

Data File : VU033962.D
Acq On : 26 Aug 2019 20:59
Operator : JC/SP
Sample : VU0827WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

Quant Time: Aug 27 08:00:30 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	387838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	641980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	634847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	307144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	290828	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	4.86	113	222549	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	7.54	98	844765	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	10.29	95	305712	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.20	85	94931	20.962	ug/l	97
3) Chloromethane	1.32	50	120397	21.490	ug/l	100
4) Vinyl Chloride	1.39	62	124913	20.442	ug/l	98
5) Bromomethane	1.60	94	67899	20.015	ug/l	97
6) Chloroethane	1.68	64	75954	19.719	ug/l	99
7) Trichlorofluoromethane	1.87	101	141571	19.462	ug/l	99
8) Diethyl Ether	2.09	74	58114	18.595	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.27	101	85978	20.463	ug/l	98
10) Methyl Iodide	2.39	142	113812	22.247	ug/l	99
11) Tert butyl alcohol	2.81	59	127980	109.866	ug/l	100
12) 1,1-Dichloroethene	2.26	96	89143	20.692	ug/l	98
13) Acrolein	2.18	56	75036	108.315	ug/l	99
14) Allyl chloride	2.57	41	151224	19.554	ug/l	99
15) Acrylonitrile	2.91	53	327545	106.836	ug/l	100
16) Acetone	2.30	43	297629	89.717	ug/l	98
17) Carbon Disulfide	2.46	76	281806	19.726	ug/l	98
18) Methyl Acetate	2.60	43	151431	20.456	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	297248	21.587	ug/l	99
20) Methylene Chloride	2.68	84	103789	19.508	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	94324	19.872	ug/l	98
22) Diisopropyl ether	3.54	45	321571	21.507	ug/l	95
23) Vinyl Acetate	3.50	43	1367419	110.355	ug/l	100
24) 1,1-Dichloroethane	3.42	63	185710	20.286	ug/l	99
25) 2-Butanone	4.23	43	441753	103.038	ug/l	100
26) 2,2-Dichloropropane	4.20	77	138556	18.666	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	105606	20.747	ug/l	97
28) Bromochloromethane	4.52	49	91611	20.544	ug/l	100
29) Tetrahydrofuran	4.61	42	283289	109.241	ug/l	100
30) Chloroform	4.65	83	179211	19.730	ug/l	98
31) Cyclohexane	4.97	56	170880	21.106	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	149741	20.162	ug/l	98
36) 1,1-Dichloropropene	5.11	75	131243	19.800	ug/l	99
37) Ethyl Acetate	4.35	43	160192	20.415	ug/l	99
38) Carbon Tetrachloride	5.11	117	126716	19.197	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	147256	20.069	ug/l	98
40) Benzene	5.36	78	399908	20.301	ug/l	100
41) Methacrylonitrile	4.51	41	84728	21.427	ug/l	98
42) 1,2-Dichloroethane	5.38	62	145886	20.057	ug/l	98
43) Isopropyl Acetate	5.52	43	241680	20.999	ug/l	100
44) Trichloroethene	6.16	130	97786	19.180	ug/l	98
45) 1,2-Dichloropropane	6.41	63	107603	19.731	ug/l	99
46) Dibromomethane	6.54	93	70774	20.194	ug/l	96
47) Bromodichloromethane	6.73	83	139522	19.687	ug/l	99
48) Methyl methacrylate	6.60	41	111880	20.097	ug/l	98
49) 1,4-Dioxane	6.59	88	52864	452.542	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	815976	104.430	ug/l	99
52) Toluene	7.62	92	238816	20.876	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	149231	20.217	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	167489	20.472	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	97486	19.322	ug/l	99
56) Ethyl methacrylate	8.00	69	146726	20.120	ug/l	99
57) 1,3-Dichloropropane	8.22	76	173373	19.785	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	227488	89.381	ug/l	99
59) 2-Hexanone	8.34	43	623364	104.635	ug/l	100
60) Dibromochloromethane	8.46	129	102647	19.542	ug/l	99
61) 1,2-Dibromoethane	8.57	107	105039	20.080	ug/l	99
64) Tetrachloroethene	8.21	164	87788	19.286	ug/l	97
65) Chlorobenzene	9.10	112	260207	19.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	95357	19.698	ug/l	100
67) Ethyl Benzene	9.23	91	447685	20.812	ug/l	100
68) m/p-Xylenes	9.36	106	338806	42.770	ug/l	99
69) o-Xylene	9.76	106	155549	20.542	ug/l	99
70) Styrene	9.77	104	270478	20.621	ug/l	100
71) Bromoform	9.94	173	79105	19.408	ug/l #	96
73) Isopropylbenzene	10.15	105	426513	22.468	ug/l	100
74) N-amyl acetate	10.00	43	188160	21.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	168484	20.741	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	191897	27.006	ug/l	88
77) Bromobenzene	10.43	156	110504	21.804	ug/l	97
78) n-propylbenzene	10.57	91	501026	22.075	ug/l	100
79) 2-Chlorotoluene	10.64	91	302603	22.264	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	360435	22.217	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.48	75	191897	72.010	ug/l #	100
82) 4-Chlorotoluene	10.75	91	347528	21.753	ug/l	100
83) tert-Butylbenzene	11.08	119	340029	22.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	364623	23.071	ug/l	99
85) sec-Butylbenzene	11.31	105	419759	22.045	ug/l	99
86) p-Isopropyltoluene	11.46	119	382588	22.161	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	196323	20.440	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	199255	20.104	ug/l	99
89) n-Butylbenzene	11.87	91	330289	19.773	ug/l	100
90) Hexachloroethane	12.13	117	71576	21.171	ug/l	95
91) 1,2-Dichlorobenzene	11.86	146	190772	20.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	36470	21.869	ug/l	97

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

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Operator : JC/SP
Sample : VU0827WBSD01
Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
VU0827WBSD01

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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)
93) 1,2,4-Trichlorobenzene	13.49	180	111612	19.166	ug/l	98
94) Hexachlorobutadiene	13.67	225	67704	19.717	ug/l	99
95) Naphthalene	13.73	128	315461	18.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	116352	19.899	ug/l	98

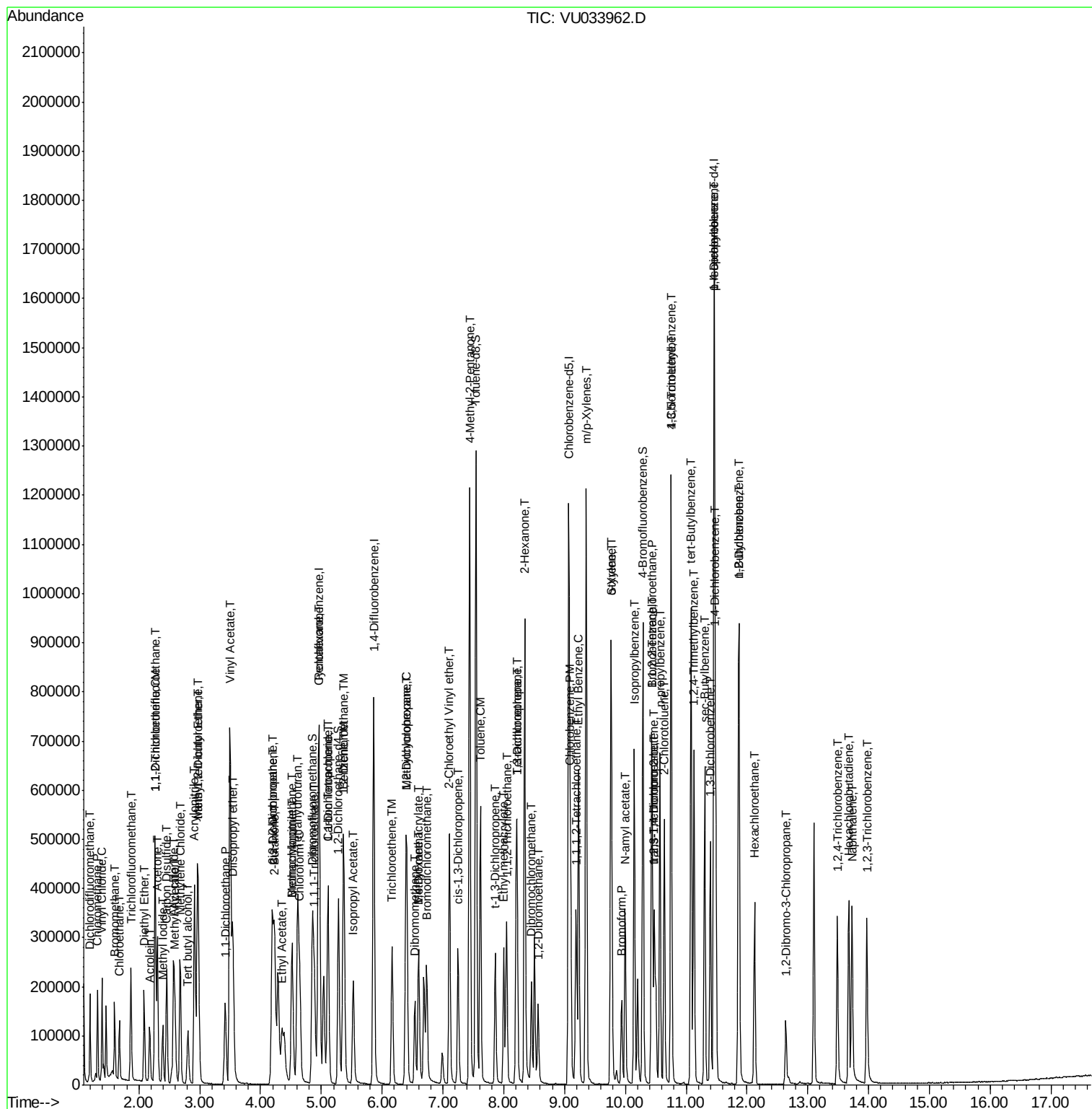
(#) = qualifier out of range (m) = manual integration (+) = signals summed

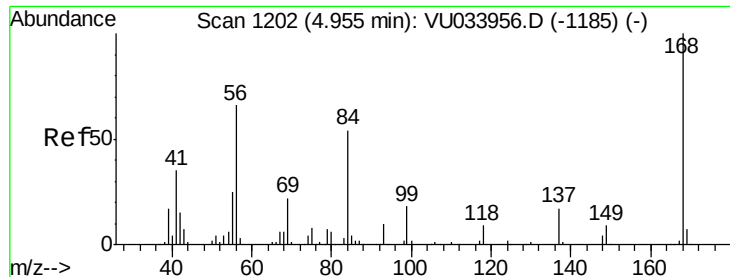
Data File : VU033962.D

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Acq On       : 26 Aug 2019   20:59
Operator    : JC/SP
Sample      : VU0827WBSD01
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 14   Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

Quant Time: Aug 27 08:00:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
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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: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

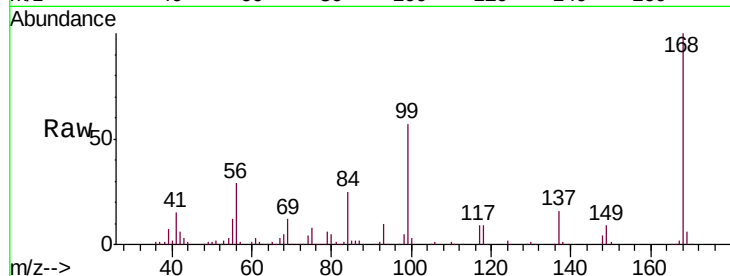
VU0827WBSD01

Tgt Ion:168 Resp: 387838

Ion Ratio Lower Upper

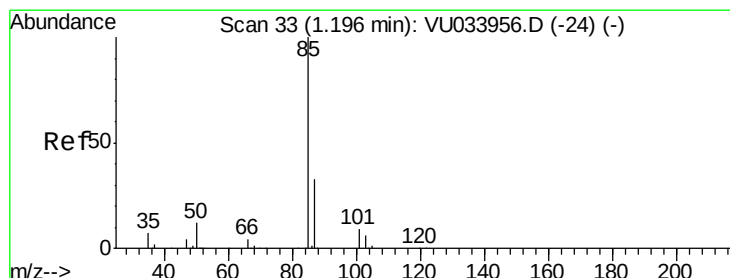
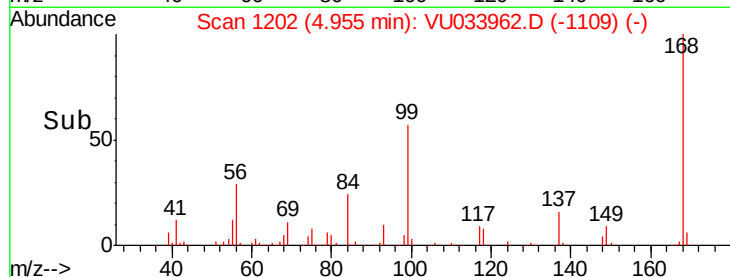
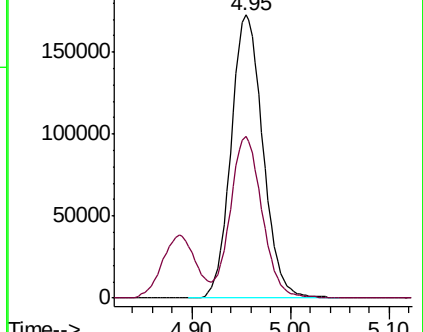
168 100

99 56.7 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: 20.962 ug/l

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033962.D

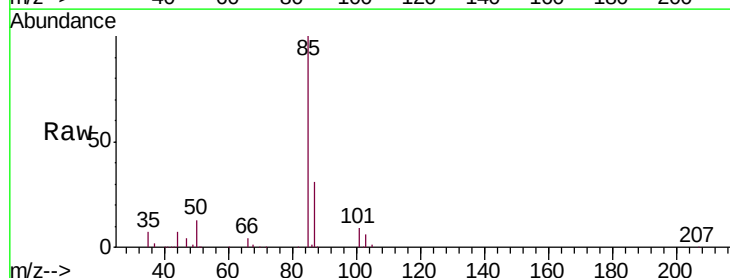
Acq: 26 Aug 2019 20:59

Tgt Ion: 85 Resp: 94931

Ion Ratio Lower Upper

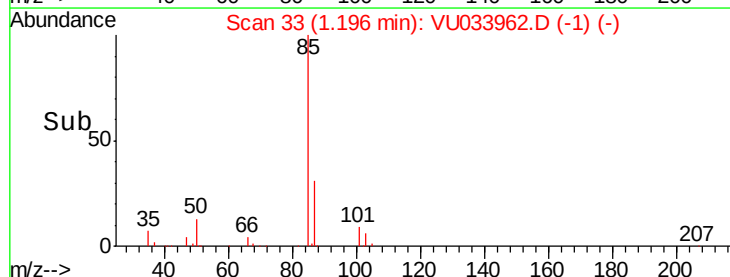
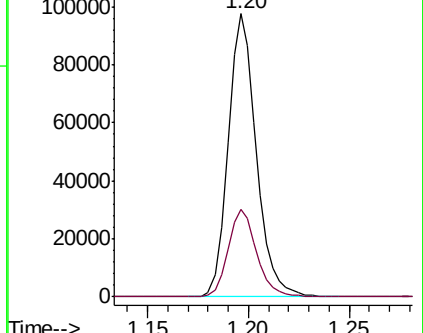
85 100

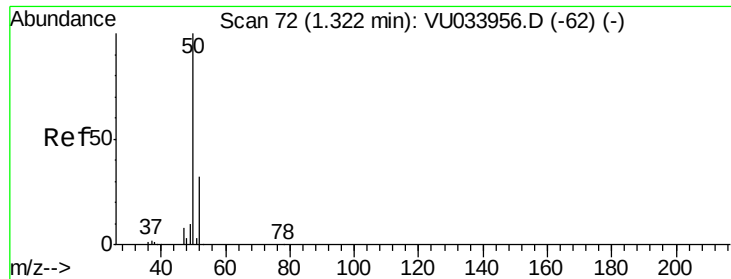
87 31.1 16.3 48.9



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: 21.490 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

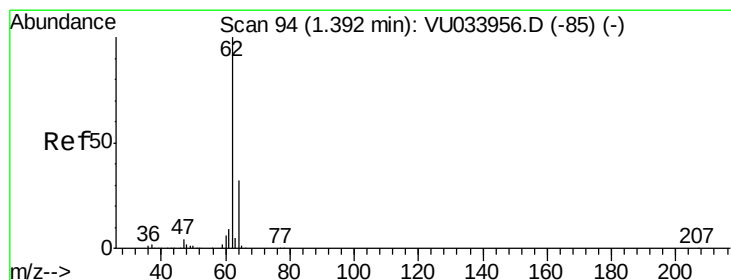
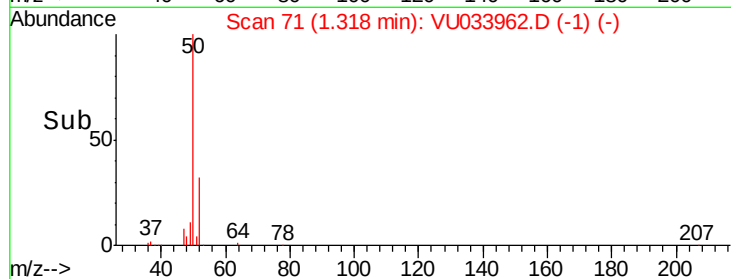
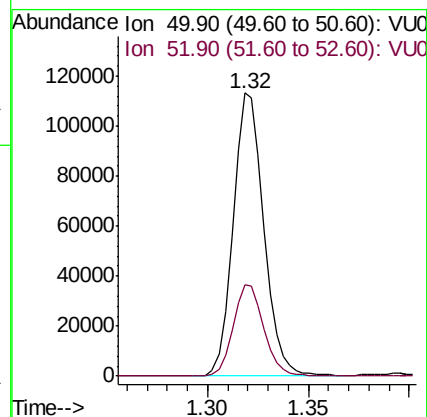
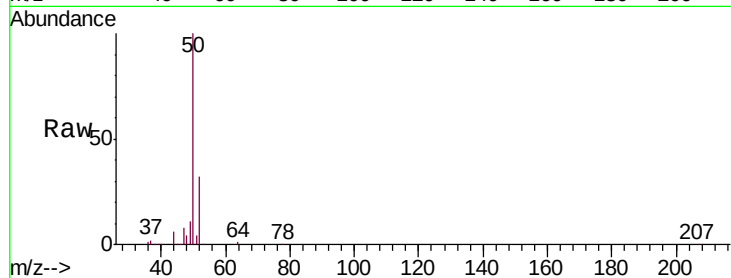
VU0827WBSD01

Tgt Ion: 50 Resp: 120397

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 20.442 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033962.D

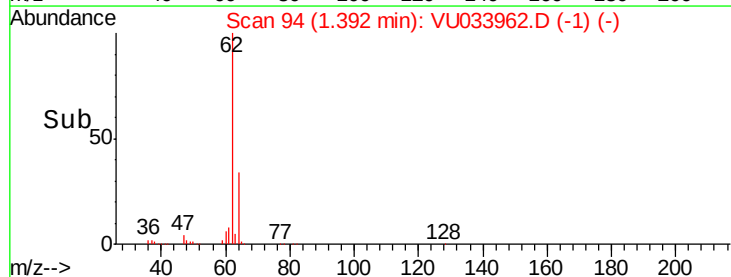
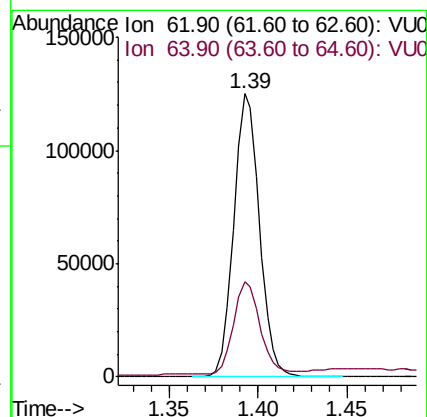
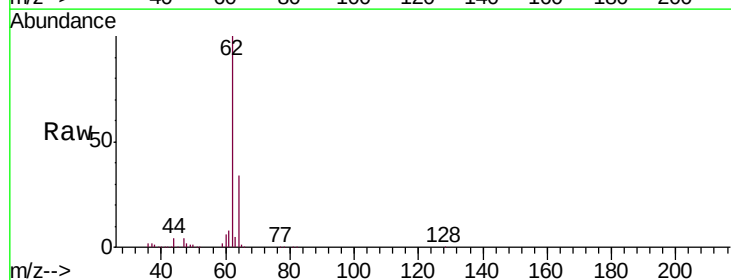
Acq: 26 Aug 2019 20:59

