

Data File : VU033961.D
Acq On : 26 Aug 2019 20:35
Operator : JC/SP
Sample : VU0827WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Quant Time: Aug 27 07:59:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 27 06:58:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	394989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	665453	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	632043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	319630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	295822	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	4.86	113	226637	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	7.54	98	859011	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	10.29	95	308770	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	95294	20.661	ug/l 100
3) Chloromethane	1.32	50	124318	21.788	ug/l 100
4) Vinyl Chloride	1.39	62	126345	20.302	ug/l 100
5) Bromomethane	1.60	94	78943	24.207	ug/l 100
6) Chloroethane	1.68	64	77670	19.799	ug/l 97
7) Trichlorofluoromethane	1.87	101	143390	19.355	ug/l 99
8) Diethyl Ether	2.09	74	61892	19.446	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	87016	20.336	ug/l 99
10) Methyl Iodide	2.39	142	90320	18.493	ug/l 98
11) Tert butyl alcohol	2.81	59	124637	105.059	ug/l 100
12) 1,1-Dichloroethene	2.26	96	89385	20.372	ug/l 97
13) Acrolein	2.18	56	72701	103.045	ug/l 99
14) Allyl chloride	2.57	41	150446	19.101	ug/l 99
15) Acrylonitrile	2.91	53	323775	103.695	ug/l 99
16) Acetone	2.30	43	294894	87.284	ug/l 99
17) Carbon Disulfide	2.46	76	284353	19.544	ug/l 99
18) Methyl Acetate	2.60	43	153521	20.363	ug/l 99
19) Methyl tert-butyl Ether	2.97	73	293091	20.899	ug/l 99
20) Methylene Chloride	2.68	84	105752	19.517	ug/l 100
21) trans-1,2-Dichloroethene	2.96	96	96043	19.868	ug/l 98
22) Diisopropyl ether	3.54	45	324587	21.316	ug/l 95
23) Vinyl Acetate	3.50	43	1371396	108.672	ug/l 99
24) 1,1-Dichloroethane	3.42	63	185503	19.897	ug/l 100
25) 2-Butanone	4.23	43	435679	99.781	ug/l 98
26) 2,2-Dichloropropane	4.20	77	142041	18.789	ug/l 100
27) cis-1,2-Dichloroethene	4.20	96	105161	20.285	ug/l 100
28) Bromochloromethane	4.52	49	94138	20.728	ug/l 100
29) Tetrahydrofuran	4.61	42	278952	105.621	ug/l 99
30) Chloroform	4.65	83	179452	19.398	ug/l 98
31) Cyclohexane	4.97	56	168326	20.414	ug/l 97
32) 1,1,1-Trichloroethane	4.89	97	150421	19.887	ug/l 98
36) 1,1-Dichloropropene	5.11	75	133435	19.421	ug/l 99
37) Ethyl Acetate	4.35	43	154818	19.034	ug/l 99
38) Carbon Tetrachloride	5.11	117	127938	18.699	ug/l 99

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Quant Title : SW846 8260
QLast Update : Tue Aug 27 06:58:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	150262	19.756	ug/l	98
40) Benzene	5.36	78	399661	19.573	ug/l	98
41) Methacrylonitrile	4.51	41	82514	20.131	ug/l	98
42) 1,2-Dichloroethane	5.38	62	150360	19.943	ug/l	100
43) Isopropyl Acetate	5.52	43	235113	19.707	ug/l	99
44) Trichloroethene	6.16	130	97457	18.442	ug/l	98
45) 1,2-Dichloropropane	6.41	63	105823	18.720	ug/l	97
46) Dibromomethane	6.54	93	70465	19.397	ug/l	99
47) Bromodichloromethane	6.73	83	139821	19.033	ug/l	98
48) Methyl methacrylate	6.60	41	112485	19.562	ug/l	98
49) 1,4-Dioxane	6.59	88	49418	408.121	ug/l	97
51) 4-Methyl-2-Pentanone	7.44	43	805324	99.431	ug/l	100
52) Toluene	7.62	92	242395	20.442	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	151683	19.825	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	169829	20.026	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	96682	18.486	ug/l	97
56) Ethyl methacrylate	8.00	69	143094	19.127	ug/l	98
57) 1,3-Dichloropropane	8.22	76	177286	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	255740	94.929	ug/l	100
59) 2-Hexanone	8.34	43	617759	100.037	ug/l	100
60) Dibromochloromethane	8.46	129	103654	19.038	ug/l	100
61) 1,2-Dibromoethane	8.57	107	106524	19.646	ug/l	100
64) Tetrachloroethene	8.21	164	87967	19.411	ug/l	99
65) Chlorobenzene	9.10	112	258594	19.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	93713	19.444	ug/l	99
67) Ethyl Benzene	9.23	91	434181	20.274	ug/l	100
68) m/p-Xylenes	9.36	106	331024	41.973	ug/l	100
69) o-Xylene	9.76	106	155539	20.632	ug/l	97
70) Styrene	9.77	104	271244	20.771	ug/l	99
71) Bromoform	9.94	173	77997	19.221	ug/l #	98
73) Isopropylbenzene	10.15	105	429623	21.748	ug/l	99
74) N-amyl acetate	10.00	43	189434	20.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	169716	20.076	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	191298	25.870	ug/l	88
77) Bromobenzene	10.43	156	111294	21.102	ug/l	97
78) n-propylbenzene	10.57	91	504967	21.380	ug/l	100
79) 2-Chlorotoluene	10.64	91	304003	21.493	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	365525	21.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	191273	68.972	ug/l #	100
82) 4-Chlorotoluene	10.75	91	350703	21.094	ug/l	99
83) tert-Butylbenzene	11.08	119	340292	21.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	366460	22.281	ug/l	100
85) sec-Butylbenzene	11.31	105	426693	21.533	ug/l	100
86) p-Isopropyltoluene	11.46	119	387223	21.554	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	196762	19.685	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	200524	19.441	ug/l	99
89) n-Butylbenzene	11.87	91	335704	19.375	ug/l	100
90) Hexachloroethane	12.12	117	71777	20.401	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	194356	20.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	35009	20.173	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082719\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	114735	18.975	ug/l	99
94) Hexachlorobutadiene	13.67	225	69479	19.443	ug/l	99
95) Naphthalene	13.73	128	312902	18.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	117806	19.442	ug/l	97

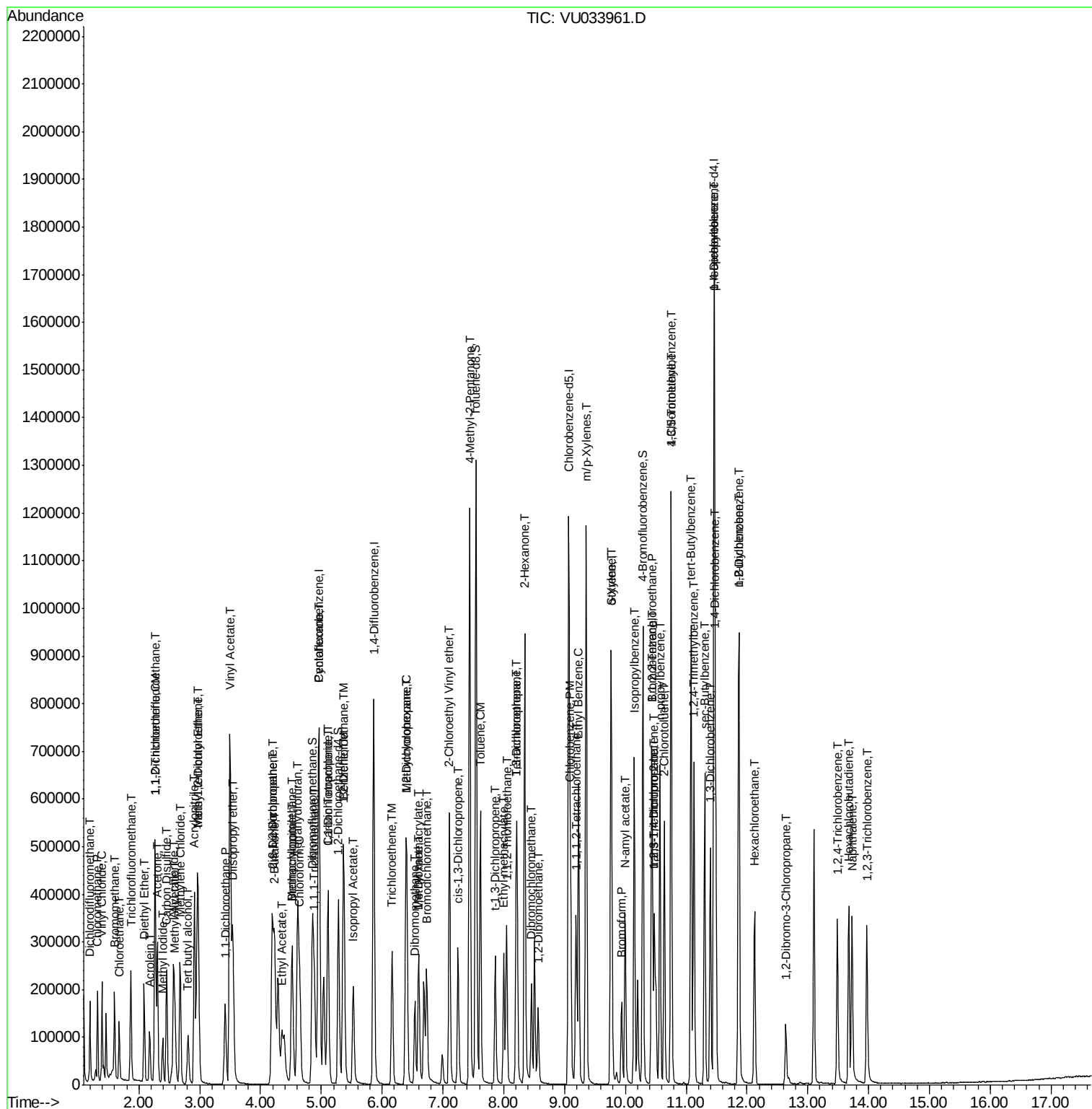
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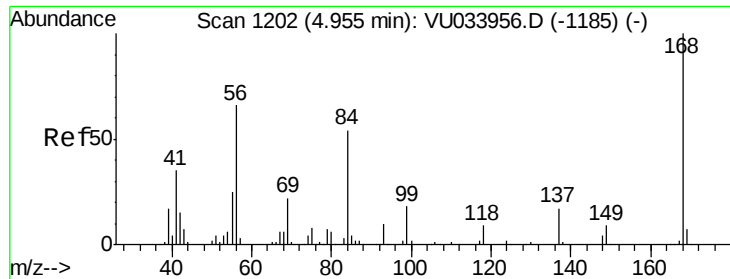
Data File : VU033961.D

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Acq On       : 26 Aug 2019   20:35
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

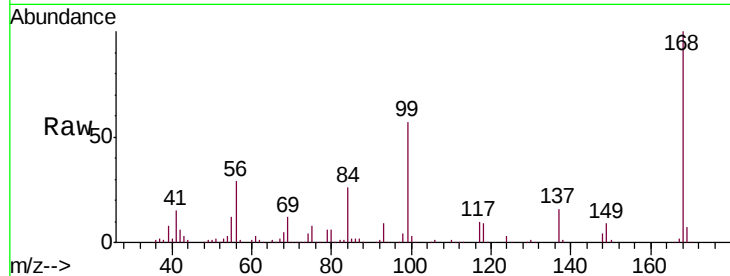
VU0827WBS01

Tgt Ion:168 Resp: 394989

Ion Ratio Lower Upper

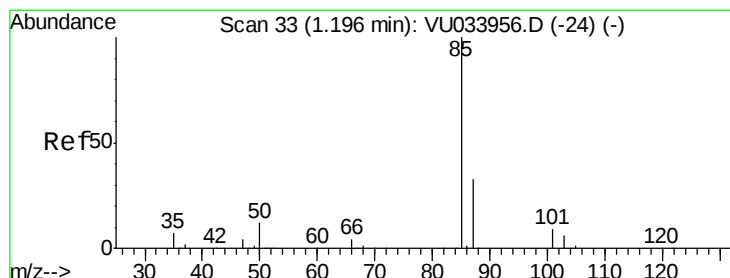
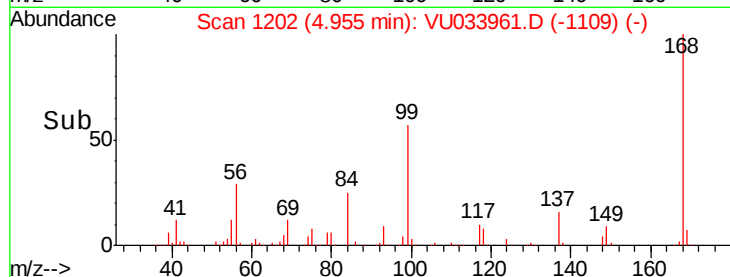
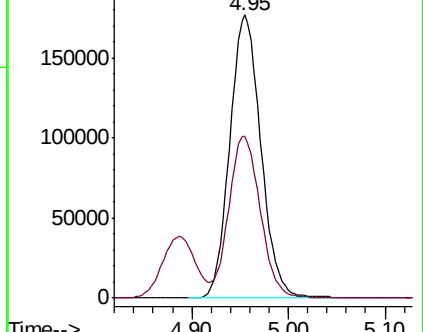
168 100

99 57.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)



#2

Dichlorodifluoromethane

Concen: 20.661 ug/l

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033961.D

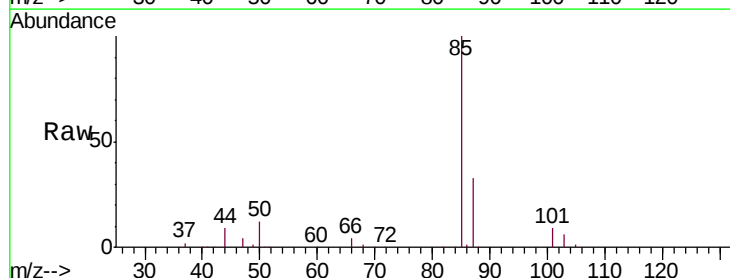
Acq: 26 Aug 2019 20:35

Tgt Ion: 85 Resp: 95294

Ion Ratio Lower Upper

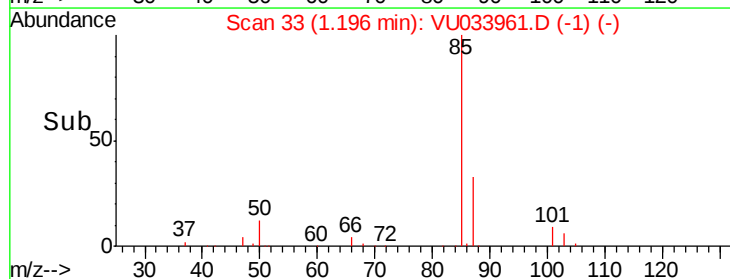
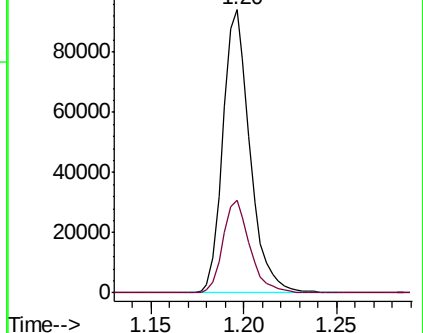
85 100

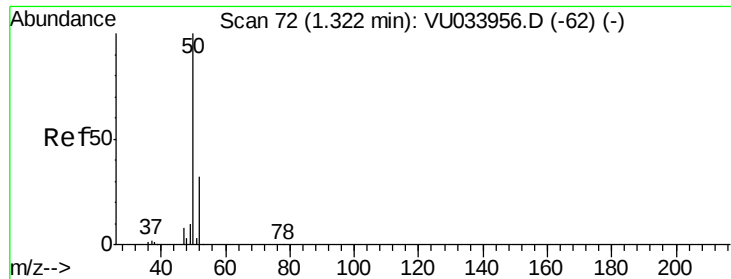
87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VU033956.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VU033956.D (-24) (-)





#3

Chloromethane

Concen: 21.788 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

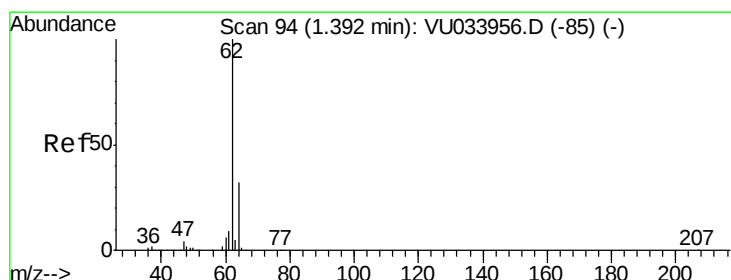
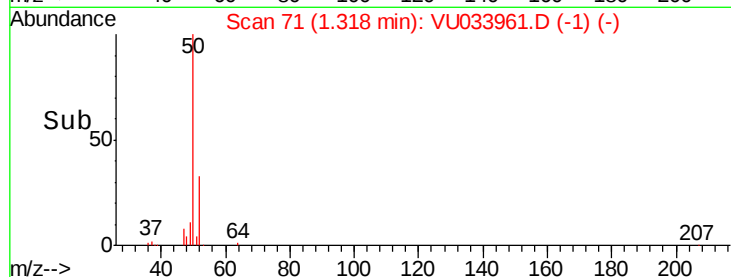
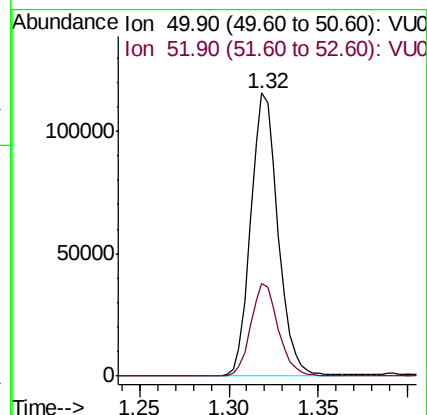
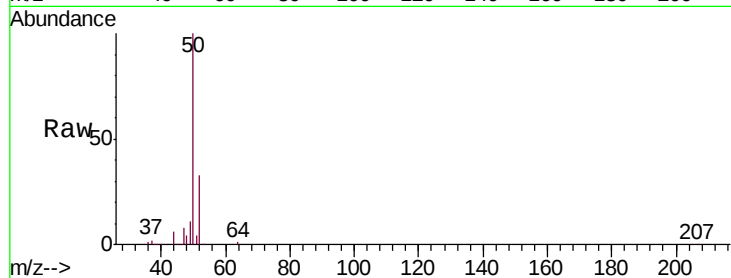
VU0827WBS01

Tgt Ion: 50 Resp: 124318

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 20.302 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033961.D

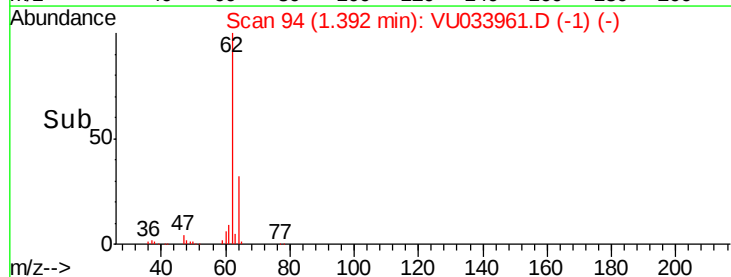
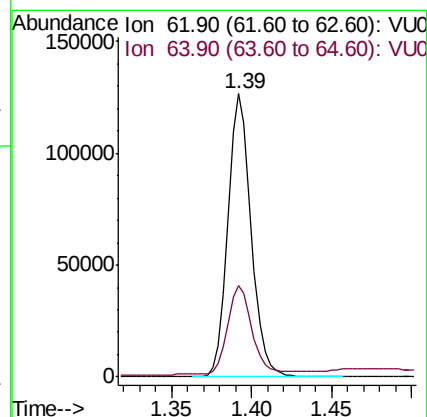
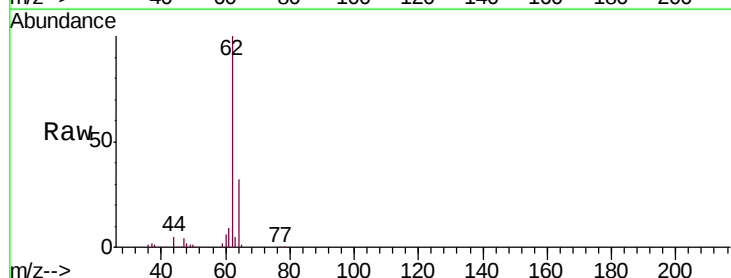
Acq: 26 Aug 2019 20:35

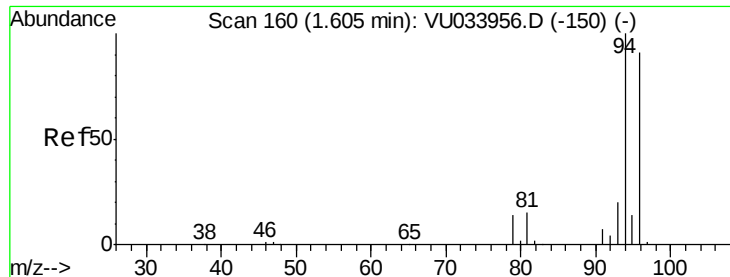
Tgt Ion: 62 Resp: 126345

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9

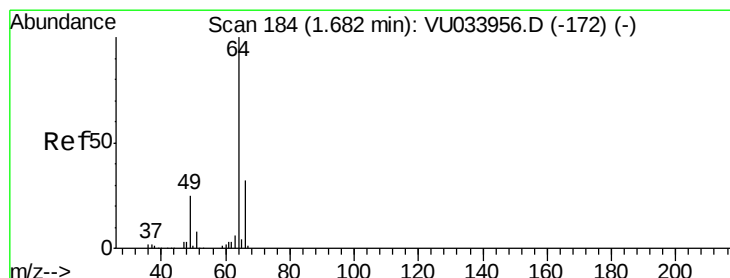
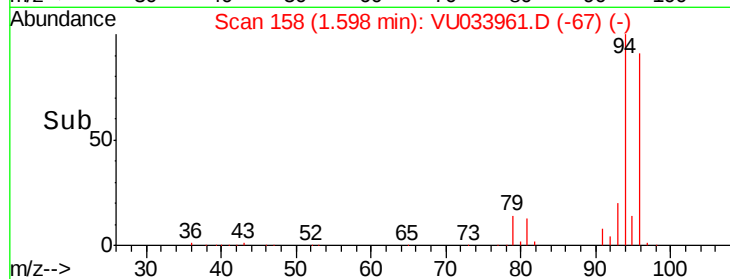
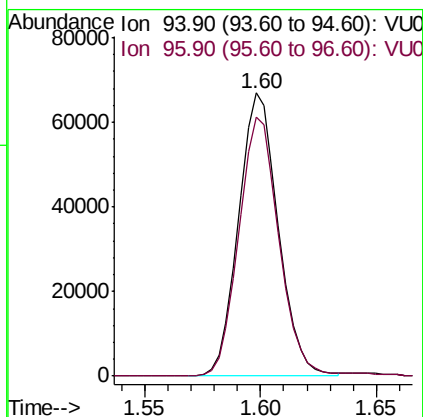
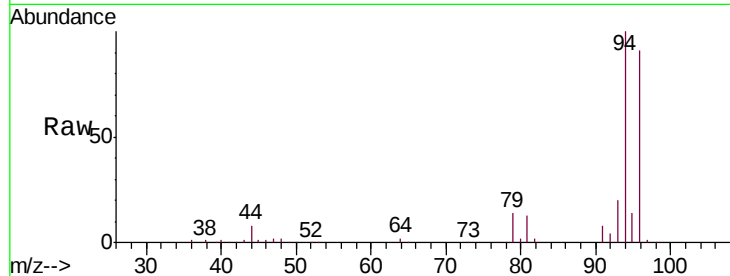




#5
Bromomethane
Concen: 24.207 ug/l
RT: 1.60 min Scan# 158
Delta R.T. -0.01 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

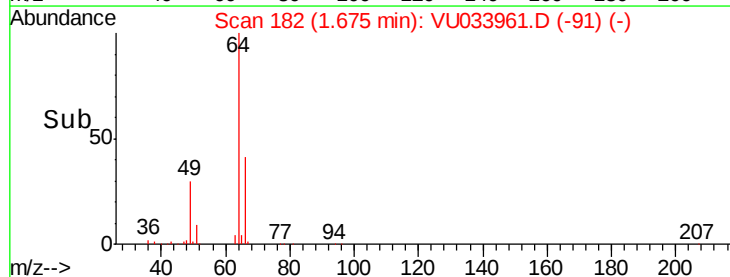
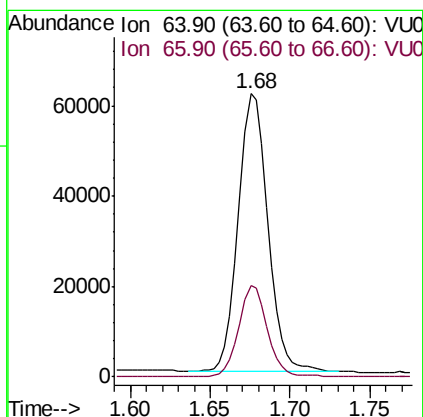
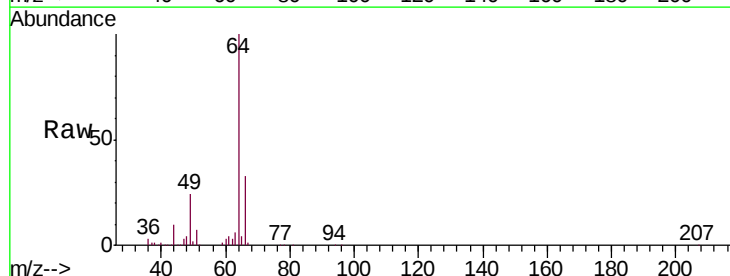
Instrument :
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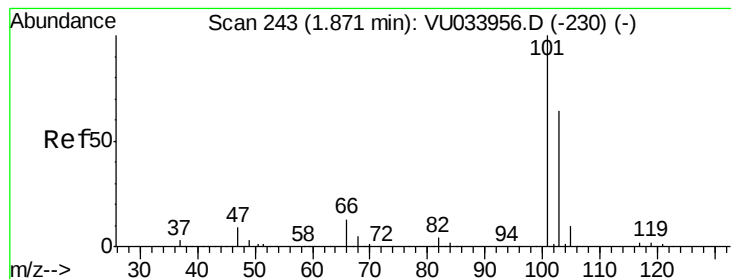
Tgt Ion: 94 Resp: 78943
Ion Ratio Lower Upper
94 100
96 91.4 73.2 109.8



#6
Chloroethane
Concen: 19.799 ug/l
RT: 1.68 min Scan# 182
Delta R.T. -0.01 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 64 Resp: 77670
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7



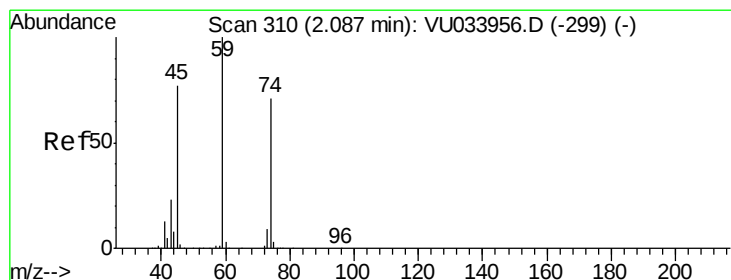
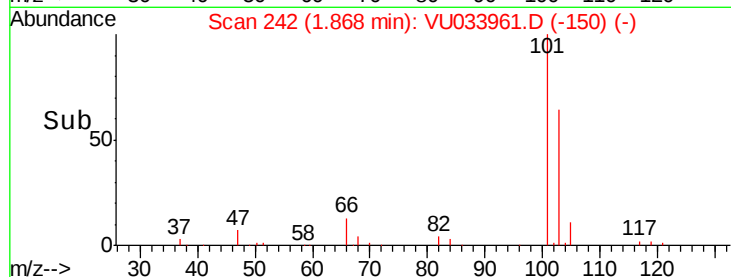
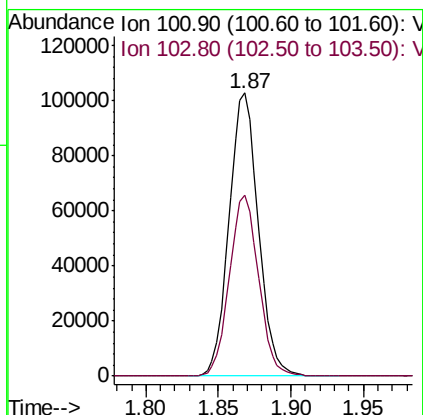
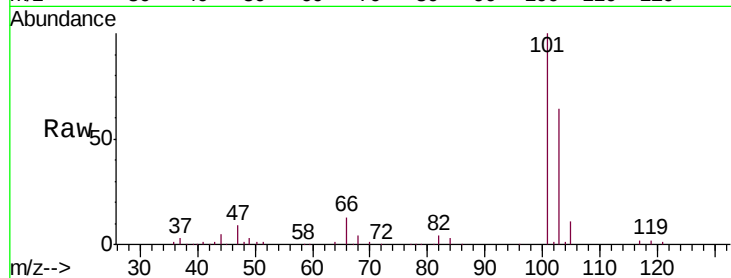


#7

Trichlorofluoromethane
 Concen: 19.355 ug/l
 RT: 1.87 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

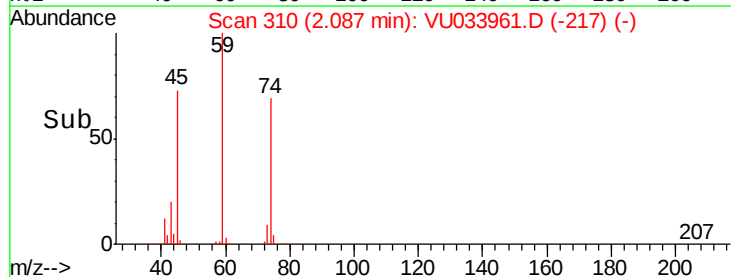
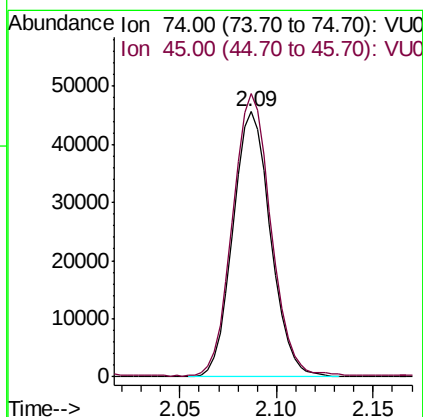
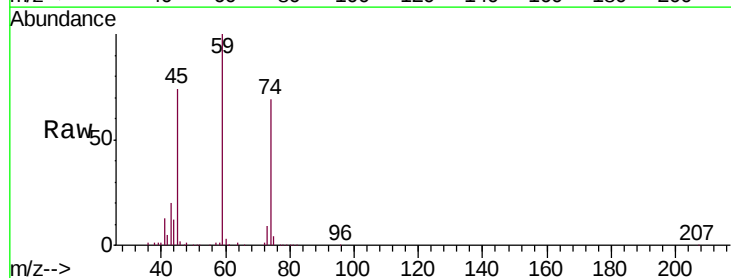
Tgt Ion:101 Resp: 143390
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.5 77.3

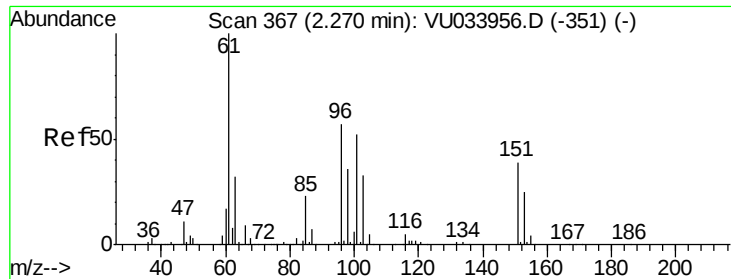


#8

Diethyl Ether
 Concen: 19.446 ug/l
 RT: 2.09 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 74 Resp: 61892
 Ion Ratio Lower Upper
 74 100
 45 108.3 53.9 161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.336 ug/l

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

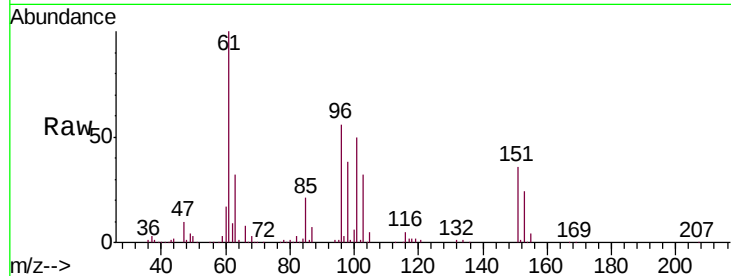
Tgt Ion:101 Resp: 87016

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.6

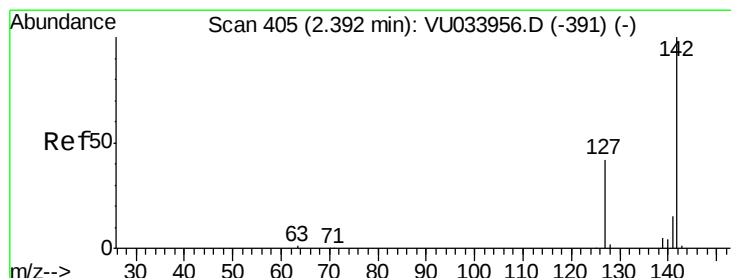
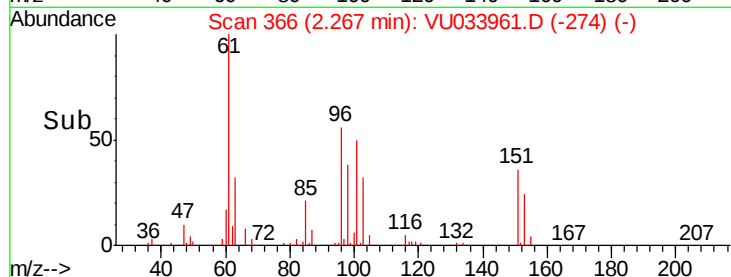
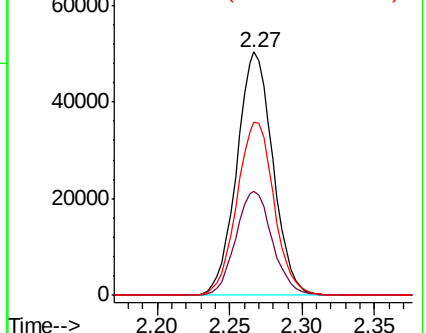
151 73.4 57.9 86.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.493 ug/l