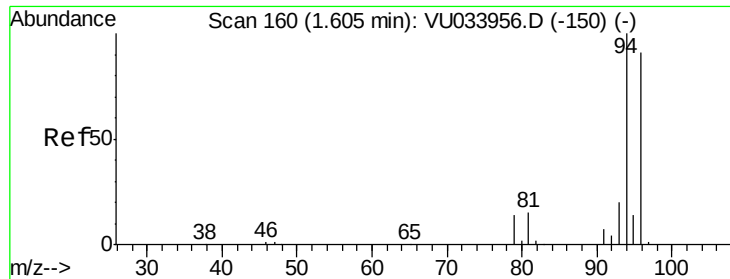
Tgt Ion: 62 Resp: 124913

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 20.015 ug/l

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

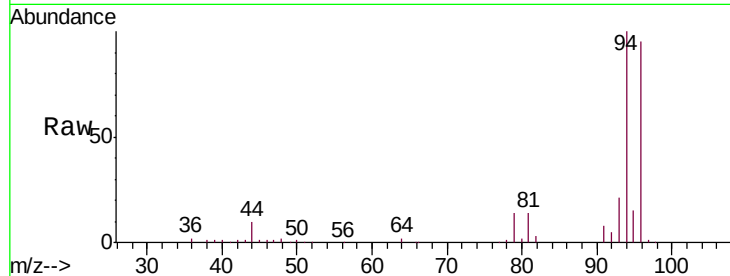
VU0827WBSD01

Tgt Ion: 94 Resp: 67899

Ion Ratio Lower Upper

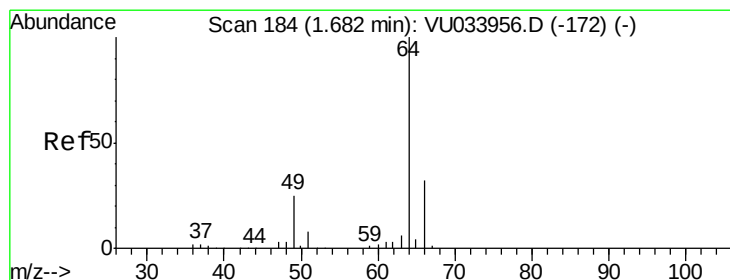
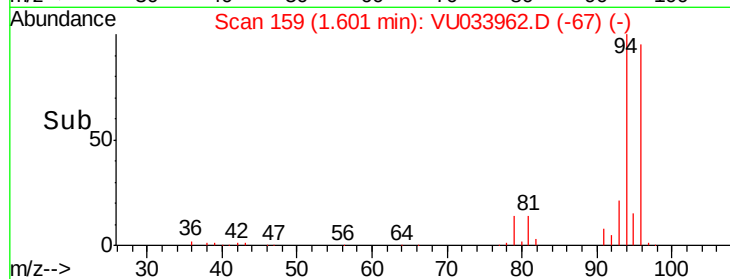
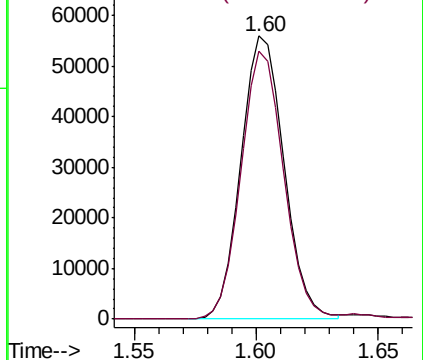
94 100

96 94.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 19.719 ug/l

RT: 1.68 min Scan# 183

Delta R.T. -0.00 min

Lab File: VU033962.D

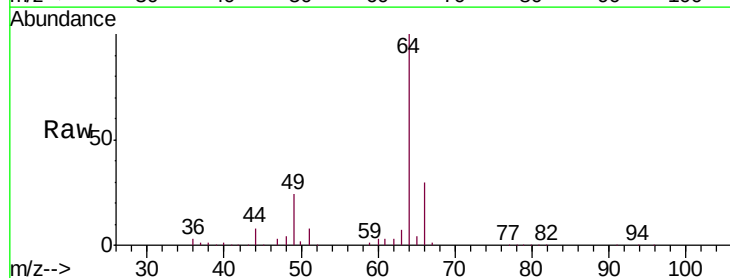
Acq: 26 Aug 2019 20:59

Tgt Ion: 64 Resp: 75954

Ion Ratio Lower Upper

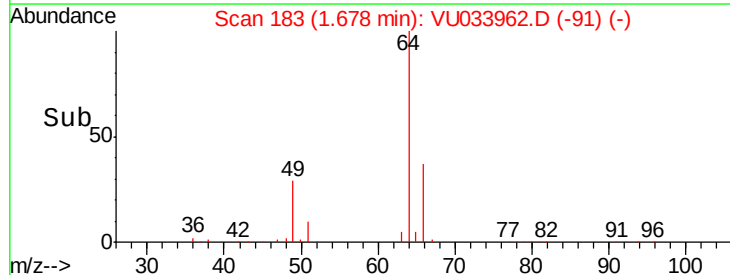
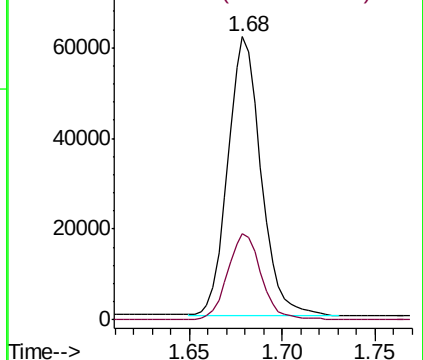
64 100

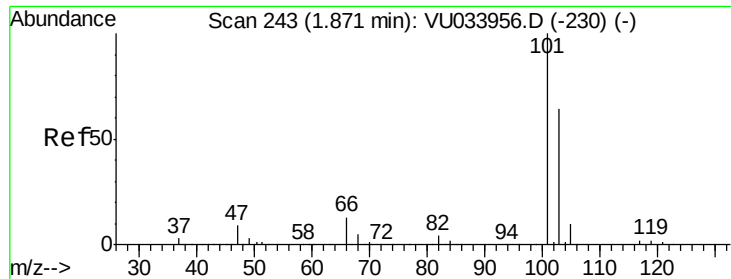
66 30.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



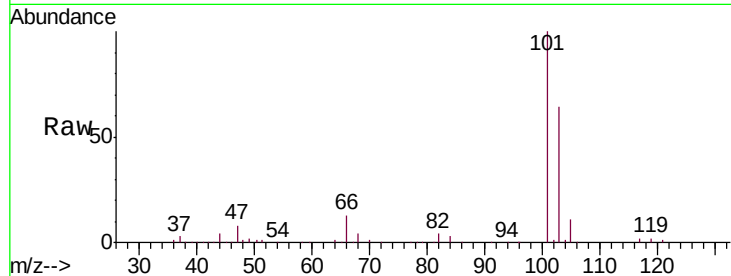


#7

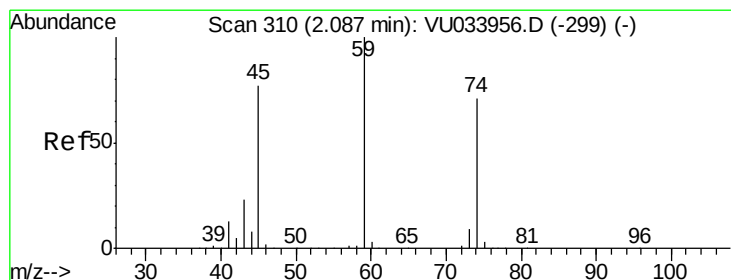
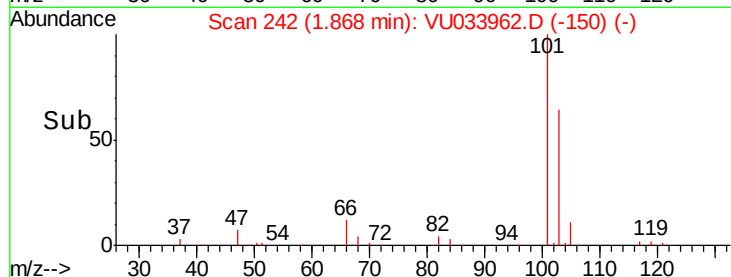
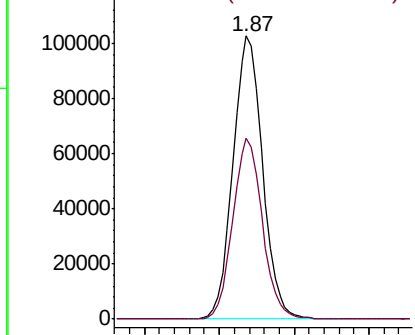
Trichlorofluoromethane
 Concen: 19.462 ug/l
 RT: 1.87 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

Tgt Ion:101 Resp: 141571
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3



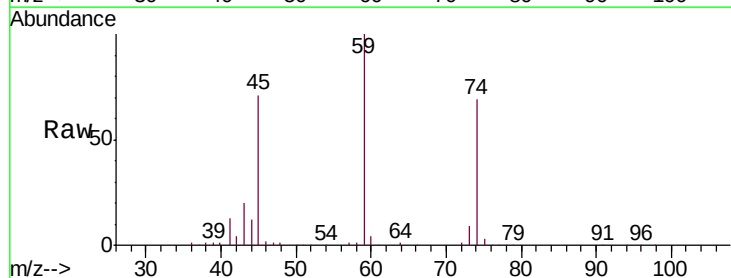
Abundance Ion 100.90 (100.60 to 101.60): V
 120000 Ion 102.80 (102.50 to 103.50): V



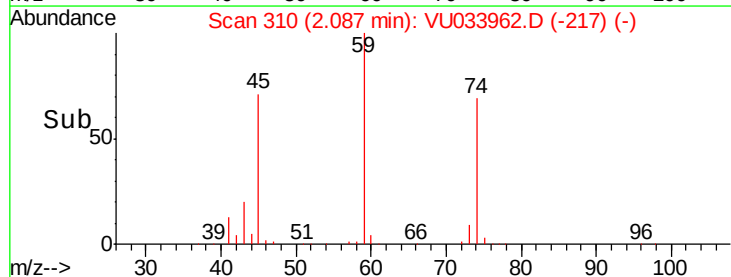
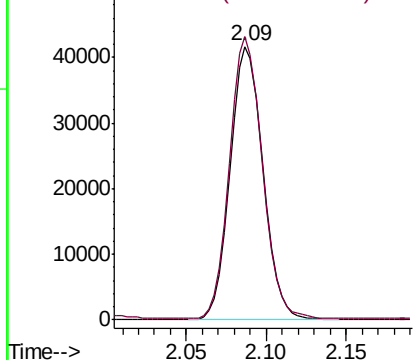
#8

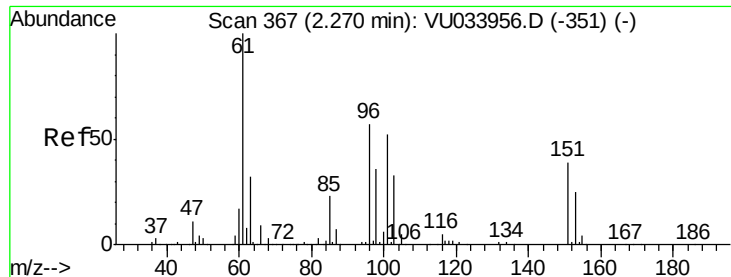
Diethyl Ether
 Concen: 18.595 ug/l
 RT: 2.09 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 74 Resp: 58114
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.9 161.7



Abundance Ion 74.00 (73.70 to 74.70): VU0
 50000 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.463 ug/l

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033962.D

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MSVOA_U

ClientSampleId :

VU0827WBSD01

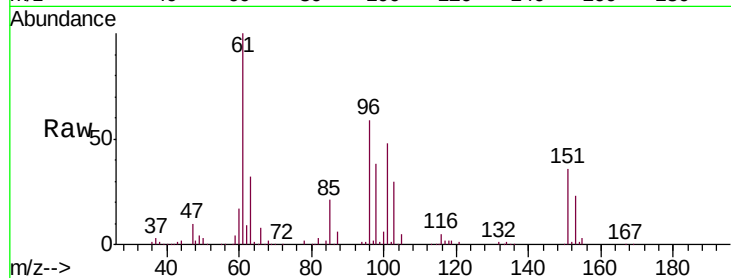
Tgt Ion:101 Resp: 85978

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

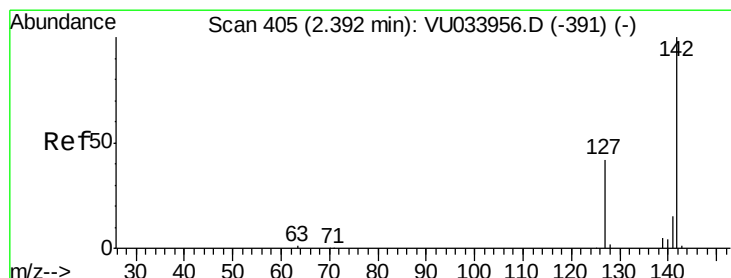
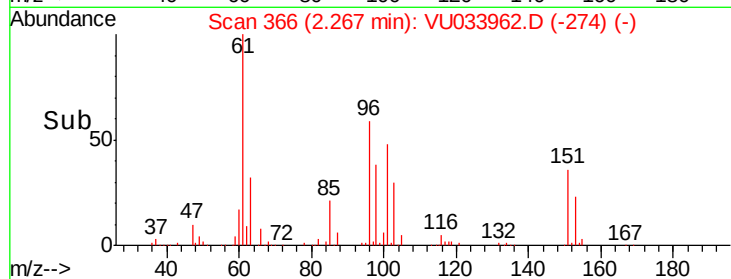
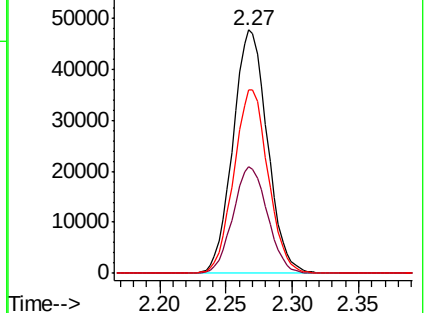
151 75.1 57.9 86.9



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: 22.247 ug/l

RT: 2.39 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

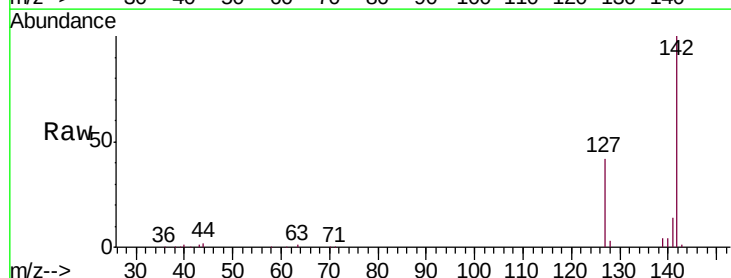
Tgt Ion:142 Resp: 113812

Ion Ratio Lower Upper

142 100

127 42.6 34.3 51.5

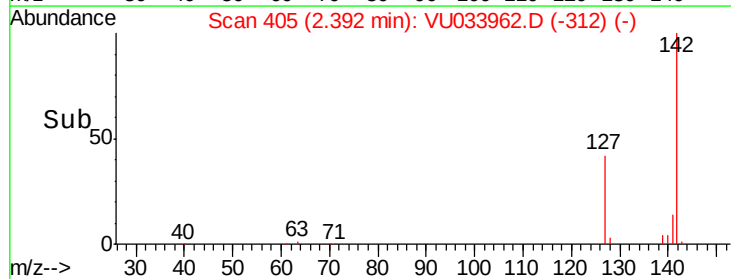
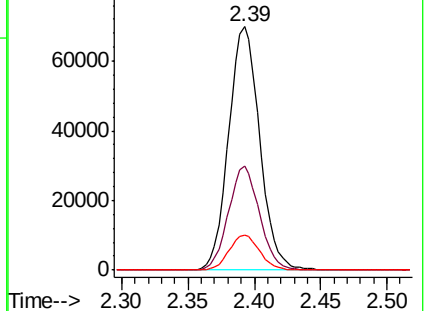
141 14.2 11.8 17.6

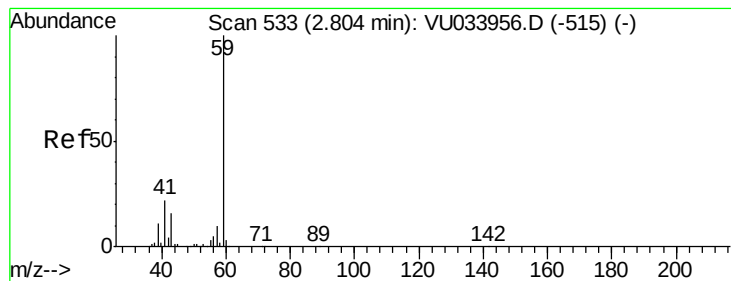


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



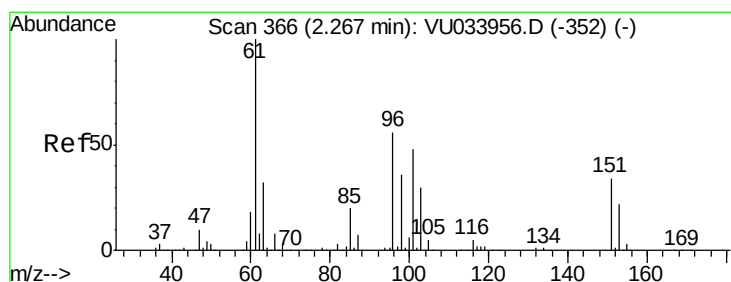
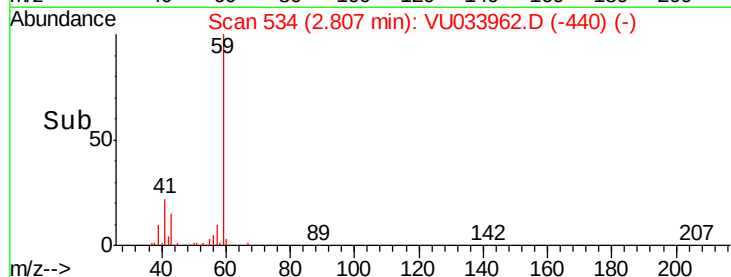
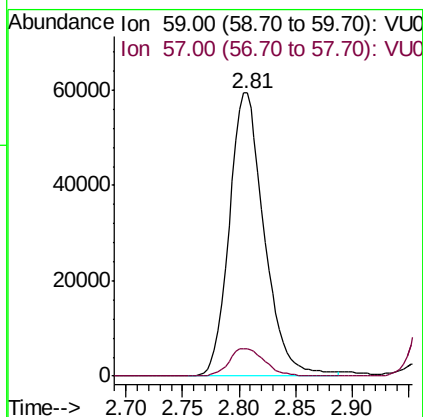
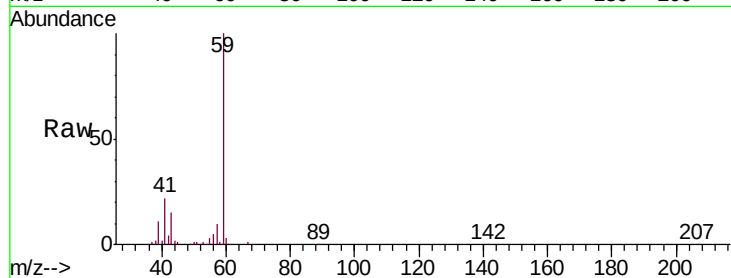


#11

Tert butyl alcohol
 Concen: 109.866 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

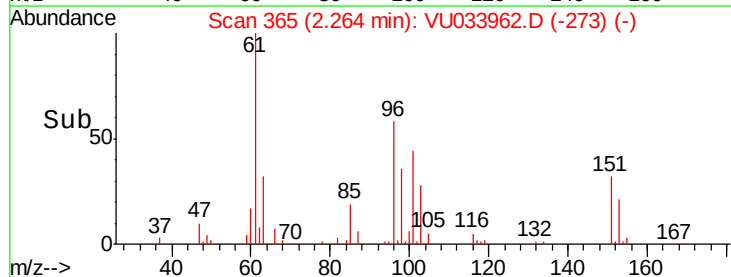
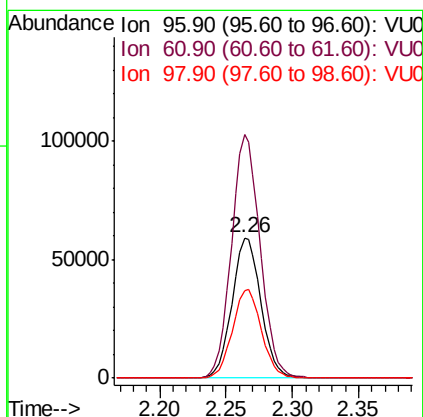
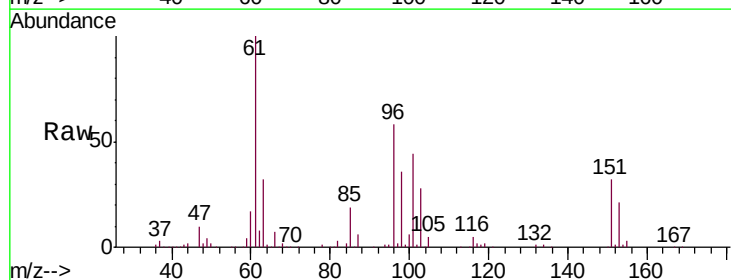
Tgt Ion: 59 Resp: 127980
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

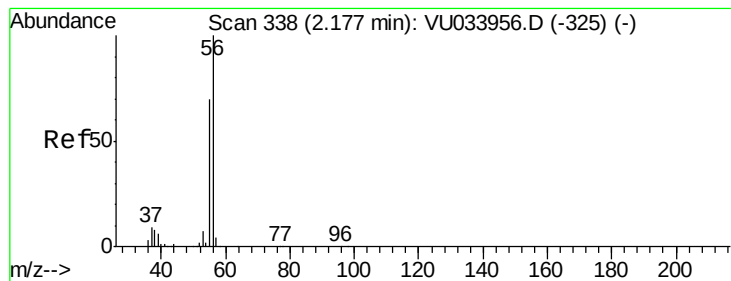


#12

1,1-Dichloroethene
 Concen: 20.692 ug/l
 RT: 2.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 96 Resp: 89143
 Ion Ratio Lower Upper
 96 100
 61 173.8 142.3 213.5
 98 62.8 51.0 76.6





#13

Acrolein

Concen: 108.315 ug/l

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

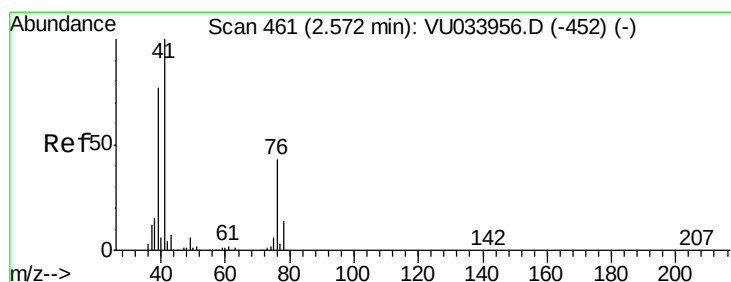
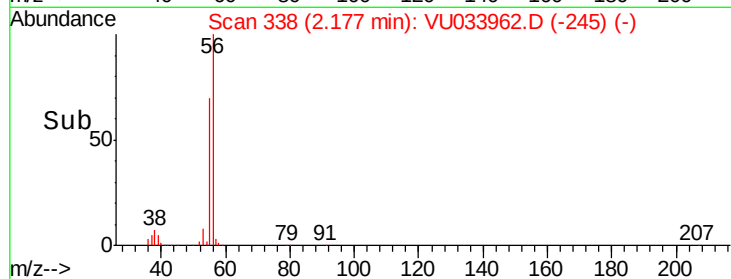
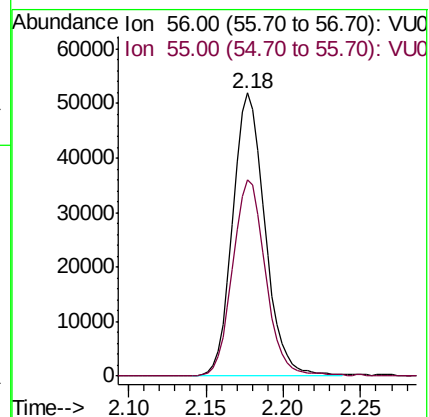
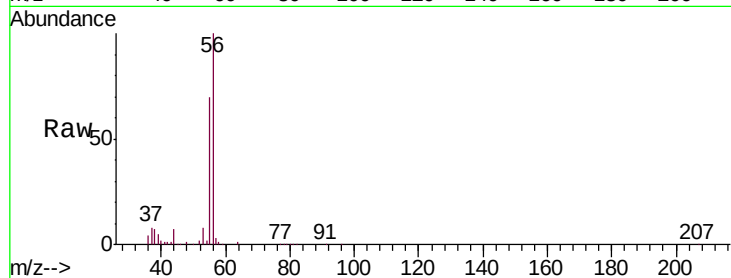
VU0827WBSD01

Tgt Ion: 56 Resp: 75036

Ion Ratio Lower Upper

56 100

55 71.0 56.3 84.5



#14

Allyl chloride

Concen: 19.554 ug/l

RT: 2.57 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

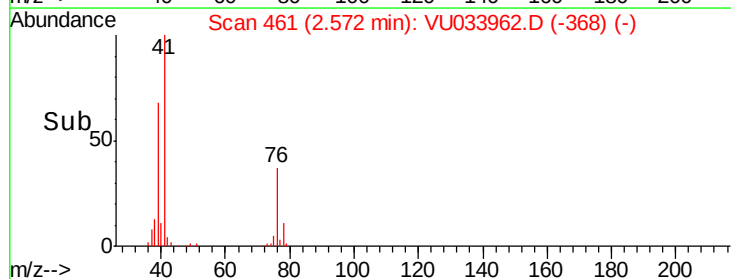
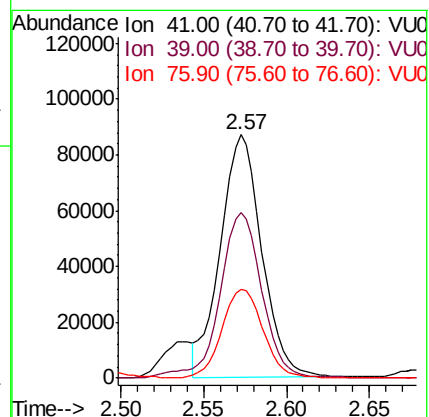
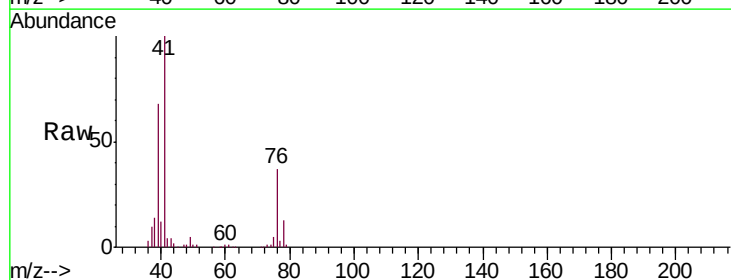
Tgt Ion: 41 Resp: 151224

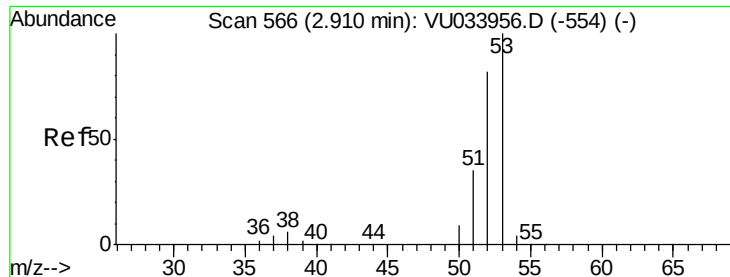
Ion Ratio Lower Upper

41 100

39 69.5 56.4 84.6

76 36.1 29.2 43.8





#15

Acrylonitrile

Concen: 106.836 ug/l

RT: 2.91 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

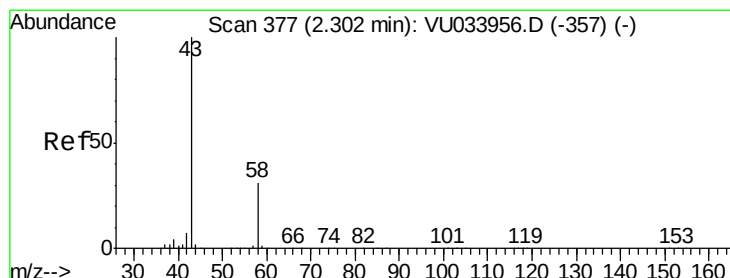
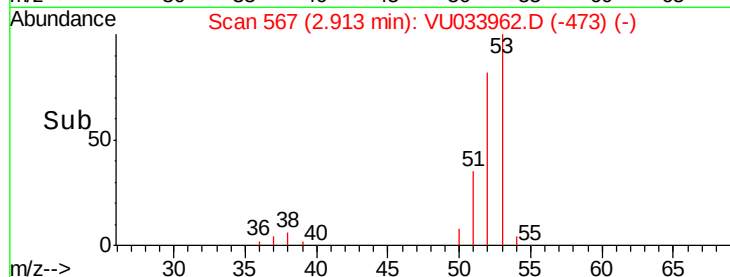
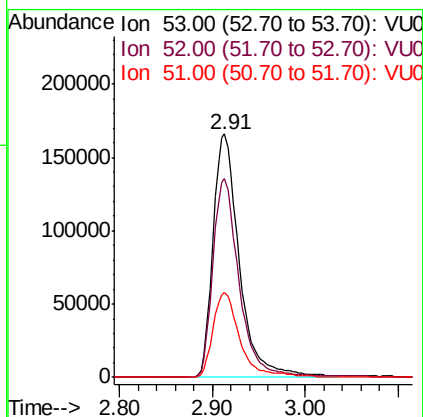
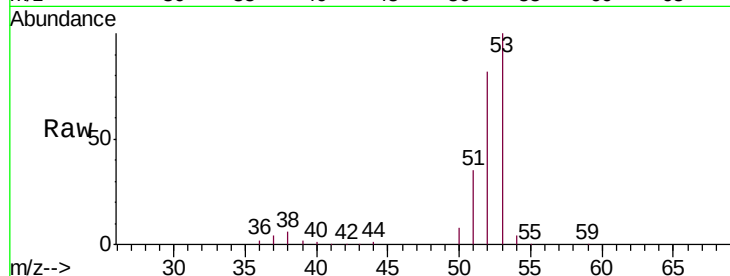
Tgt Ion: 53 Resp: 327545

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 35.9 28.6 43.0



#16

Acetone

Concen: 89.717 ug/l

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VU033962.D

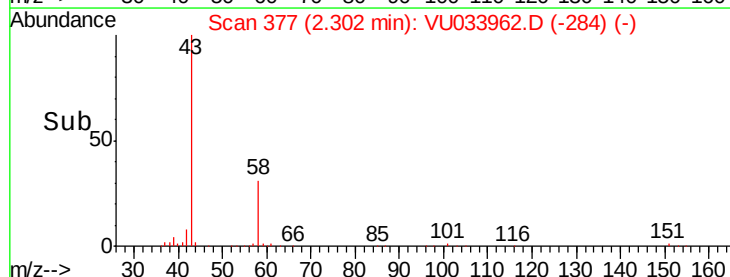
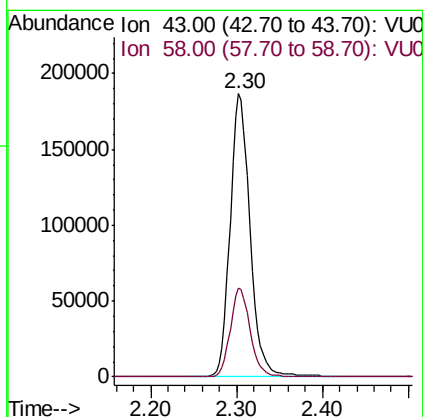
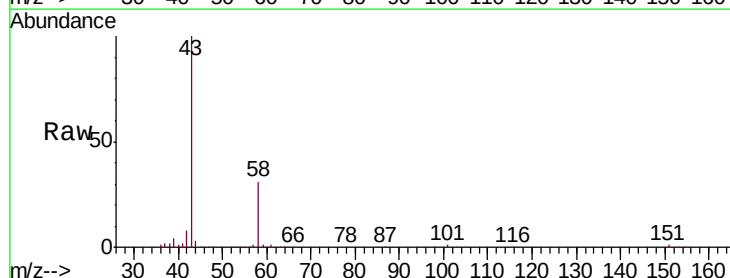
Acq: 26 Aug 2019 20:59

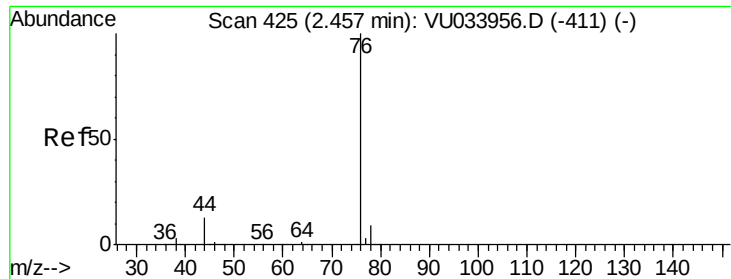
Tgt Ion: 43 Resp: 297629

Ion Ratio Lower Upper

43 100

58 31.5 24.5 36.7

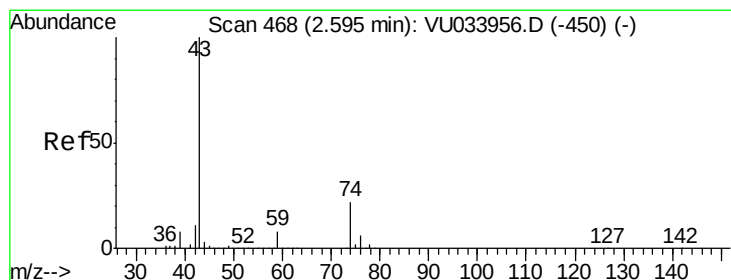
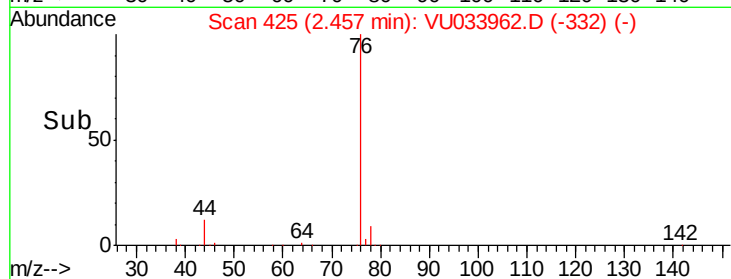
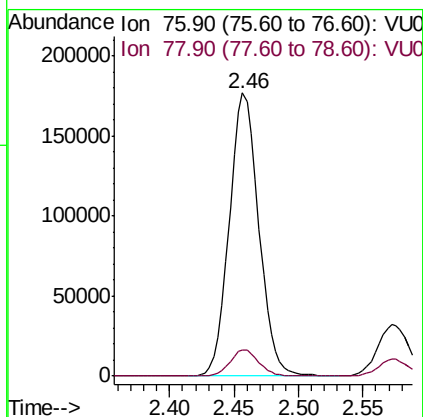
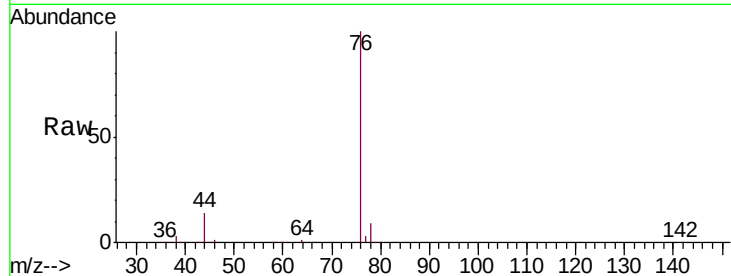




#17
Carbon Disulfide
Concen: 19.726 ug/l
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

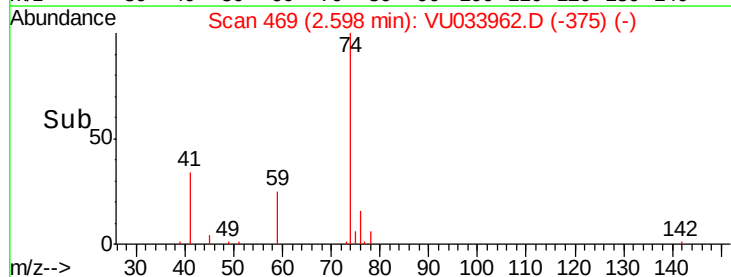
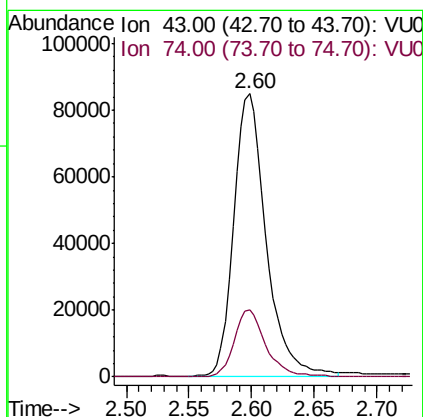
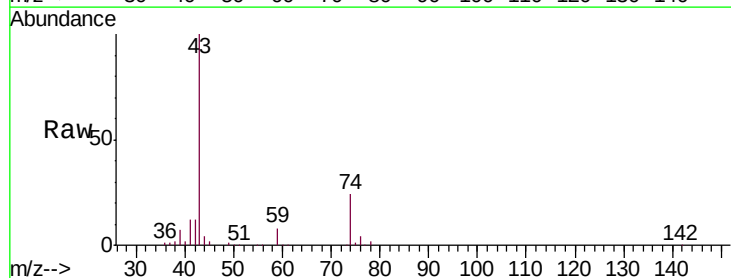
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

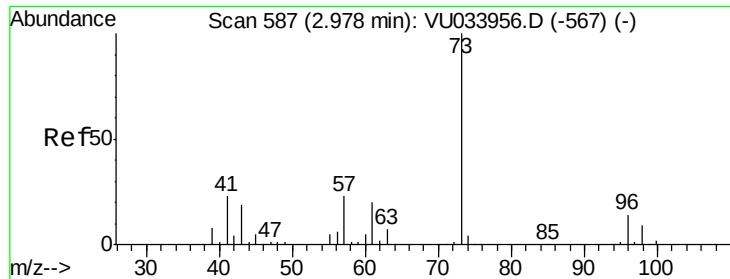
Tgt Ion: 76 Resp: 281806
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 20.456 ug/l
RT: 2.60 min Scan# 469
Delta R.T. 0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 43 Resp: 151431
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2