RT: 2.39 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

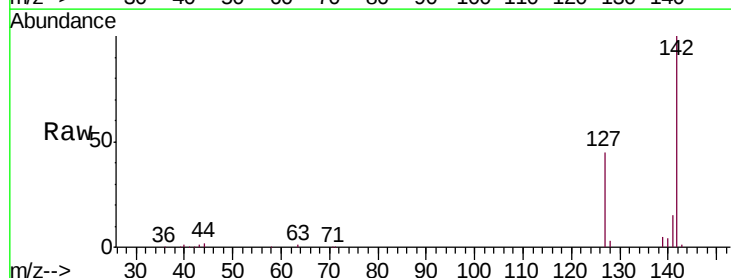
Tgt Ion:142 Resp: 90320

Ion Ratio Lower Upper

142 100

127 44.1 34.3 51.5

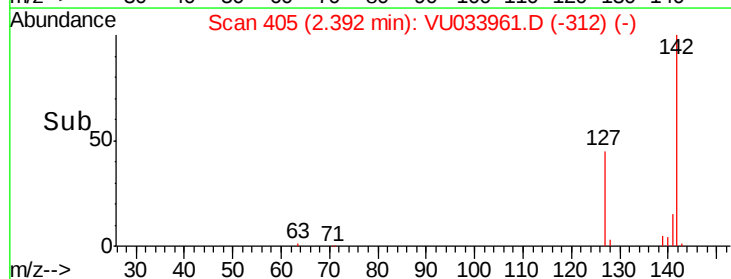
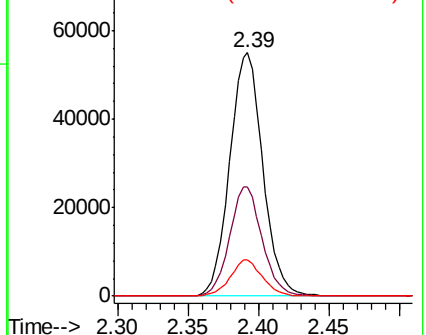
141 14.3 11.8 17.6

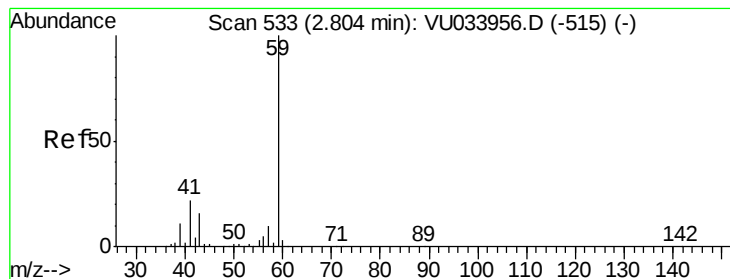


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



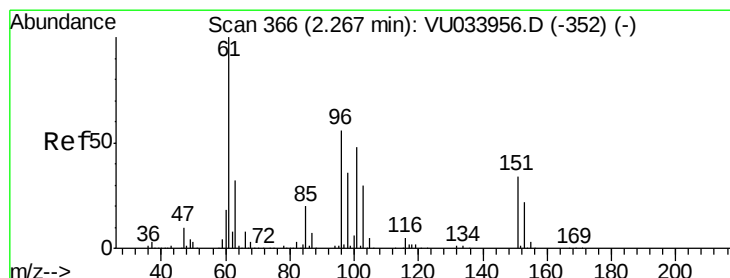
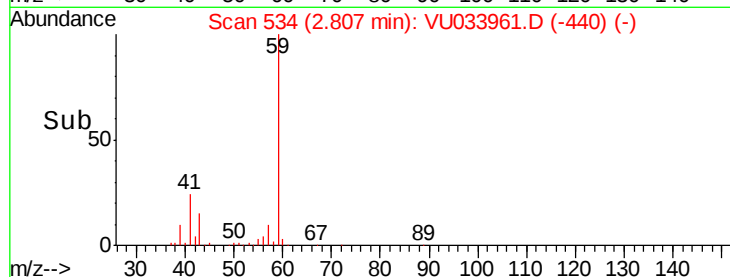
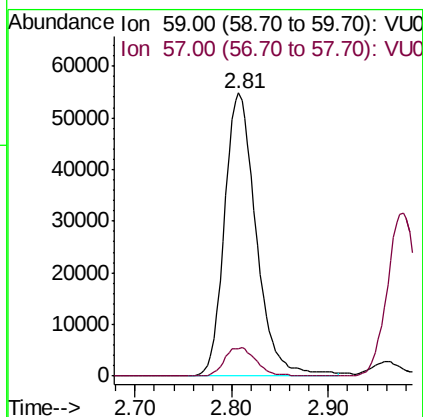
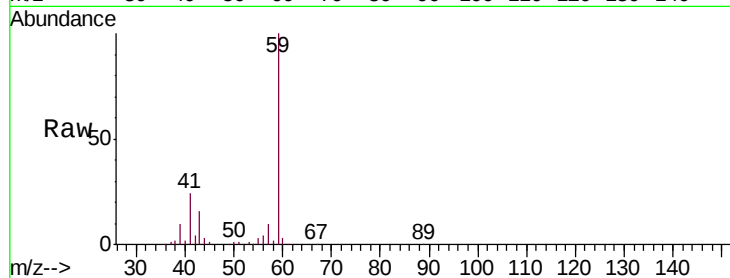


#11

Tert butyl alcohol
 Concen: 105.059 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

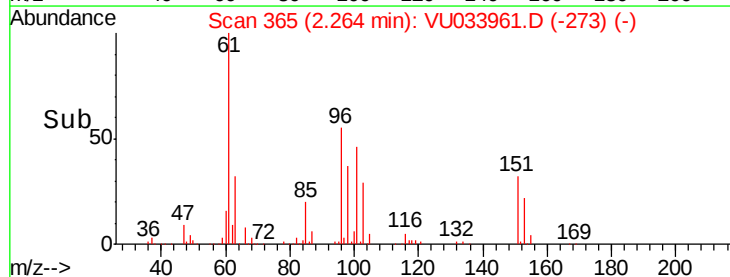
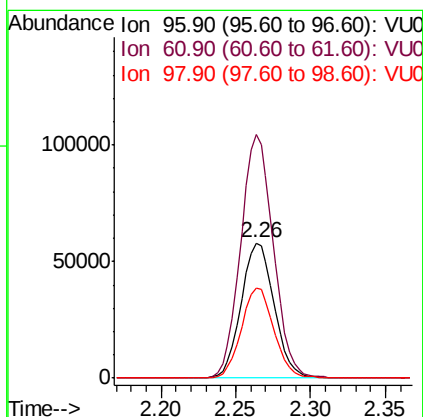
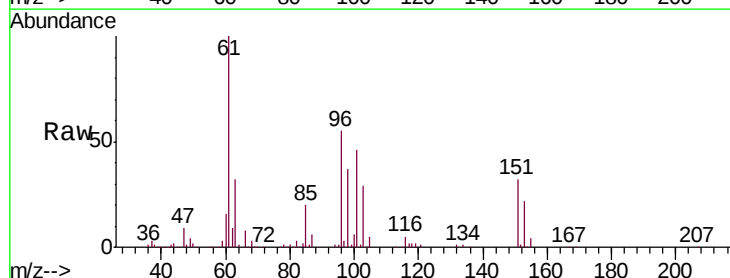
Tgt Ion: 59 Resp: 124637
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

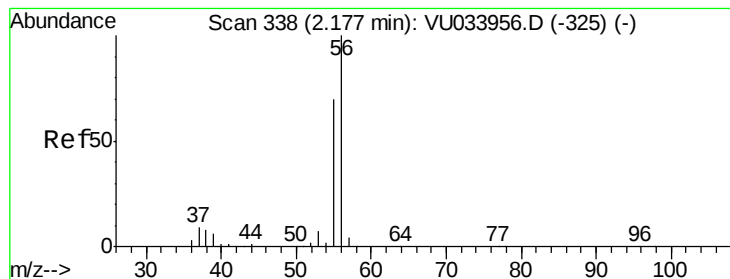


#12

1,1-Dichloroethene
 Concen: 20.372 ug/l
 RT: 2.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 96 Resp: 89385
 Ion Ratio Lower Upper
 96 100
 61 180.6 142.3 213.5
 98 67.0 51.0 76.6





#13

Acrolein

Concen: 103.045 ug/l

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

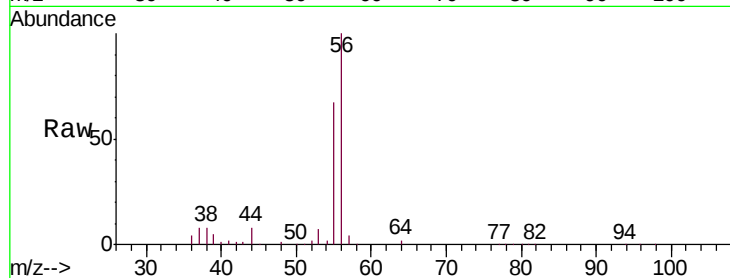
VU0827WBS01

Tgt Ion: 56 Resp: 72701

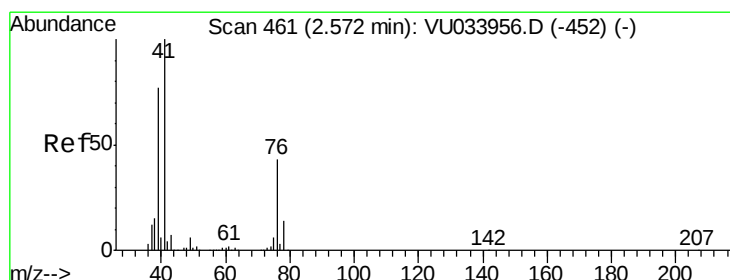
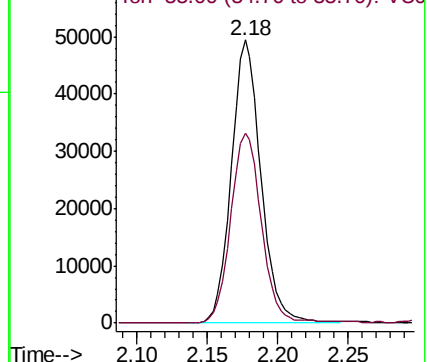
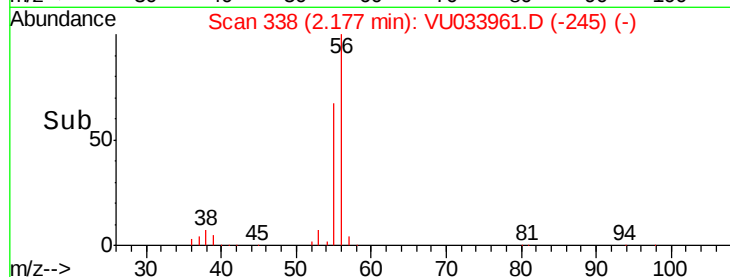
Ion Ratio Lower Upper

56 100

55 69.5 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VU033961.D (-245) (-)



#14

Allyl chloride

Concen: 19.101 ug/l

RT: 2.57 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

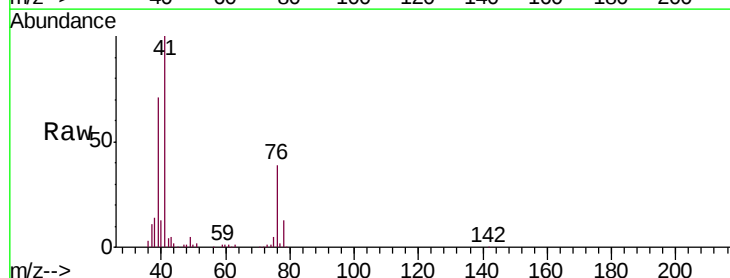
Tgt Ion: 41 Resp: 150446

Ion Ratio Lower Upper

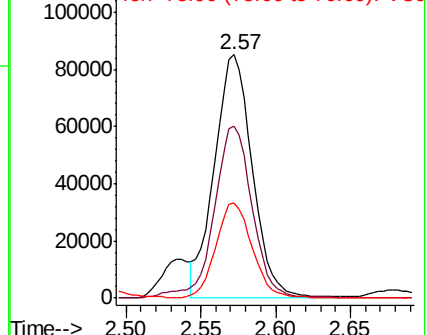
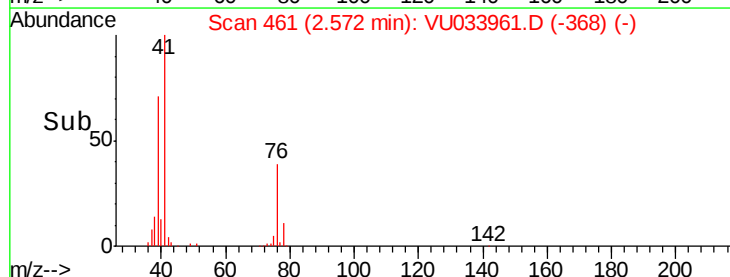
41 100

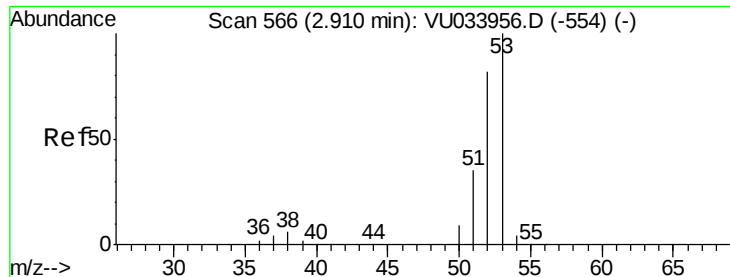
39 70.8 56.4 84.6

76 37.2 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VU033961.D (-368) (-)





#15

Acrylonitrile

Concen: 103.695 ug/l

RT: 2.91 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

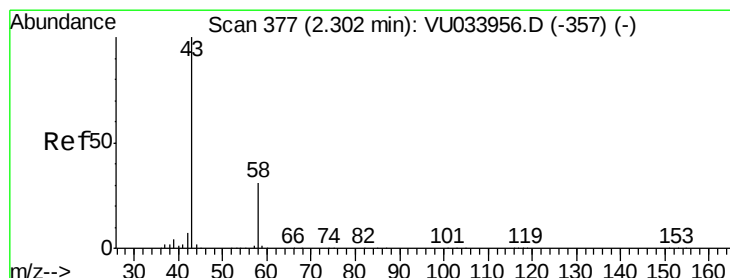
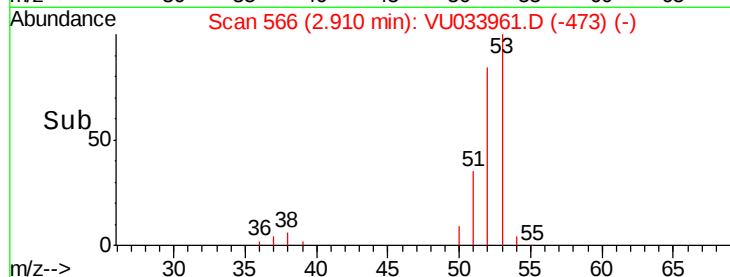
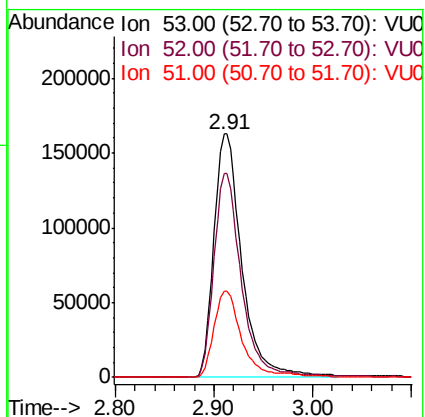
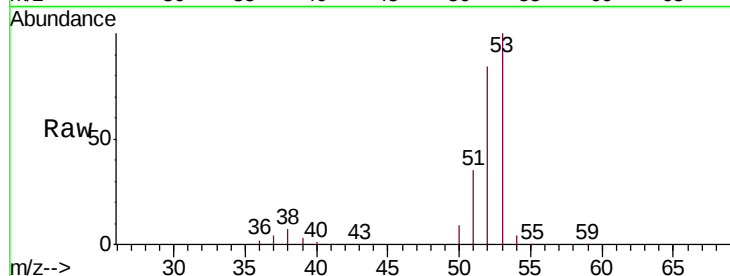
Tgt Ion: 53 Resp: 323775

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

51 36.0 28.6 43.0



#16

Acetone

Concen: 87.284 ug/l

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VU033961.D

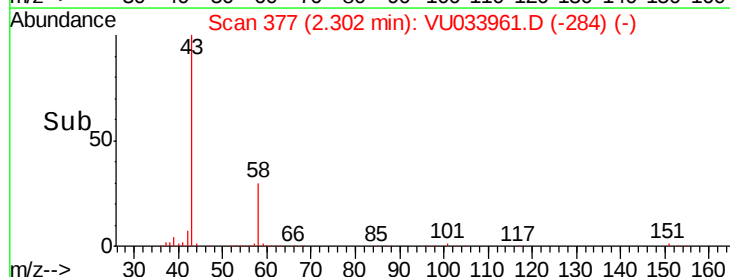
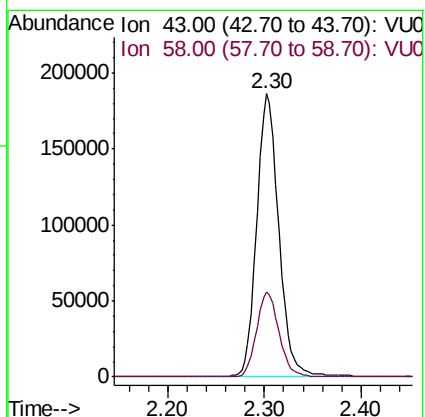
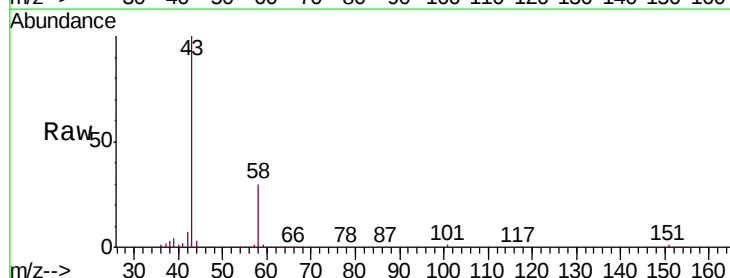
Acq: 26 Aug 2019 20:35

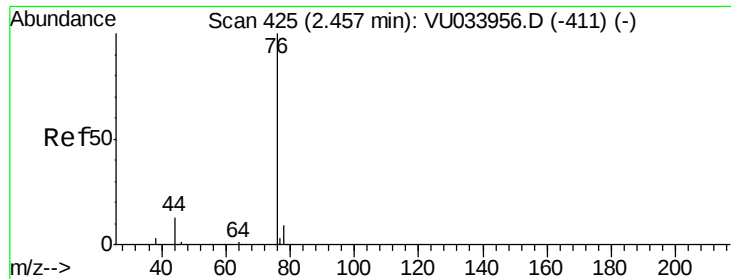
Tgt Ion: 43 Resp: 294894

Ion Ratio Lower Upper

43 100

58 30.0 24.5 36.7

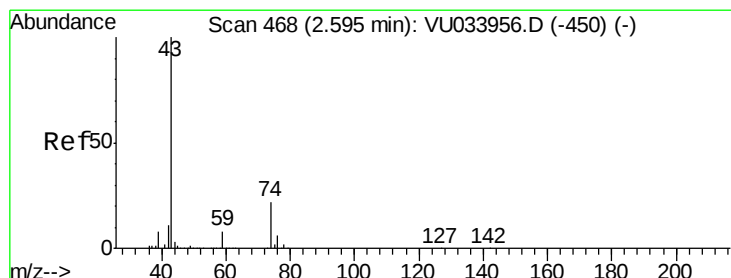
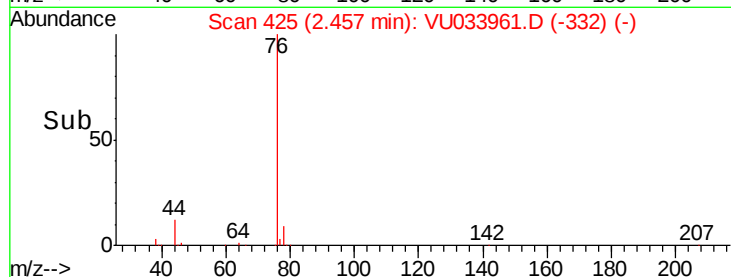
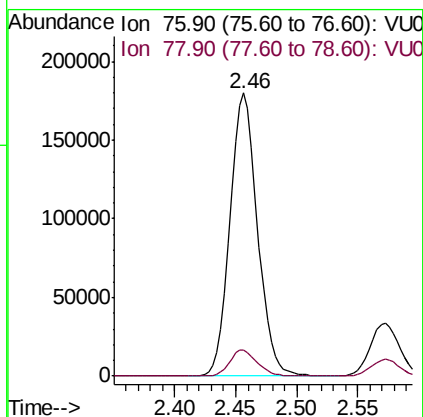
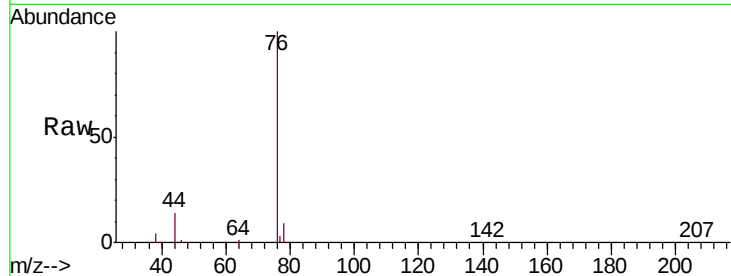




#17
Carbon Disulfide
Concen: 19.544 ug/l
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

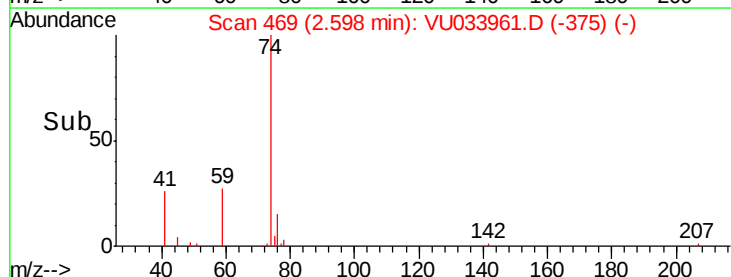
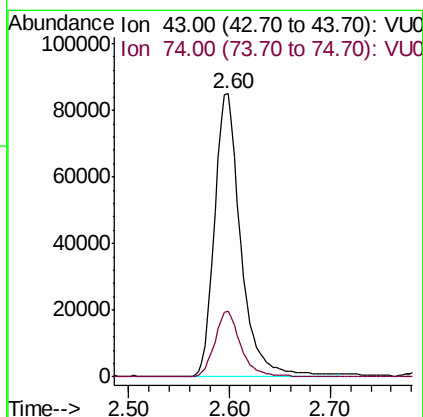
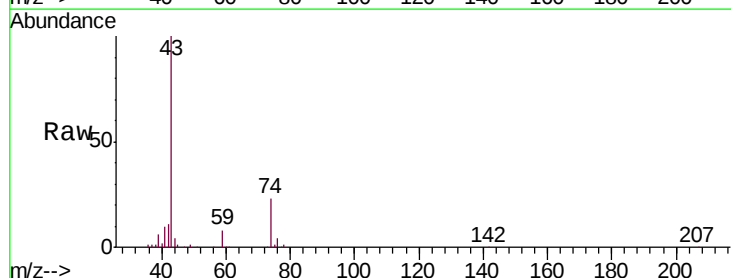
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

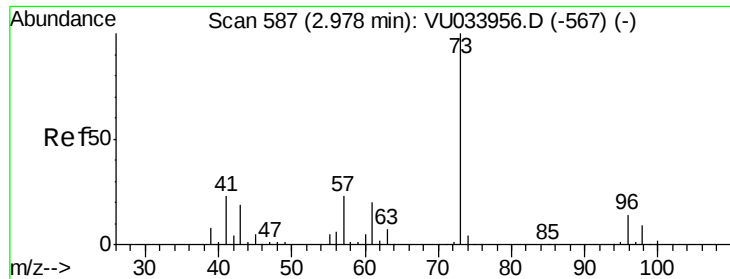
Tgt Ion: 76 Resp: 284353
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.363 ug/l
RT: 2.60 min Scan# 469
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 43 Resp: 153521
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

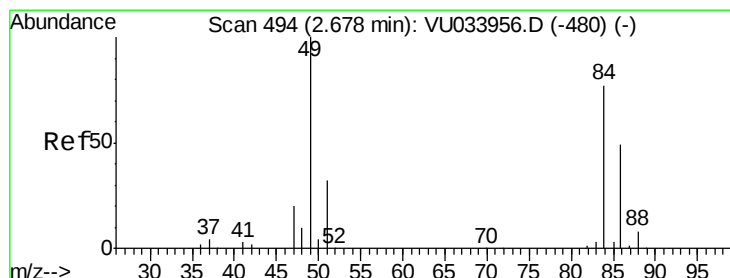
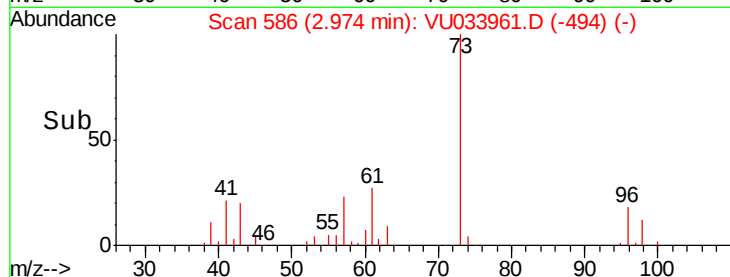
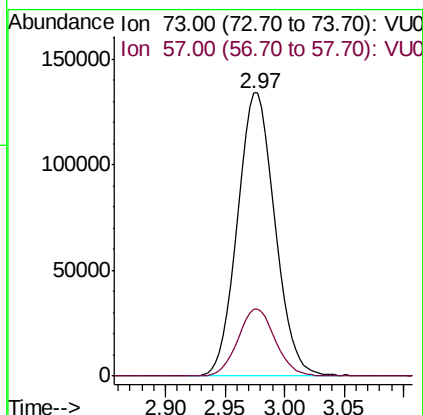
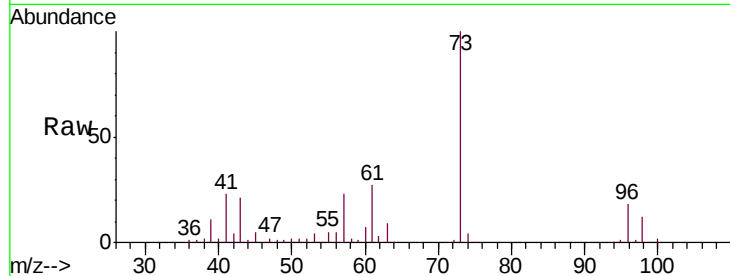




#19
Methyl tert-butyl Ether
Concen: 20.899 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

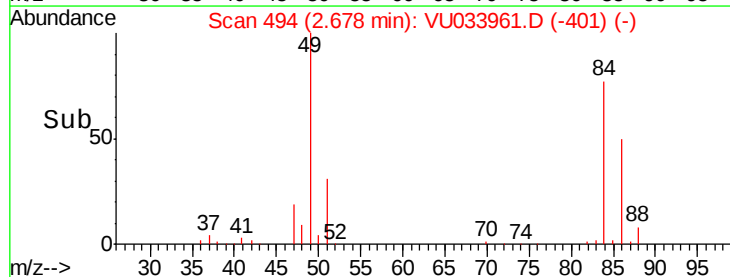
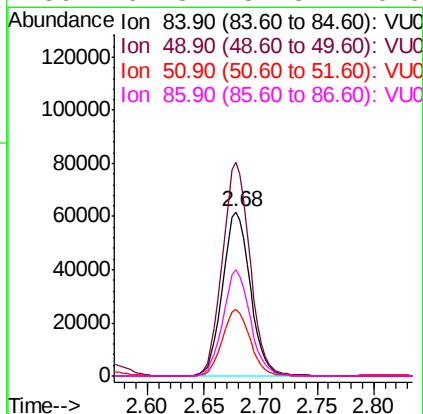
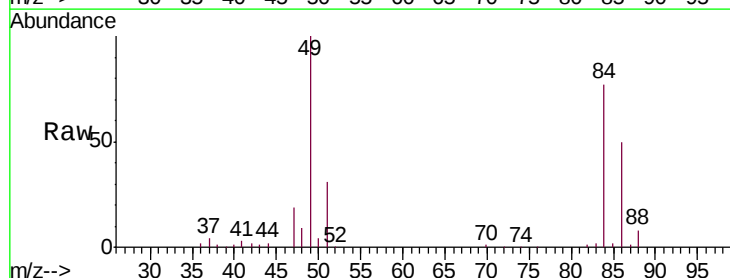
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

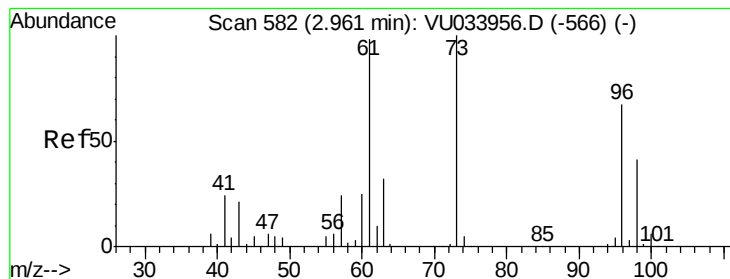
Tgt Ion: 73 Resp: 293091
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 19.517 ug/l
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 84 Resp: 105752
Ion Ratio Lower Upper
84 100
49 129.8 104.1 156.1
51 40.2 33.0 49.6
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.868 ug/l

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

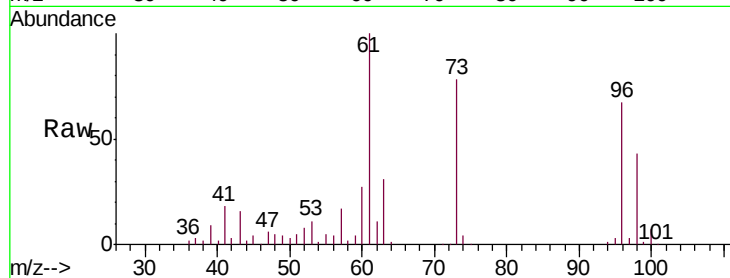
Tgt Ion: 96 Resp: 96043

Ion Ratio Lower Upper

96 100

61 148.9 117.8 176.8

98 64.2 49.8 74.8

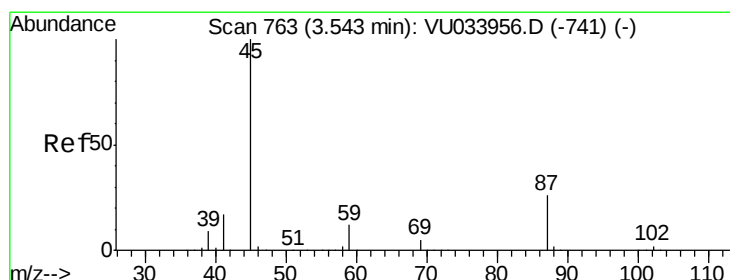
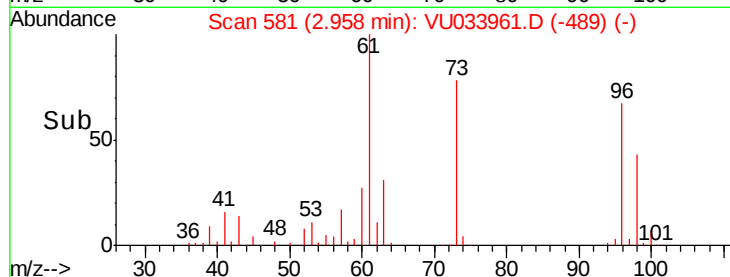
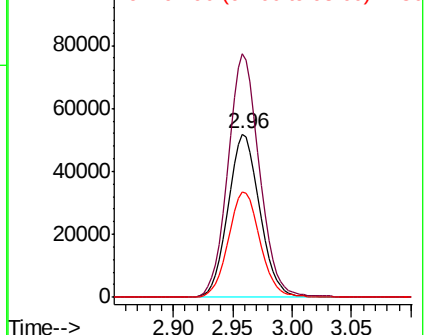


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 21.316 ug/l

RT: 3.54 min Scan# 763

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Tgt Ion: 45 Resp: 324587

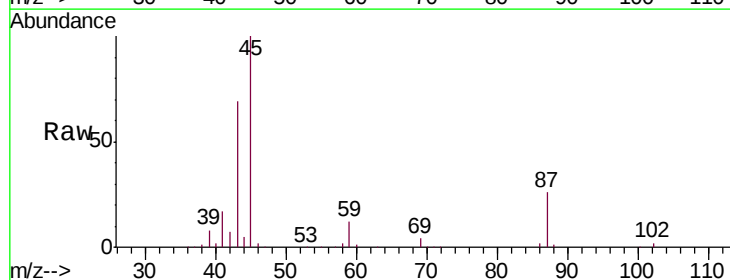
Ion Ratio Lower Upper

45 100

43 68.5 50.6 76.0

87 25.6 21.2 31.8

59 12.2 9.6 14.4



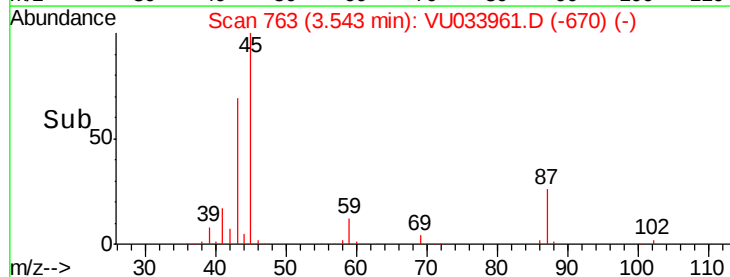
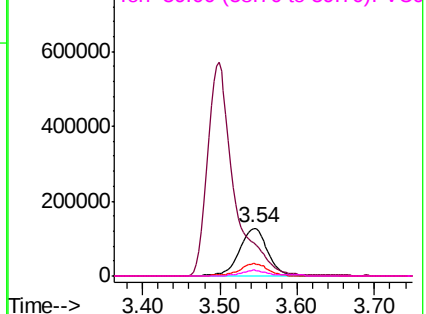
Abundance

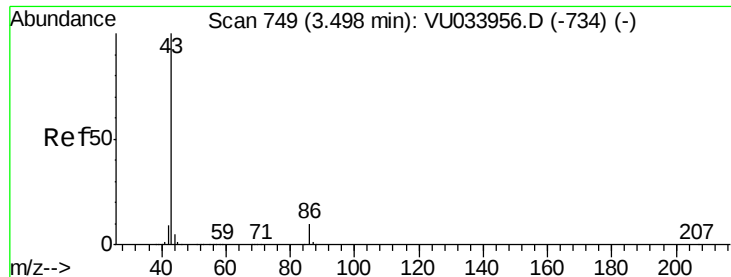
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 108.672 ug/l

RT: 3.50 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

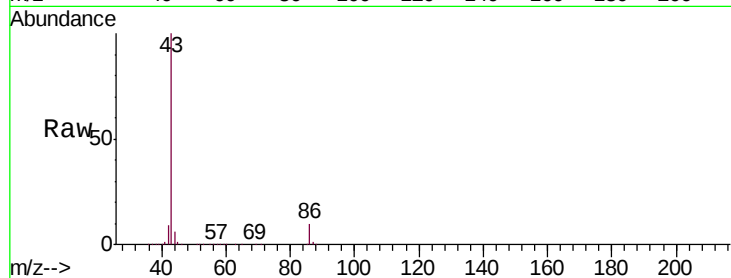
VU0827WBS01

Tgt Ion: 43 Resp: 1371396

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU033956.D (-734) (-)

3.50

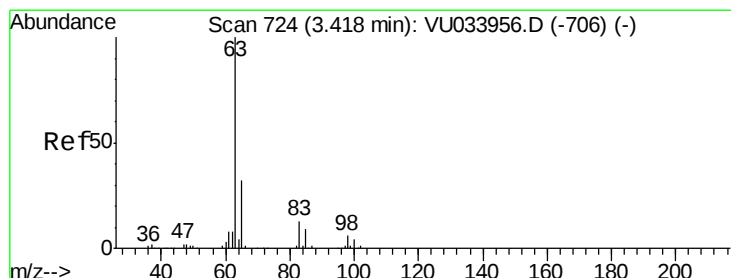
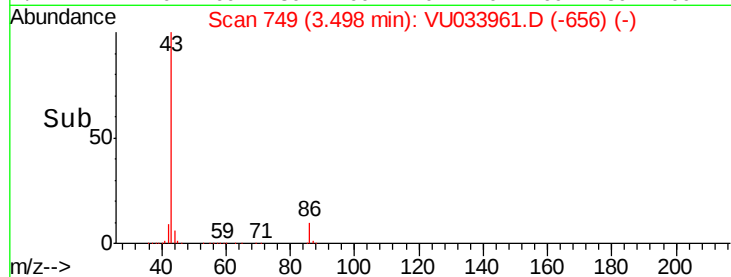
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.897 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

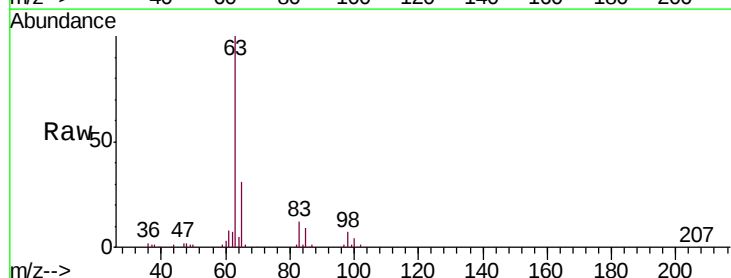
Tgt Ion: 63 Resp: 185503

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU033956.D (-706) (-)

Ion 97.90 (97.60 to 98.60): VU033956.D (-706) (-)

Ion 99.90 (99.60 to 100.60): VU033956.D (-706) (-)

3.42

100000

80000

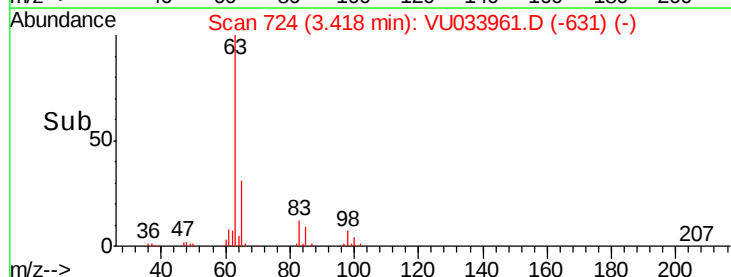
60000

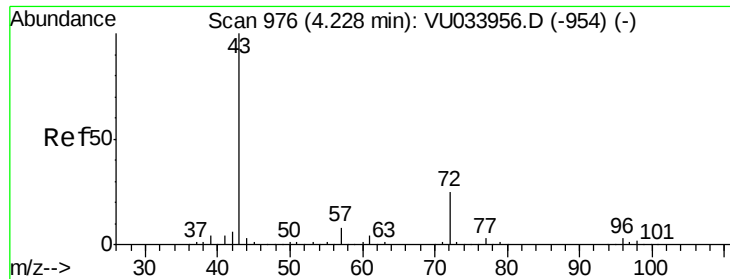
40000

20000

0

Time-->





#25

2-Butanone

Concen: 99.781 ug/l

RT: 4.23 min Scan# 977

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

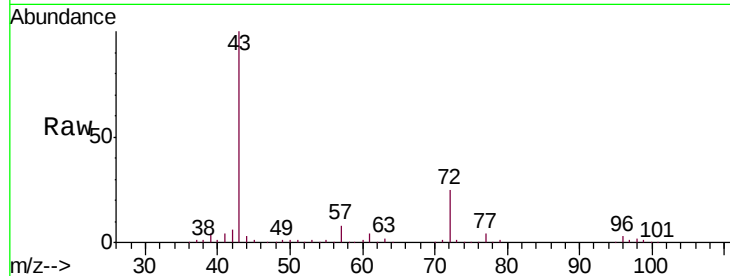
VU0827WBS01

Tgt Ion: 43 Resp: 435679

Ion Ratio Lower Upper

43 100

72 24.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU033961.D (-883) (-)

Ion 72.00 (71.70 to 72.70): VU033961.D (-883) (-)

200000

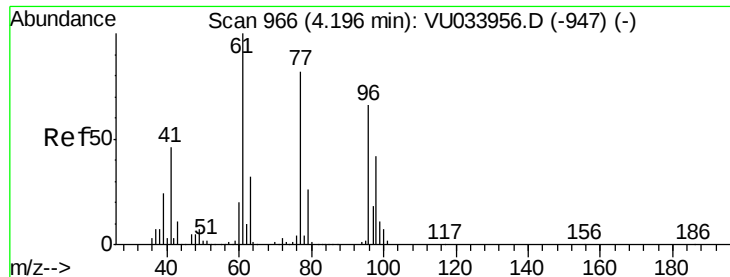
150000

100000

50000

0

4.20 4.23 4.26 4.29 4.32 4.35 4.38 4.41 4.44 4.47 4.50 4.53 4.56 4.59 4.62 4.65 4.68 4.71 4.74 4.77 4.80 4.83 4.86 4.89 4.92 4.95 4.98 5.01 5.04 5.07 5.10 5.13 5.16 5.19 5.22 5.25 5.28 5.31 5.34 5.37 5.40 5.43 5.46 5.49 5.52 5.55 5.58 5.61 5.64 5.67 5.70 5.73 5.76 5.79 5.82 5.85 5.88 5.91 5.94 5.97 6.00 6.03 6.06 6.09 6.12 6.15 6.18 6.21 6.24 6.27 6.30 6.33 6.36 6.39 6.42 6.45 6.48 6.51 6.54 6.57 6.60 6.63 6.66 6.69 6.72 6.75 6.78 6.81 6.84 6.87 6.90 6.93 6.96 6.99 7.02 7.05 7.08 7.11 7.14 7.17 7.20 7.23 7.26 7.29 7.32 7.35 7.38 7.41 7.44 7.47 7.50 7.53 7.56 7.59 7.62 7.65 7.68 7.71 7.74 7.77 7.80 7.83 7.86 7.89 7.92 7.95 7.98 8.01 8.04 8.07 8.10 8.13 8.16 8.19 8.22 8.25 8.28 8.31 8.34 8.37 8.40 8.43 8.46 8.49 8.52 8.55 8.58 8.61 8.64 8.67 8.70 8.73 8.76 8.79 8.82 8.85 8.88 8.91 8.94 8.97 9.00 9.03 9.06 9.09 9.12 9.15 9.18 9.21 9.24 9.27 9.30 9.33 9.36 9.39 9.42 9.45 9.48 9.51 9.54 9.57 9.60 9.63 9.66 9.69 9.72 9.75 9.78 9.81 9.84 9.87 9.90 9.93 9.96 9.99 10.02 10.05 10.08 10.11 10.14 10.17 10.20 10.23 10.26 10.29 10.32 10.35 10.38 10.41 10.44 10.47 10.50 10.53 10.56 10.59 10.62 10.65 10.68 10.71 10.74 10.77 10.80 10.83 10.86 10.89 10.92 10.95 10.98 11.01 11.04 11.07 11.10 11.13 11.16 11.19 11.22 11.25 11.28 11.31 11.34 11.37 11.40 11.43 11.46 11.49 11.52 11.55 11.58 11.61 11.64 11.67 11.70 11.73 11.76 11.79 11.82 11.85 11.88 11.91 11.94 11.97 12.00 12.03 12.06 12.09 12.12 12.15 12.18 12.21 12.24 12.27 12.30 12.33 12.36 12.39 12.42 12.45 12.48 12.51 12.54 12.57 12.60 12.63 12.66 12.69 12.72 12.75 12.78 12.81 12.84 12.87 12.90 12.93 12.96 12.99 13.02 13.05 13.08 13.11 13.14 13.17 13.20 13.23 13.26 13.29 13.32 13.35 13.38 13.41 13.44 13.47 13.50 13.53 13.56 13.59 13.62 13.65 13.68 13.71 13.74 13.77 13.80 13.83 13.86 13.89 13.92 13.95 13.98 14.01 14.04 14.07 14.10 14.13 14.16 14.19 14.22 14.25 14.28 14.31 14.34 14.37 14.40 14.43 14.46 14.49 14.52 14.55 14.58 14.61 14.64 14.67 14.70 14.73 14.76 14.79 14.82 14.85 14.88 14.91 14.94 14.97 15.00 15.03 15.06 15.09 15.12 15.15 15.18 15.21 15.24 15.27 15.30 15.33 15.36 15.39 15.42 15.45 15.48 15.51 15.54 15.57 15.60 15.63 15.66 15.69 15.72 15.75 15.78 15.81 15.84 15.87 15.90 15.93 15.96 15.99 16.02 16.05 16.08 16.11 16.14 16.17 16.20 16.23 16.26 16.29 16.32 16.35 16.38 16.41 16.44 16.47 16.50 16.53 16.56 16.59 16.62 16.65 16.68 16.71 16.74 16.77 16.80 16.83 16.86 16.89 16.92 16.95 16.98 17.01 17.04 17.07 17.10 17.13 17.16 17.19 17.22 17.25 17.28 17.31 17.34 17.37 17.40 17.43 17.46 17.49 17.52 17.55 17.58 17.61 17.64 17.67 17.70 17.73 17.76 17.79 17.82 17.85 17.88 17.91 17.94 17.97 18.00 18.03 18.06 18.09 18.12 18.15 18.18 18.21 18.24 18.27 18.30 18.33 18.36 18.39 18.42 18.45 18.48 18.51 18.54 18.57 18.60 18.63 18.66 18.69 18.72 18.75 18.78 18.81 18.84 18.87 18.90 18.93 18.96 18.99 19.02 19.05 19.08 19.11 19.14 19.17 19.20 19.23 19.26 19.29 19.32 19.35 19.38 19.41 19.44 19.47 19.50 19.53 19.56 19.59 19.62 19.65 19.68 19.71 19.74 19.77 19.80 19.83 19.86 19.89 19.92 19.95 19.98 20.01 20.04 20.07 20.10 20.13 20.16 20.19 20.22 20.25 20.28 20.31 20.34 20.37 20.40 20.43 20.46 20.49 20.52 20.55 20.58 20.61 20.64 20.67 20.70 20.73 20.76 20.79 20.82 20.85 20.88 20.91 20.94 20.97 21.00 21.03 21.06 21.09 21.12 21.15 21.18 21.21 21.24 21.27 21.30 21.33 21.36 21.39 21.42 21.45 21.48 21.51 21.54 21.57 21.60 21.63 21.66 21.69 21.72 21.75 21.78 21.81 21.84 21.87 21.90 21.93 21.96 21.99 22.02 22.05 22.08 22.11 22.14 22.17 22.20 22.23 22.26 22.29 22.32 22.35 22.38 22.41 22.44 22.47 22.50 22.53 22.56 22.59 22.62 22.65 22.68 22.71 22.74 22.77 22.80 22.83 22.86 22.89 22.92 22.95 22.98 23.01 23.04 23.07 23.10 23.13 23.16 23.19 23.22 23.25 23.28 23.31 23.34 23.37 23.40 23.43 23.46 23.49 23.52 23.55 23.58 23.61 23.64 23.67 23.70 23.73 23.76 23.79 23.82 23.85 23.88 23.91 23.94 23.97 24.00 24.03 24.06 24.09 24.12 24.15 24.18 24.21 24.24 24.27 24.30 24.33 24.36 24.39 24.42 24.45 24.48 24.51 24.54 24.57 24.60 24.63 24.66 24.69 24.72 24.75 24.78 24.81 24.84 24.87 24.90 24.93 24.96 24.99 25.02 25.05 25.08 25.11 25.14 25.17 25.20 25.23 25.26 25.29 25.32 25.35 25.38 25.41 25.44 25.47 25.50 25.53 25.56 25.59 25.62 25.65 25.68 25.71 25.74 25.77 25.80 25.83 25.86 25.89 25.92 25.95 25.98 26.01 26.04 26.07 26.10 26.13 26.16 26.19 26.22 26.25 26.28 26.31 26.34 26.37 26.40 26.43 26.46 26.49 26.52 26.55 26.58 26.61 26.64 26.67 26.70 26.73 26.76 26.79 26.82 26.85 26.88 26.91 26.94 26.97 27.00 27.03 27.06 27.09 27.12 27.15 27.18 27.21 27.24 27.27 27.30 27.33 27.36 27.39 27.42 27.45 27.48 27.51 27.54 27.57 27.60 27.63 27.66 27.69 27.72 27.75 27.78 27.81 27.84 27.87 27.90 27.93 27.96 27.99 28.02 28.05 28.08 28.11 28.14 28.17 28.20 28.23 28.26 28.29 28.32 28.35 28.38 28.41 28.44 28.47 28.50 28.53 28.56 28.59 28.62 28.65 28.68 28.71 28.74 28.77 28.80 28.83 28.86 28.89 28.92 28.95 28.98 29.01 29.04 29.07 29.10 29.13 29.16 29.19 29.22 29.25 29.28 29.31 29.34 29.37 29.40 29.43 29.46 29.49 29.52 29.55 29.58 29.61 29.64 29.67 29.70 29.73 29.76 29.79 29.82 29.85 29.88 29.91 29.94 29.97 30.00 30.03 30.06 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35.07 35.10 35.13 35.16 35.19 35.22 35.25 35.28 35.31 35.34 35.37 35.40 35.43 35.46 35.49 35.52 35.55 35.58 35.61 35.64 35.67 35.70 35.73 35.76 35.79 35.82 35.85 35.88 35.91 35.94 35.97 36.00 36.03 36.06 36.09 36.12 36.15 36.18 36.21 36.24 36.27 36.30 36.33 36.36 36.39 36.42 36.45 36.48 36.51 36.54 36.57 36.60 36.63 36.66 36.69 36.72 36.75 36.78 36.81 36.84 36.87 36.90 36.93 36.96 36.99 37.02 37.05 37.08 37.11 37.14 37.17 37.20 37.23 37.26 37.29 37.32 37.35 37.38 37.41 37.44 37.47 37.50 37.53 37.56 37.59 37.62 37.65 37.68 37.71 37.74 37.77 37.80 37.83 37.86 37.89 37.92 37.95 37.98 38.01 38.04 38.07 38.10 38.13 38.16 38.19 38.22 38.25 38.28 38.31 38.34 38.37 38.40 38.43 38.46 38.49 38.52 38.55 38.58 38.61 38.64 38.67 38.70 38.73 38.76 38.79 38.82 38.85 38.88 38.91 38.94 38.97 39.00 39.03 39.06 39.09 39.12 39.15 39.18 39.21 39.24 39.27 39.30 39.33 39.36 39.39 39.42 39.45 39.48 39.51 39.54 39.57 39.60 39.63 39.66 39.69 39.72 39.75 39.78 39.81 39.84 39.87 39.90 39.93 39.96 39.99 40.02 40.05 40.08 40.11 40.14 40.17 40.20 40.23 40.26 40.29 40.32 40.35 40.38 40.41 40.44 40.47 40.50 40.53 40.56 40.59 40.62 40.65 40.68 40.71 40.74 40.77 40.80 40.83 40.86 40.89 40.92 40.95 40.98 41.01 41.04 41.07 41.10 41.13 41.16 41.19 41.22 41.25 41.28 41.31 41.34 41.37 41.40 41.43 41.46 41.49 41.52 41.55 41.58 41.61 41.64 41.67 41.70 41.73 41.76 41.79 41.82 41.85 41.88 41.91 41.94 41.97 42.00 42.03 42.06 42.09 42.12 42.15 42.18 42.21 42.24 42.27 42.30 42.33 42.36 42.39 42.42 42.45 42.48 42.51 42.54 42.57 42.60 42.63 42.66 42.69 42.72 42.75 42.78 42.81 42.84 42.87 42.90 42.93 42.96 42.99 43.02 43.05 43.08 43.11 43.14 43.17 43.20 43.23 43.26 43.29 43.32 43.35 43.38 43.41 43.44 43.47 43.50 43.53 43.56 43.59 43.62 43.65 43.68 43.71 43.74 43.77 43.80 43.83 43.86 43.89 43.92 43.95 43.98 44.01 44.04 44.07 44.10 44.13 44.16 44.19 44.22 44.25 44.28 44.31 44.34 44.37 44.40 44.43 44.46 44.49 44.52 44.55 44.58 44.61 44.64 44.67 44.70 44.73 44.76 44.79 44.82 44.85 44.88 44.91 44.94 44.97 45.00 45.03 45.06 45.09 45.12 45.15 45.18 45.21 45.24 45.27 45.30 45.33 45.36 45.39 45.42 45.45 45.48 45.51 45.54 45.57 45.60 45.63 45.66 45.69 45.72 45.75 45.78 45.81 45.84 45.87 45.90 45.93 45.96 45.99 46.02 46.05 46.08 46.11 46.14 46.17 46.20 46.23 46.26 46.29 46.32 46.35 46.38 46.41 46.44 46.47 46.50 46.53 46.56 46.59 46.62 46.65 46.68 46.71 46.74 46.77 46.80 46.83 46.86 46.89 46.92 46.95 46.98 47.01 47.04 47.07 47.10 47.13 47.16 47.19 47.22 47.25 47.28 47.31 47.34 47.37 47.40 47.43 47.46 47.49 47.52 47.55 47.58 47.61 47.64 47.67 47.70 47.73 47.76 47.79 47.82 47.85 47.88 47.91 47.94 47.97 48.00 48.03 48.06 48.09 48.12 48.15 48.18 48.21 48.24 48.27 48.30 48.33 48.36 48.39 48.42 48.45 48.48 48.51 48.54 48.57 48.60 48.63 48.66 48.69 48.72 48.75 48.78 48.81 48.84 48.87 48.90 48.93 48.96 48.99 49.02 49.05 49.08 49.11 49.14 49.17 49.20 49.23 49.26 49.29 49.32 49.35 49.38 49.41 49.44 49.47 49.50 49.53 49.56 49.59 49.62 49.65 49.68 49.71 49.74 49.77 49.80 49.83 49.86 49.89 49.92 49.95 49.98 50.01 50.04 50.07 50.10 50.13 50.16 50.19 50.22 50.25 50.28 50.31 50.34 50.37 50.40 50.43 50.46 50.49 50.52 50.55 50.58 50.61 50.64 50.67 50.70 50.73 50.76 50.79 50.82 50.85 50.88 50.91 50.94 50.97 51.00 51.03 51.06 51.09 51.12 51.15 51.18 51.21 51.24 51.27 51.30 51.33 51.36 51.39 51.42 51.45 51.48 51.51 51.54 51.57 51.60 51.63 51.66 51.69 51.72 51.75 51.78 51.81 51.84 51.87 51.90 51.93 51.96 51.99 52.02 52.05 52.08 52.11 52.14 52.17 52.20 52.23 52.26 52.29 52.32 52.35 52.38 52.41 52.44 52.47 52.50 52.53 52.56 52.59 52.62 52.65 52.68 52.71 52.74 52.77 52.80 52.83 52.86 52.89 52.92 52.95 52.98 53.01 53.04 53.07 53.10 53.13 53.16 53.19 53.22 53.25 53.28 53.31 53.34 53.37 53.40 53.43 53.46 53.49 53.52 53.55 53.58 53.61 53.64 53.67 53.70 53.73 53.76 53.79 53.82 53.85 53.88 53.91 53.94 53.97 54.00 54.03 54.06 54.09 54.12 54.15 54.18 54.21 54.24 54.27 54.30 54.33 54.36 54.39 54.42 54.45 54.48 54.51 54.54 54.57 54.60 54.63 54.66 54.69 54.72 54.75 54.78 54.81 54.84 54.87 54.90 54.93 54.96 54.99 55.02 55.05 55.08 55.11 55.14 55.17 55.20 55.23 55.26 55.29 55.32 55.35 55.38 55.41 55.44 55.47 55.50 55.53 55.56 55.59 55.62 55.65 55.68 55.71 55.74 55.77 55.80 55.83 55.86 55.89 55.92 55.95 55.98 56.01 56.04 56.07 56.10 56.13 56.16 56.19 56.22 56.25 56.28 56.31 56.34 56.37 56.40 56.43 56.46 56.49 56.52 56.55 56.58 56.61 56.64 56.67 56.70 56.73 56.76 56.79 56.82 56.85 56.88 56.91 56.94 56.97 57.00 57.03 57.06 57.09 57.12 57.15 57.18 57.21 57.24 57.27 57.30 57.33 57.36 57.39 57.42 57.45 57.48 57.51 57.54 57.57 57.60 57.63 57.66 57.69 57.72 57.75 57.78 57.81 57.84 57.87 57.90 57.93 57.96 57.99 58.02 58.05 58.08 58.11 58.14 58.17 58.20 58.23 58.26 58.29 58.32 58.35 58.38 58.41 58.44 58.47 58.50 58.53 58.56 58.59 58.62 58.65 58.68 58.71 58.74 58.77 58.80 58.83 58.86 58.89 58.92 58.95 58.98 59.01 59.04 59.07 59.10 59.13 59.16 59.19 59.22 59.25 59.28 59.31 59.34 59.37 59.40 59.43 59.46 59.49 59.52 59.55 59.58 59.61 59.64 59.67 59.70 59.73 59.76 59.79 59.82 59.85 59.88 59.91 59.94 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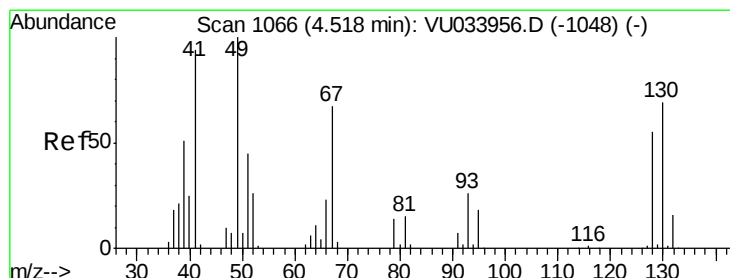
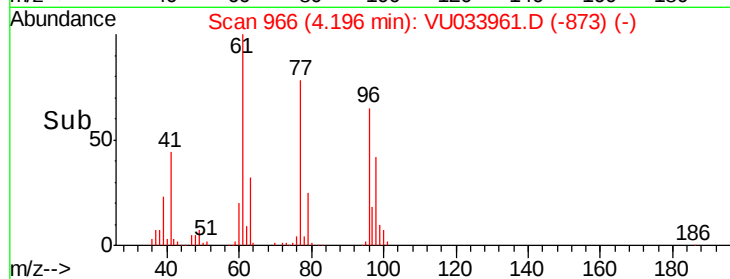
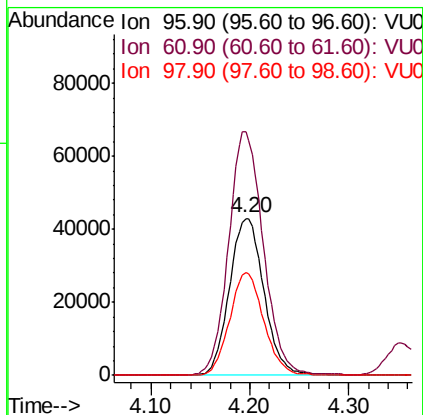
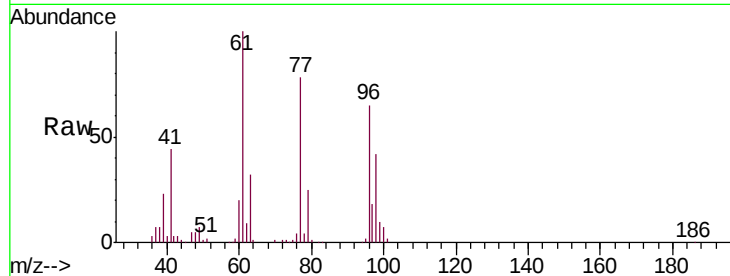


#27

cis-1,2-Dichloroethene
Concen: 20.285 ug/l
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

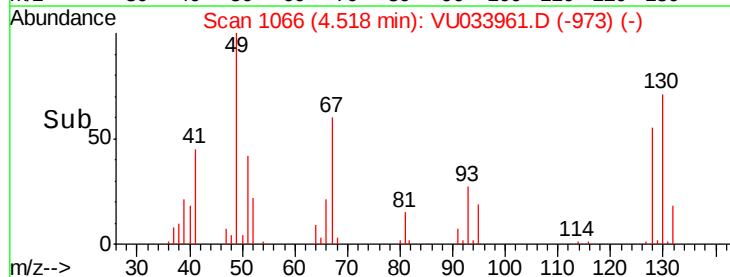
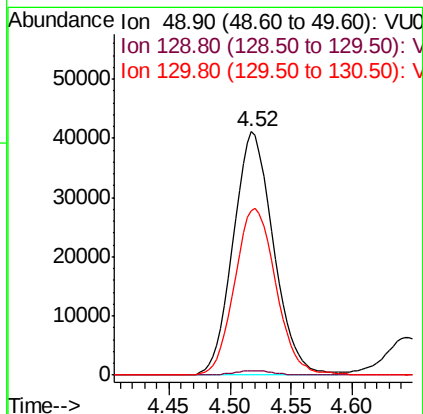
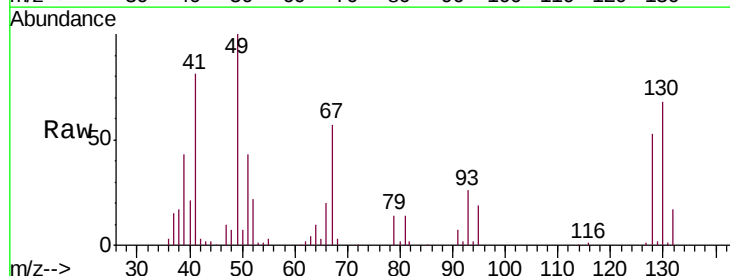
Tgt Ion: 96 Resp: 105161
Ion Ratio Lower Upper
96 100
61 155.6 0.0 312.2
98 64.7 0.0 129.4

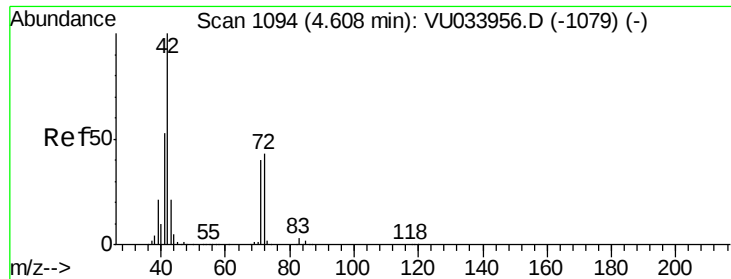


#28

Bromochloromethane
Concen: 20.728 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 49 Resp: 94138
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 70.2 56.2 84.4

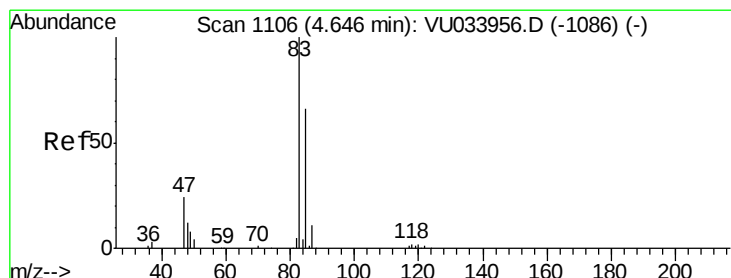
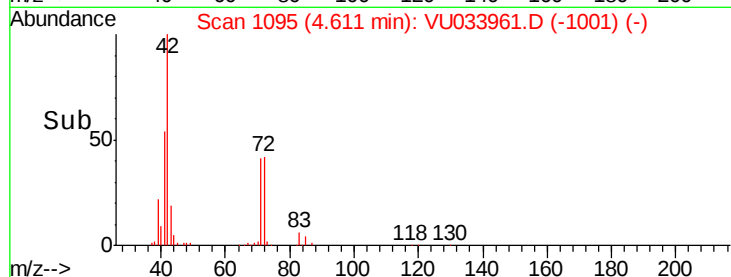
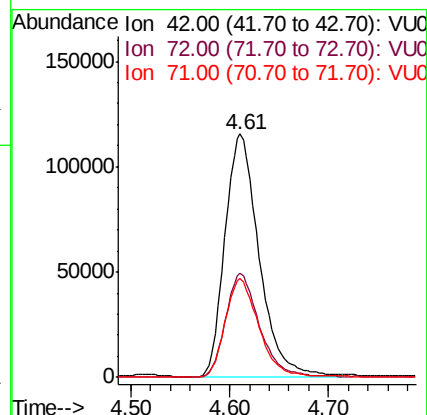
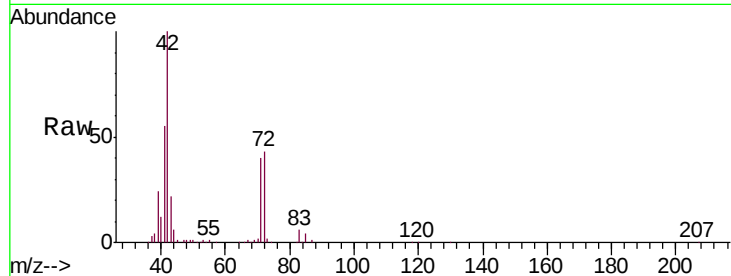




#29
Tetrahydrofuran
Concen: 105.621 ug/l
RT: 4.61 min Scan# 1095
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

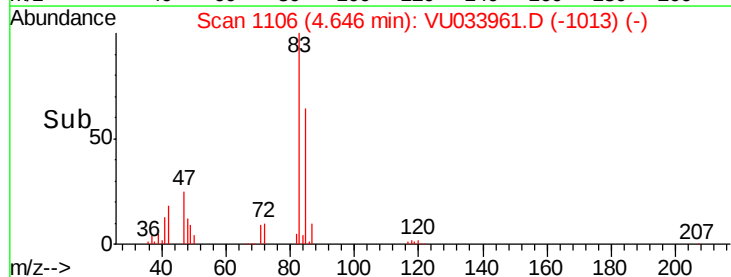
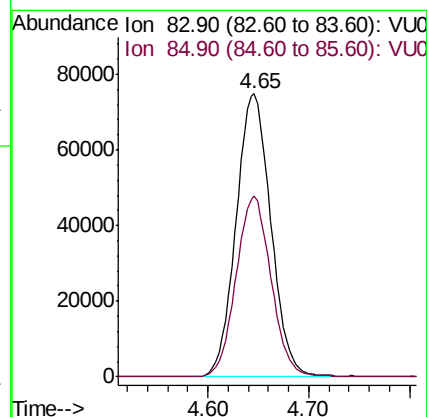
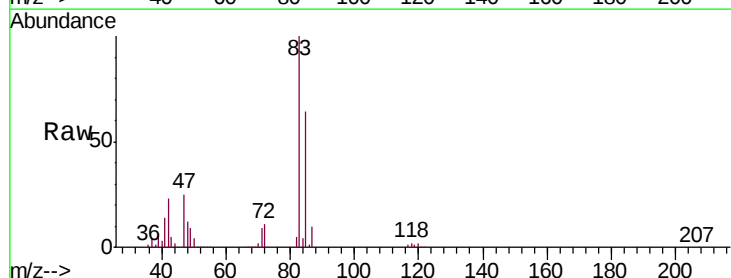
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

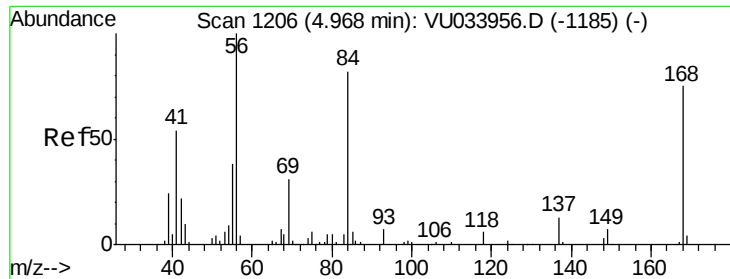
Tgt Ion: 42 Resp: 278952
Ion Ratio Lower Upper
42 100
72 42.6 34.6 52.0
71 40.2 32.1 48.1



#30
Chloroform
Concen: 19.398 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 83 Resp: 179452
Ion Ratio Lower Upper
83 100
85 63.8 52.4 78.6