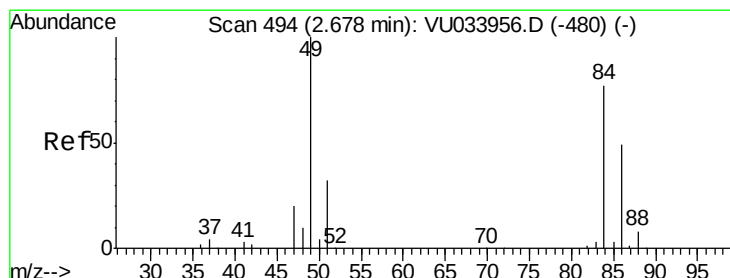
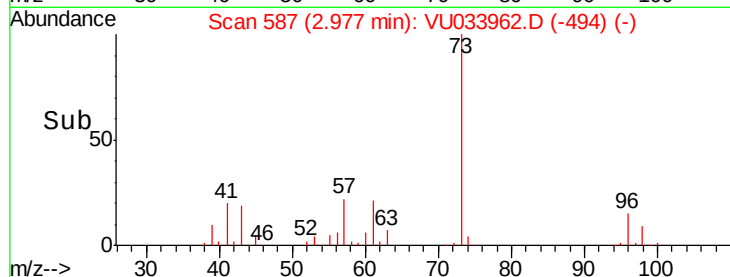
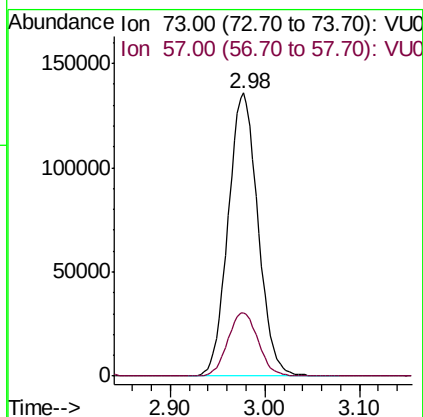
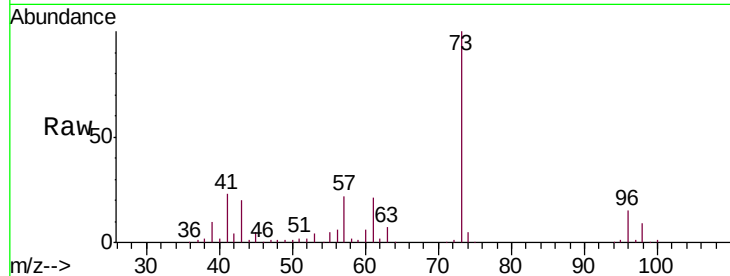


#19

Methyl tert-butyl Ether
 Concen: 21.587 ug/l
 RT: 2.98 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

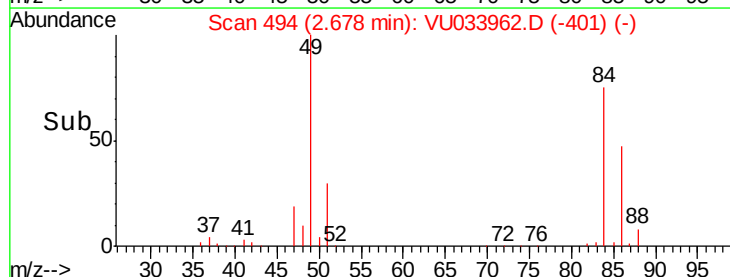
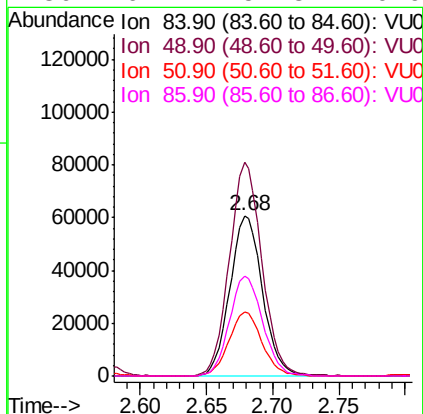
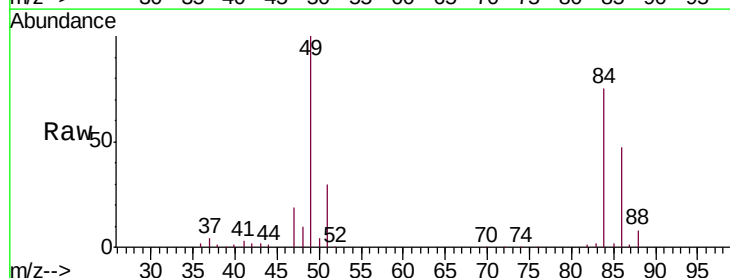
Tgt Ion: 73 Resp: 297248
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.3 27.5

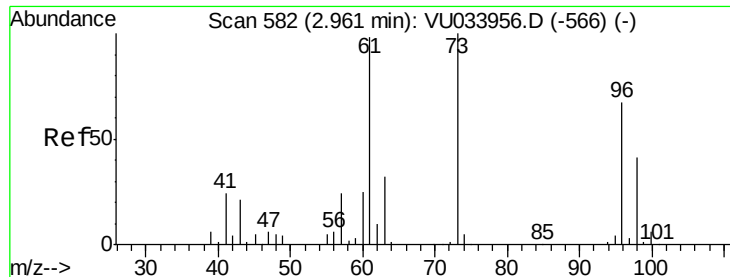


#20

Methylene Chloride
 Concen: 19.508 ug/l
 RT: 2.68 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 84 Resp: 103789
 Ion Ratio Lower Upper
 84 100
 49 133.2 104.1 156.1
 51 39.9 33.0 49.6
 86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.872 ug/l

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

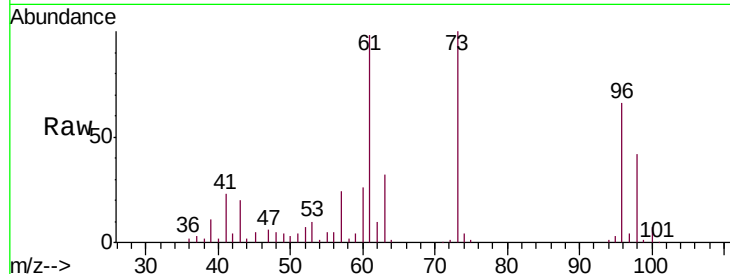
Tgt Ion: 96 Resp: 94324

Ion Ratio Lower Upper

96 100

61 149.7 117.8 176.8

98 64.8 49.8 74.8

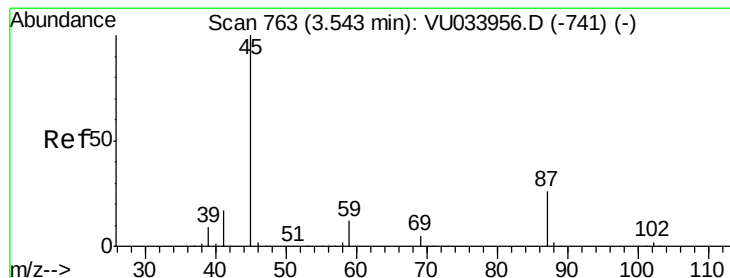
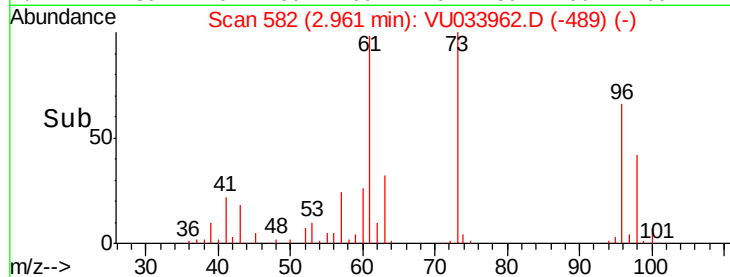
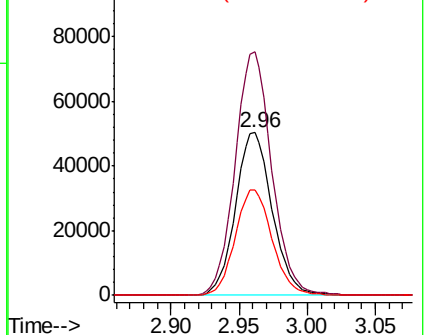


Abundance

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: 21.507 ug/l

RT: 3.54 min Scan# 763

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Tgt Ion: 45 Resp: 321571

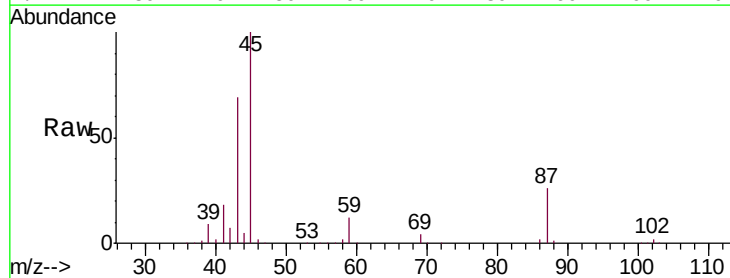
Ion Ratio Lower Upper

45 100

43 68.9 50.6 76.0

87 25.6 21.2 31.8

59 11.5 9.6 14.4



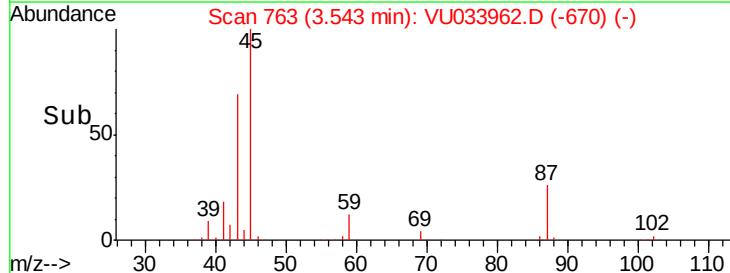
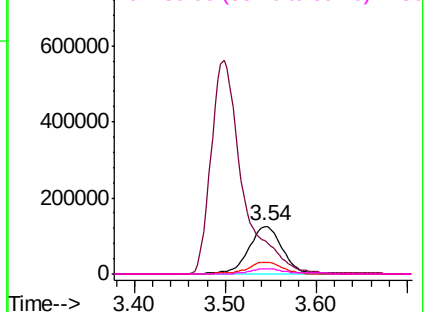
Abundance

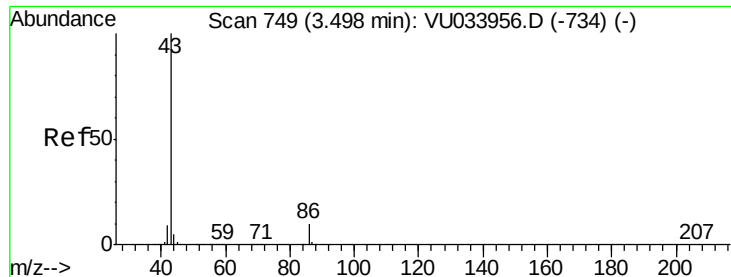
Ion 45.00 (44.70 to 45.70): VU0

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: 110.355 ug/l

RT: 3.50 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

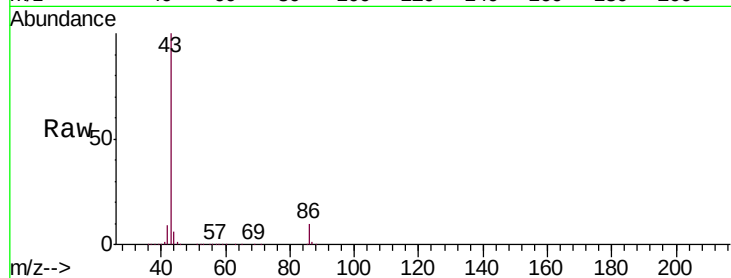
VU0827WBSD01

Tgt Ion: 43 Resp: 1367419

Ion Ratio Lower Upper

43 100

86 10.2 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

500000

400000

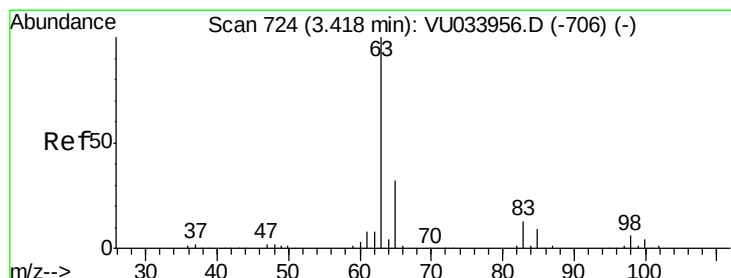
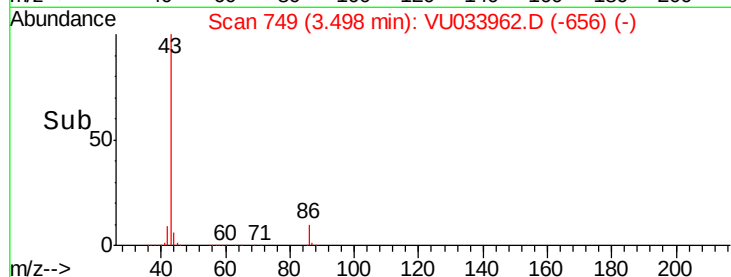
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.286 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

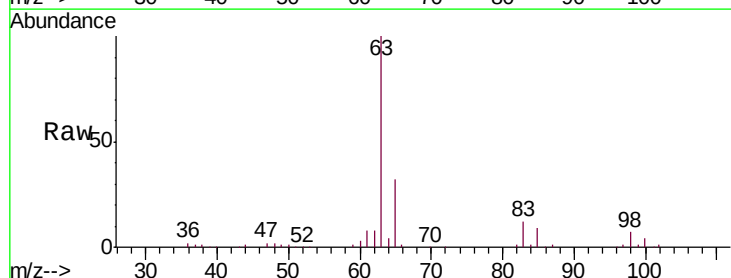
Tgt Ion: 63 Resp: 185710

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 4.1 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

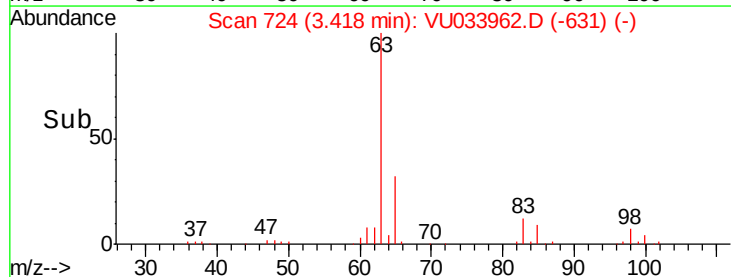
60000

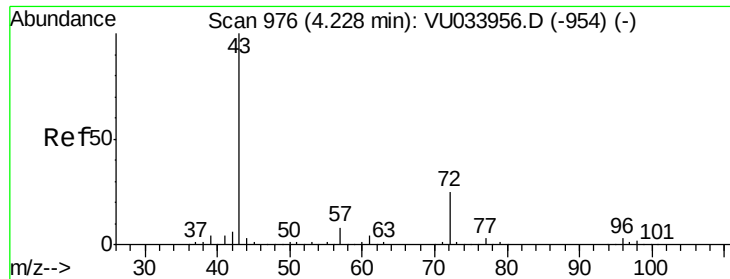
40000

20000

0

Time-->





#25

2-Butanone

Concen: 103.038 ug/l

RT: 4.23 min Scan# 977

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

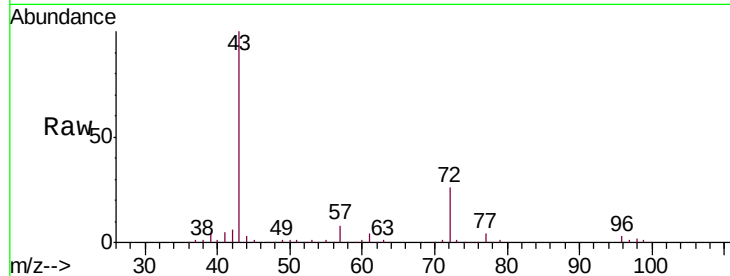
VU0827WBSD01

Tgt Ion: 43 Resp: 441753

Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU033956.D (-954) (-)

200000

150000

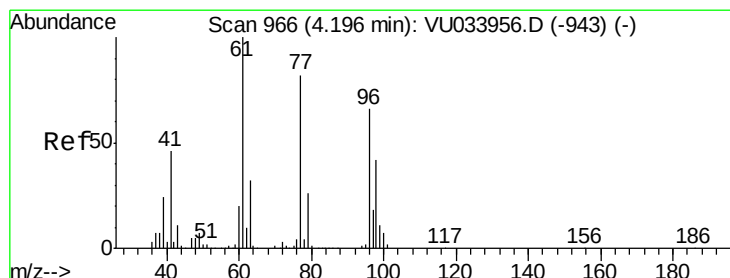
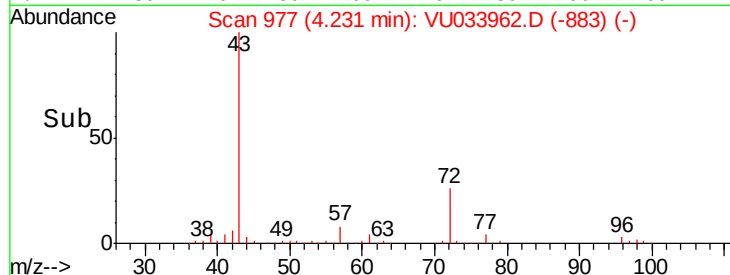
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 18.666 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033962.D

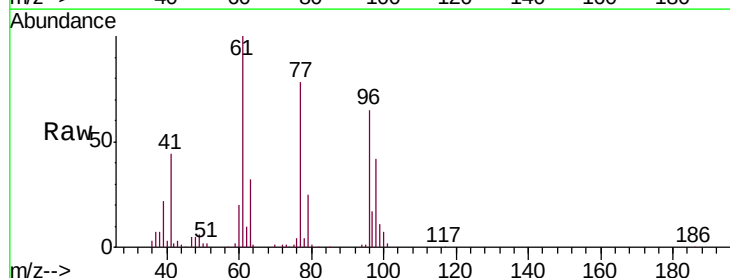
Acq: 26 Aug 2019 20:59

Tgt Ion: 77 Resp: 138556

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VU033956.D (-943) (-)

Ion 96.90 (96.60 to 97.60): VU033956.D (-943) (-)

60000

50000

40000

30000

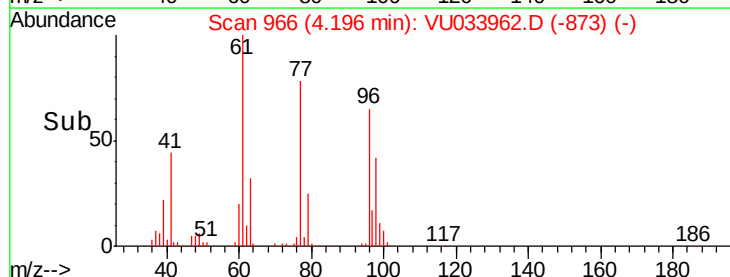
20000

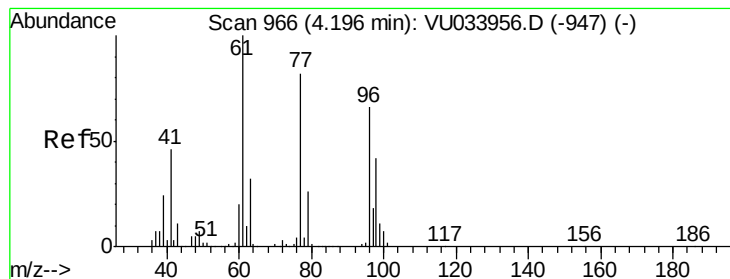
10000

0

4.10 4.20 4.30

Time-->



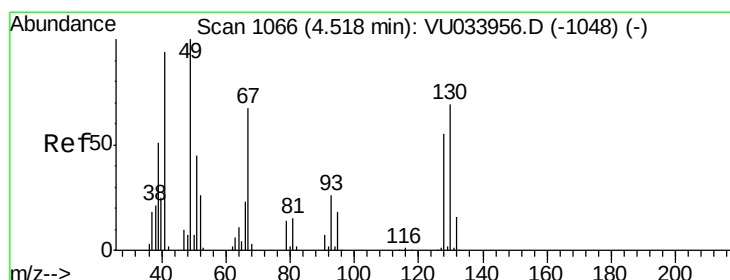
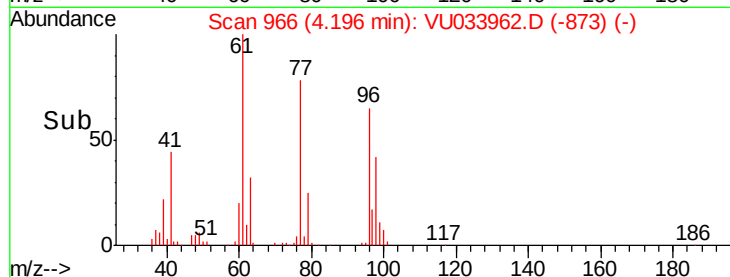
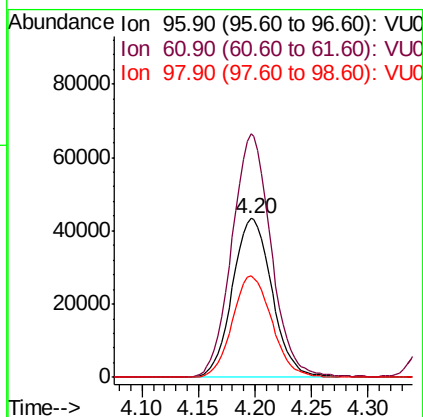
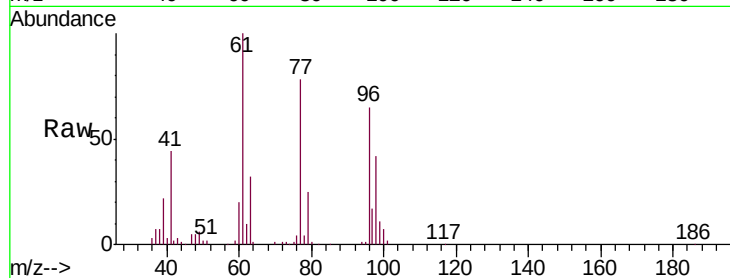