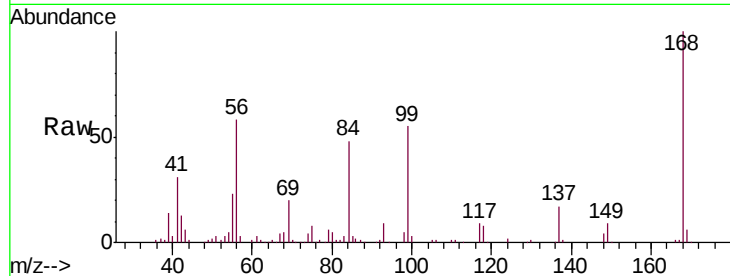




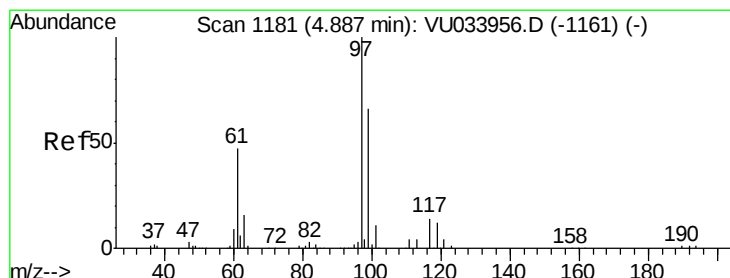
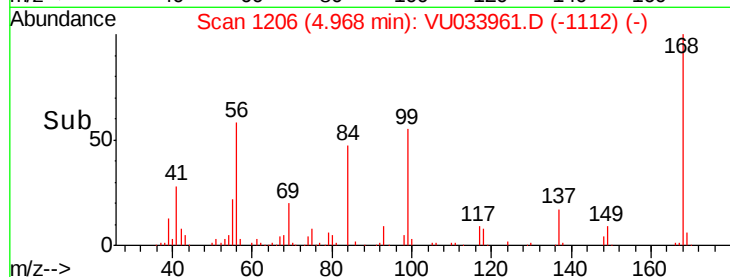
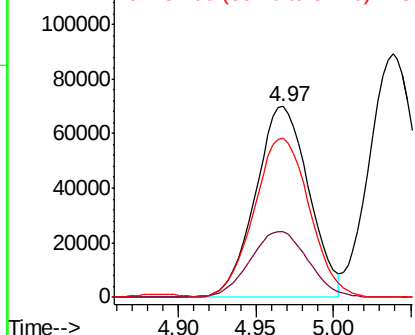
#31
Cyclohexane
Concen: 20.414 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion: 56 Resp: 168326
Ion Ratio Lower Upper
56 100
69 34.3 24.6 37.0
84 82.7 65.4 98.0

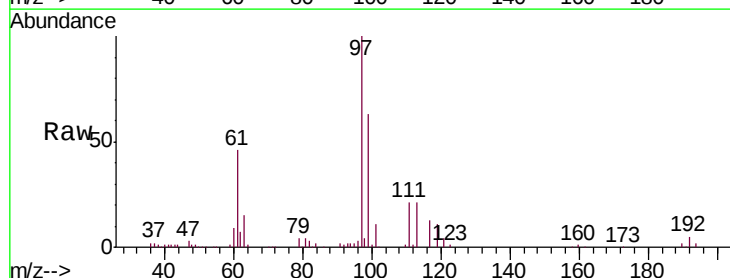


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

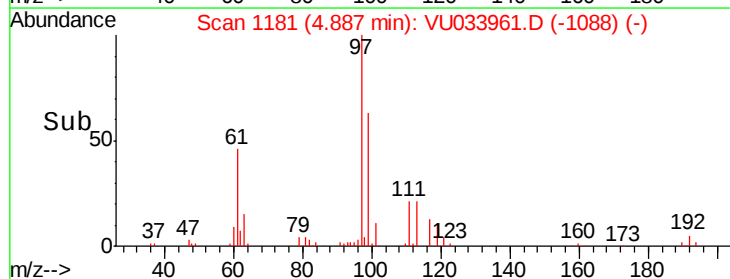
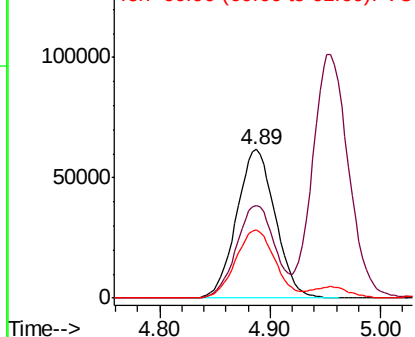


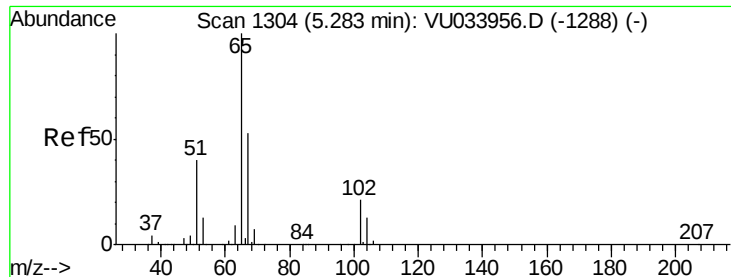
#32
1,1,1-Trichloroethane
Concen: 19.887 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 97 Resp: 150421
Ion Ratio Lower Upper
97 100
99 62.3 51.4 77.0
61 46.6 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

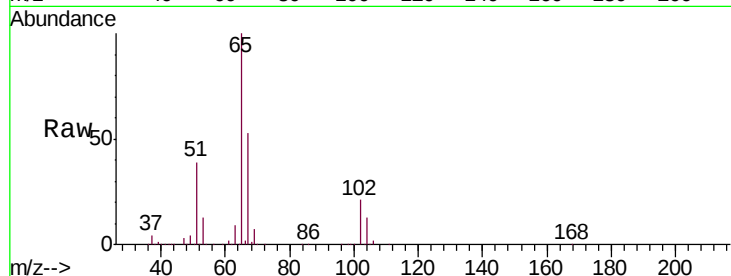
VU0827WBS01

Tgt Ion: 65 Resp: 295822

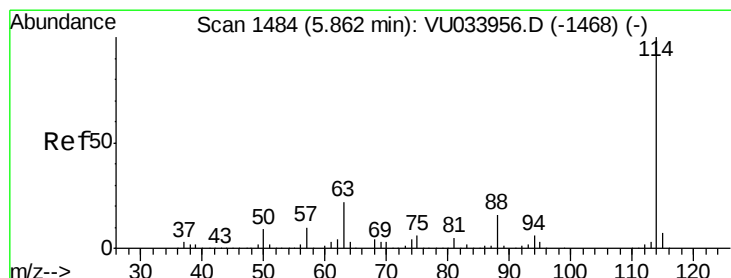
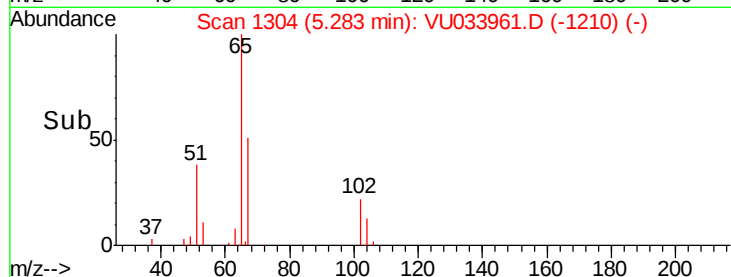
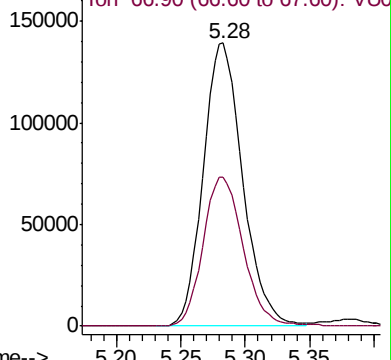
Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033961.D (-1210) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

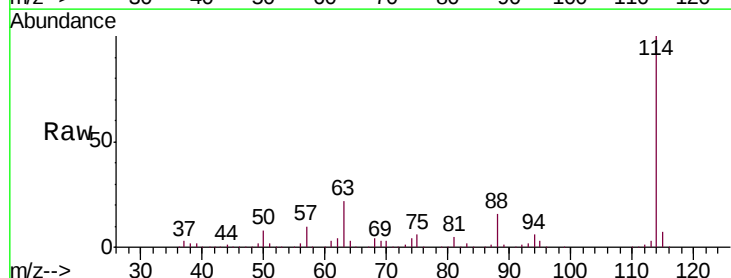
Tgt Ion: 114 Resp: 665453

Ion Ratio Lower Upper

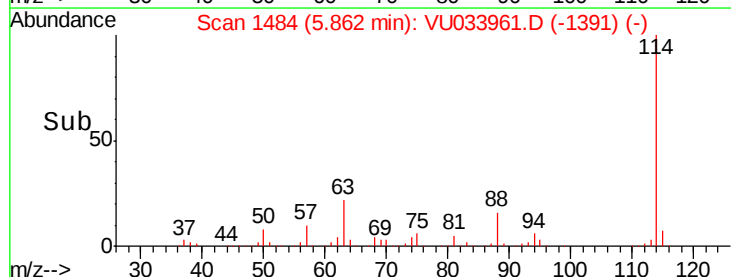
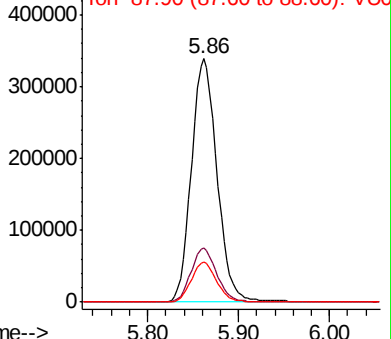
114 100

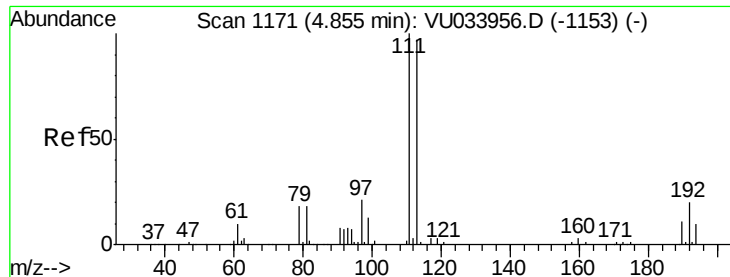
63 22.1 0.0 44.2

88 16.3 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU033961.D (-1391) (-)

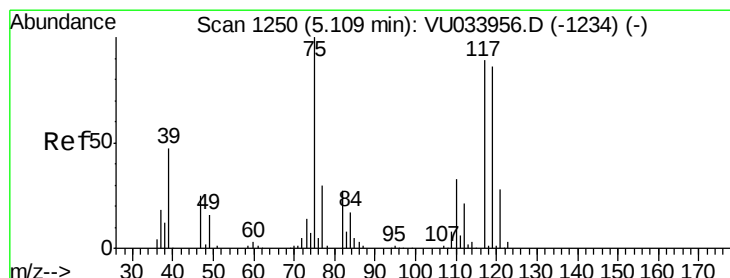
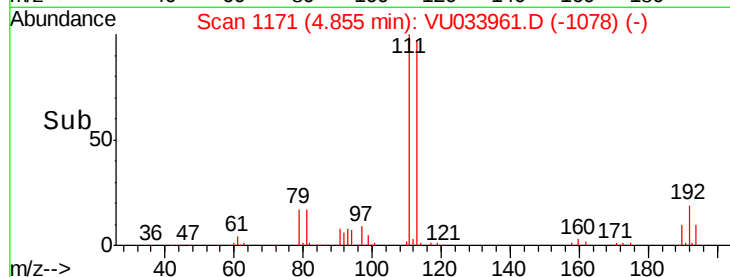
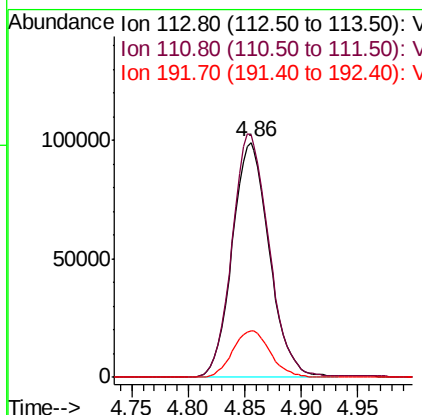
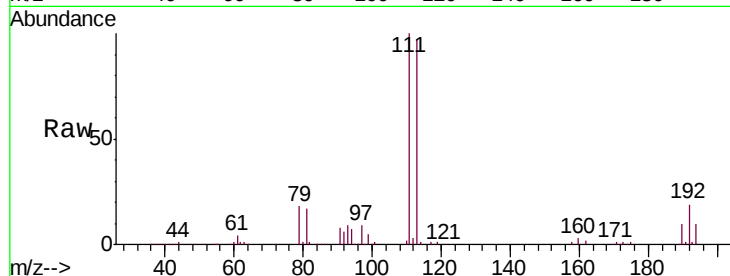




#35
 Dibromofluoromethane
 Concen: 48.962 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

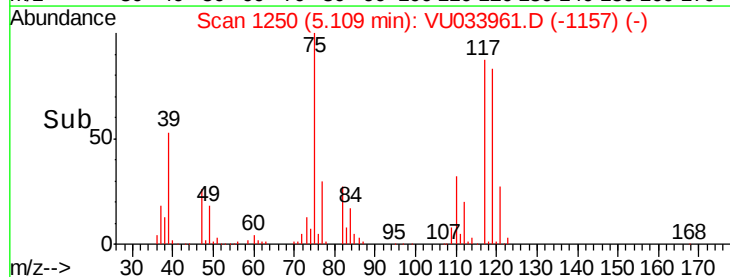
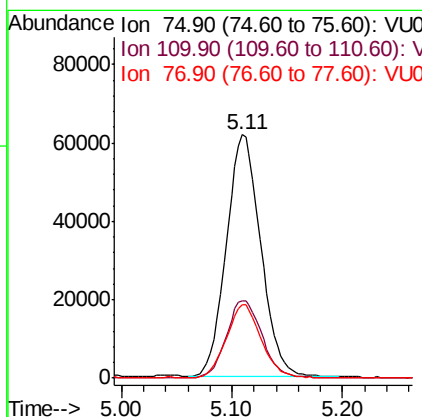
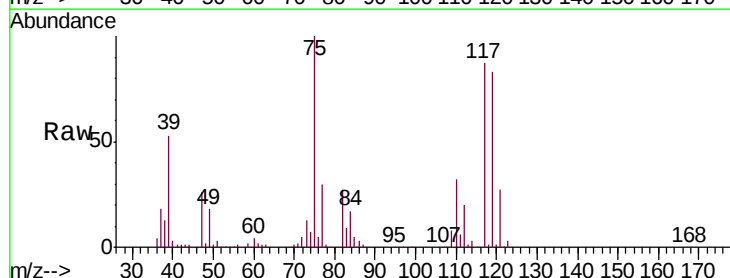
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

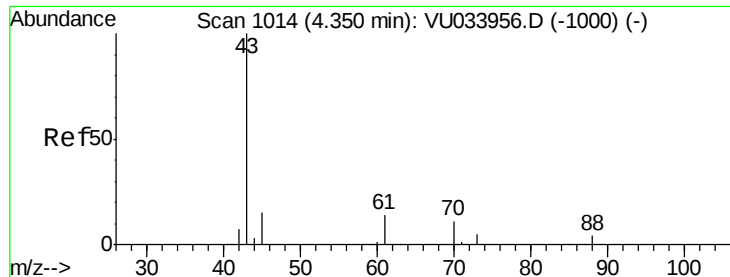
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	20.2	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 19.421 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.8	50.4
77	30.2	24.7	37.1

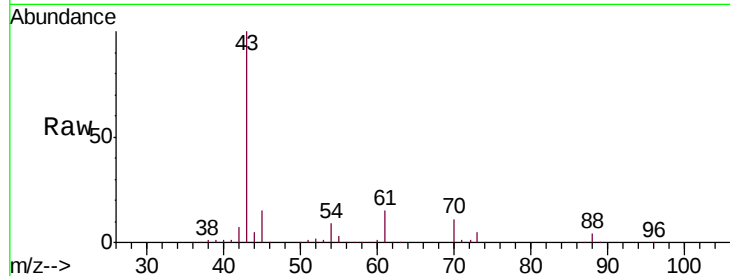




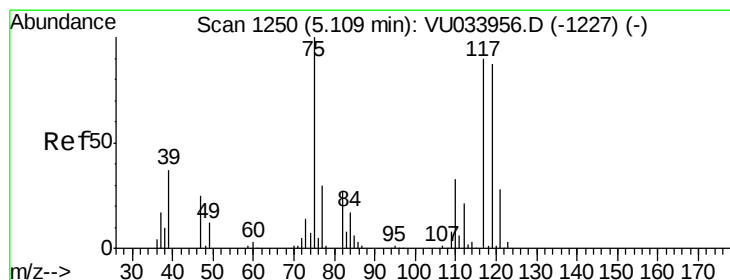
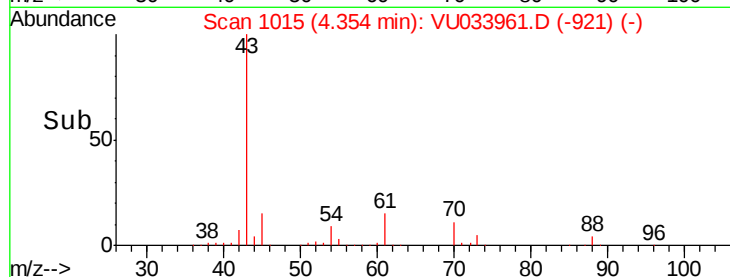
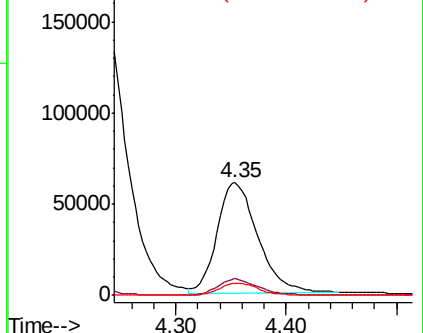
#37
Ethyl Acetate
Concen: 19.034 ug/l
RT: 4.35 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion: 43 Resp: 154818
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.6 8.2 12.4

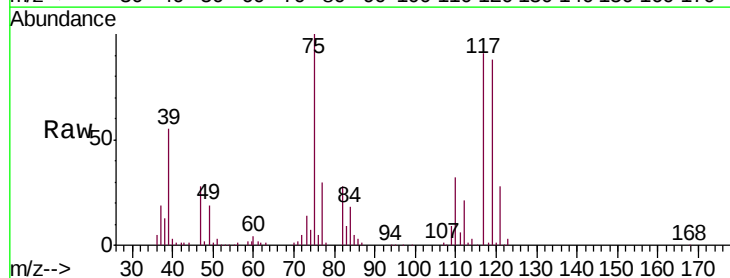


Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1000) (-)
Ion 60.90 (60.60 to 61.60): VU033956.D (-1000) (-)
Ion 70.00 (69.70 to 70.70): VU033956.D (-1000) (-)

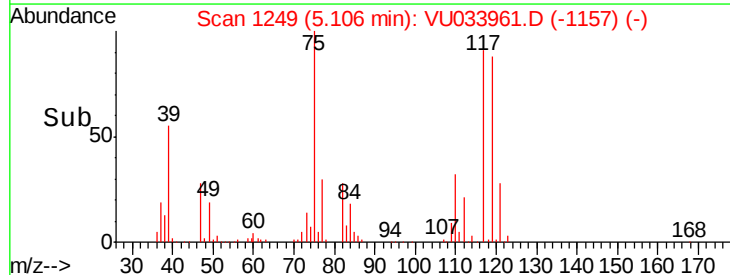
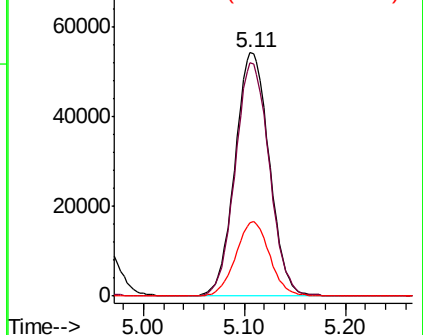


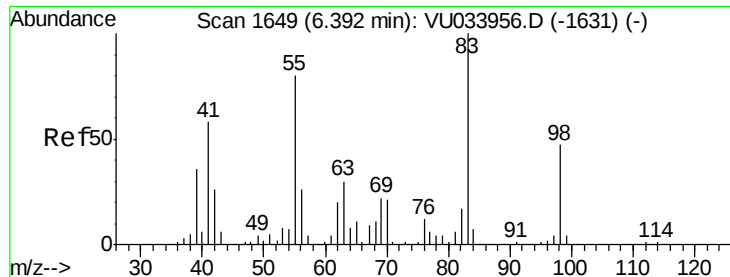
#38
Carbon Tetrachloride
Concen: 18.699 ug/l
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 117 Resp: 127938
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
121 30.1 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): VU033956.D (-1227) (-)
Ion 118.80 (118.50 to 119.50): VU033956.D (-1227) (-)
Ion 120.80 (120.50 to 121.50): VU033956.D (-1227) (-)

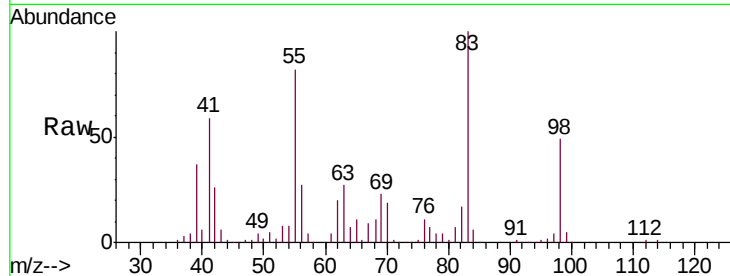




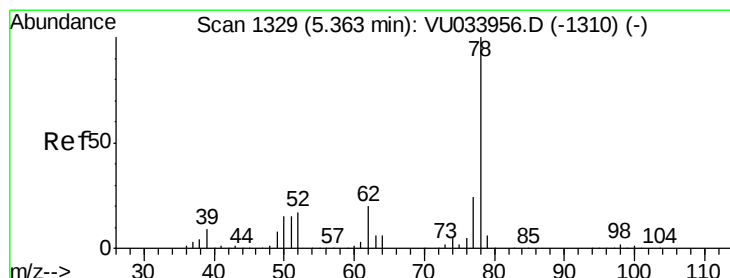
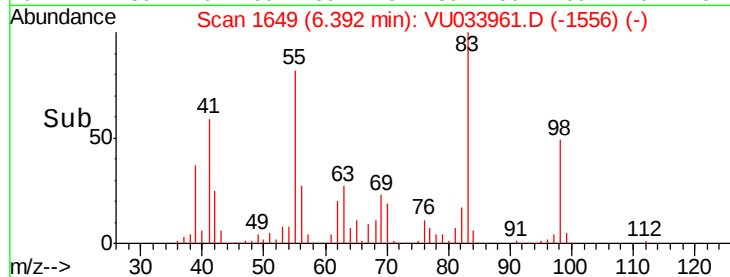
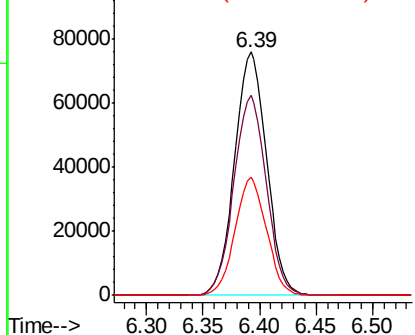
#39
Methylcyclohexane
Concen: 19.756 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion: 83 Resp: 150262
Ion Ratio Lower Upper
83 100
55 82.0 63.8 95.8
98 48.6 37.7 56.5

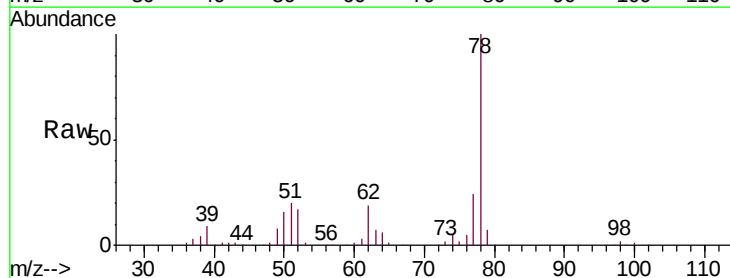


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

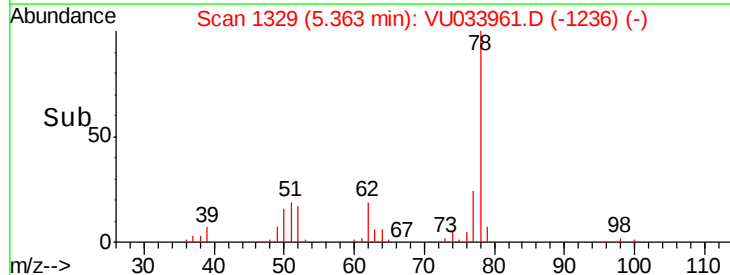
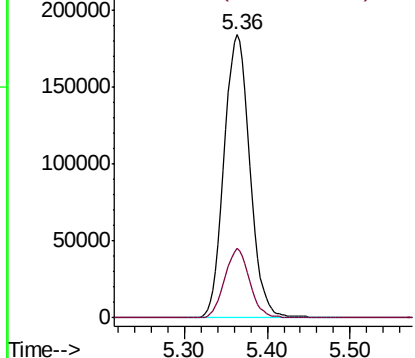


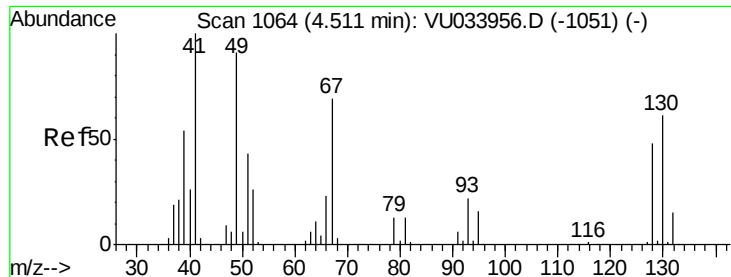
#40
Benzene
Concen: 19.573 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 78 Resp: 399661
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 20.131 ug/l

RT: 4.51 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

Tgt Ion: 41 Resp: 82514

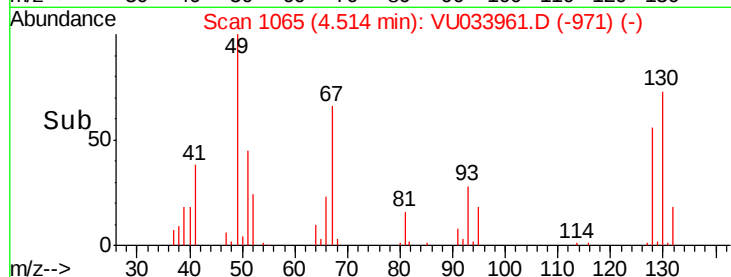
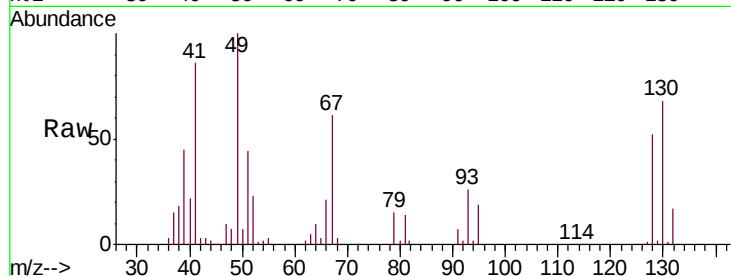
Ion Ratio Lower Upper

41 100

39 55.0 43.3 64.9

67 74.9 57.5 86.3

52 28.8 22.6 34.0

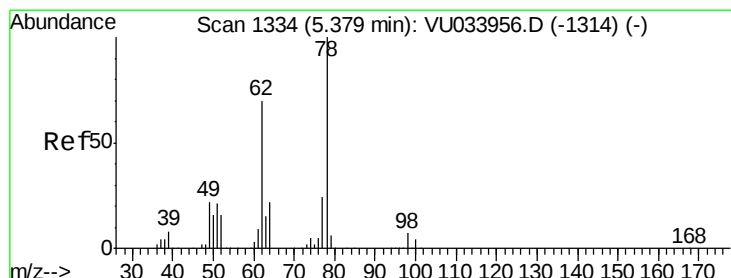
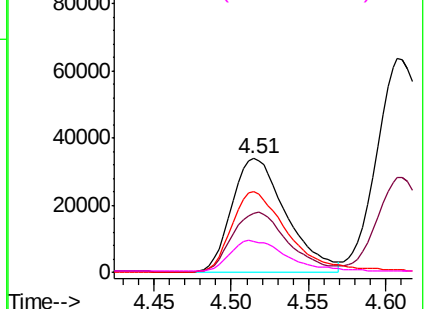


Abundance Ion 41.00 (40.70 to 41.70): VU033961.D (-971) (-)

Ion 39.00 (38.70 to 39.70): VU033961.D (-971) (-)

Ion 67.00 (66.70 to 67.70): VU033961.D (-971) (-)

Ion 52.00 (51.70 to 52.70): VU033961.D (-971) (-)



#42

1,2-Dichloroethane

Concen: 19.943 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033961.D

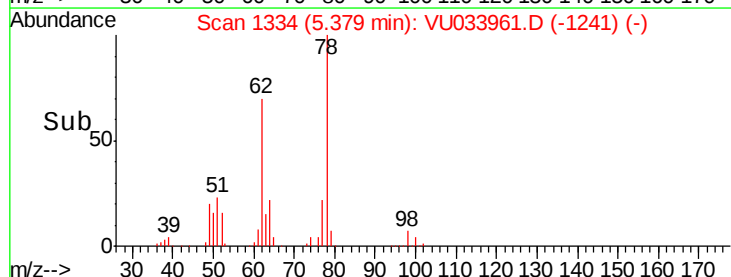
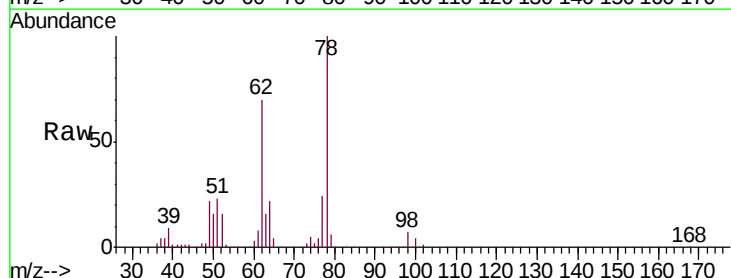
Acq: 26 Aug 2019 20:35

Tgt Ion: 62 Resp: 150360

Ion Ratio Lower Upper

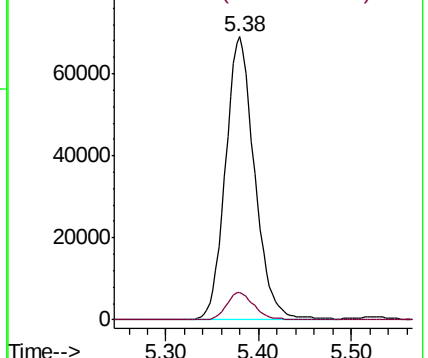
62 100

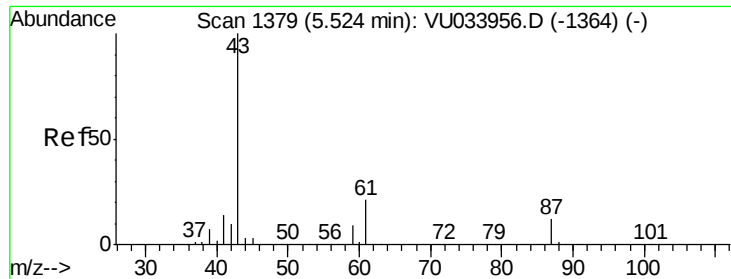
98 9.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU033961.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VU033961.D (-1241) (-)





#43

Isopropyl Acetate

Concen: 19.707 ug/l

RT: 5.52 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampled :

VU0827WBS01

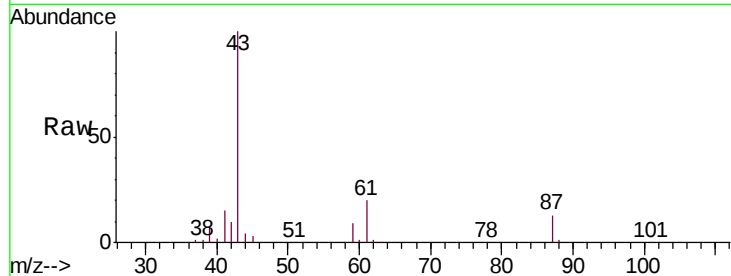
Tgt Ion: 43 Resp: 235113

Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

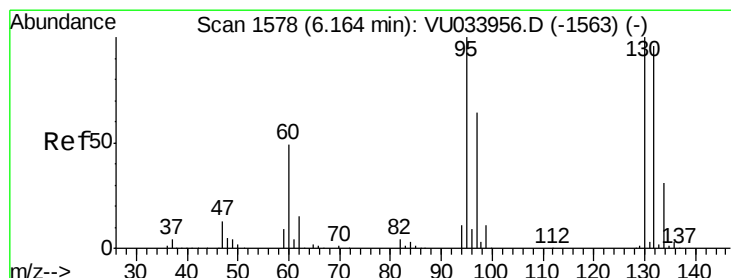
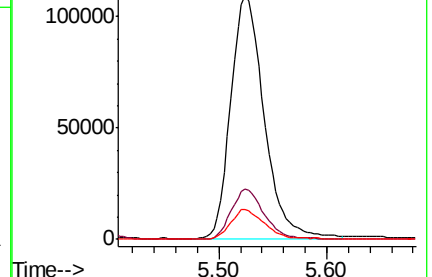
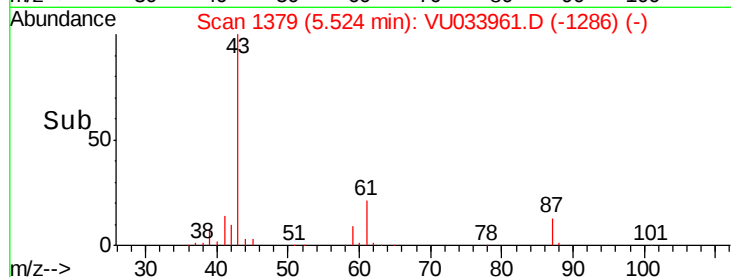
87 12.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VU033961.D (-1286) (-)

Ion 61.00 (60.70 to 61.70): VU033961.D (-1286) (-)

Ion 87.00 (86.70 to 87.70): VU033961.D (-1286) (-)