#27

cis-1,2-Dichloroethene
 Concen: 20.747 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

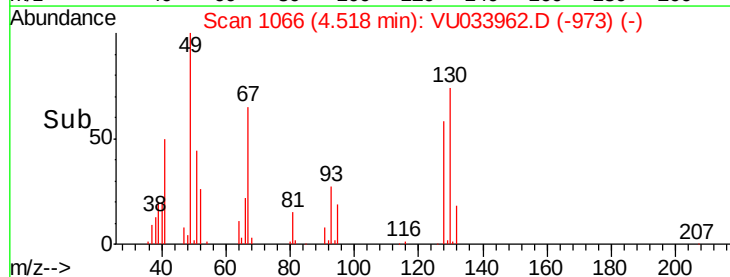
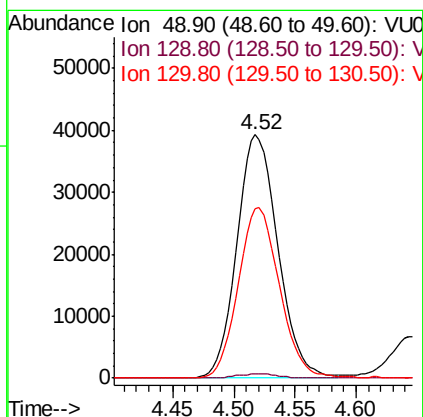
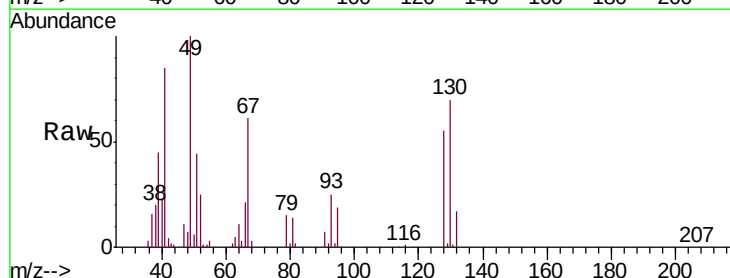
Tgt Ion: 96 Resp: 105606
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 312.2
 98 63.9 0.0 129.4

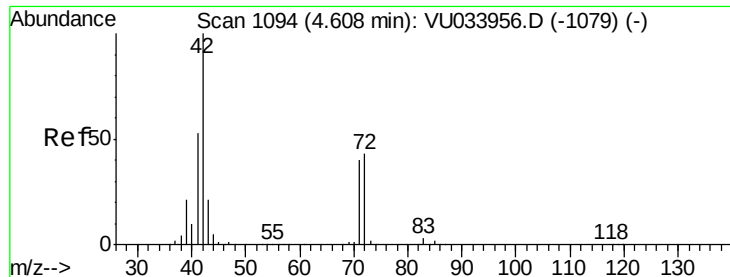


#28

Bromochloromethane
 Concen: 20.544 ug/l
 RT: 4.52 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 49 Resp: 91611
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 70.1 56.2 84.4





#29

Tetrahydrofuran

Concen: 109.241 ug/l

RT: 4.61 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

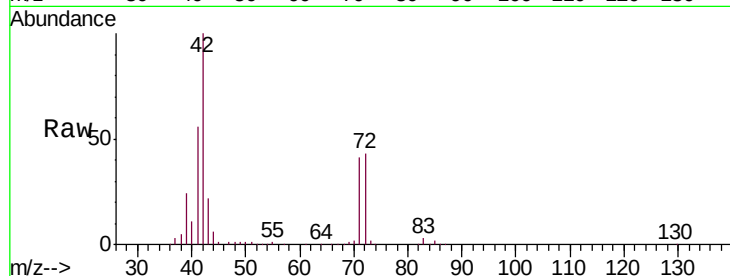
Tgt Ion: 42 Resp: 283289

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

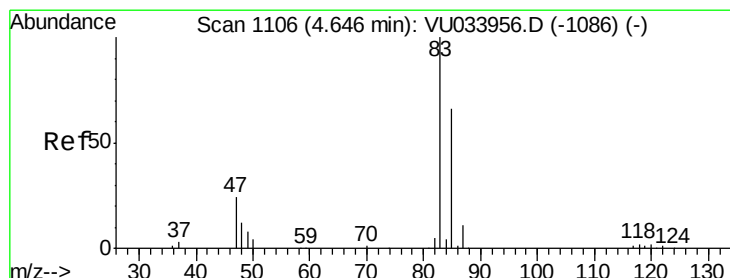
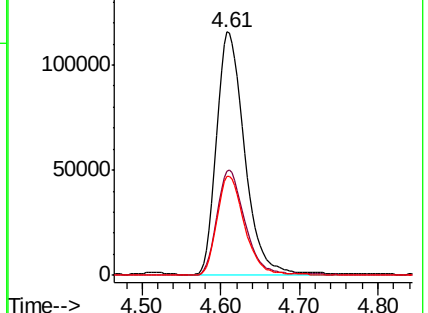
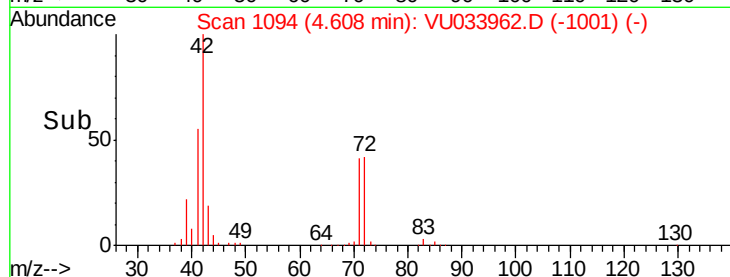
71 40.2 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VU033962.D (-1001) (-)

Ion 72.00 (71.70 to 72.70): VU033962.D (-1001) (-)

Ion 71.00 (70.70 to 71.70): VU033962.D (-1001) (-)



#30

Chloroform

Concen: 19.730 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033962.D

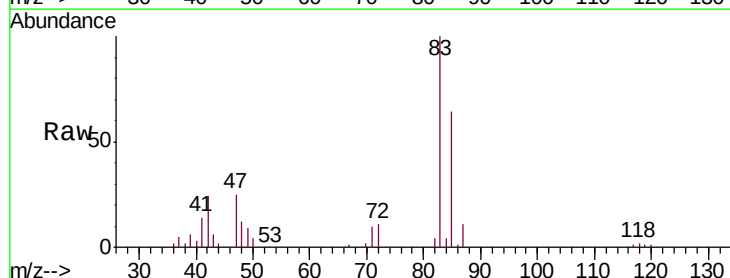
Acq: 26 Aug 2019 20:59

Tgt Ion: 83 Resp: 179211

Ion Ratio Lower Upper

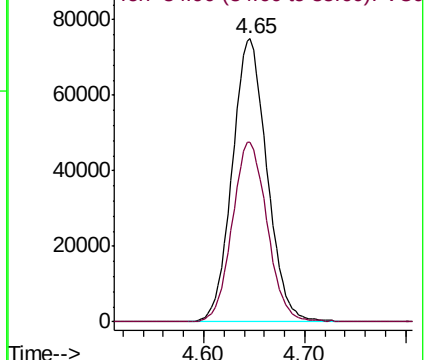
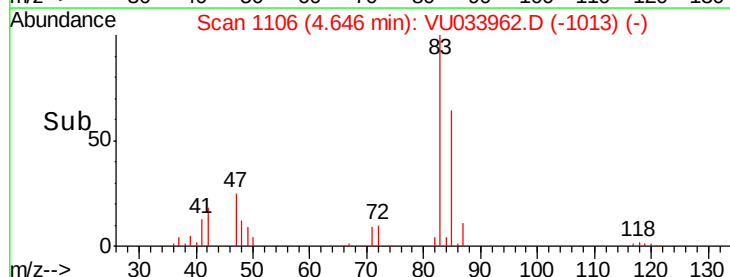
83 100

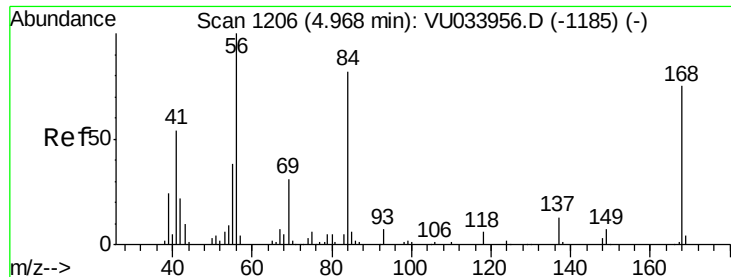
85 63.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU033962.D (-1013) (-)

Ion 84.90 (84.60 to 85.60): VU033962.D (-1013) (-)

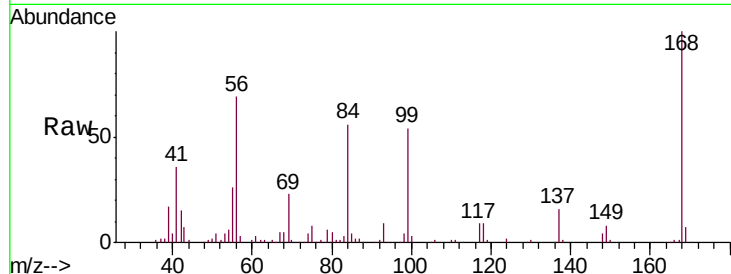




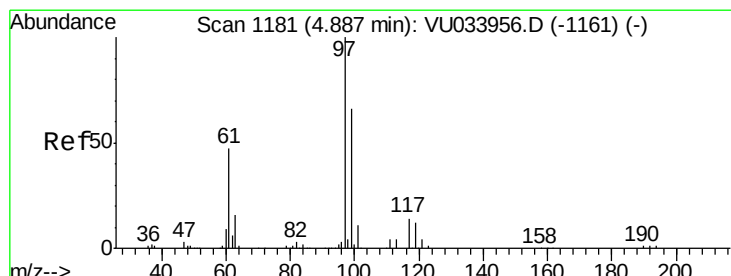
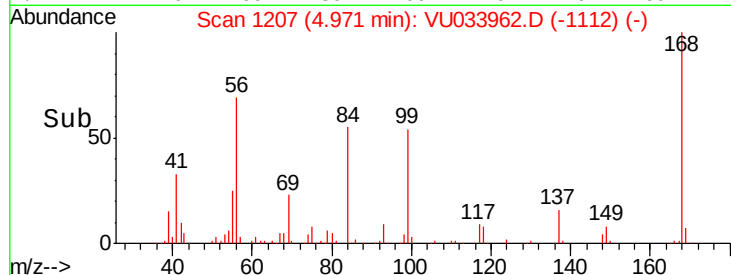
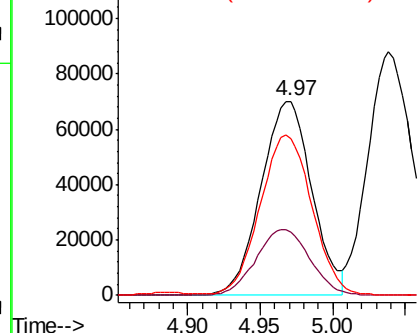
#31
Cyclohexane
Concen: 21.106 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

Tgt Ion: 56 Resp: 170880
Ion Ratio Lower Upper
56 100
69 32.6 24.6 37.0
84 80.2 65.4 98.0

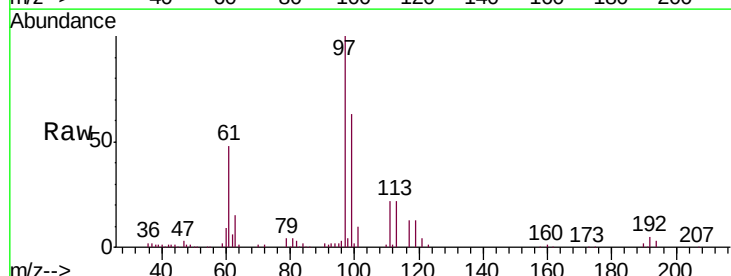


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

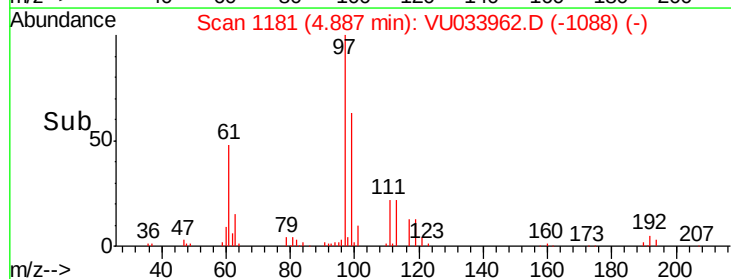
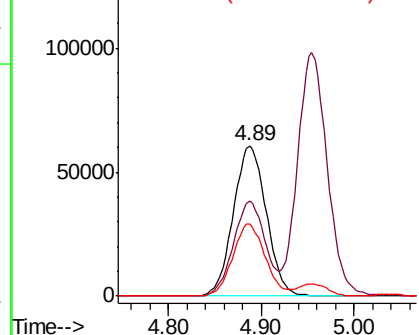


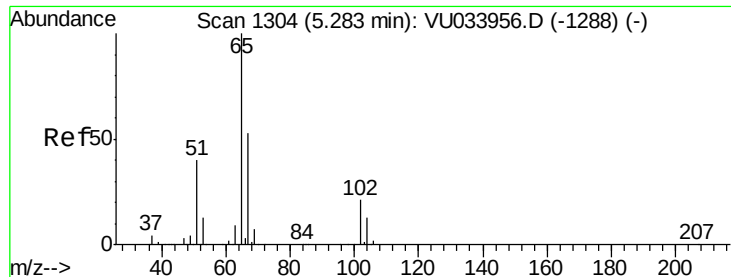
#32
1,1,1-Trichloroethane
Concen: 20.162 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 97 Resp: 149741
Ion Ratio Lower Upper
97 100
99 61.6 51.4 77.0
61 47.1 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

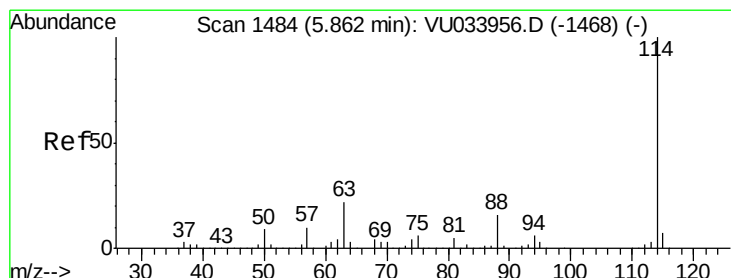
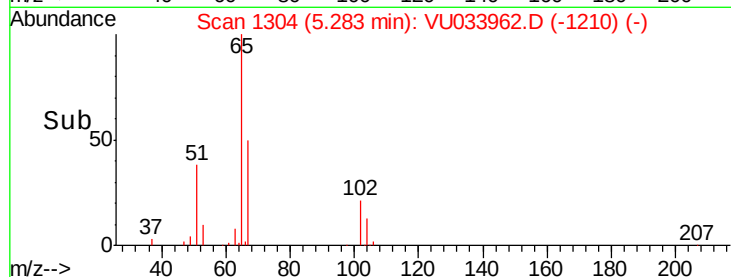
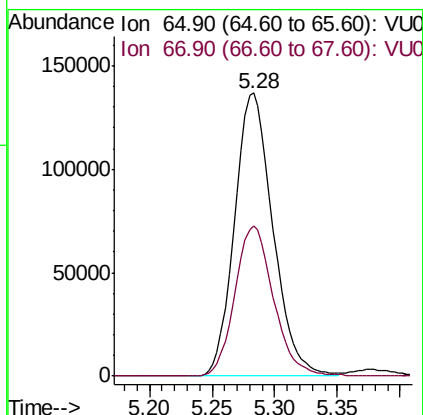
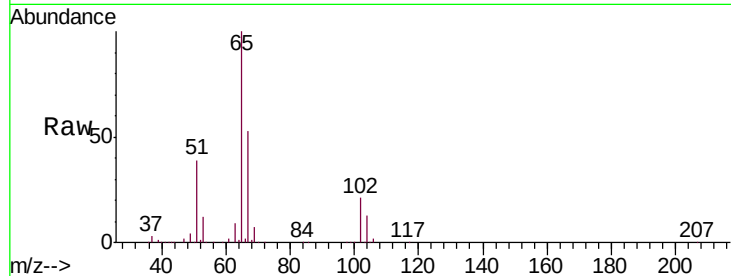




#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 5.28 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

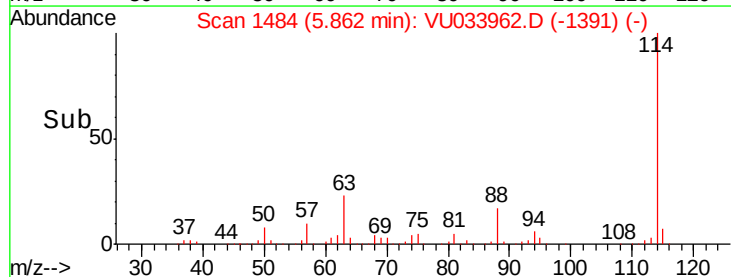
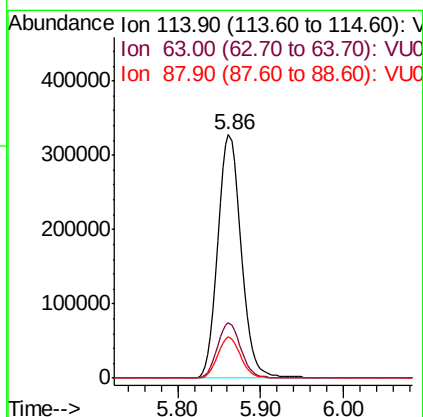
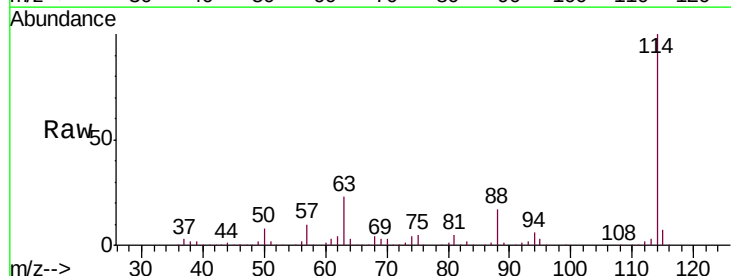
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

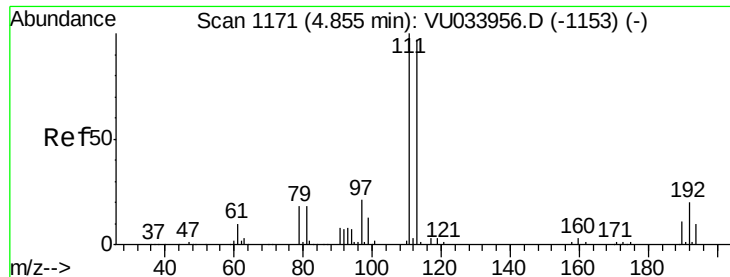
Tgt Ion: 65 Resp: 290828
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 114 Resp: 641980
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.2
 88 16.8 0.0 32.0

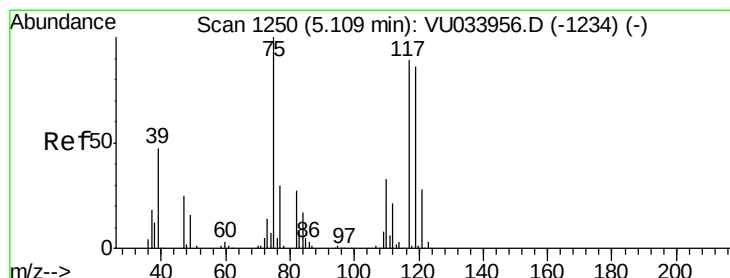
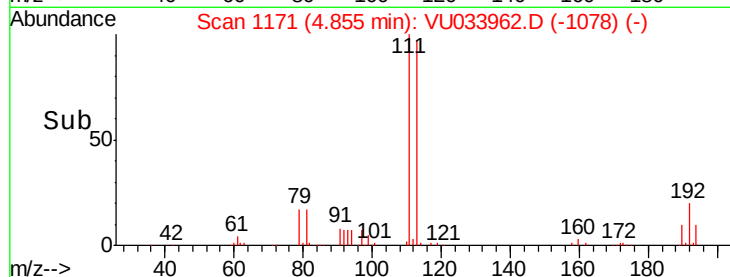
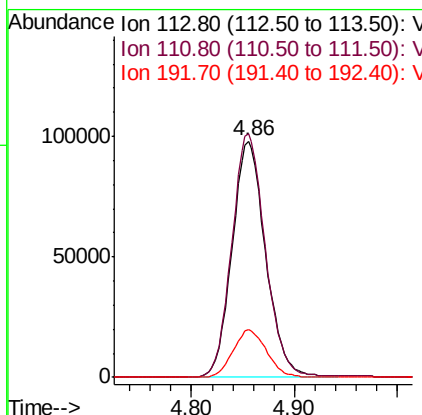
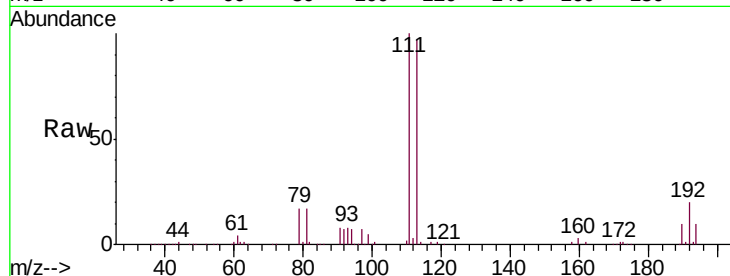




#35
 Dibromofluoromethane
 Concen: 49.836 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

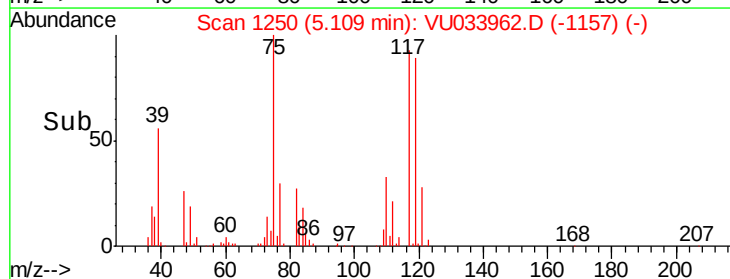
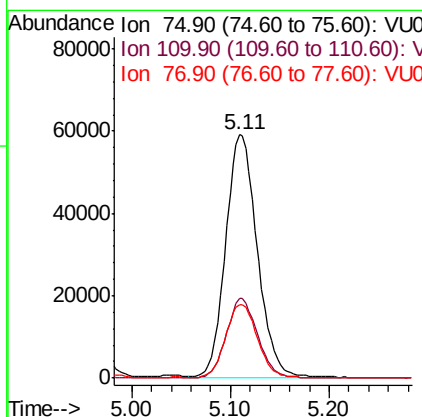
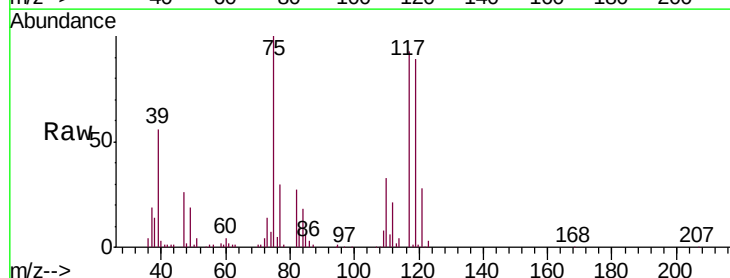
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

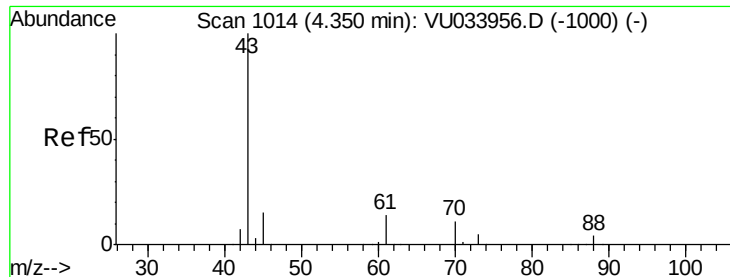
Tgt Ion: 113 Resp: 222549
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 20.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 19.800 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 75 Resp: 131243
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.8 50.4
 77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 20.415 ug/l

RT: 4.35 min Scan# 1015

Delta R.T. 0.00 min

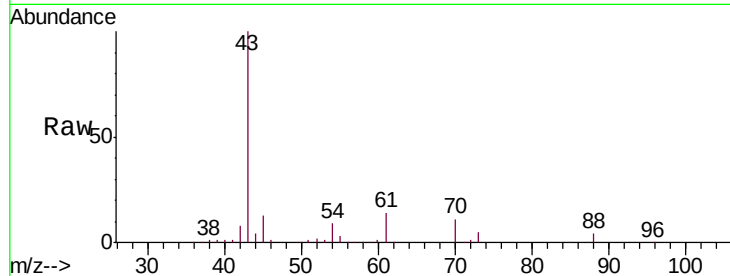
Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

Tgt Ion: 43 Resp: 160192

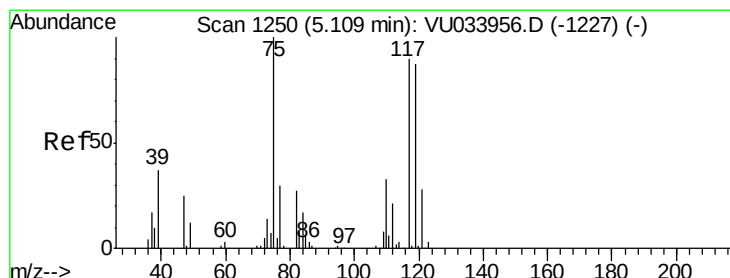
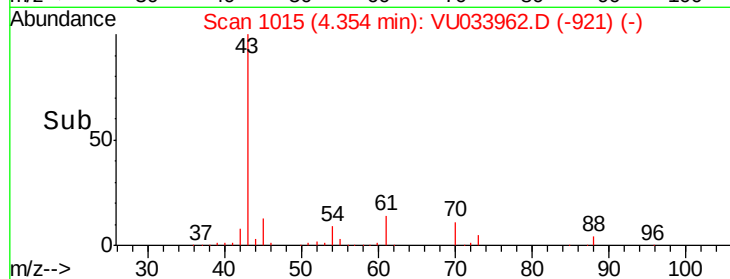
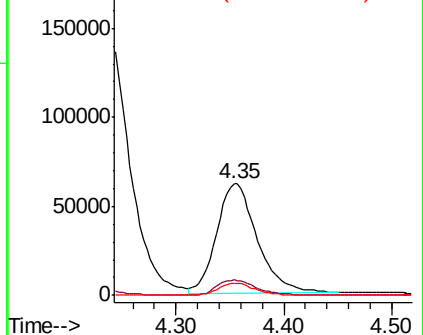
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.6
70	10.4	8.2	12.4



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: 19.197 ug/l

RT: 5.11 min Scan# 1250

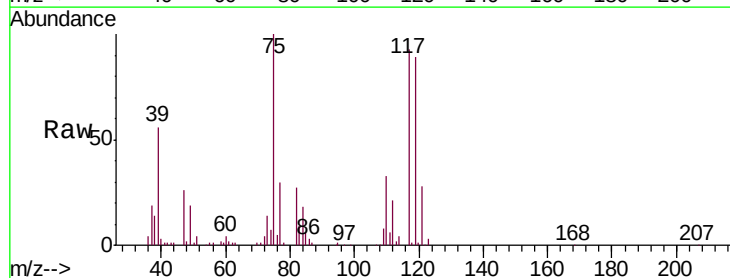
Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Tgt Ion: 117 Resp: 126716

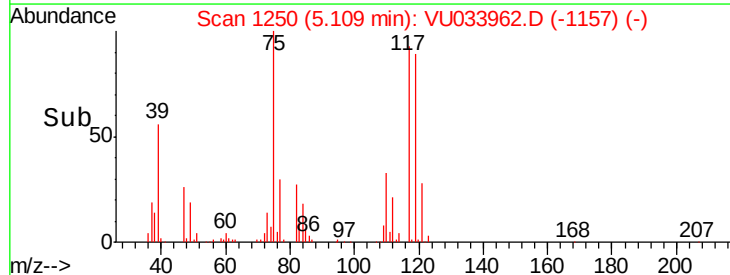
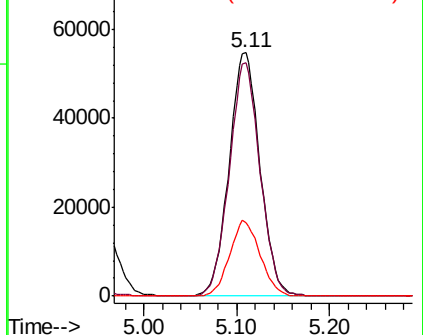
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
121	30.2	24.9	37.3

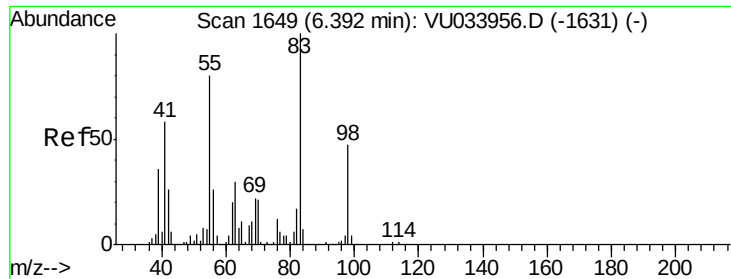


Abundance Ion 116.80 (116.50 to 117.50): VU033956.D (-1227) (-)

Ion 118.80 (118.50 to 119.50): VU033956.D (-1227) (-)

Ion 120.80 (120.50 to 121.50): VU033956.D (-1227) (-)

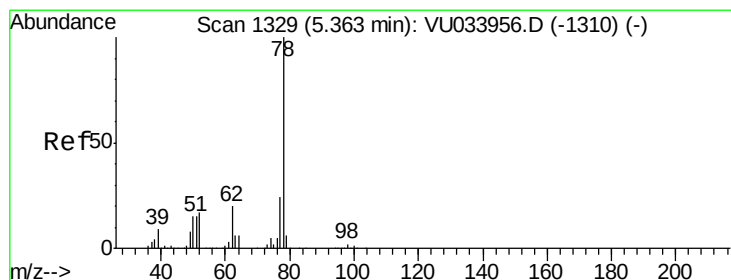
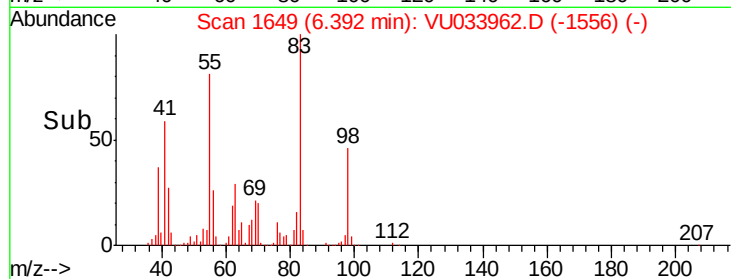
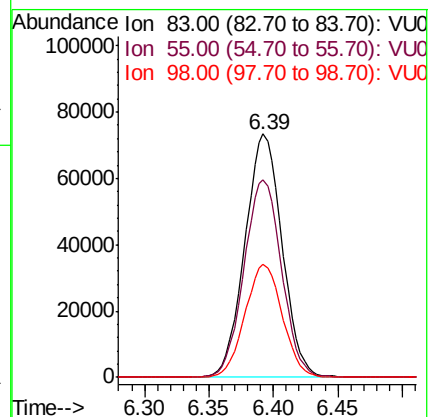
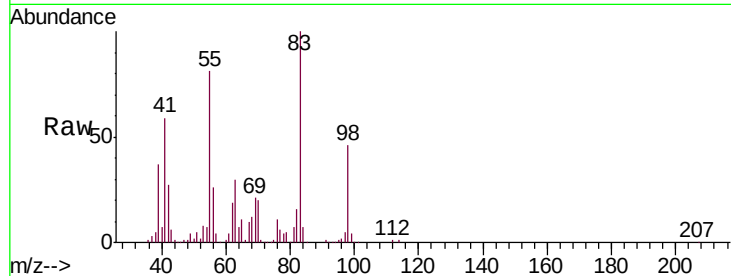




#39
Methylcyclohexane
Concen: 20.069 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

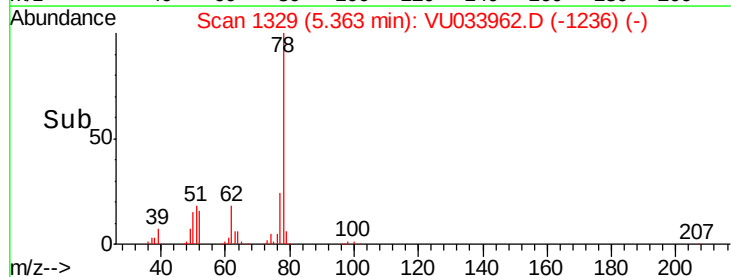
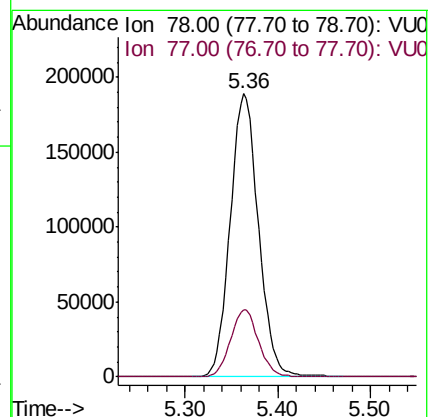
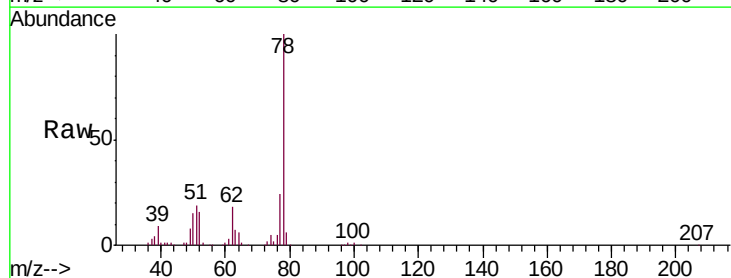
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

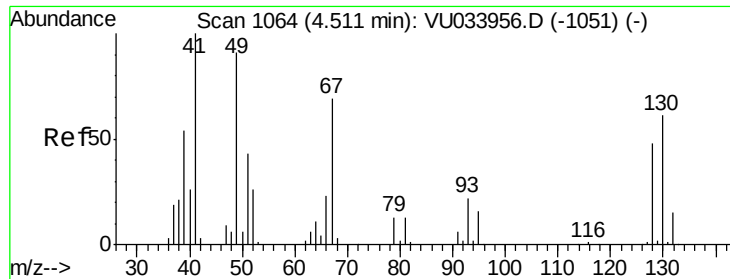
Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.8	95.8
98	46.2	37.7	56.5



#40
Benzene
Concen: 20.301 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 21.427 ug/l

RT: 4.51 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

Tgt Ion: 41 Resp: 84728

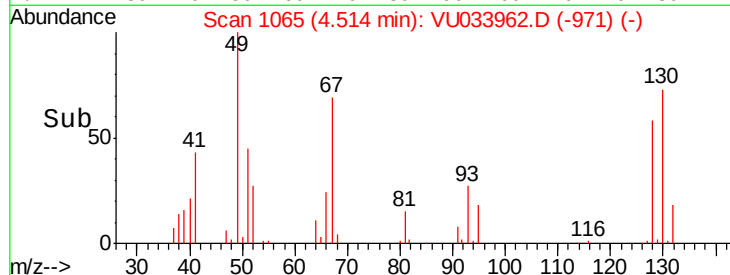
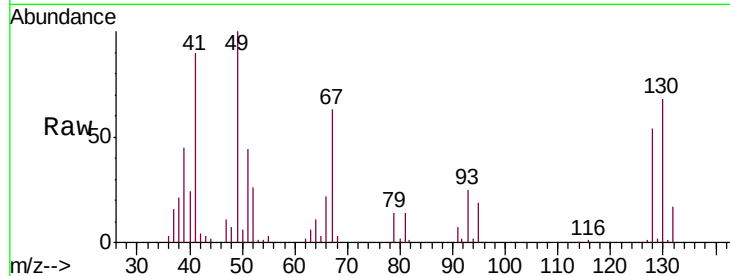
Ion Ratio Lower Upper

41 100

39 53.3 43.3 64.9

67 73.9 57.5 86.3

52 28.9 22.6 34.0

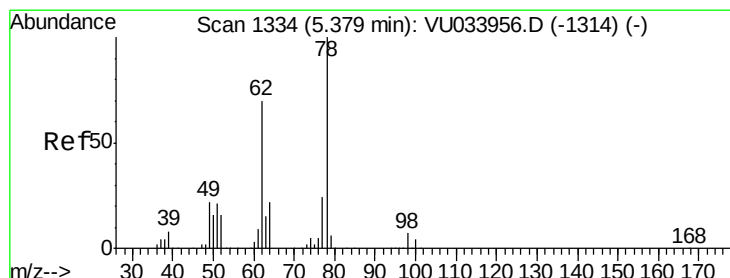
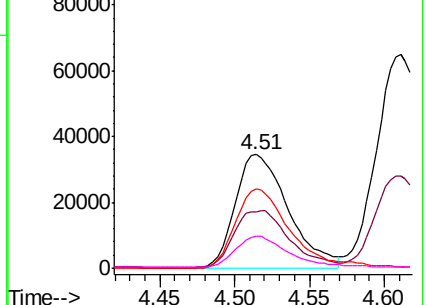


Abundance Ion 41.00 (40.70 to 41.70): VU033962.D (-971) (-)

Ion 39.00 (38.70 to 39.70): VU033962.D (-971) (-)

Ion 67.00 (66.70 to 67.70): VU033962.D (-971) (-)

Ion 52.00 (51.70 to 52.70): VU033962.D (-971) (-)