#44

Trichloroethene

Concen: 18.442 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033961.D

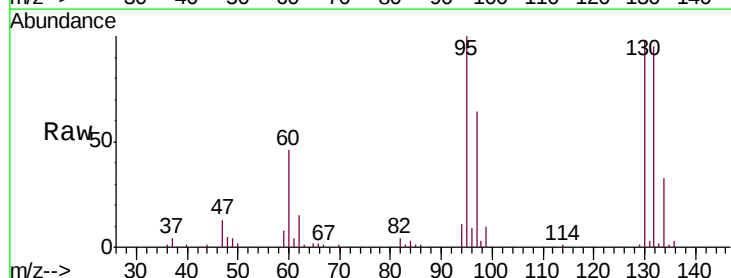
Acq: 26 Aug 2019 20:35

Tgt Ion: 130 Resp: 97457

Ion Ratio Lower Upper

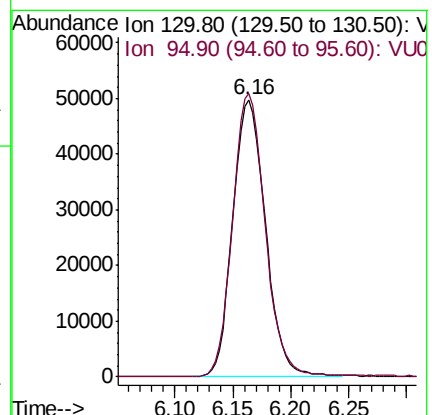
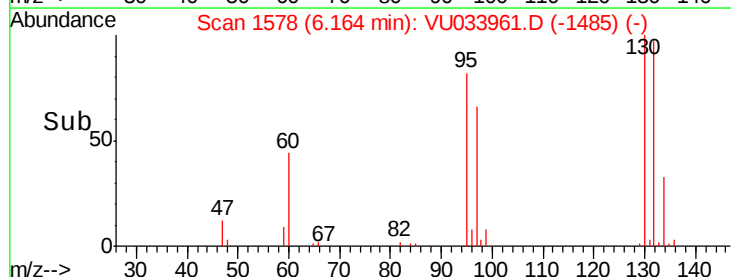
130 100

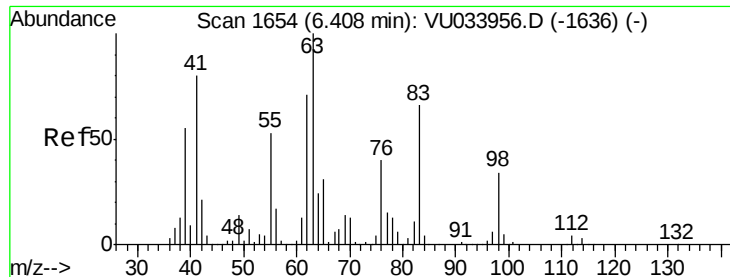
95 102.1 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VU033961.D (-1485) (-)

Ion 94.90 (94.60 to 95.60): VU033961.D (-1485) (-)





#45

1,2-Dichloropropane

Concen: 18.720 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

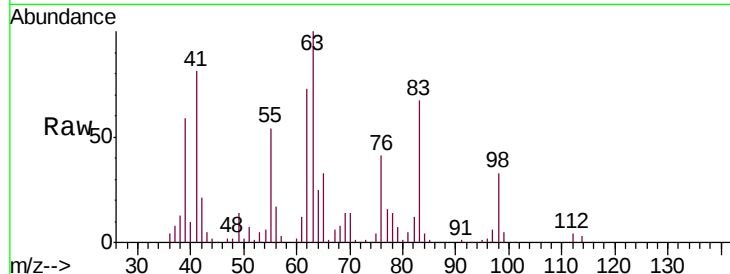
VU0827WBS01

Tgt Ion: 63 Resp: 105823

Ion Ratio Lower Upper

63 100

65 33.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VU033956.D (-1636) (-)

Ion 64.90 (64.60 to 65.60): VU033956.D (-1636) (-)

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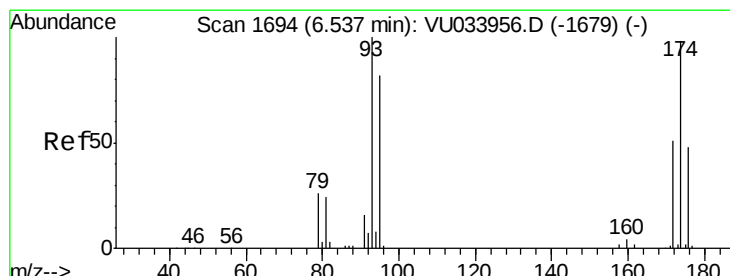
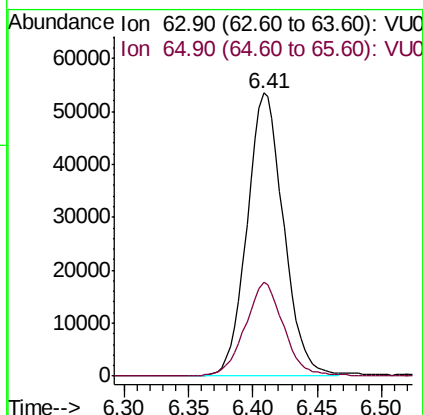
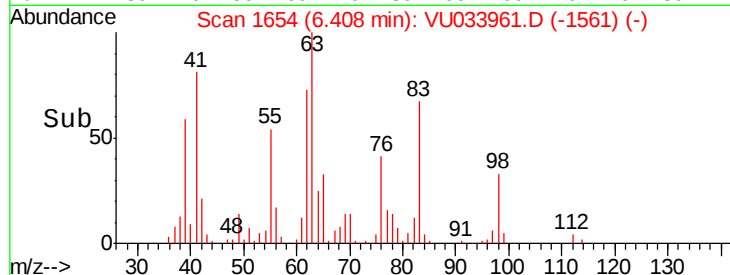
6.41

6.41

6.41

6.41

6.41



#46

Dibromomethane

Concen: 19.397 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

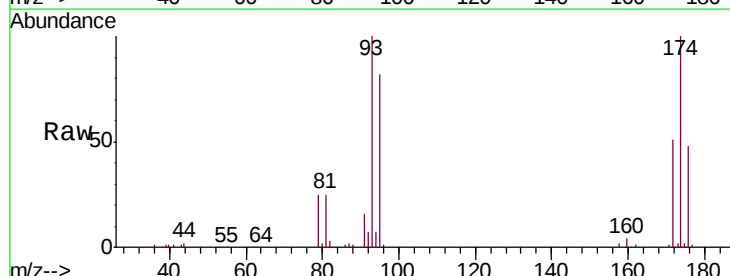
Tgt Ion: 93 Resp: 70465

Ion Ratio Lower Upper

93 100

95 83.2 67.3 100.9

174 98.0 79.7 119.5



Abundance Ion 92.80 (92.50 to 93.50): VU033956.D (-1679) (-)

Ion 94.80 (94.50 to 95.50): VU033956.D (-1679) (-)

Ion 173.70 (173.40 to 174.40): VU033956.D (-1679) (-)

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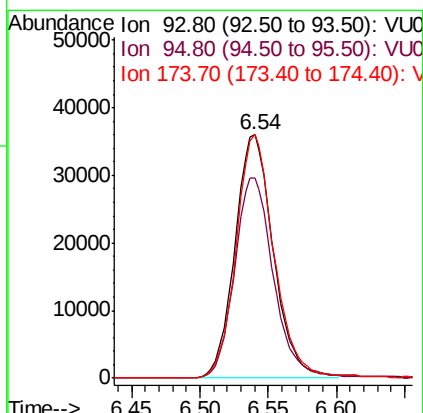
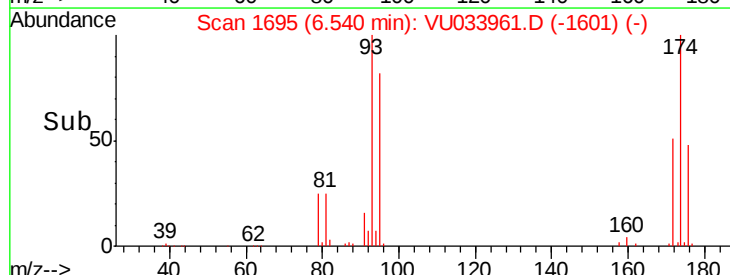
6.54

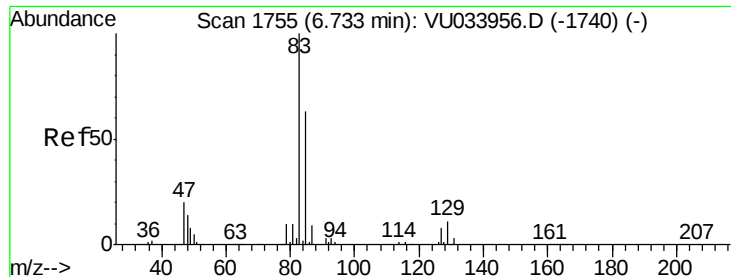
6.54

6.54

6.54

6.54

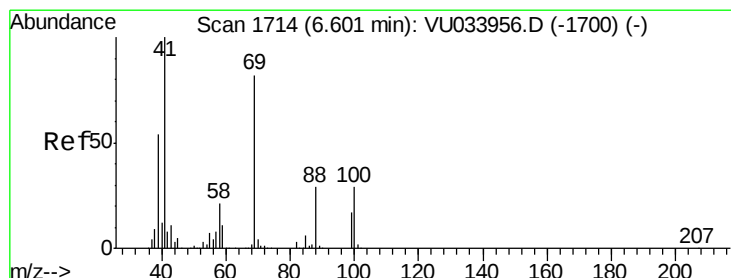
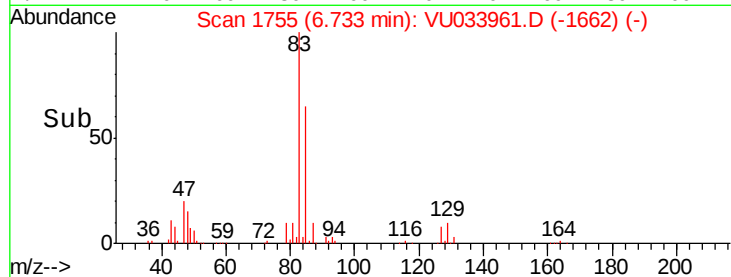
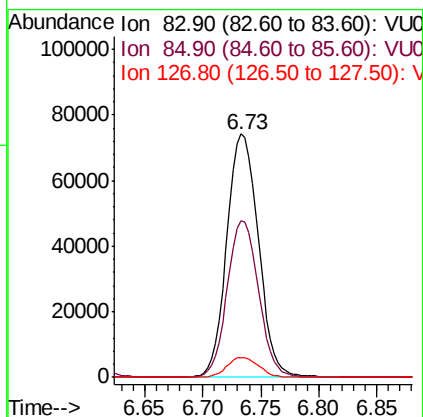
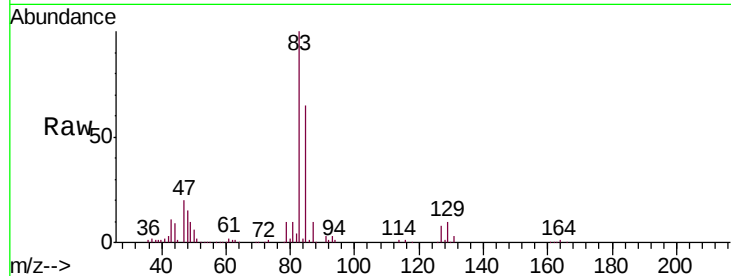




#47
 Bromodichloromethane
 Concen: 19.033 ug/l
 RT: 6.73 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

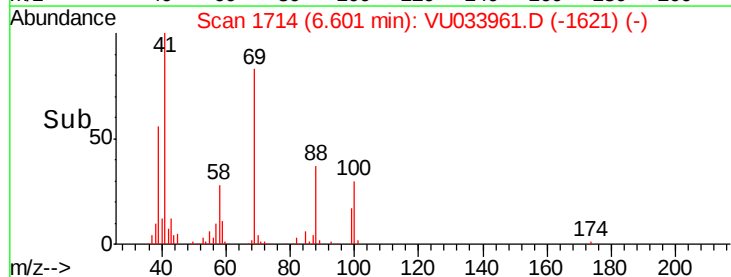
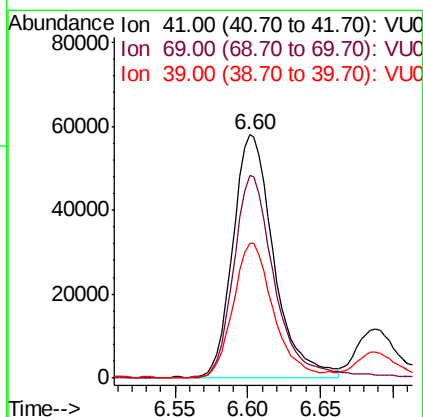
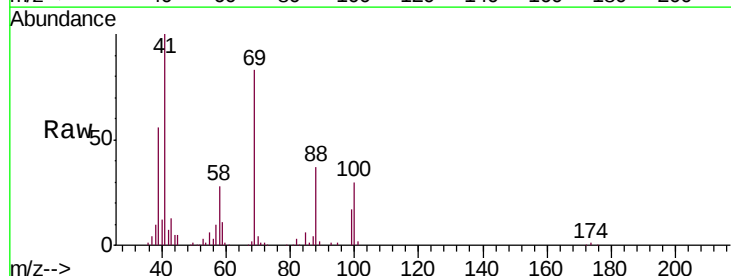
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

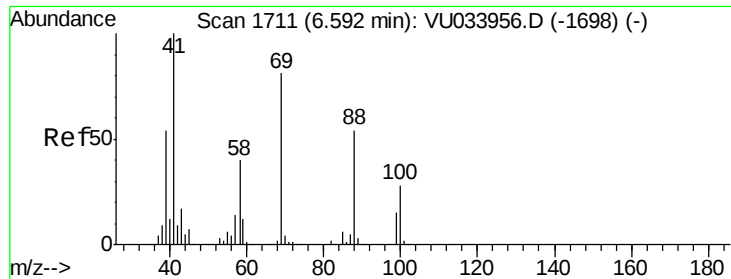
Tgt Ion: 83 Resp: 139821
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.5 75.7
 127 8.3 6.6 9.8



#48
 Methyl methacrylate
 Concen: 19.562 ug/l
 RT: 6.60 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 41 Resp: 112485
 Ion Ratio Lower Upper
 41 100
 69 85.0 66.9 100.3
 39 55.1 43.3 64.9

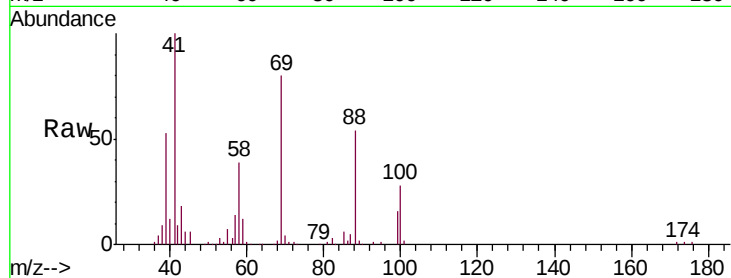




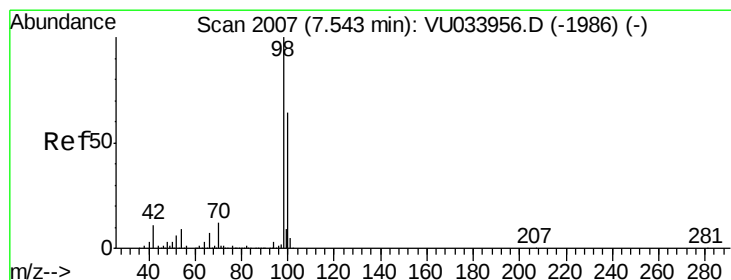
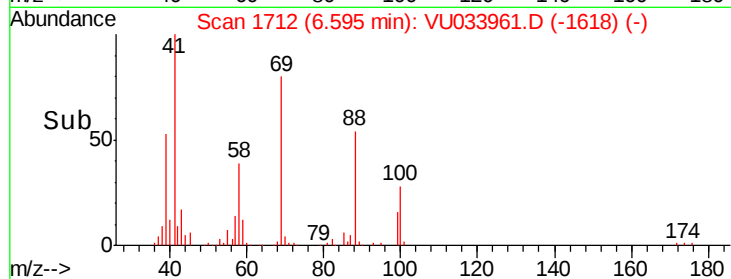
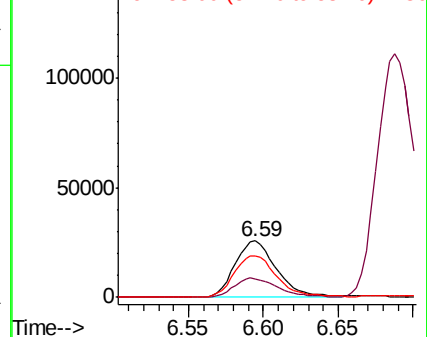
#49
1,4-Dioxane
Concen: 408.121 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion: 88 Resp: 49418
Ion Ratio Lower Upper
88 100
43 34.7 27.2 40.8
58 76.7 59.3 88.9

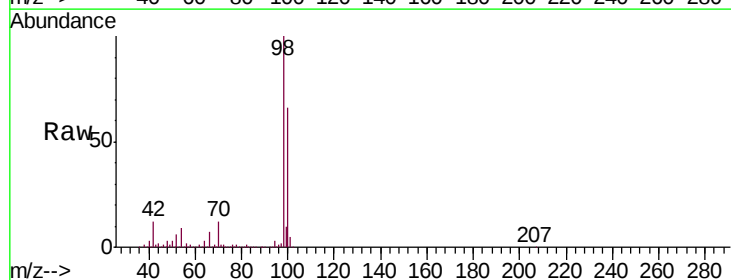


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

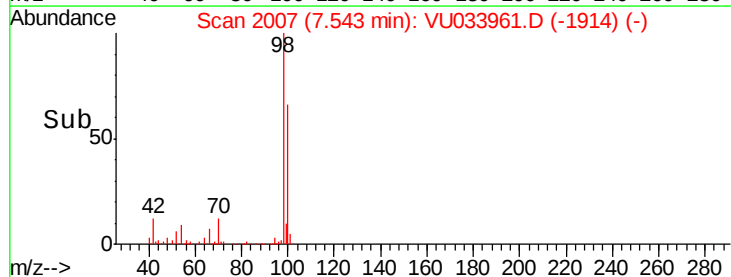
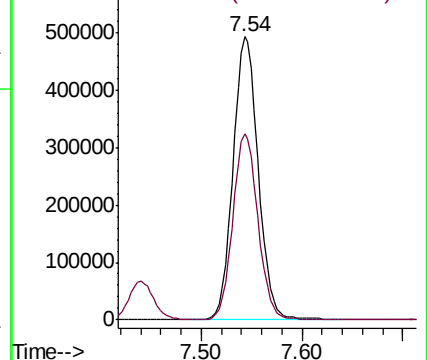


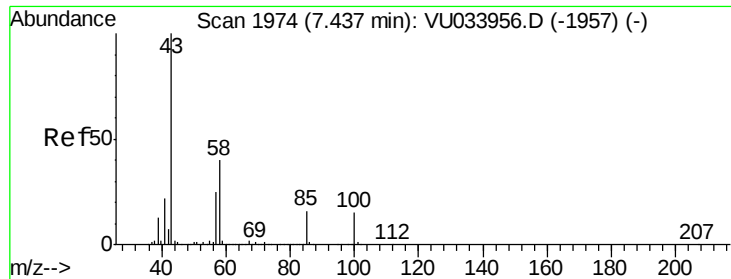
#50
Toluene-d8
Concen: 50.170 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 98 Resp: 859011
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

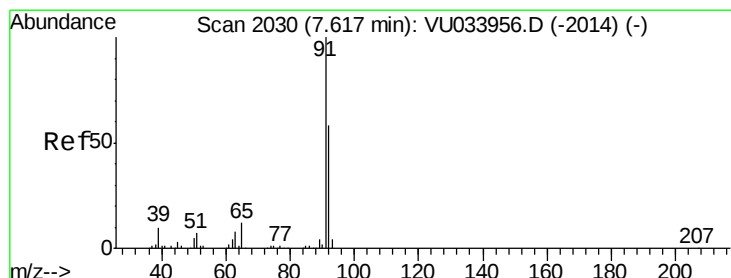
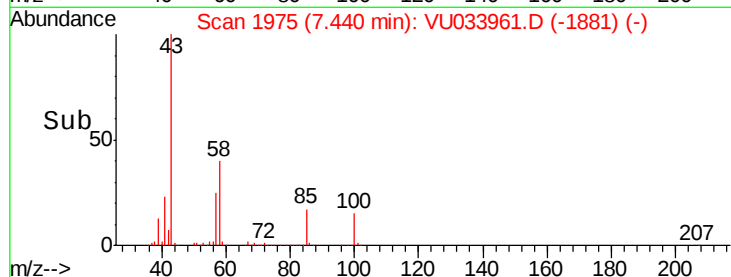
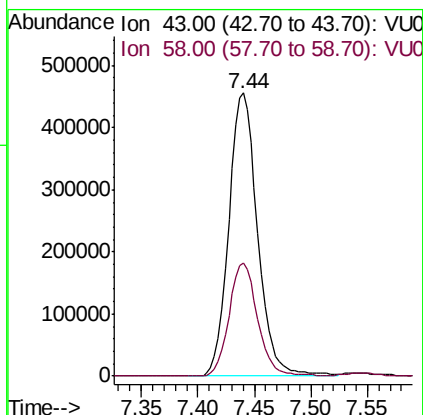
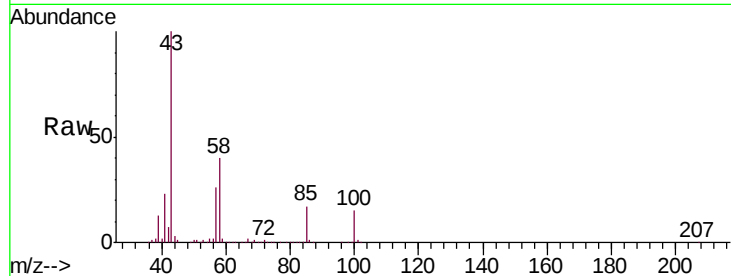




#51
 4-Methyl-2-Pentanone
 Concen: 99.431 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

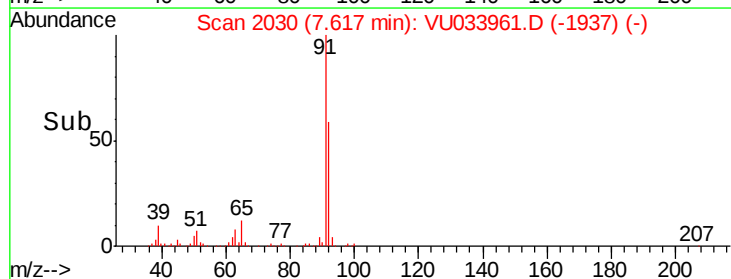
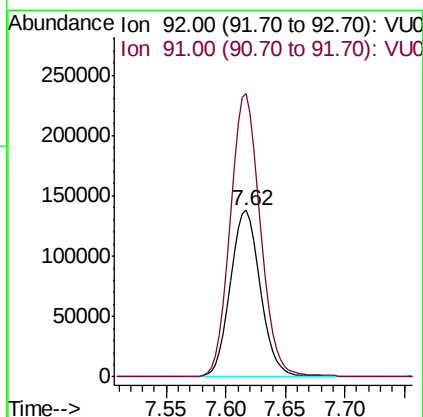
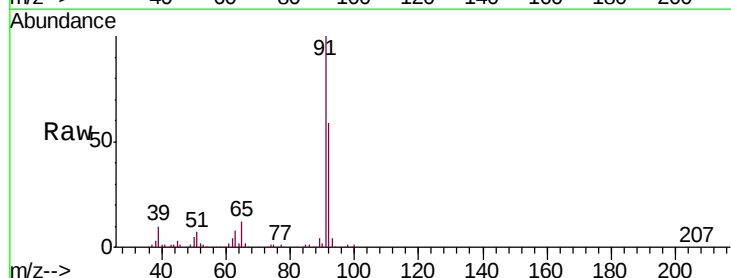
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

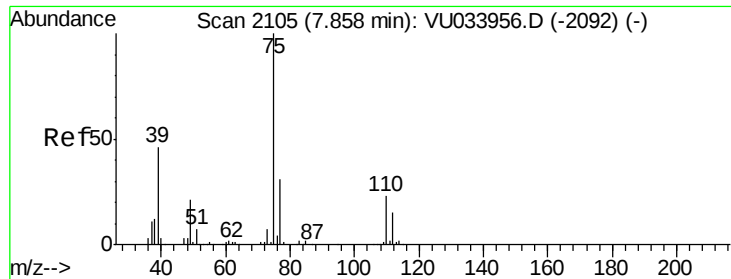
Tgt Ion: 43 Resp: 805324
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.6 47.4



#52
 Toluene
 Concen: 20.442 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 92 Resp: 242395
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.825 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

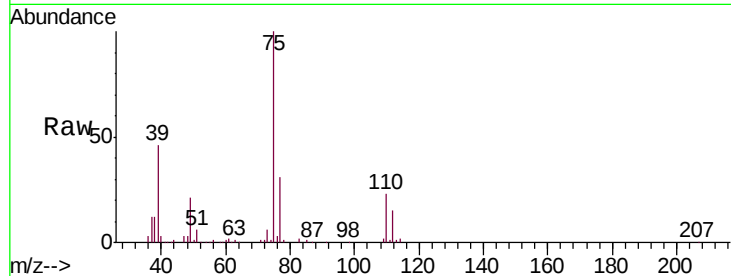
VU0827WBS01

Tgt Ion: 75 Resp: 151683

Ion Ratio Lower Upper

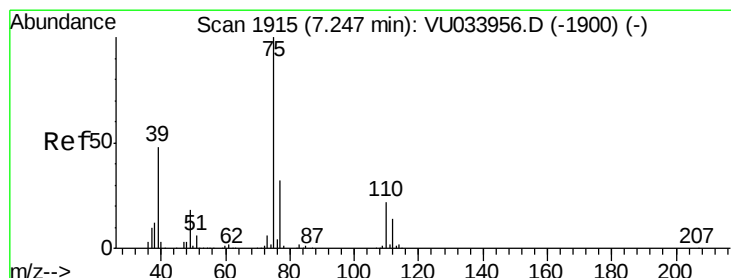
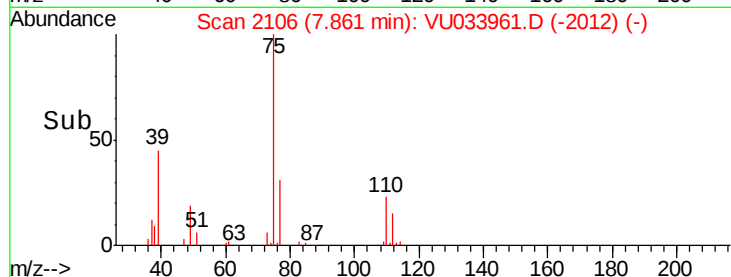
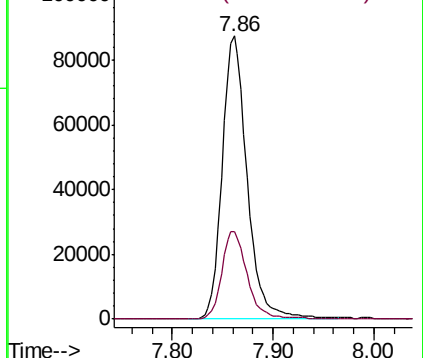
75 100

77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 20.026 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

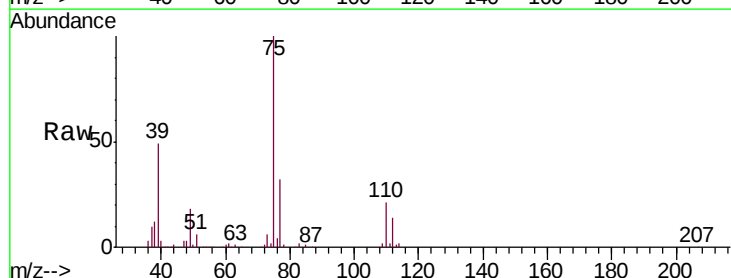
Tgt Ion: 75 Resp: 169829

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

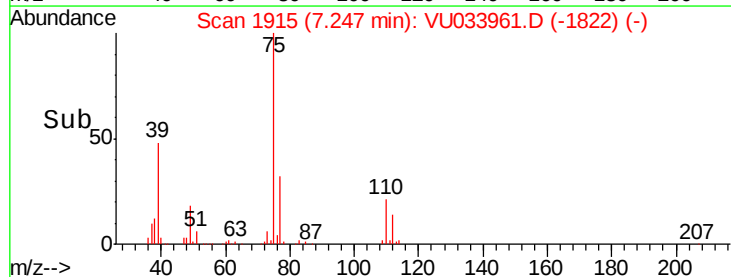
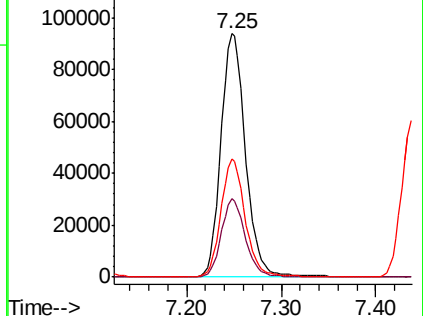
39 48.4 38.3 57.5

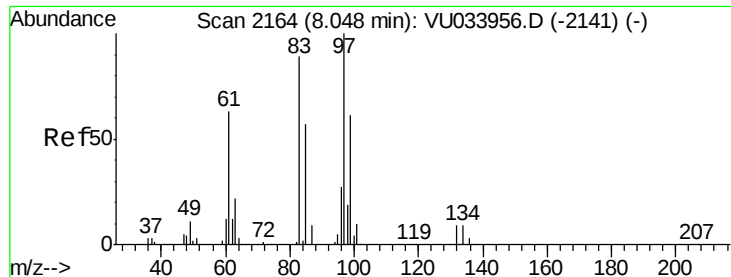


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

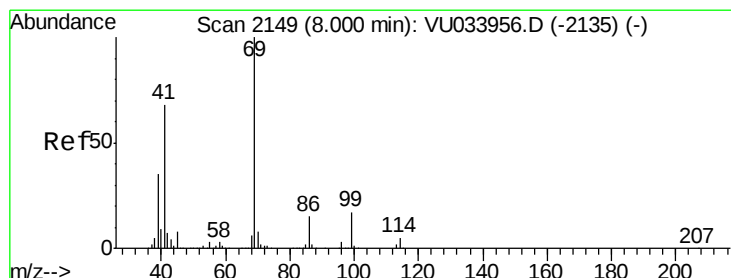
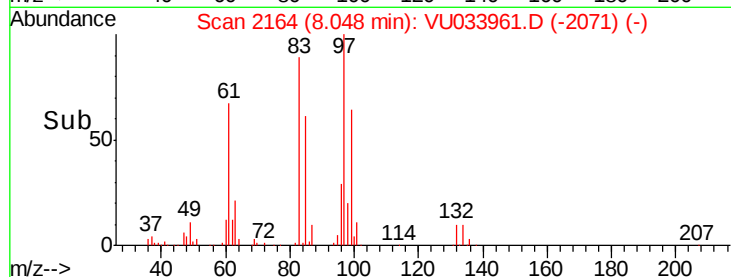
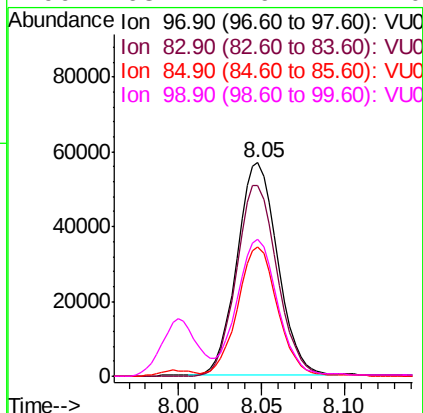
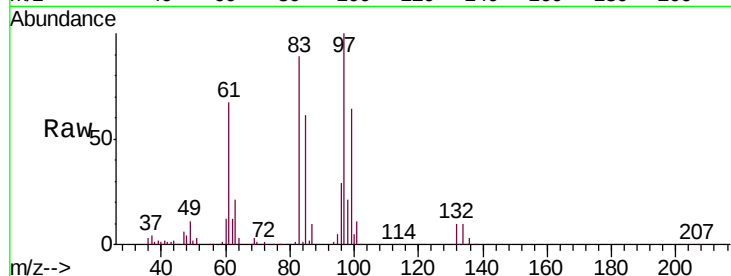




#55
 1,1,2-Trichloroethane
 Concen: 18.486 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

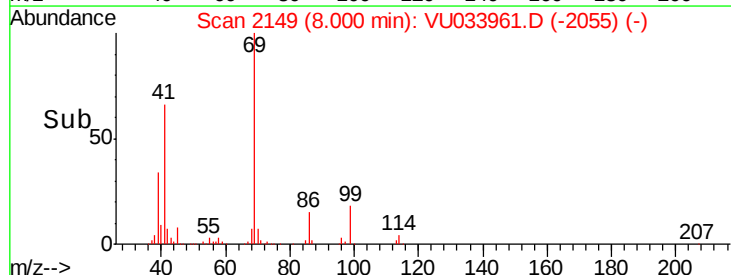
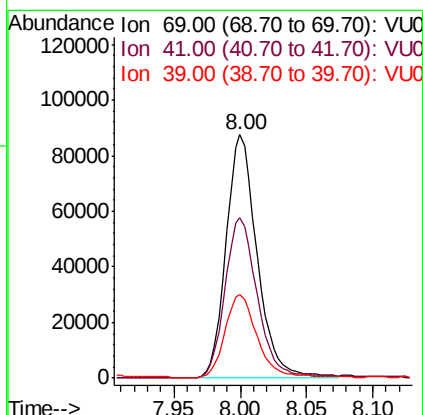
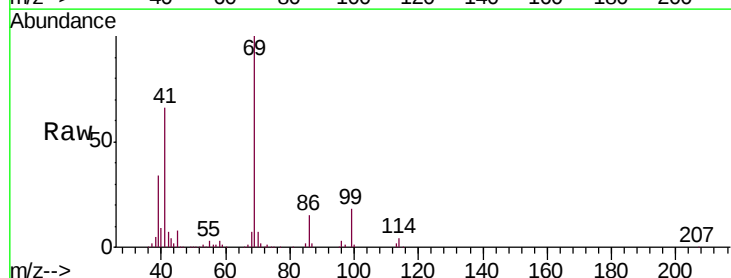
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

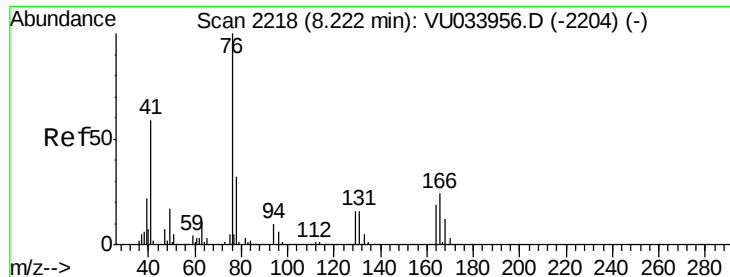
Tgt Ion:	97	Resp:	96682
Ion	Ratio	Lower	Upper
97	100		
83	89.9	71.0	106.4
85	60.5	45.5	68.3
99	63.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.127 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion:	69	Resp:	143094
Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.1	81.1
39	34.5	28.1	42.1





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

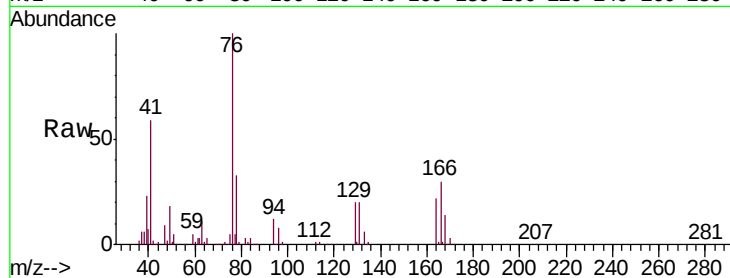
VU0827WBS01

Tgt Ion: 76 Resp: 177286

Ion Ratio Lower Upper

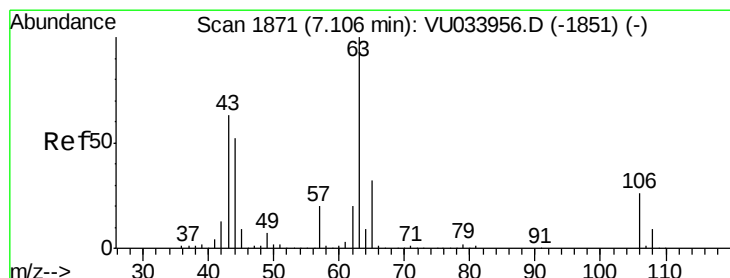
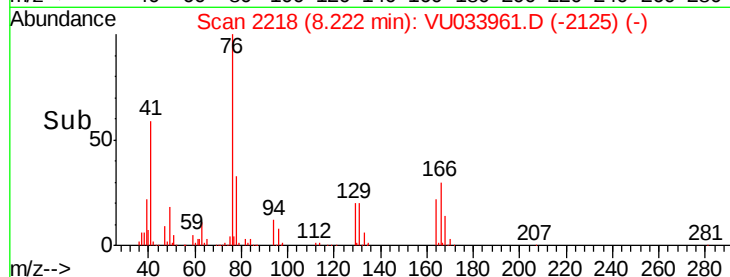
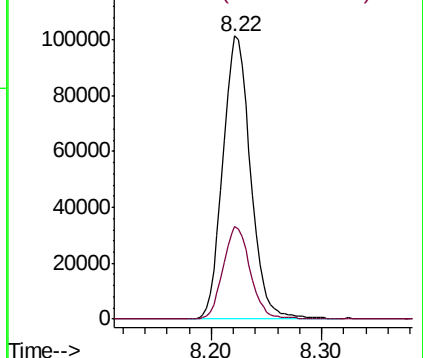
76 100

78 31.9 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU033956.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU033956.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 94.929 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU033961.D

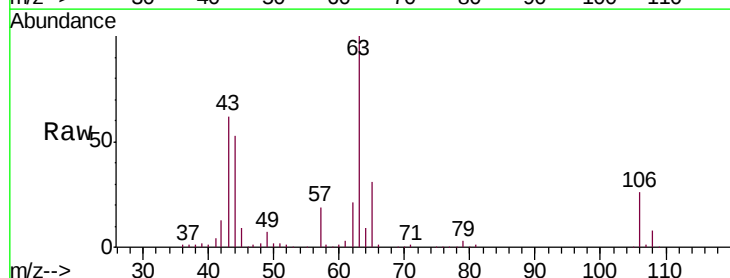
Acq: 26 Aug 2019 20:35

Tgt Ion: 63 Resp: 255740

Ion Ratio Lower Upper

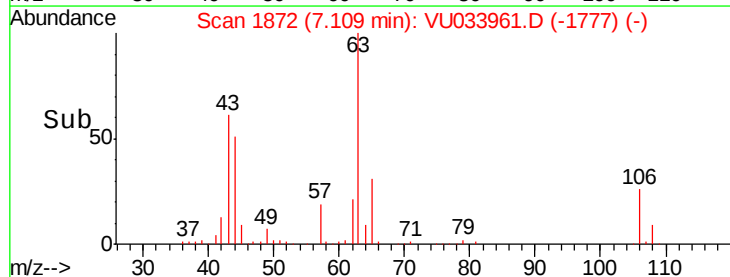
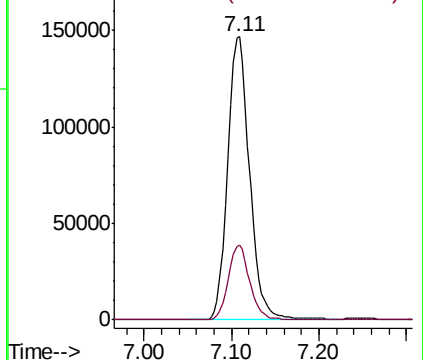
63 100

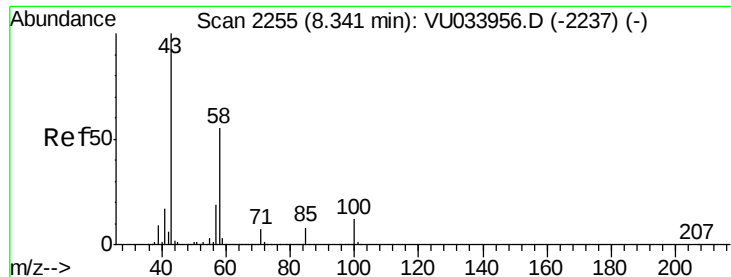
106 25.9 20.8 31.2



Abundance Ion 62.90 (62.60 to 63.60): VU033956.D (-1851) (-)

Ion 105.90 (105.60 to 106.60): VU033956.D (-1851) (-)

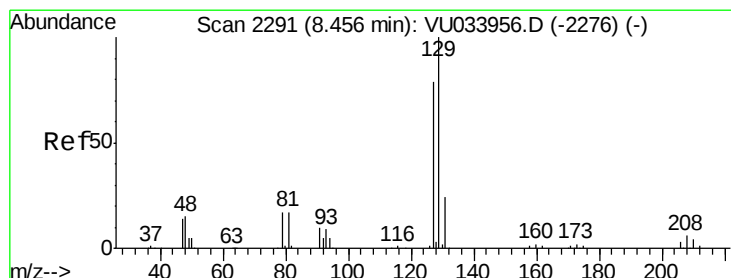
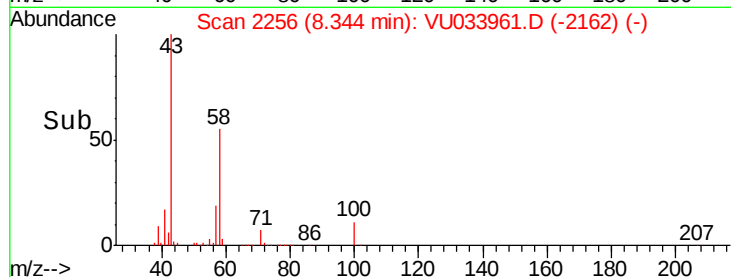
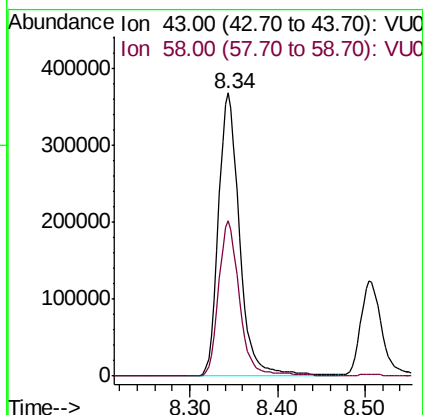
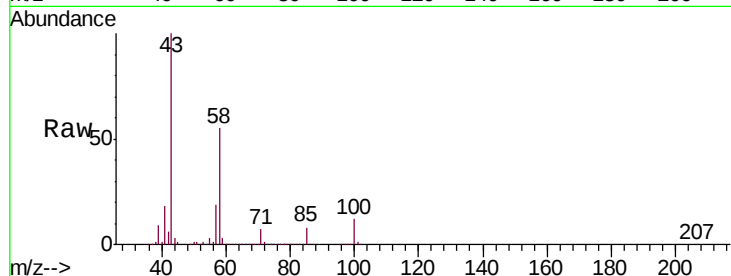




#59
2-Hexanone
Concen: 100.037 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

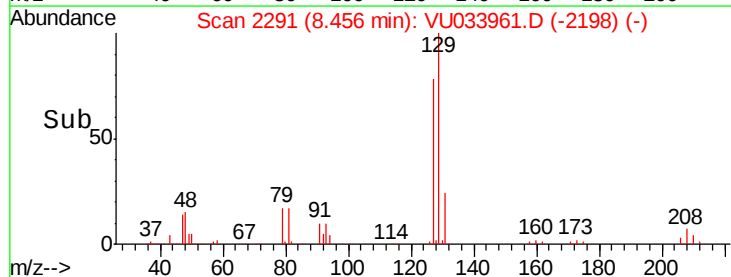
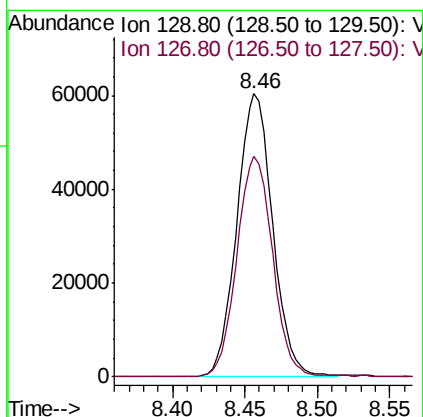
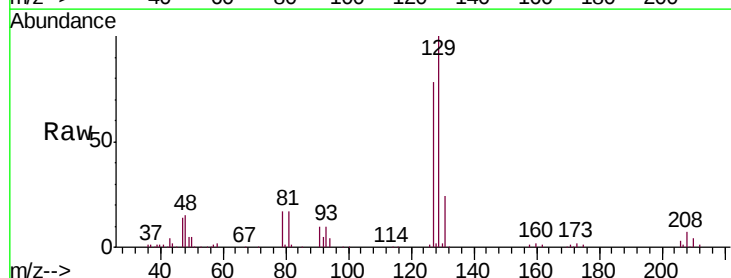
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

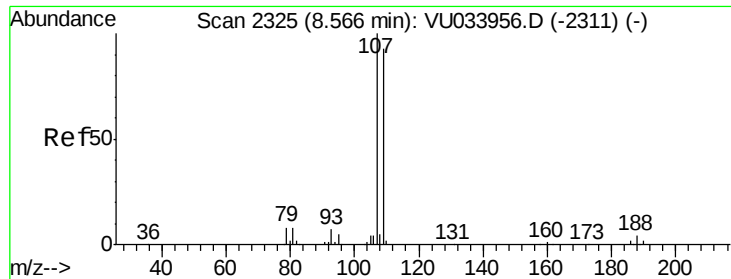
Tgt Ion: 43 Resp: 617759
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.9



#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 129 Resp: 103654
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

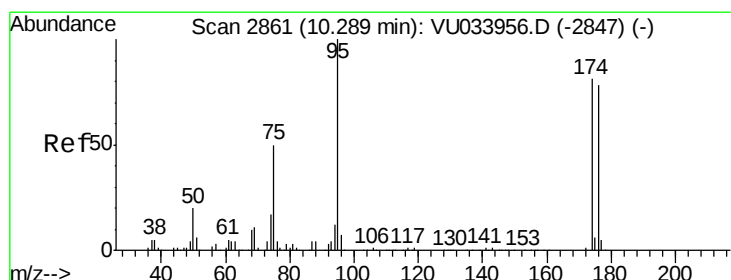
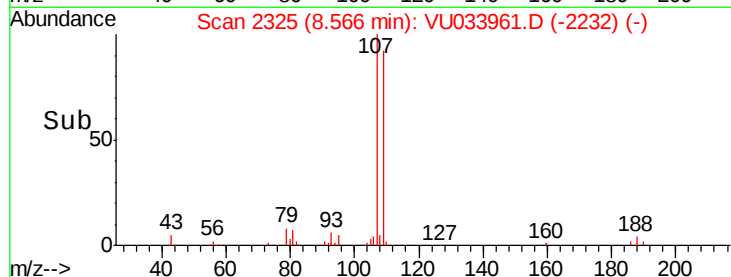
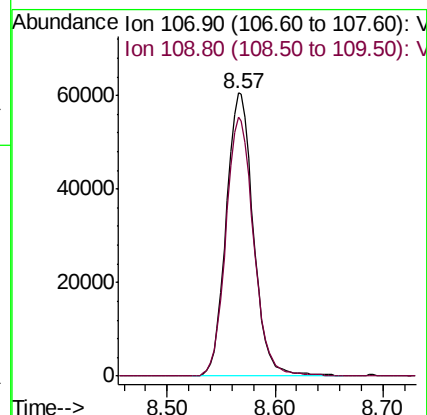
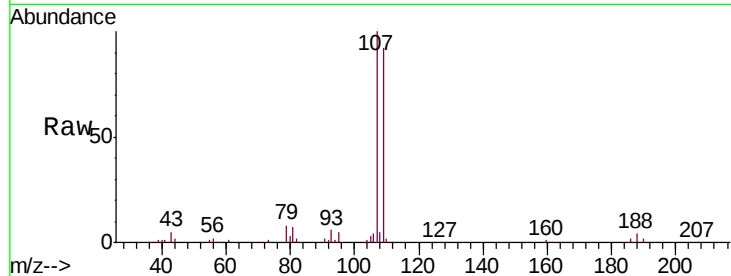




#61
 1,2-Dibromoethane
 Concen: 19.646 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

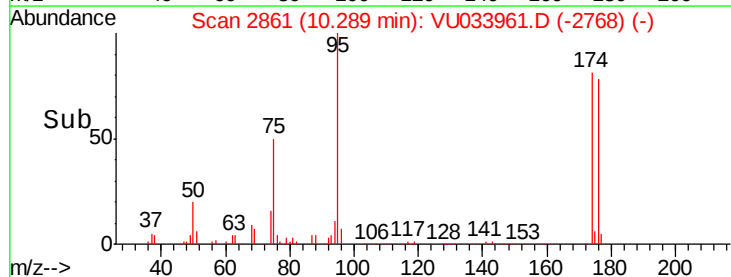
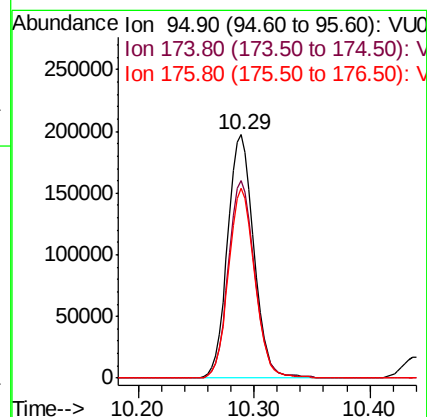
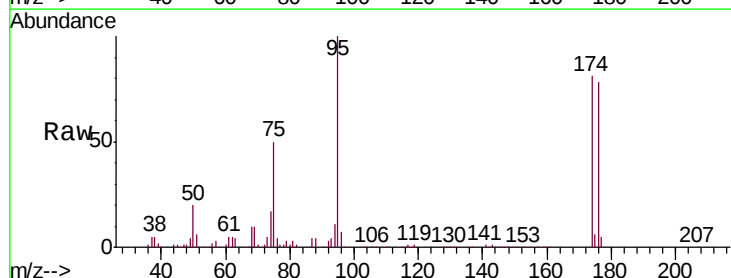
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

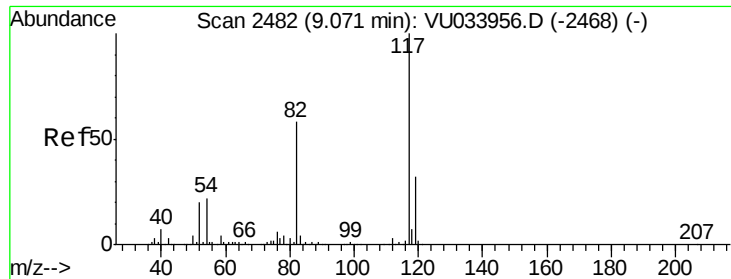
Tgt Ion: 107 Resp: 106524
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 46.781 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 95 Resp: 308770
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.4
 176 77.9 0.0 154.2

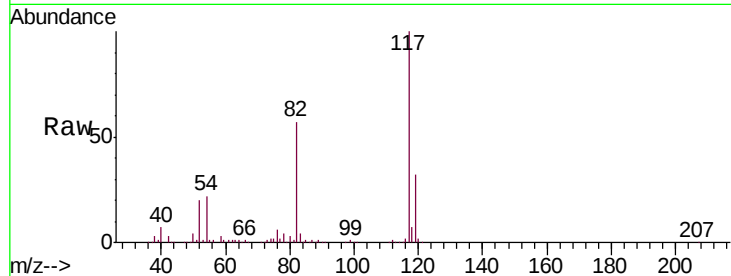




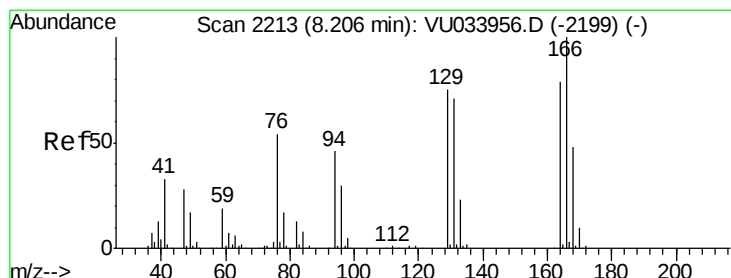
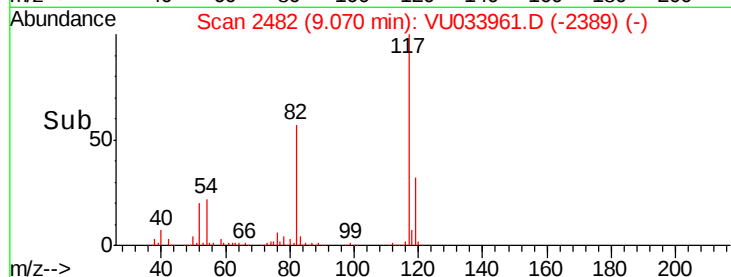
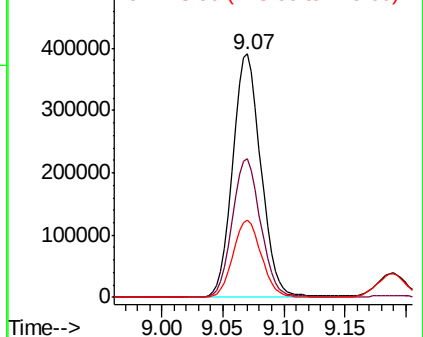
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion:117 Resp: 632043
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 31.7 25.3 37.9

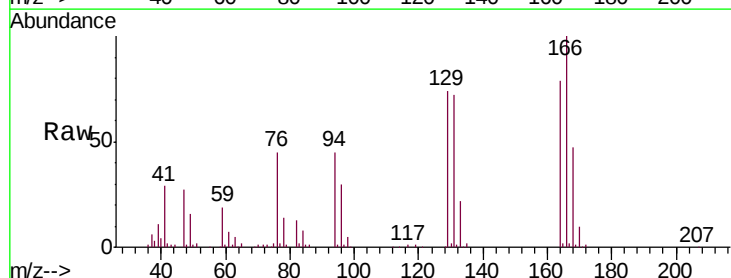


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

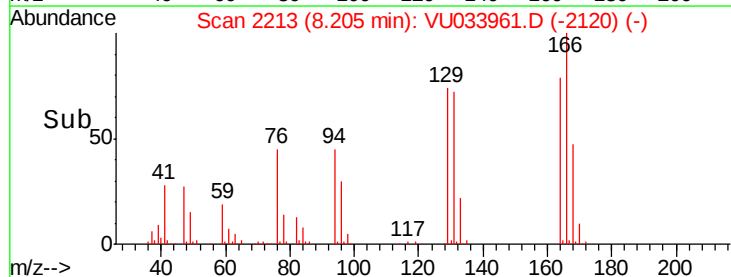
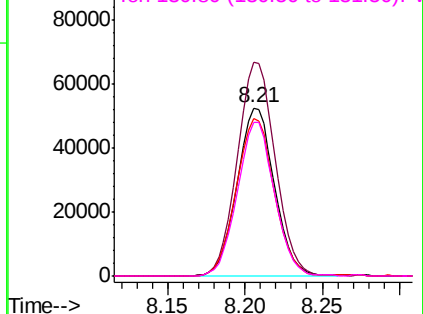


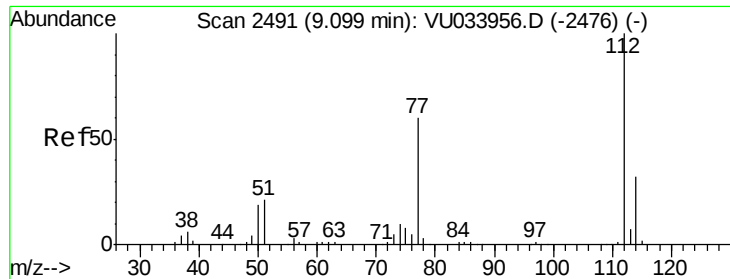
#64
Tetrachloroethene
Concen: 19.411 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion:164 Resp: 87967
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.2
129 93.5 76.6 114.8
131 91.5 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

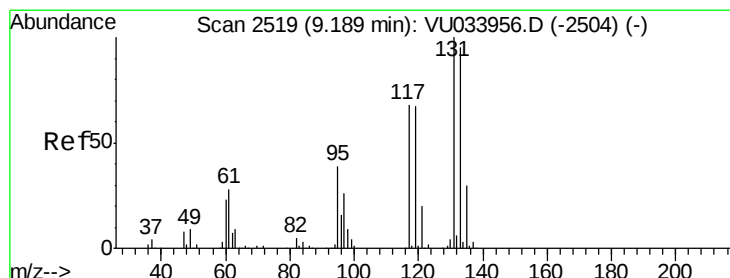
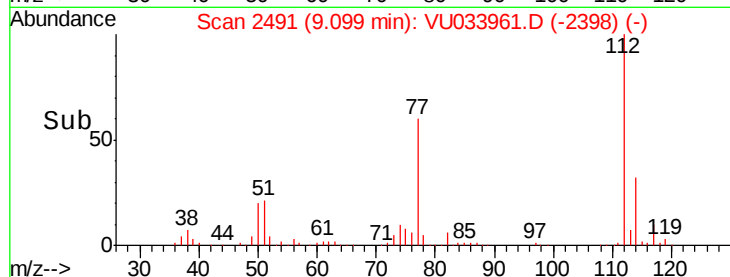
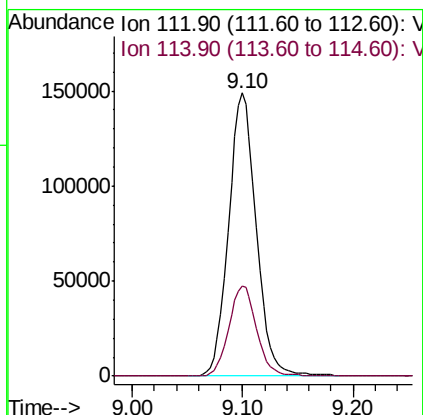
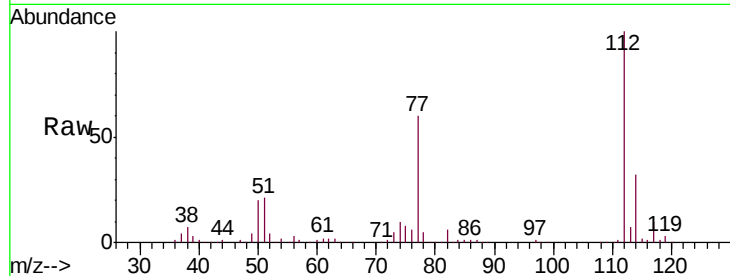




#65
Chlorobenzene
Concen: 19.850 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

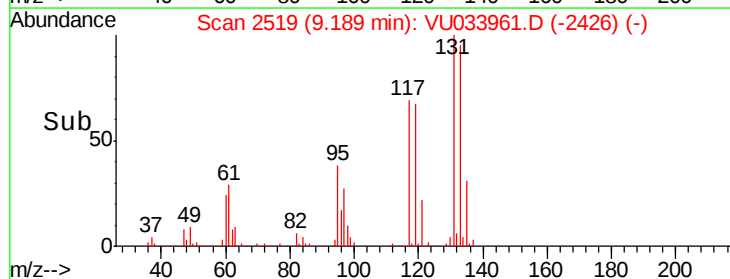
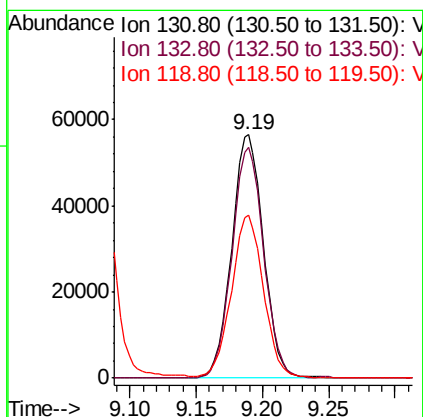
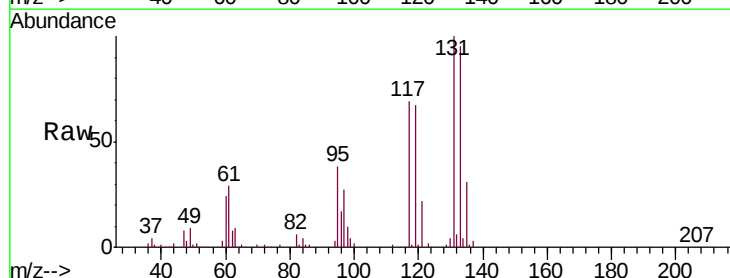
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

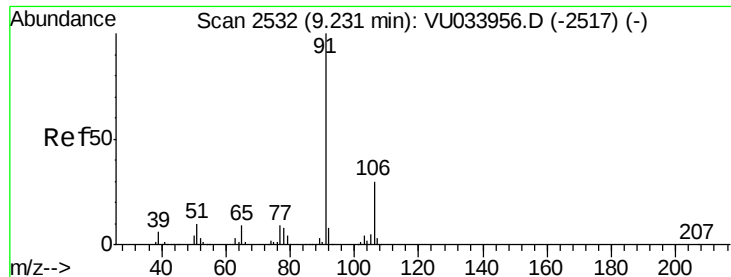
Tgt Ion:112 Resp: 258594
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.444 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion:131 Resp: 93713
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 67.5 33.3 99.8





#67

Ethyl Benzene

Concen: 20.274 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

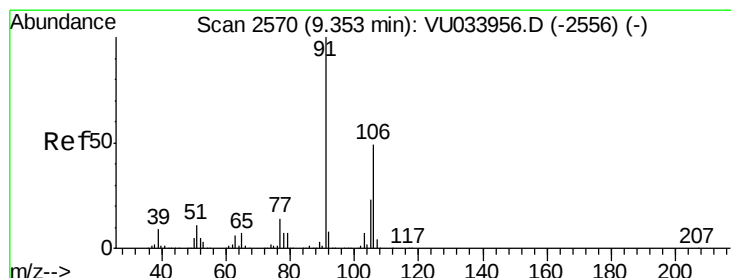
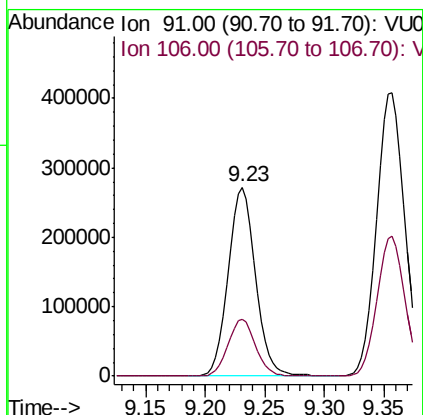
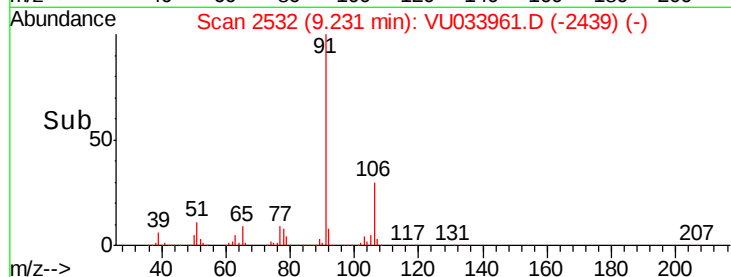
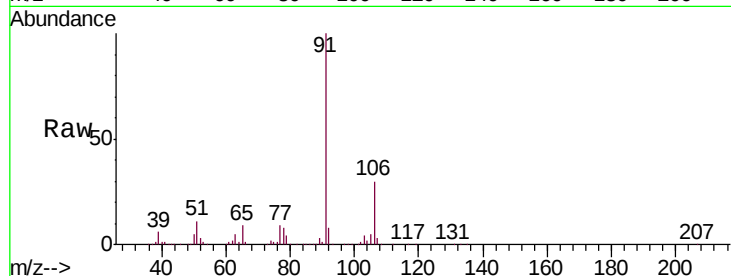
VU0827WBS01

Tgt Ion: 91 Resp: 434181

Ion Ratio Lower Upper

91 100

106 30.3 24.3 36.5



#68

m/p-Xylenes

Concen: 41.973 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033961.D

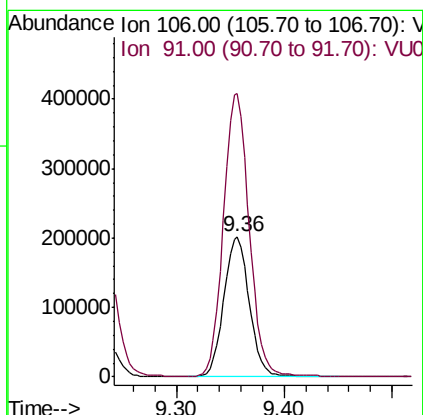
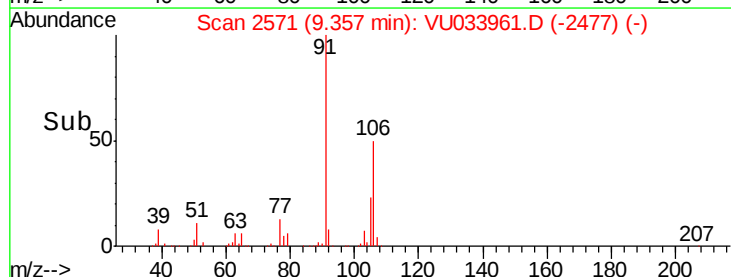
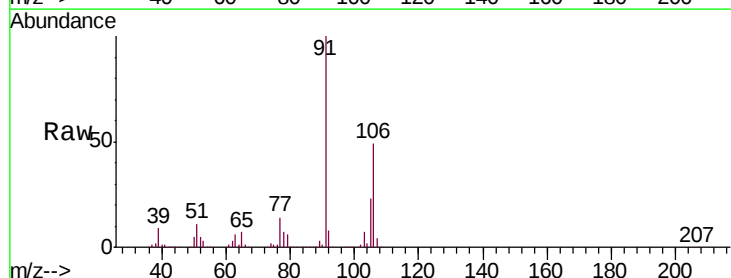
Acq: 26 Aug 2019 20:35

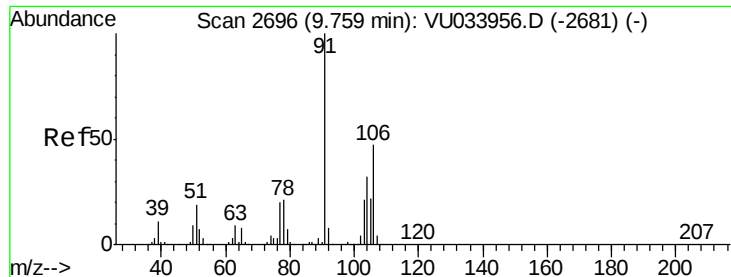
Tgt Ion: 106 Resp: 331024

Ion Ratio Lower Upper

106 100

91 205.0 163.8 245.6

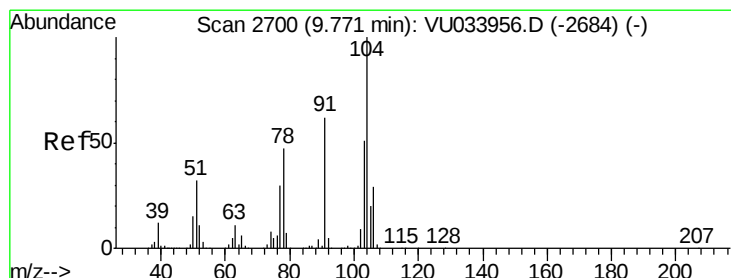
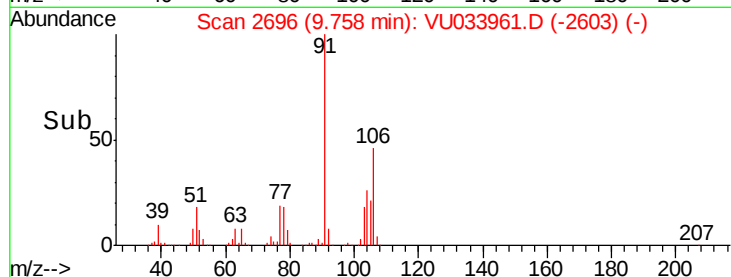
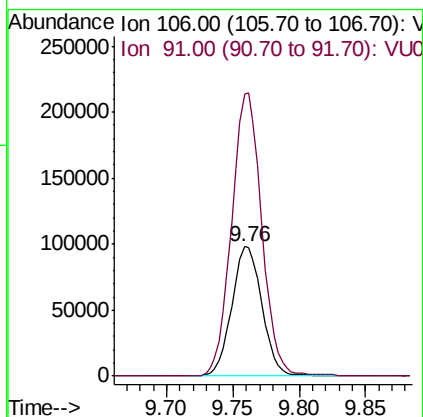
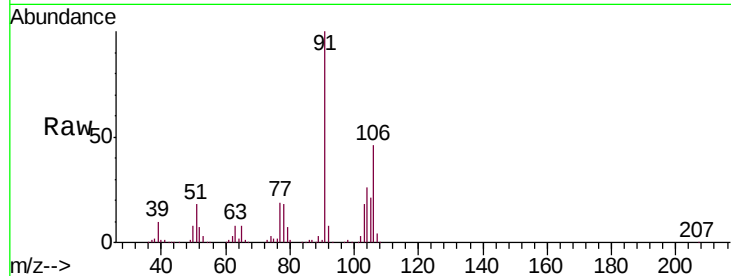




#69
o-Xylene
Concen: 20.632 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