#42

1,2-Dichloroethane

Concen: 20.057 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033962.D

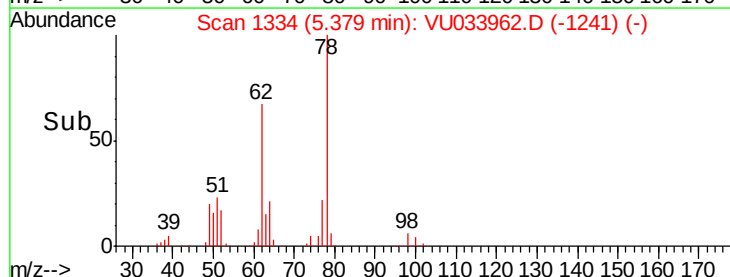
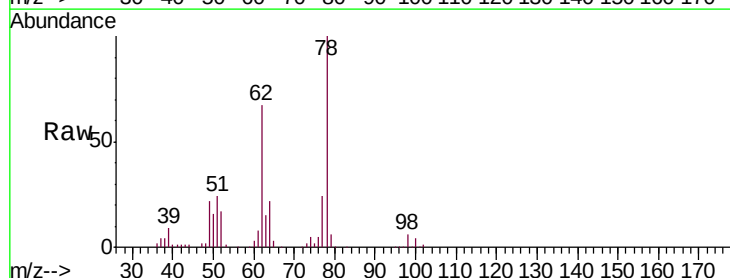
Acq: 26 Aug 2019 20:59

Tgt Ion: 62 Resp: 145886

Ion Ratio Lower Upper

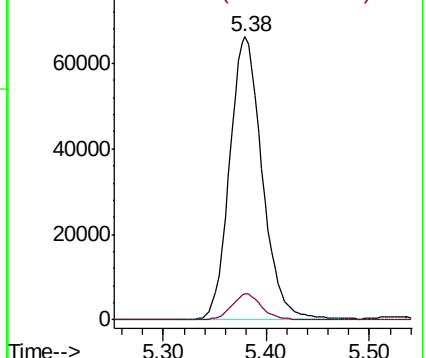
62 100

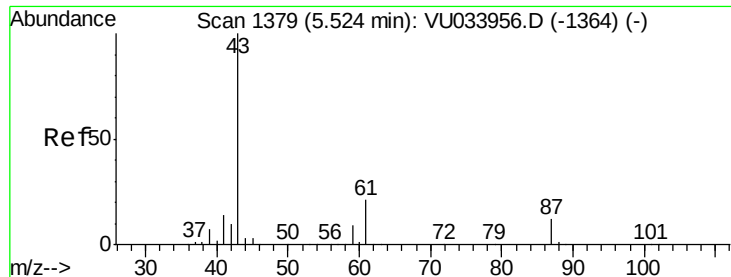
98 8.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU033962.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VU033962.D (-1241) (-)





#43

Isopropyl Acetate

Concen: 20.999 ug/l

RT: 5.52 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

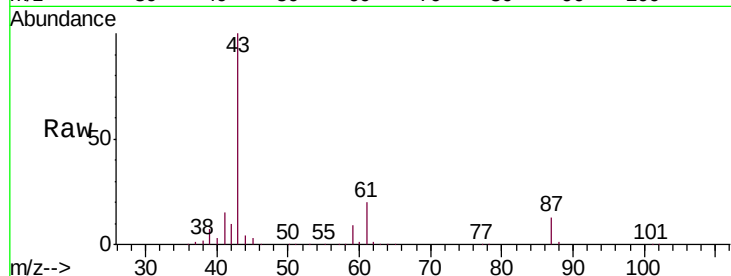
Tgt Ion: 43 Resp: 241680

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

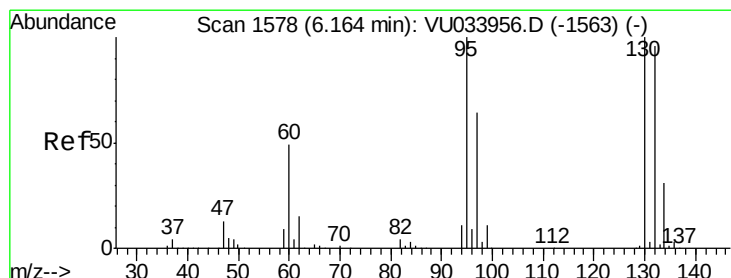
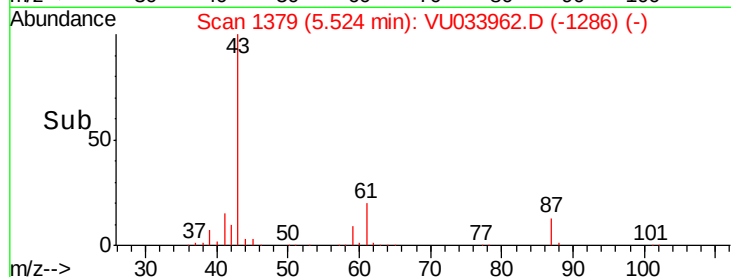
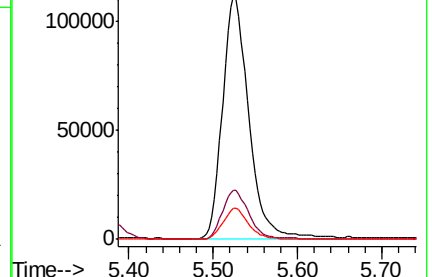
87 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1364) (-)

Ion 61.00 (60.70 to 61.70): VU033956.D (-1364) (-)

Ion 87.00 (86.70 to 87.70): VU033956.D (-1364) (-)



#44

Trichloroethene

Concen: 19.180 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033962.D

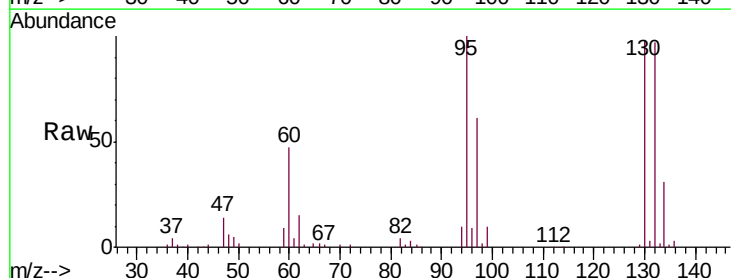
Acq: 26 Aug 2019 20:59

Tgt Ion: 130 Resp: 97786

Ion Ratio Lower Upper

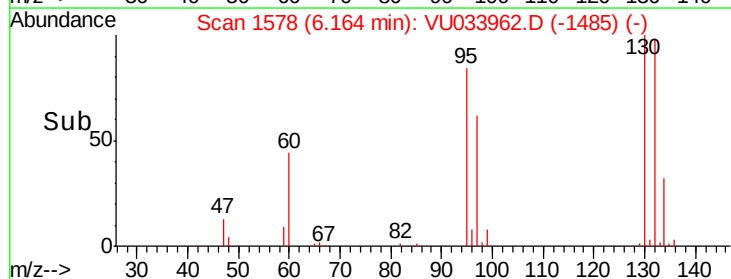
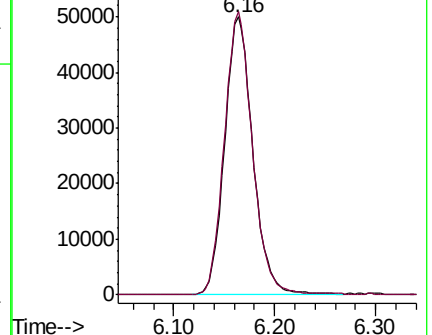
130 100

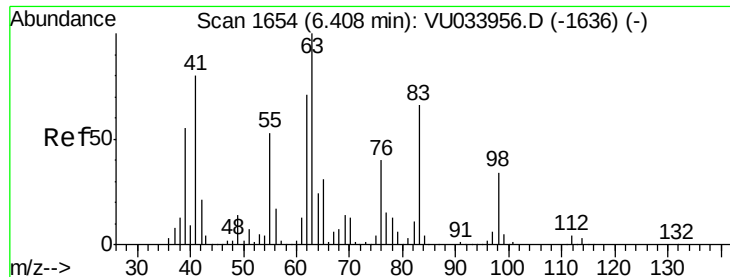
95 101.7 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VU033956.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033956.D (-1563) (-)

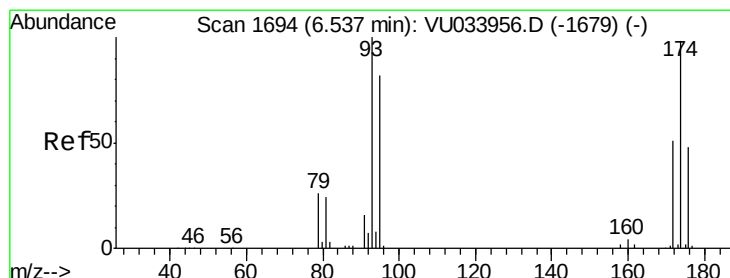
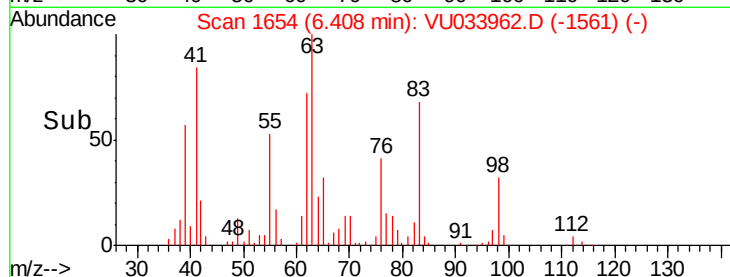
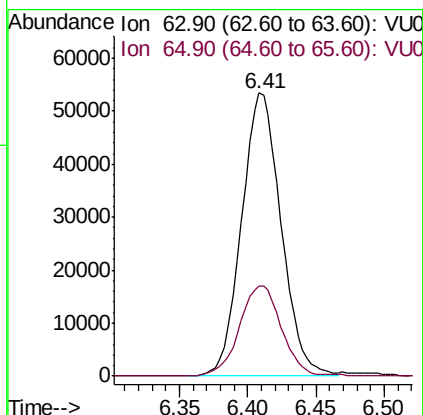
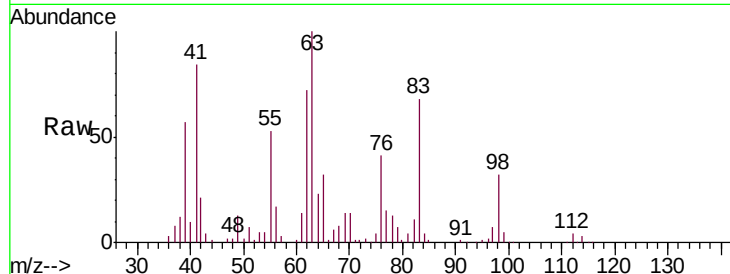




#45
 1,2-Dichloropropane
 Concen: 19.731 ug/l
 RT: 6.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

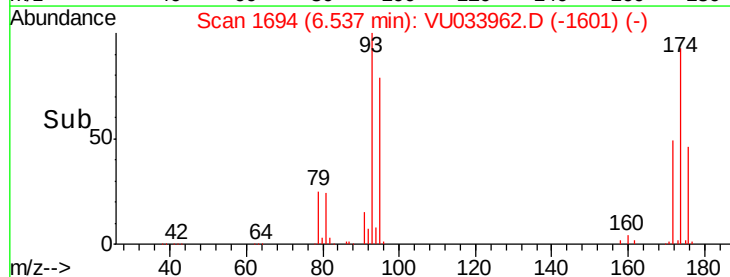
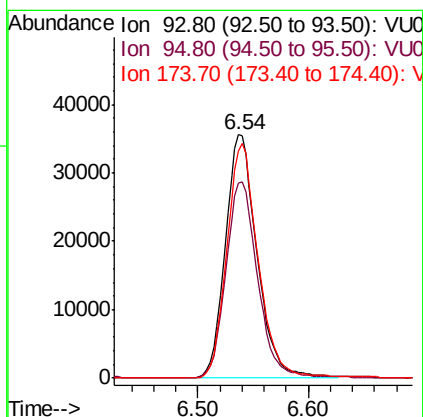
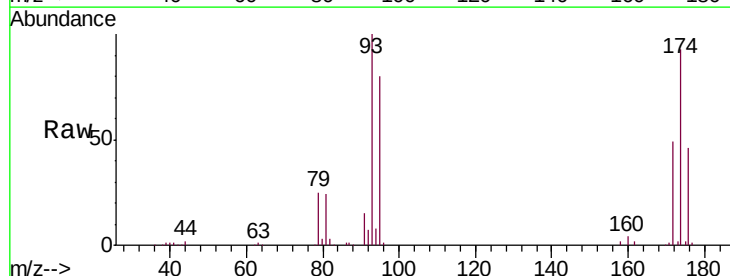
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

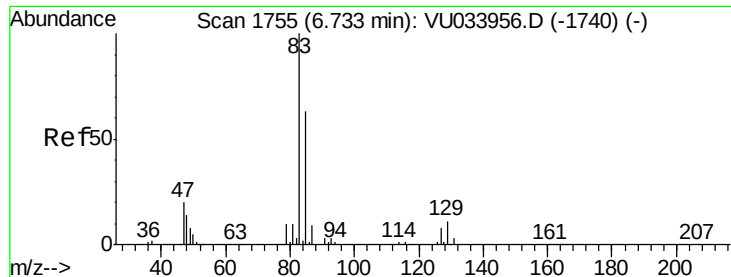
Tgt Ion: 63 Resp: 107603
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4



#46
 Dibromomethane
 Concen: 20.194 ug/l
 RT: 6.54 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 93 Resp: 70774
 Ion Ratio Lower Upper
 93 100
 95 80.8 67.3 100.9
 174 95.5 79.7 119.5

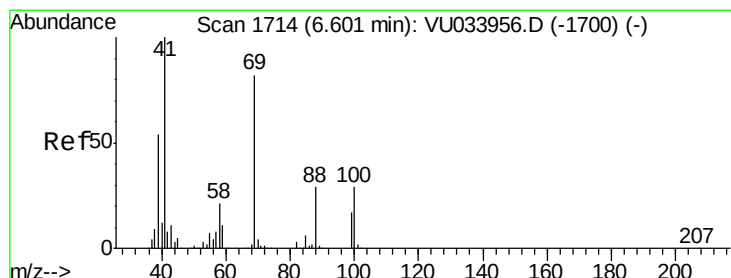
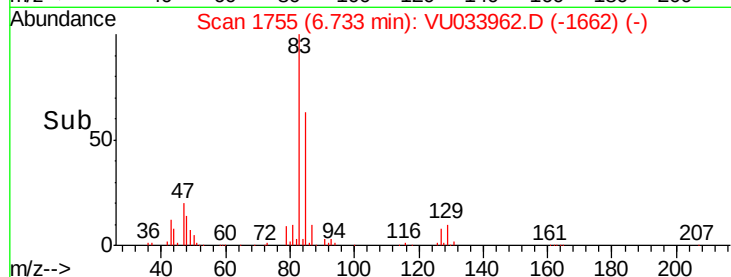
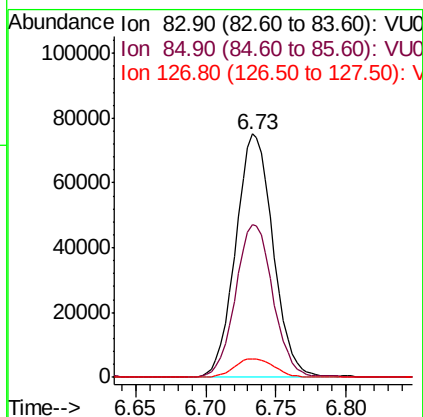
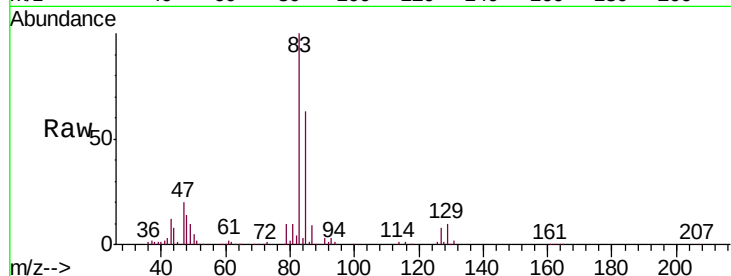




#47
Bromodichloromethane
Concen: 19.687 ug/l
RT: 6.73 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

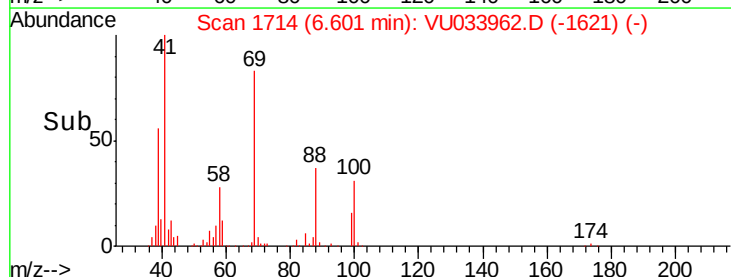
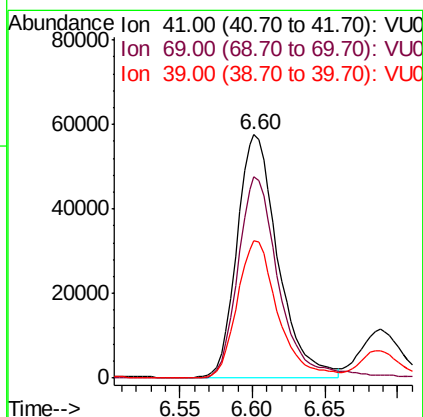
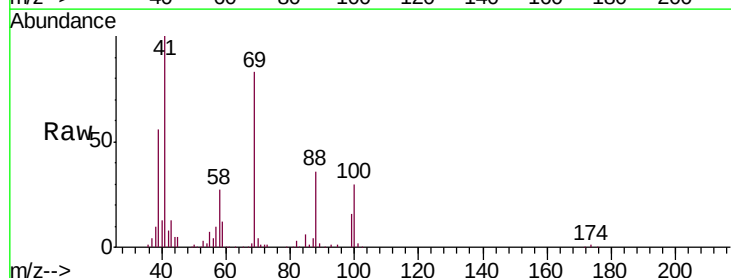
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

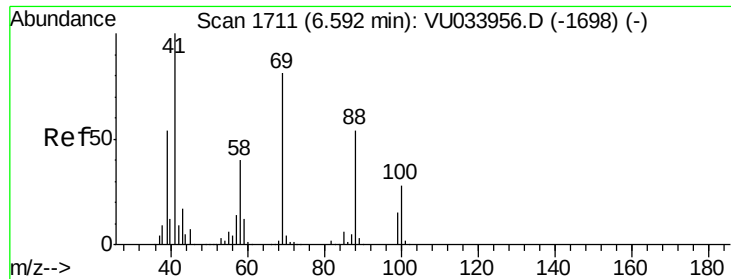
Tgt Ion: 83 Resp: 139522
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 7.7 6.6 9.8



#48
Methyl methacrylate
Concen: 20.097 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 41 Resp: 111880
Ion Ratio Lower Upper
41 100
69 84.1 66.9 100.3
39 56.9 43.3 64.9