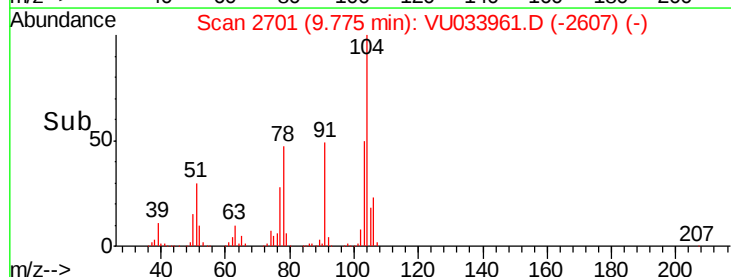
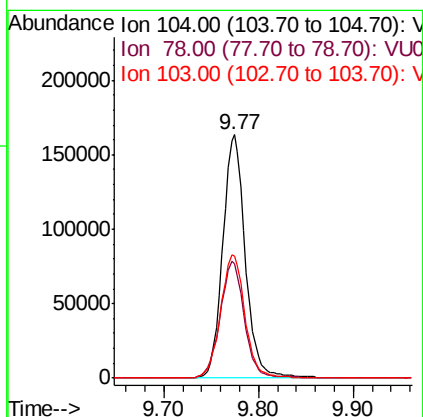
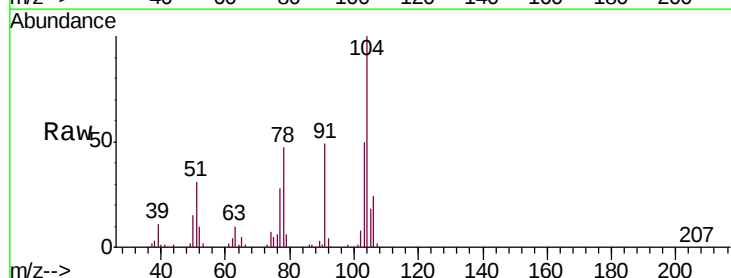
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

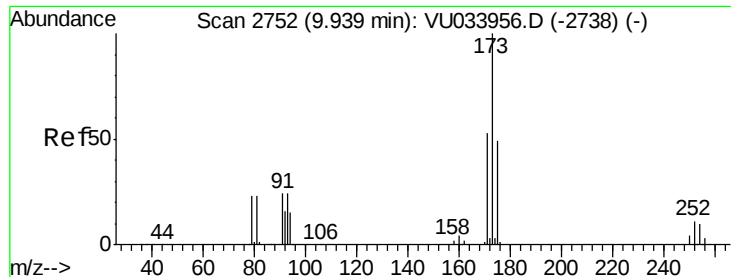
Tgt Ion:106 Resp: 155539
Ion Ratio Lower Upper
106 100
91 219.1 106.9 320.7



#70
Styrene
Concen: 20.771 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion:104 Resp: 271244
Ion Ratio Lower Upper
104 100
78 51.5 40.4 60.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 19.221 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

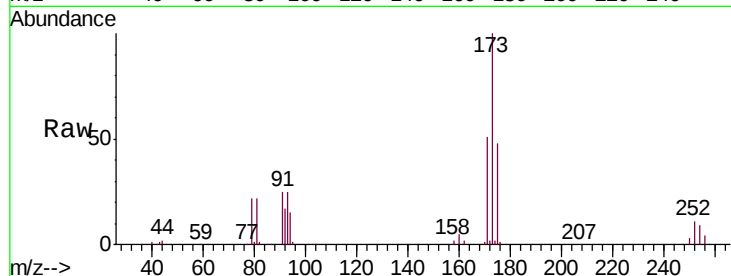
Tgt Ion:173 Resp: 77997

Ion Ratio Lower Upper

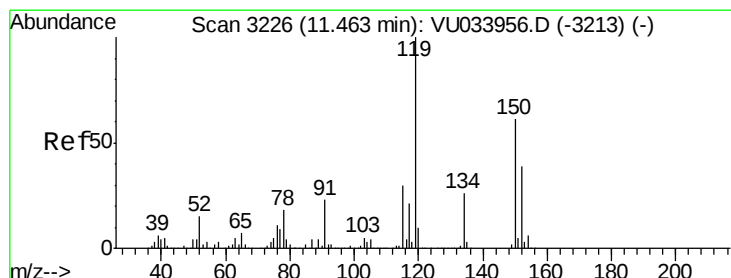
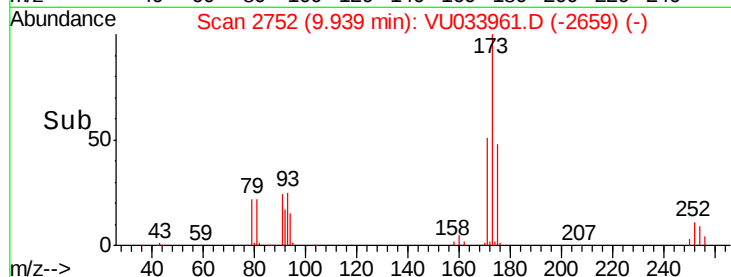
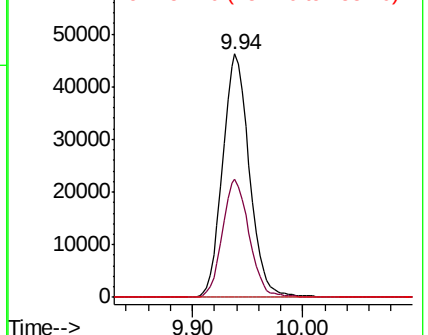
173 100

175 48.3 24.8 74.3

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

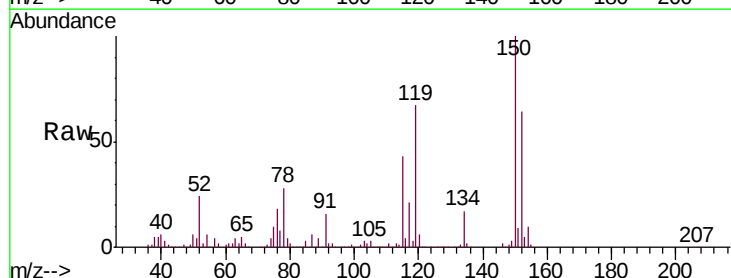
Tgt Ion:152 Resp: 319630

Ion Ratio Lower Upper

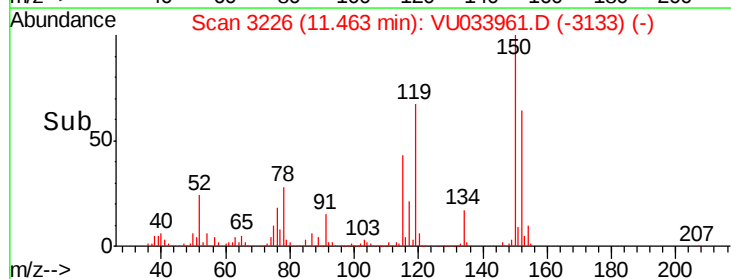
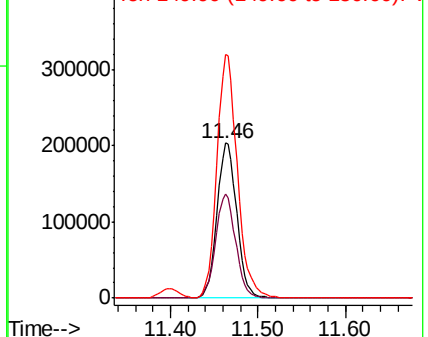
152 100

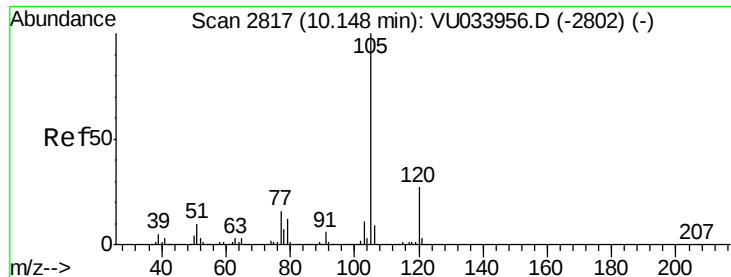
115 68.3 40.3 120.9

150 161.8 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.748 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

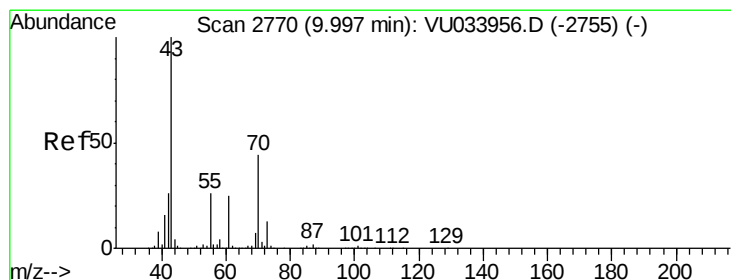
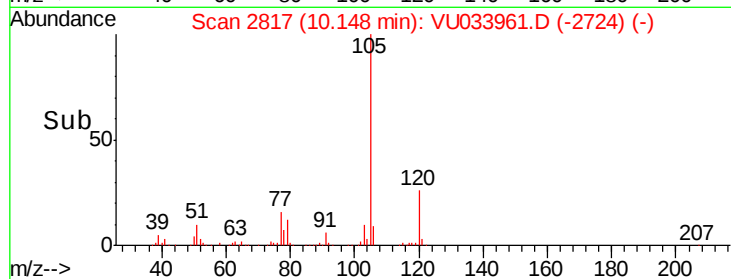
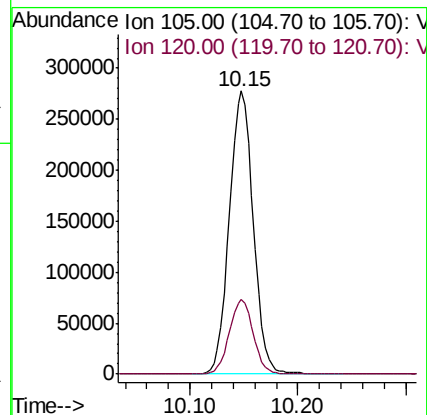
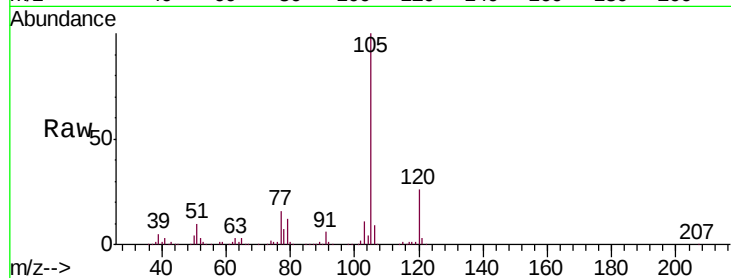
VU0827WBS01

Tgt Ion:105 Resp: 429623

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 20.445 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Tgt Ion: 43 Resp: 189434

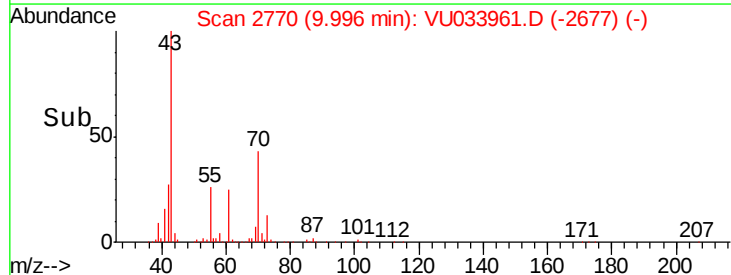
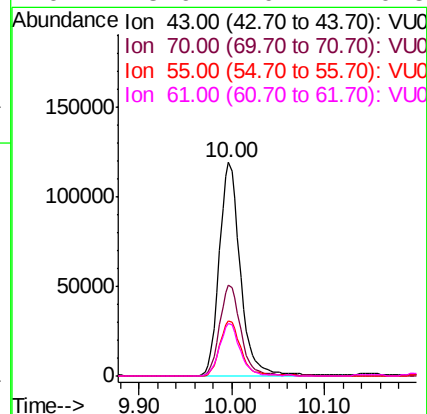
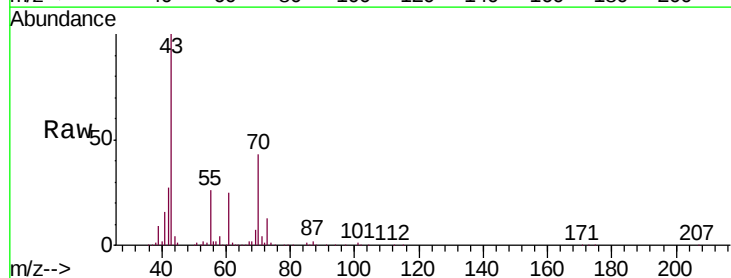
Ion Ratio Lower Upper

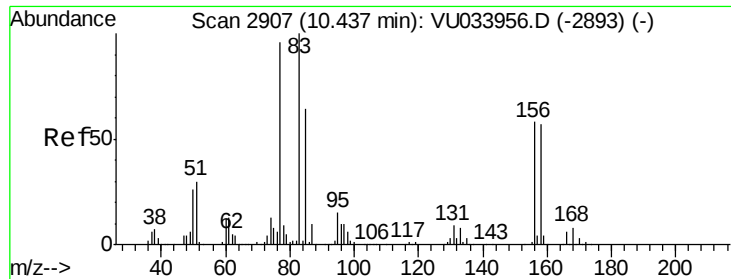
43 100

70 42.6 34.5 51.7

55 26.0 20.9 31.3

61 23.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

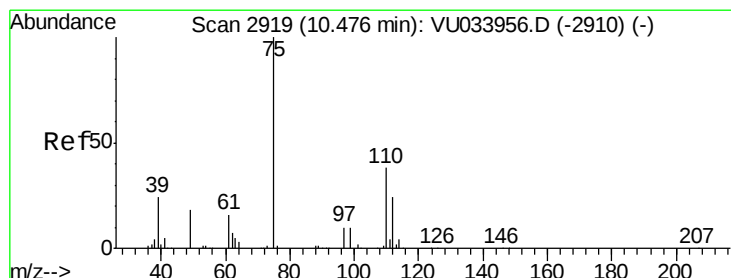
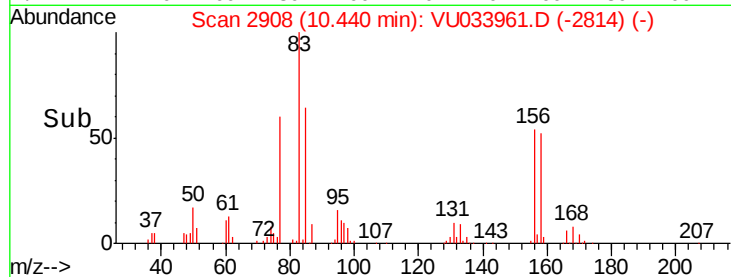
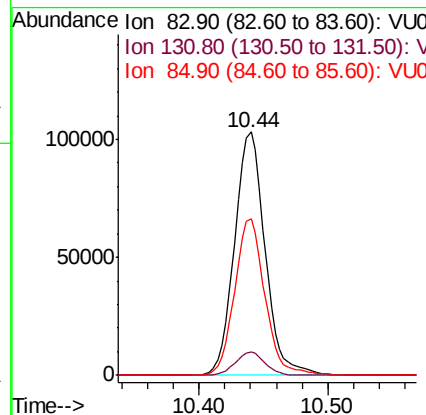
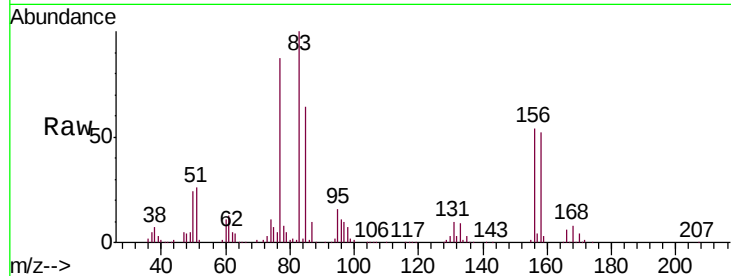
Tgt Ion: 83 Resp: 169716

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

85 63.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 25.870 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU033961.D

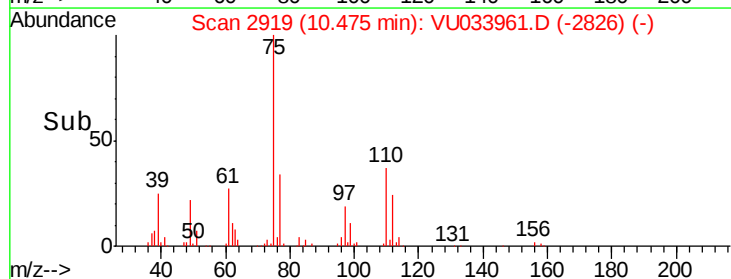
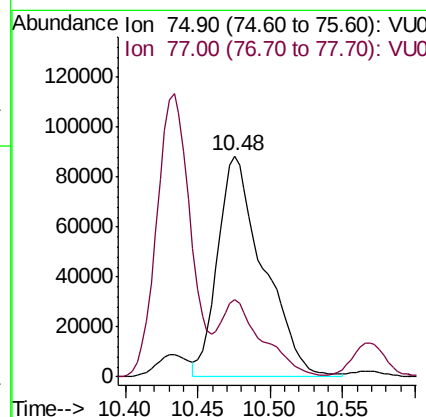
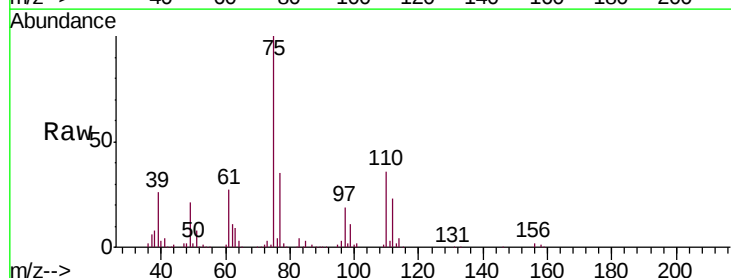
Acq: 26 Aug 2019 20:35

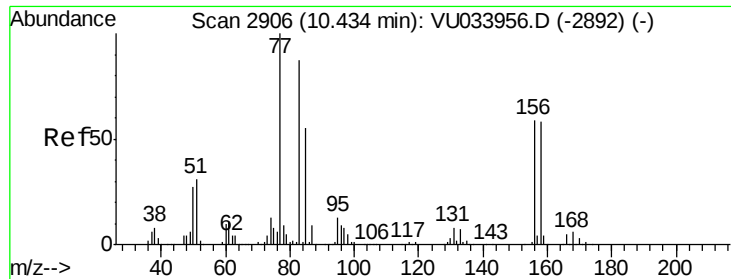
Tgt Ion: 75 Resp: 191298

Ion Ratio Lower Upper

75 100

77 32.7 20.1 60.3

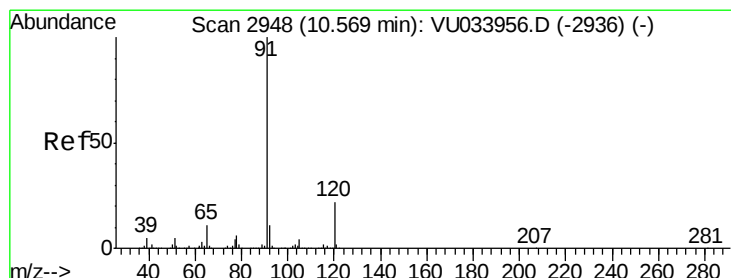
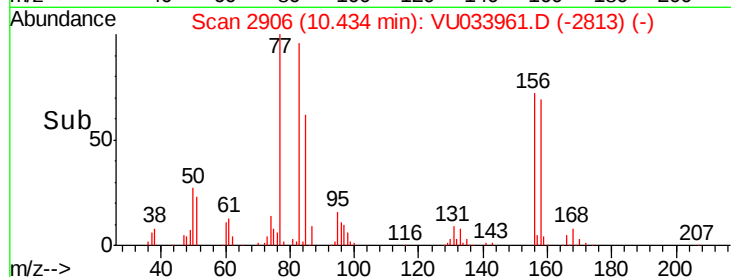
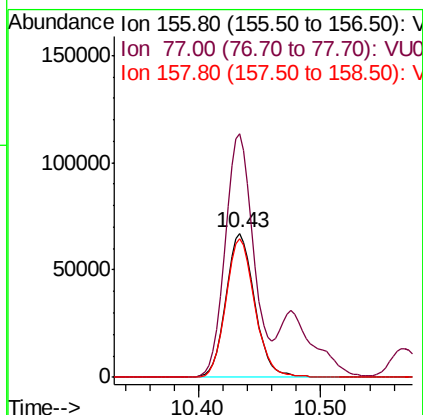
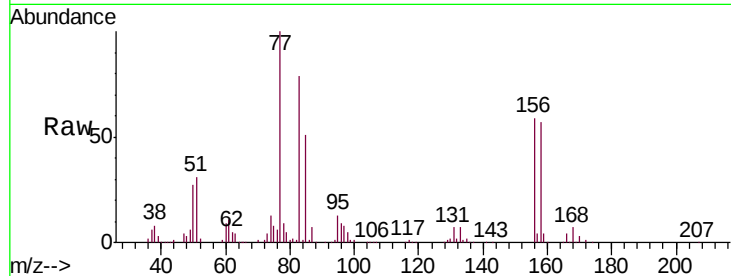




#77
Bromobenzene
Concen: 21.102 ug/l
RT: 10.43 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

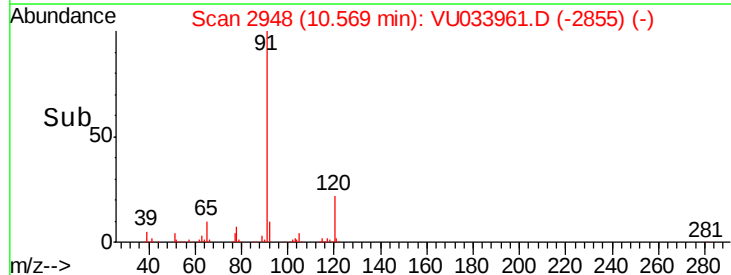
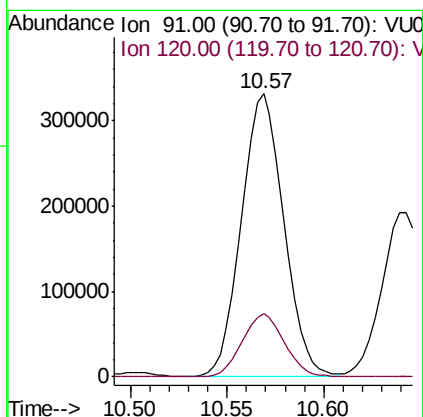
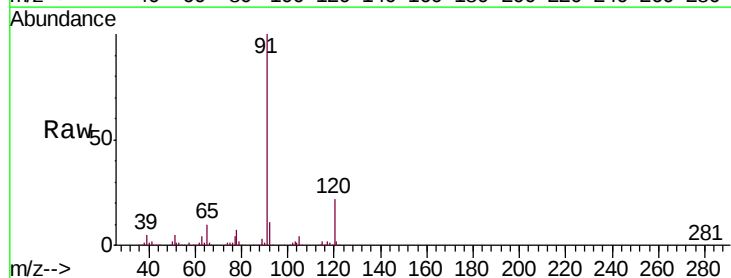
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

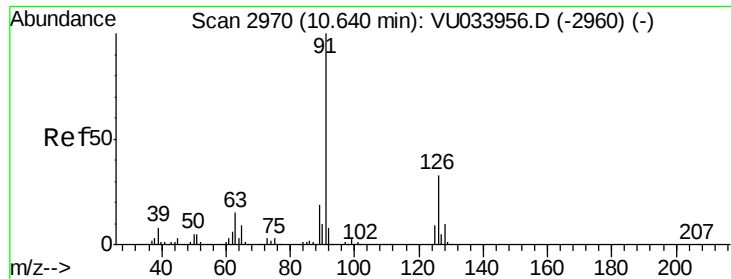
Tgt Ion:156 Resp: 111294
Ion Ratio Lower Upper
156 100
77 165.6 85.3 255.8
158 96.7 48.9 146.7



#78
n-propylbenzene
Concen: 21.380 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. -0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion: 91 Resp: 504967
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6

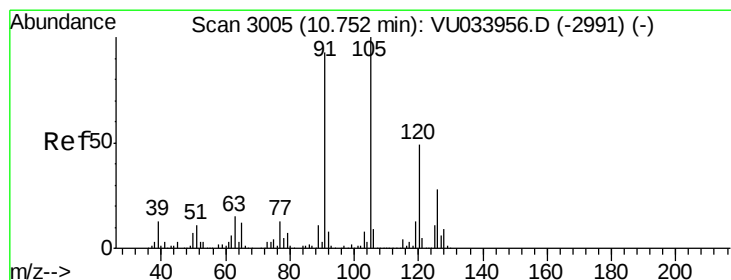
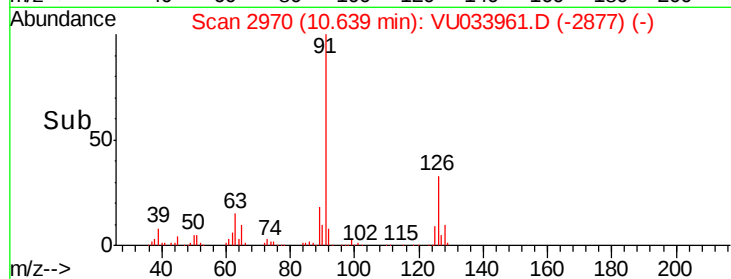
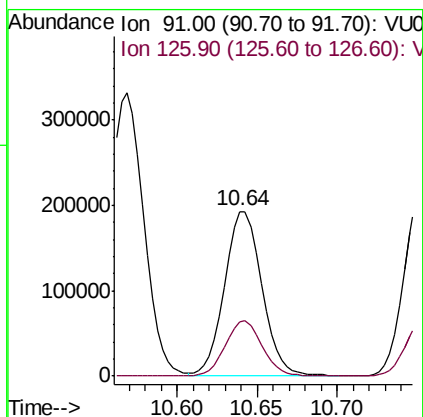
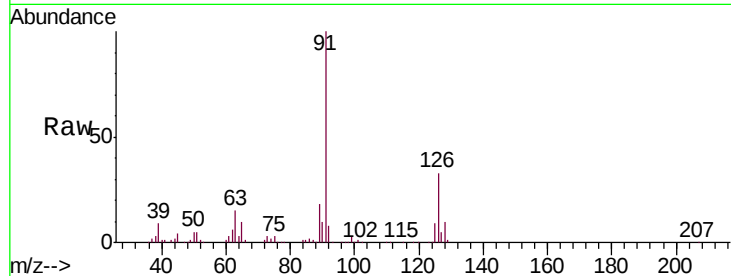




#79
 2-Chlorotoluene
 Concen: 21.493 ug/l
 RT: 10.64 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

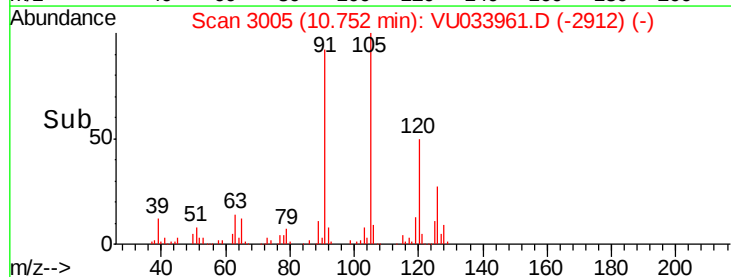
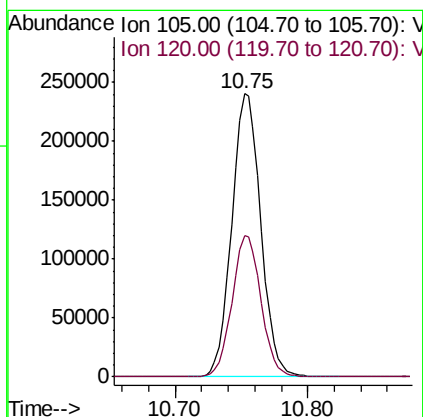
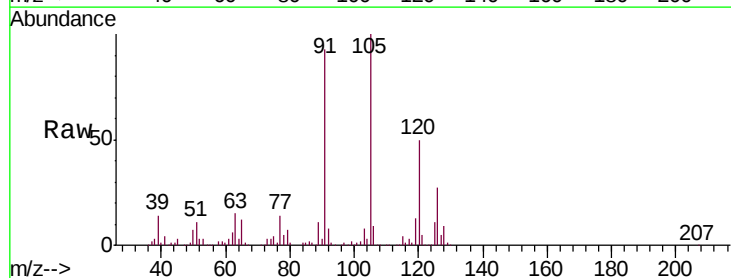
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

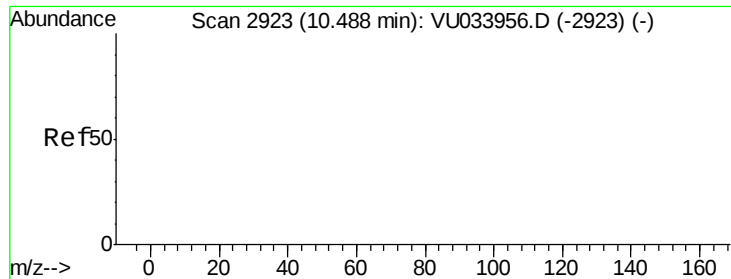
Tgt Ion: 91 Resp: 304003
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.650 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion: 105 Resp: 365525
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.972 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.01 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

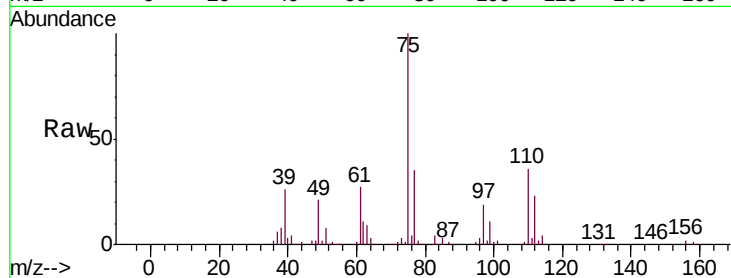
Tgt Ion: 75 Resp: 191273

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

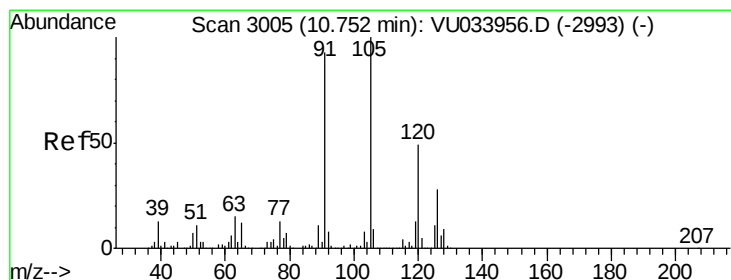
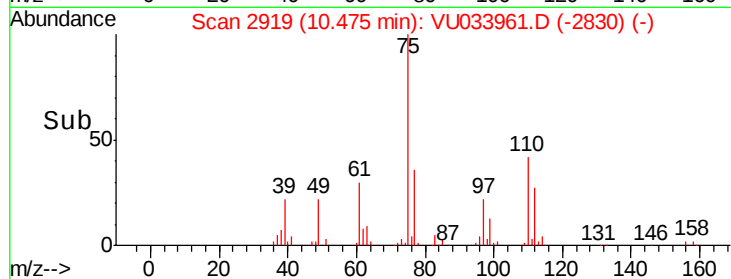
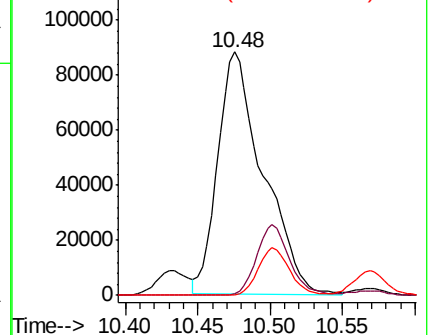
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU033961.D (-2923) (-)

Ion 53.00 (52.70 to 53.70): VU033961.D (-2923) (-)

Ion 88.90 (88.60 to 89.60): VU033961.D (-2923) (-)



#82

4-Chlorotoluene

Concen: 21.094 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU033961.D

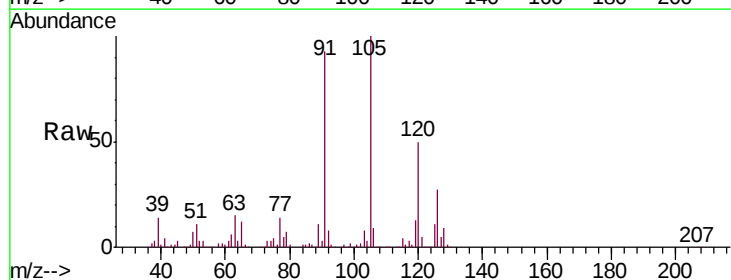
Acq: 26 Aug 2019 20:35

Tgt Ion: 91 Resp: 350703

Ion Ratio Lower Upper

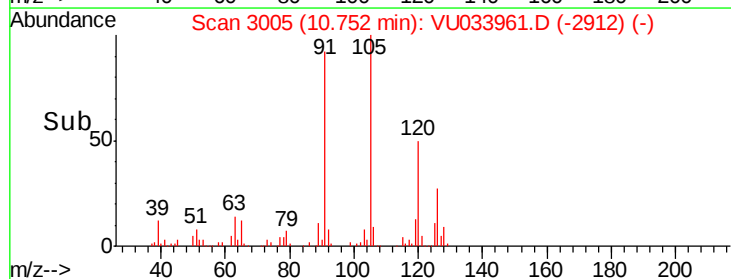
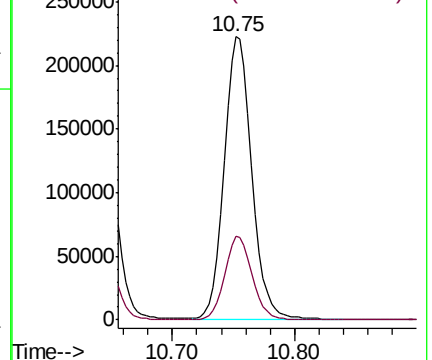
91 100

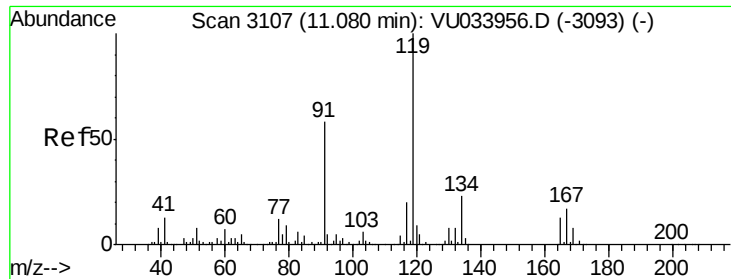
126 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VU033961.D (-2912) (-)

Ion 125.90 (125.60 to 126.60): VU033961.D (-2912) (-)

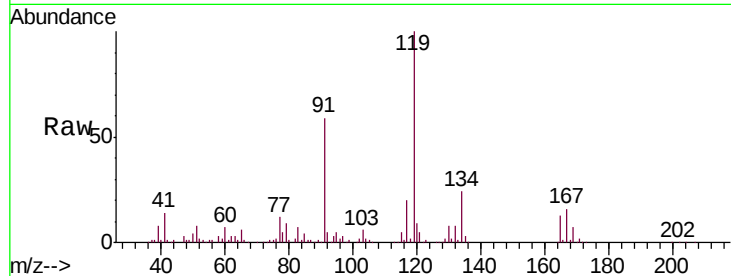




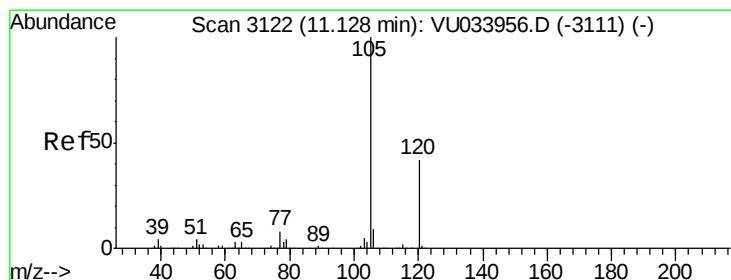
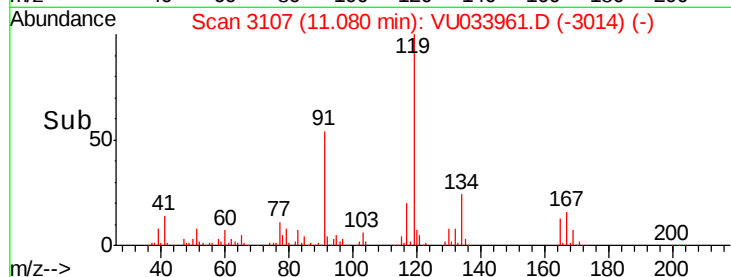
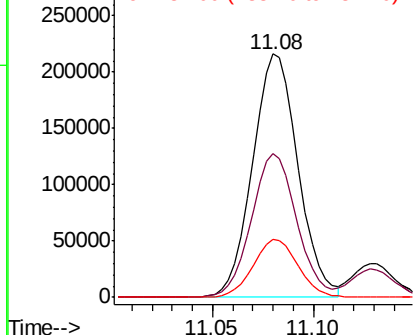
#83
 tert-Butylbenzene
 Concen: 21.543 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

Tgt Ion:119 Resp: 340292
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.6 85.8
 134 23.6 11.7 35.0

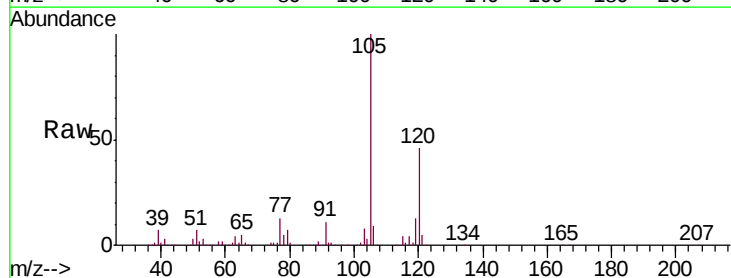


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

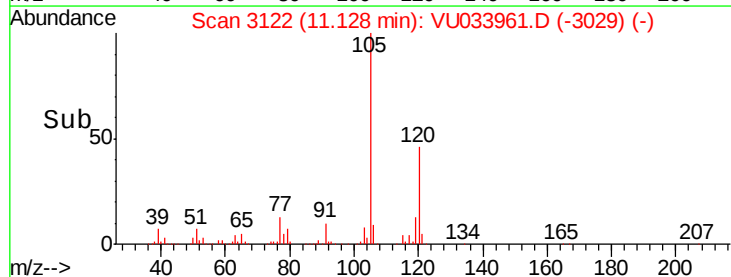
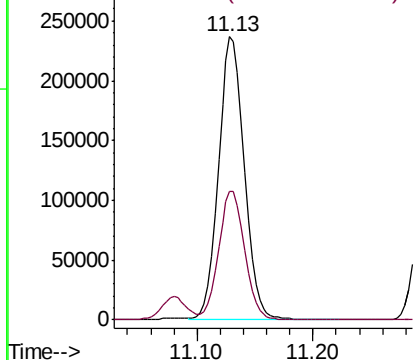


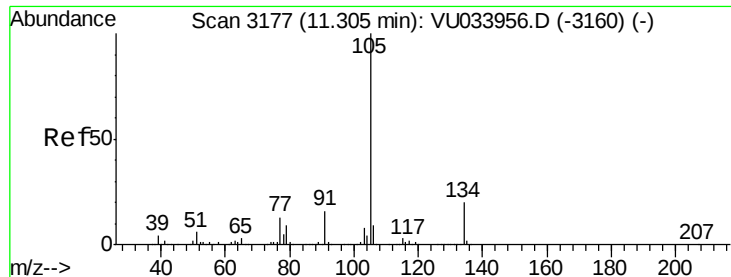
#84
 1,2,4-Trimethylbenzene
 Concen: 22.281 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion:105 Resp: 366460
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

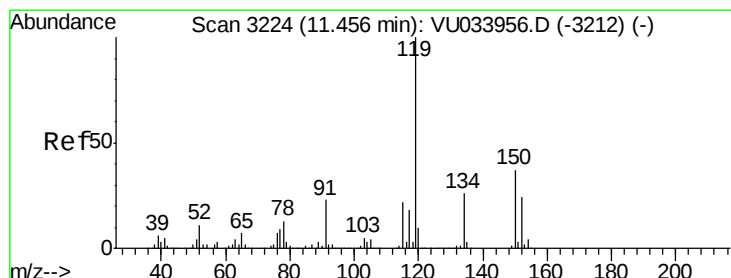
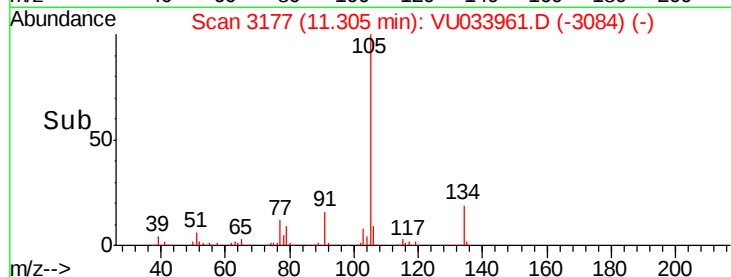
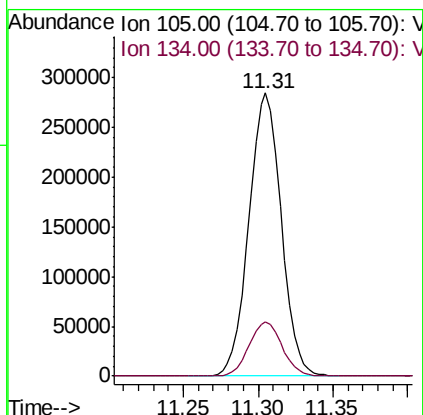
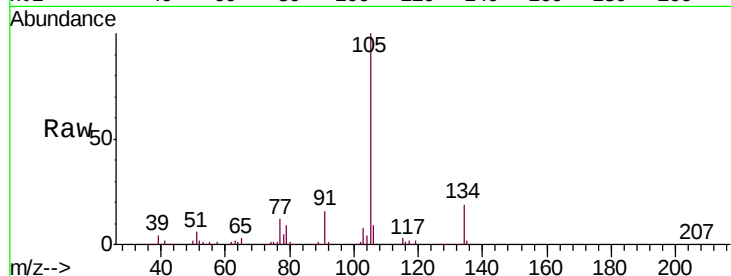




#85
 sec-Butylbenzene
 Concen: 21.533 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

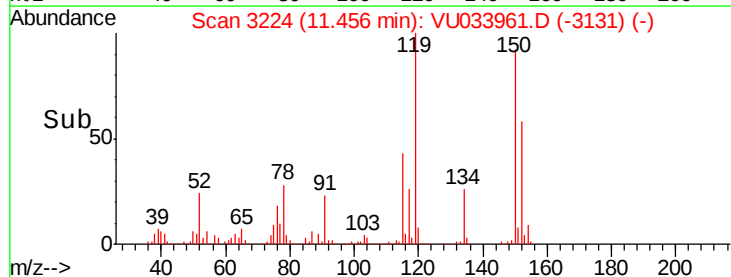
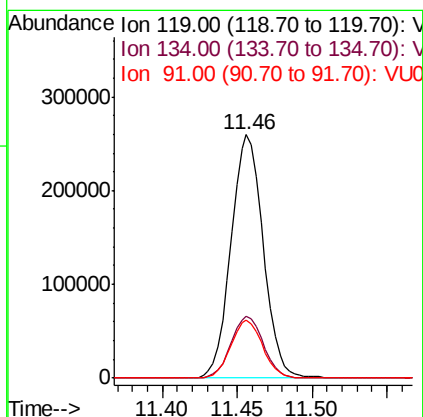
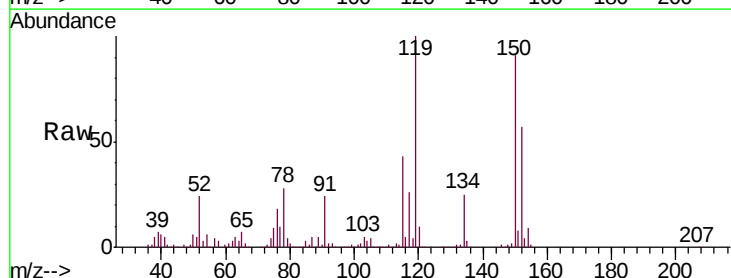
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

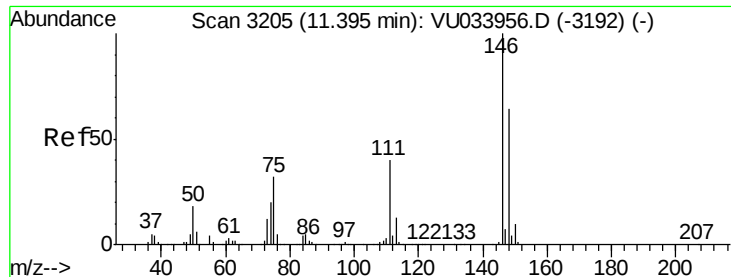
Tgt Ion:105 Resp: 426693
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.554 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion:119 Resp: 387223
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.4 11.6 34.7

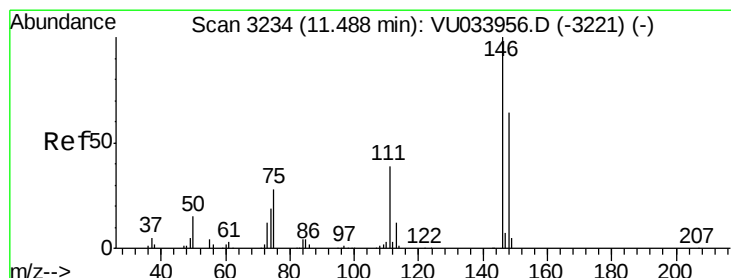
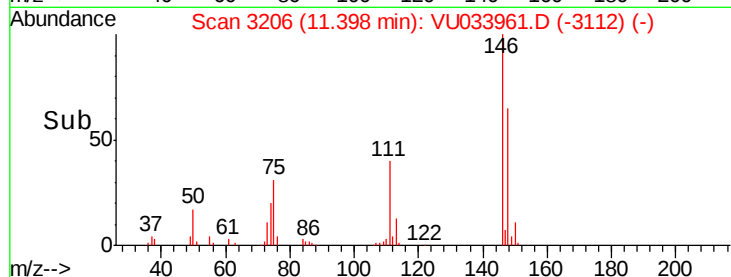
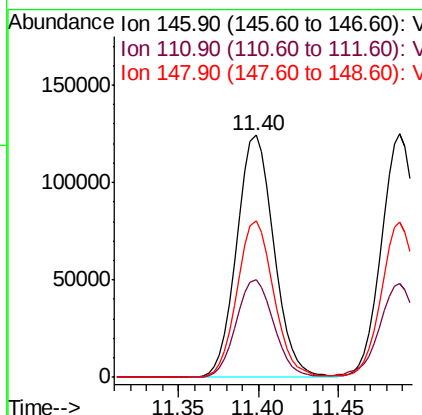
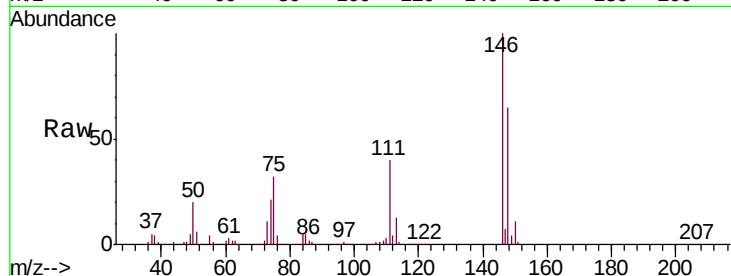




#87
 1,3-Dichlorobenzene
 Concen: 19.685 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

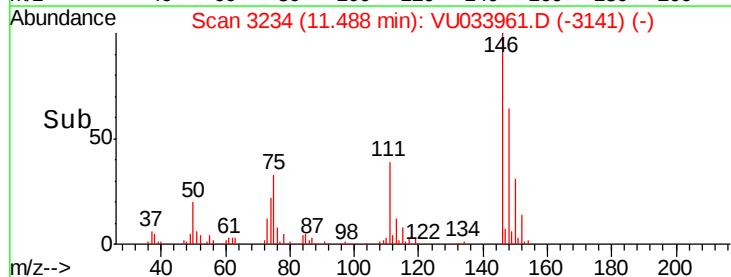
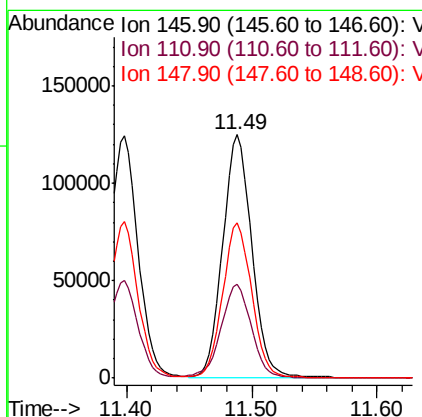
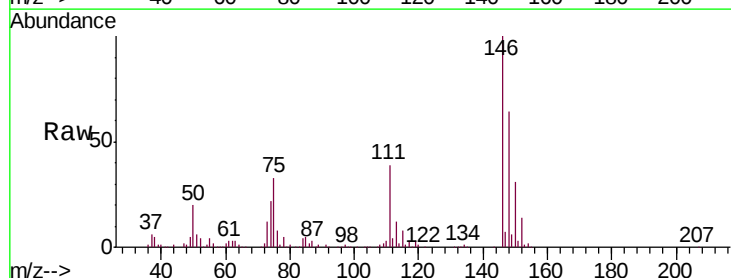
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

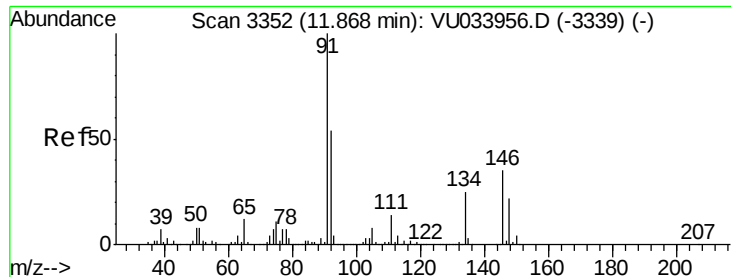
Tgt Ion:146 Resp: 196762
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.441 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion:146 Resp: 200524
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 19.375 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU033961.D

Acq: 26 Aug 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBS01

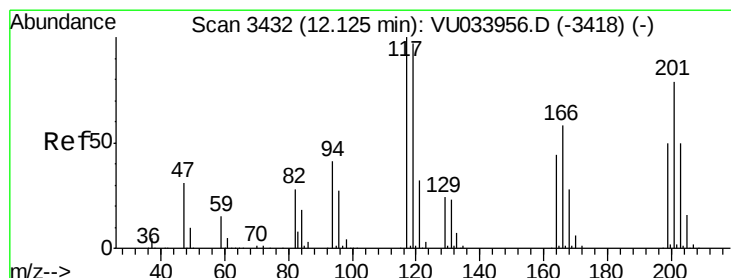
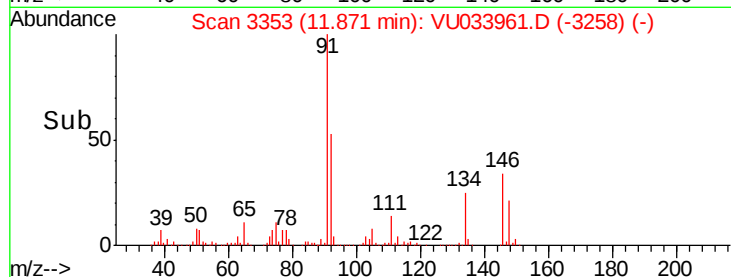
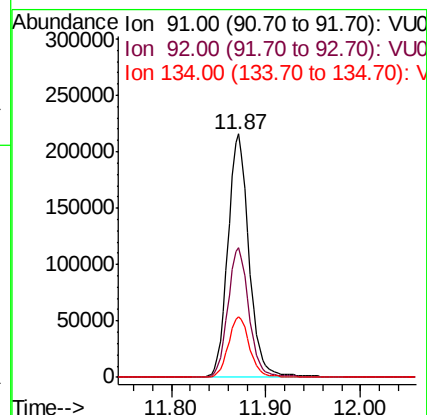
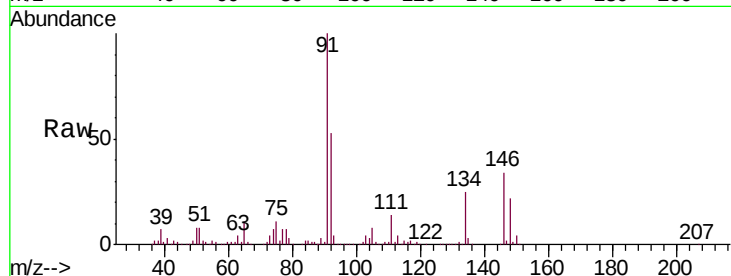
Tgt Ion: 91 Resp: 335704

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.6

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.401 ug/l

RT: 12.12 min Scan# 3432

Delta R.T. -0.00 min

Lab File: VU033961.D

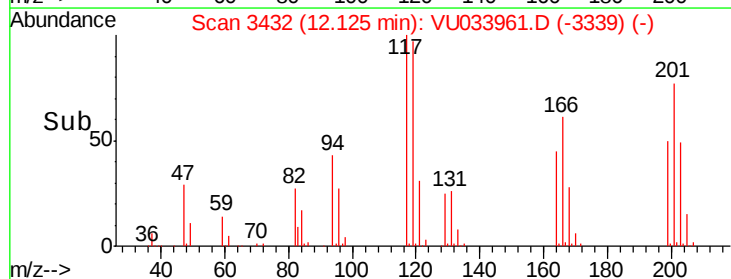
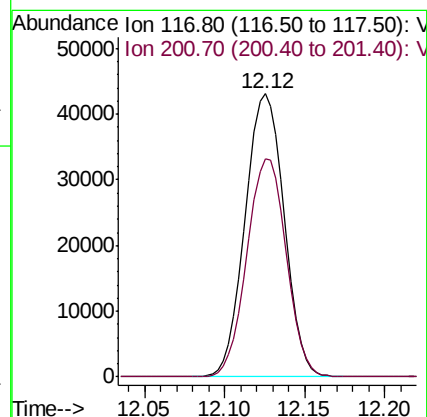
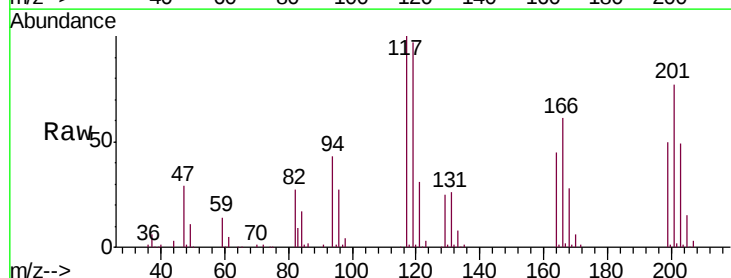
Acq: 26 Aug 2019 20:35

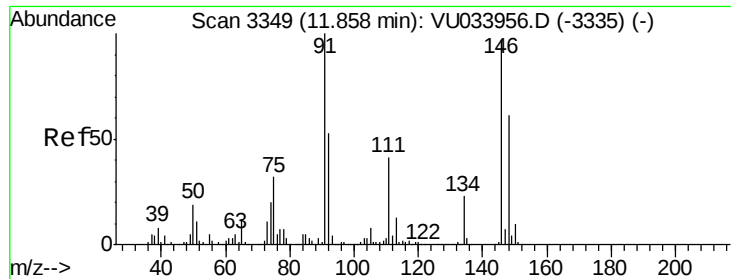
Tgt Ion: 117 Resp: 71777

Ion Ratio Lower Upper

117 100

201 77.8 39.6 118.7

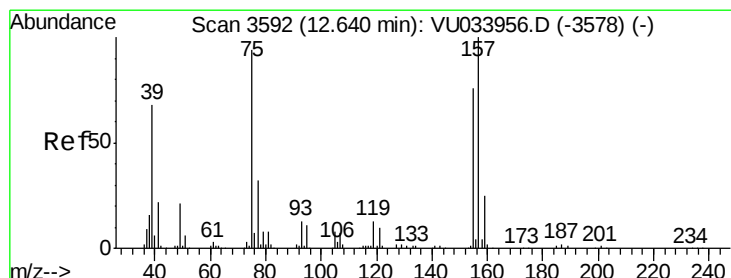
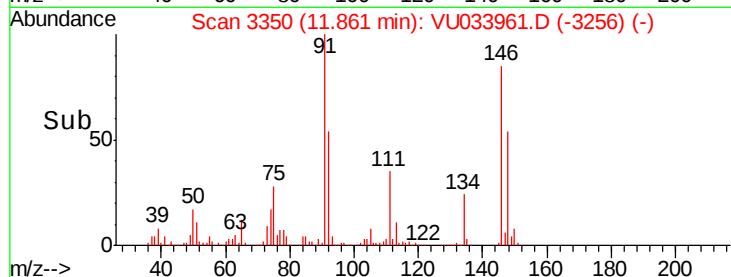
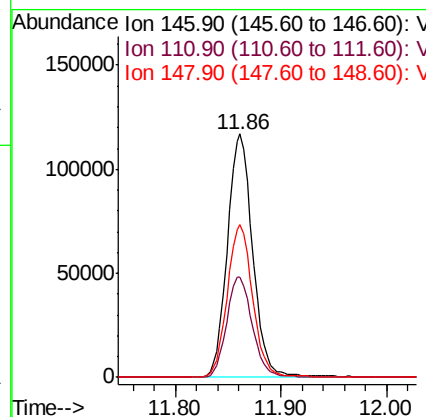
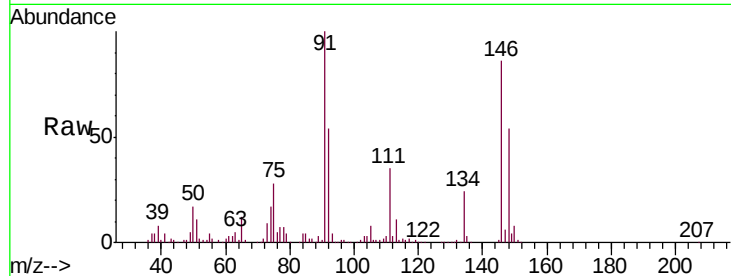




#91
 1,2-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

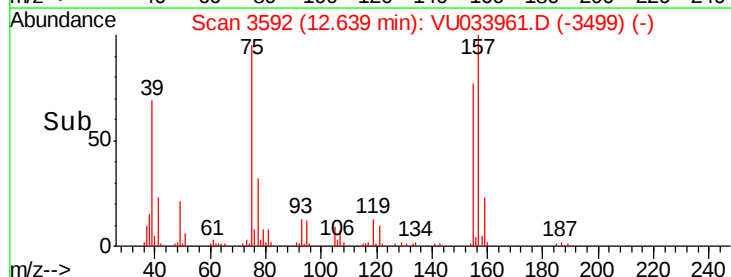
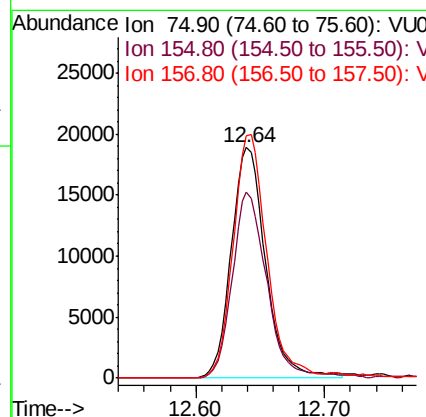
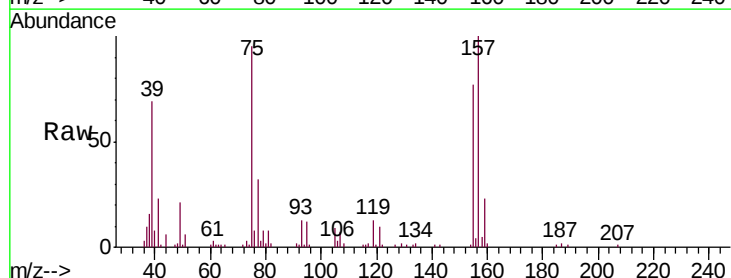
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

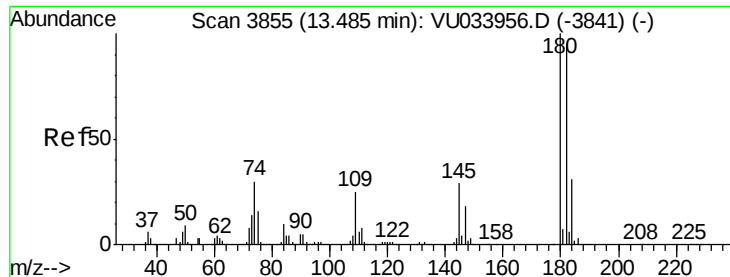
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	62.8	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.173 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.0	119.9
157	102.9	51.9	155.7

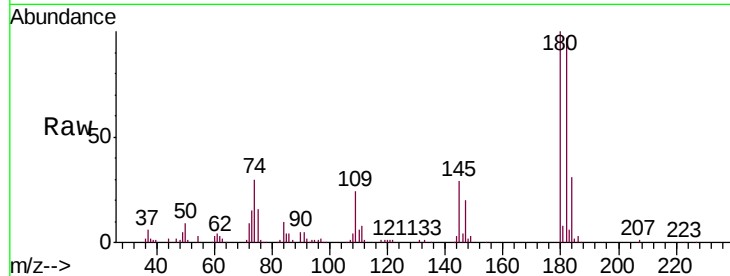




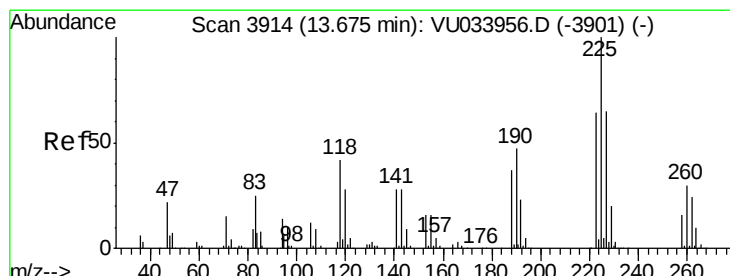
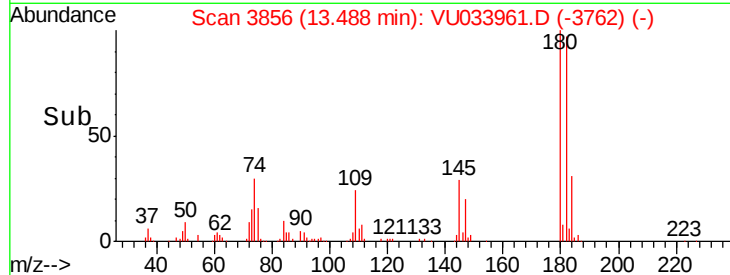
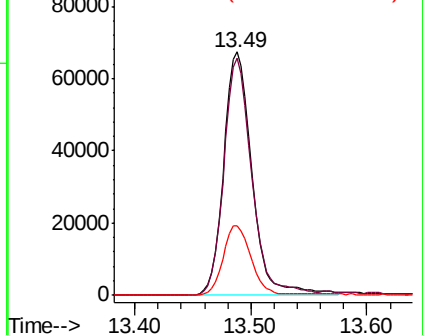
#93
 1,2,4-Trichlorobenzene
 Concen: 18.975 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBS01

Tgt Ion:180 Resp: 114735
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.3
 145 28.0 14.2 42.8

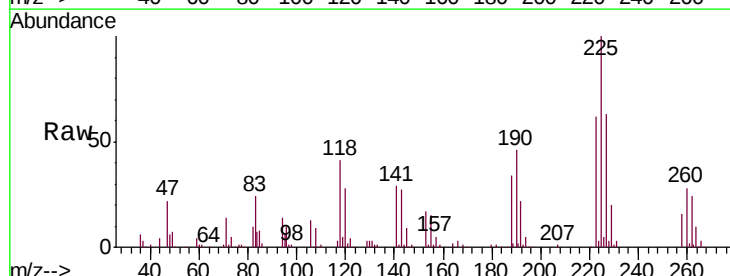


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

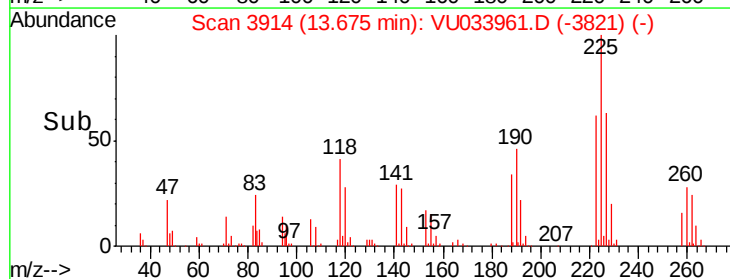
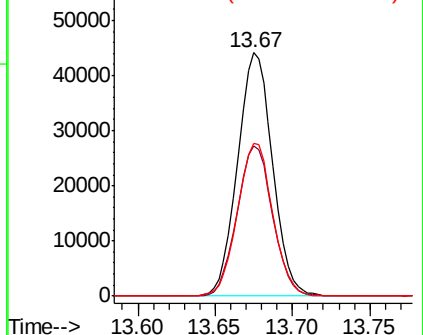


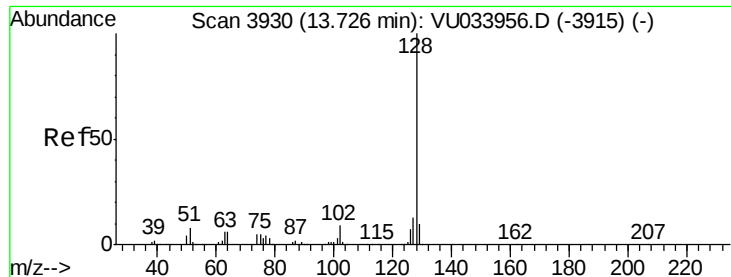
#94
 Hexachlorobutadiene
 Concen: 19.443 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: VU033961.D
 Acq: 26 Aug 2019 20:35

Tgt Ion:225 Resp: 69479
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.0
 227 63.1 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

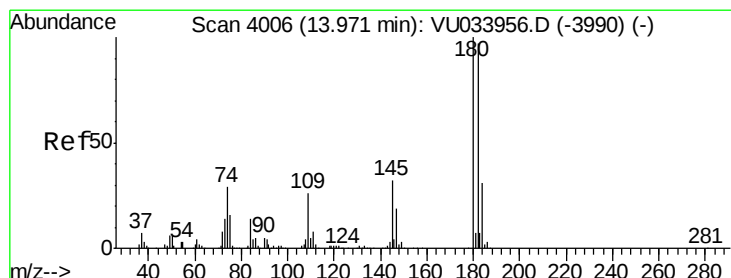
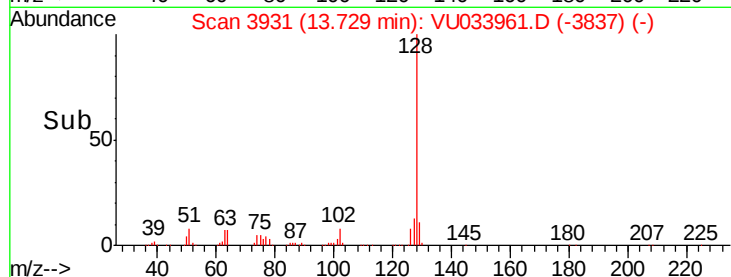
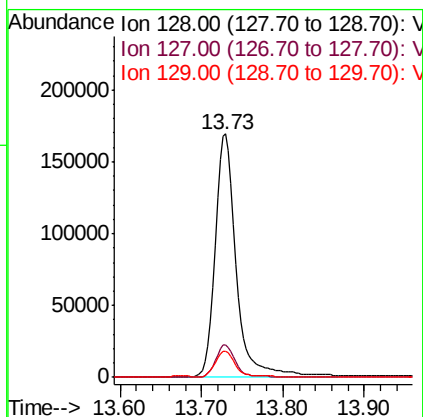
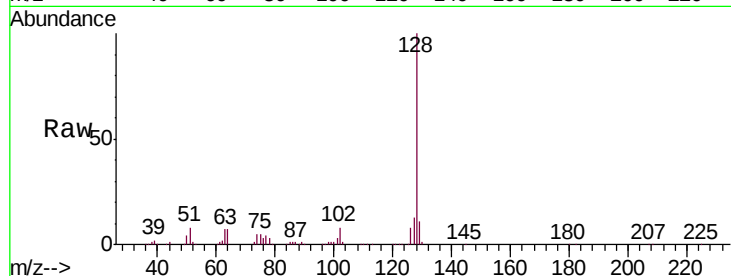




#95
Naphthalene
Concen: 18.262 ug/l
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBS01

Tgt Ion:128 Resp: 312902
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.1 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.442 ug/l
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU033961.D
Acq: 26 Aug 2019 20:35

Tgt Ion:180 Resp: 117806
Ion Ratio Lower Upper
180 100
182 94.3 48.6 145.8
145 30.3 15.7 47.0