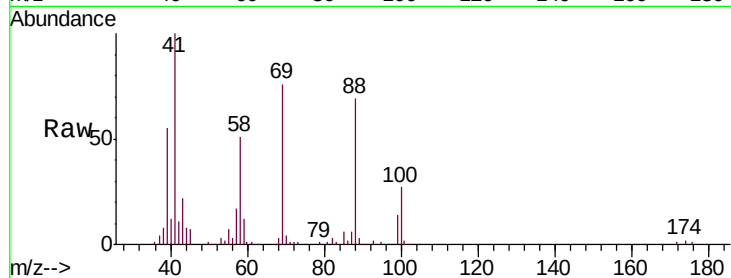




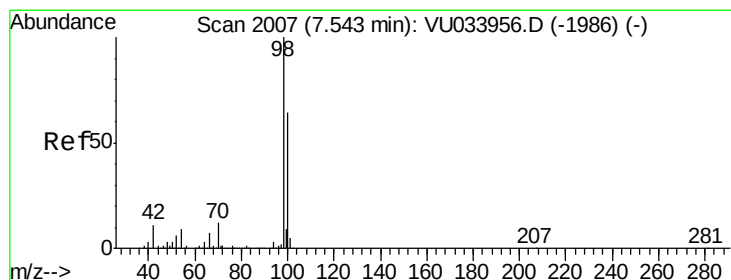
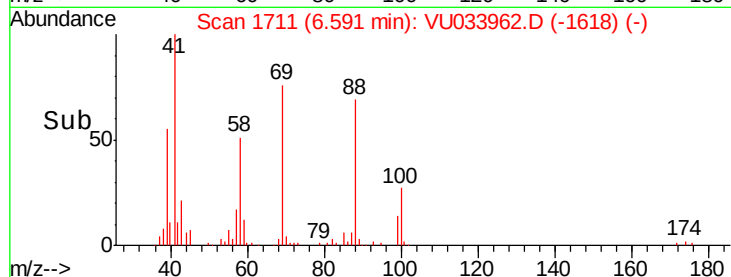
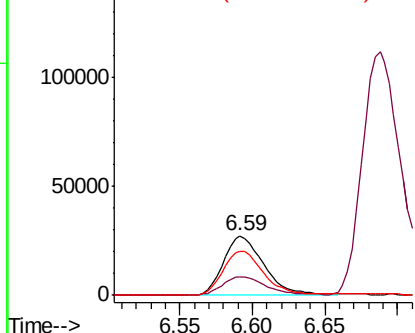
#49
 1,4-Dioxane
 Concen: 452.542 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

Tgt Ion: 88 Resp: 52864
 Ion Ratio Lower Upper
 88 100
 43 33.3 27.2 40.8
 58 73.8 59.3 88.9

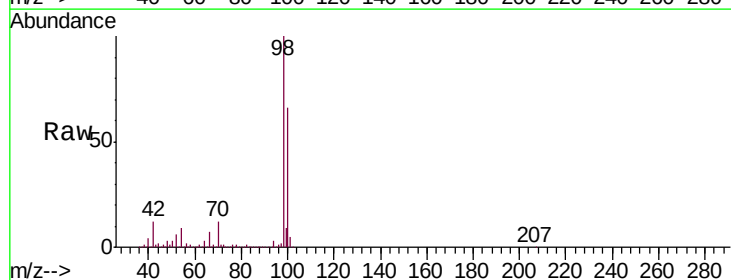


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

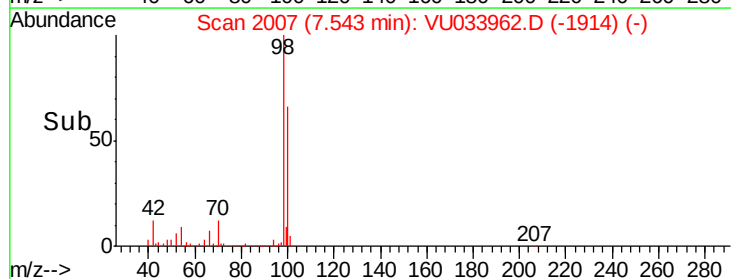
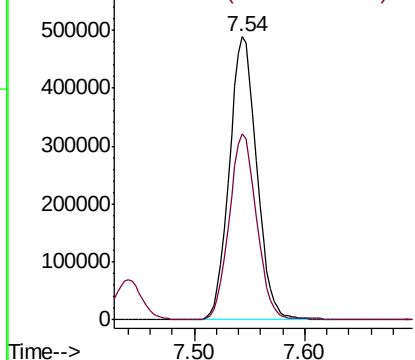


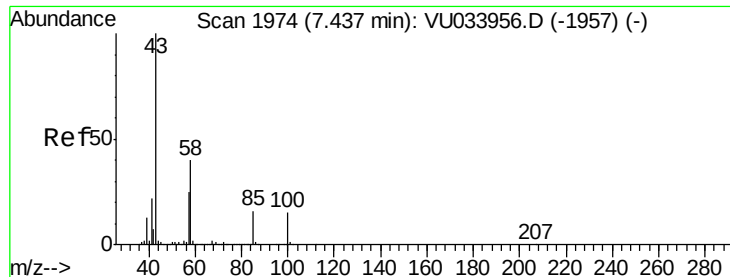
#50
 Toluene-d8
 Concen: 51.142 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 98 Resp: 844765
 Ion Ratio Lower Upper
 98 100
 100 65.5 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: 104.430 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

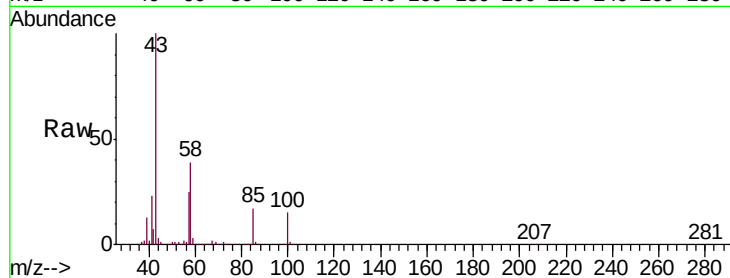
VU0827WBSD01

Tgt Ion: 43 Resp: 815976

Ion Ratio Lower Upper

43 100

58 39.0 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1957) (-)

Ion 58.00 (57.70 to 58.70): VU033956.D (-1957) (-)

7.44

500000

400000

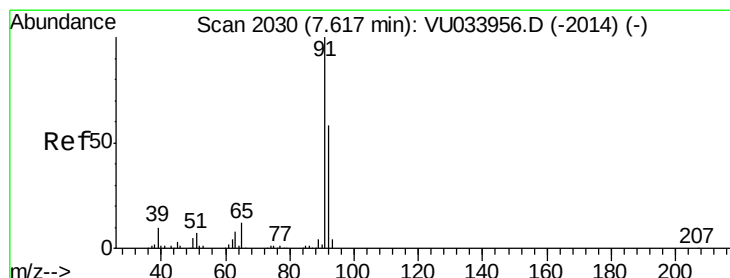
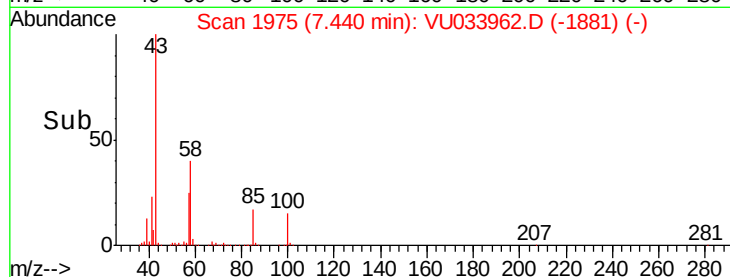
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.876 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033962.D

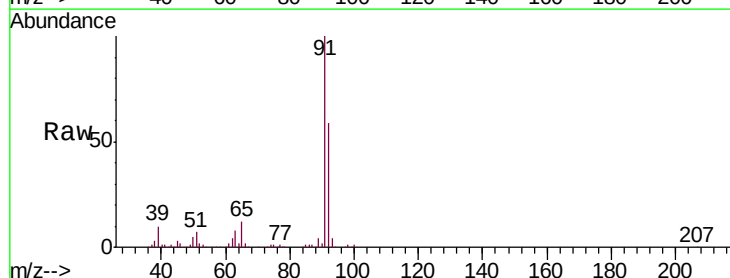
Acq: 26 Aug 2019 20:59

Tgt Ion: 92 Resp: 238816

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VU033956.D (-2014) (-)

Ion 91.00 (90.70 to 91.70): VU033956.D (-2014) (-)

7.62

250000

200000

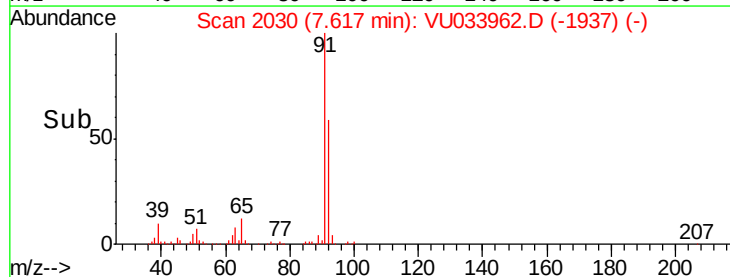
150000

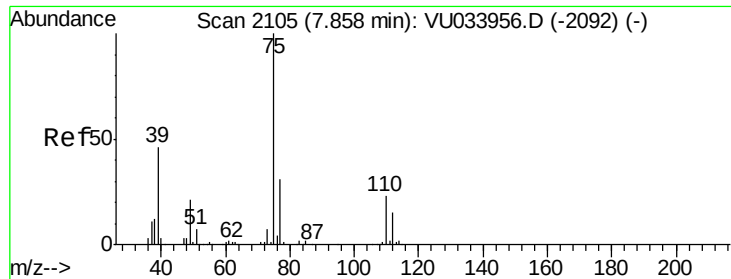
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.217 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

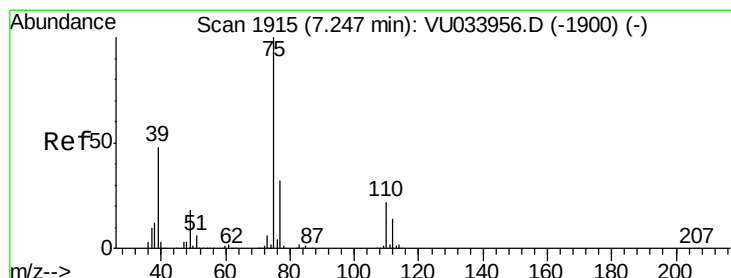
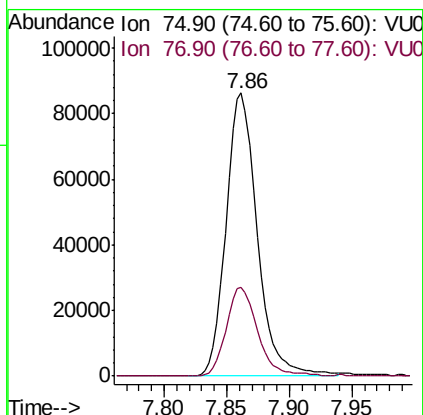
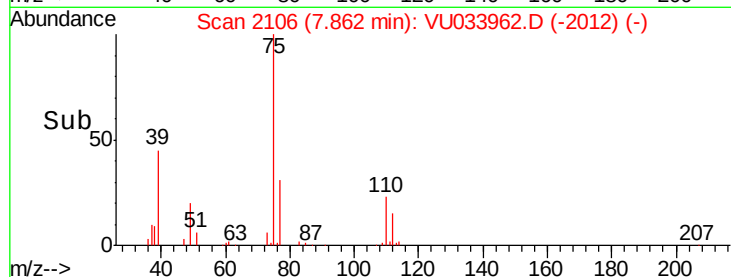
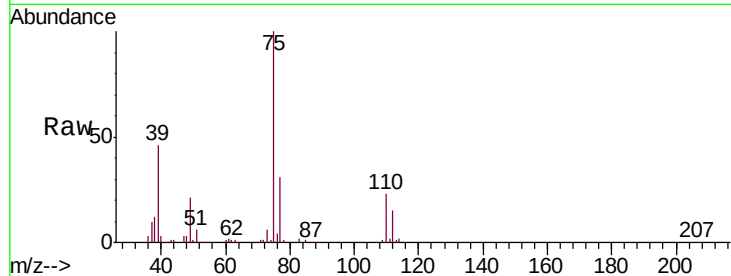
VU0827WBSD01

Tgt Ion: 75 Resp: 149231

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.472 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

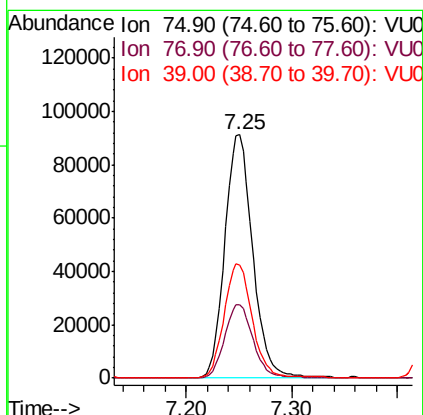
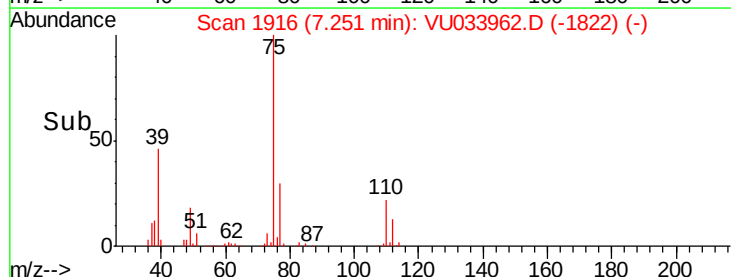
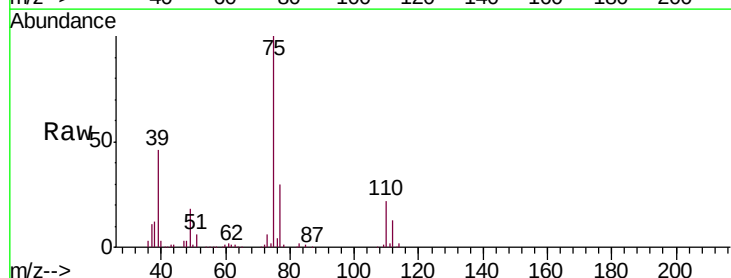
Tgt Ion: 75 Resp: 167489

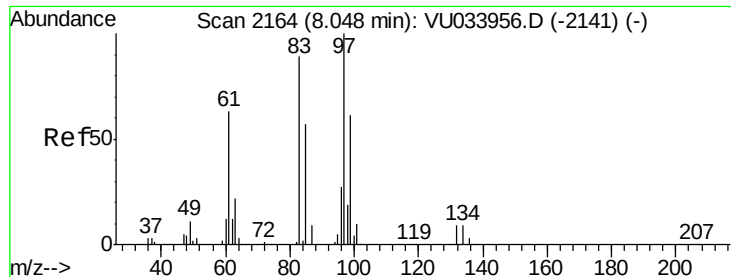
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 46.2 38.3 57.5

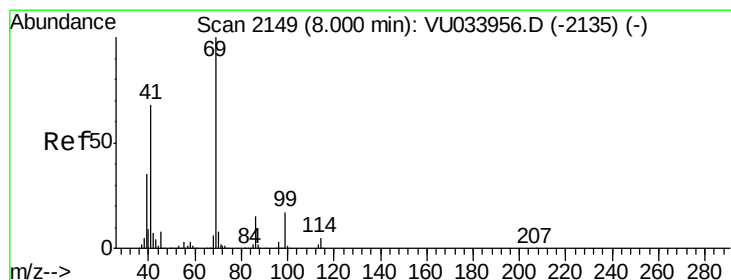
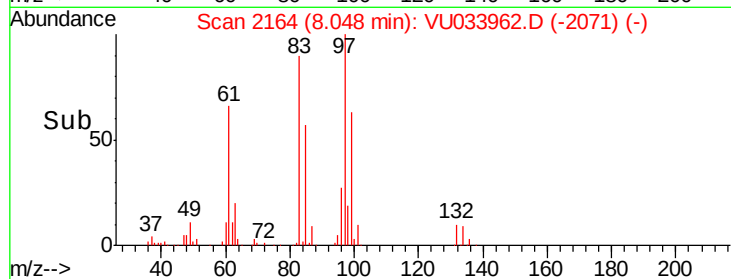
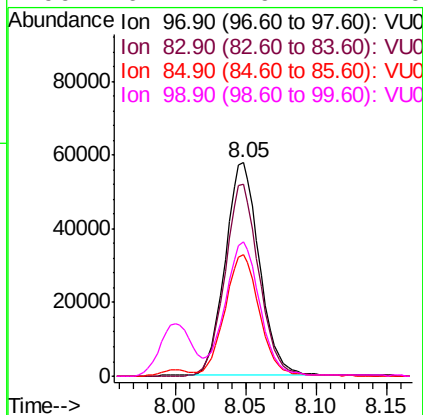
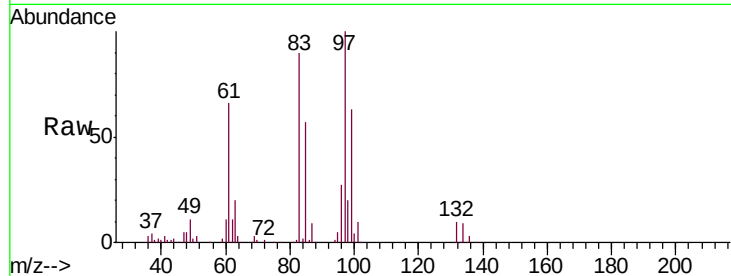




#55
 1,1,2-Trichloroethane
 Concen: 19.322 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

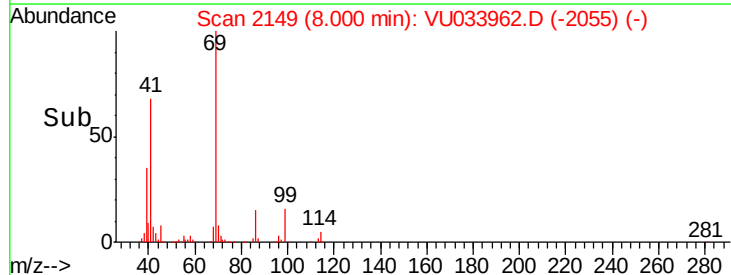
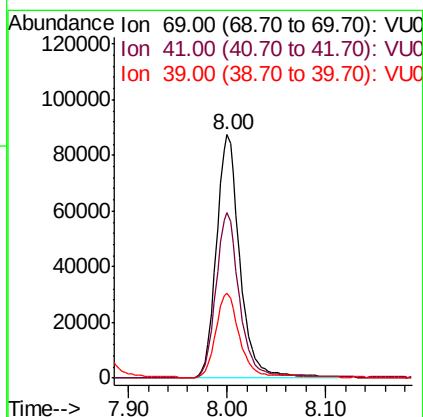
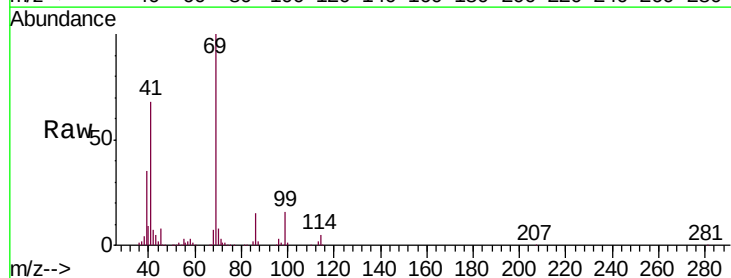
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

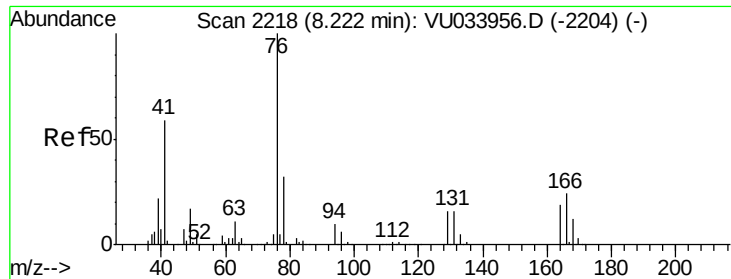
Tgt Ion:	97	Resp:	97486
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.0	106.4
85	56.7	45.5	68.3
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.120 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion:	69	Resp:	146726
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.1	81.1
39	34.2	28.1	42.1

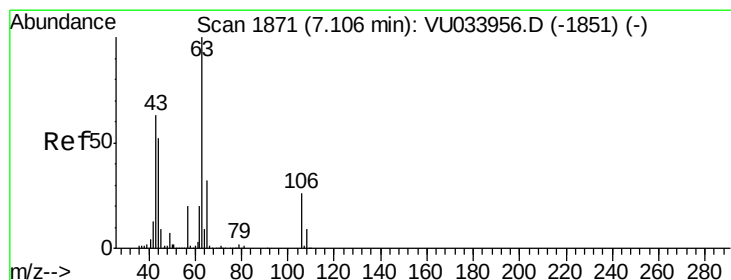
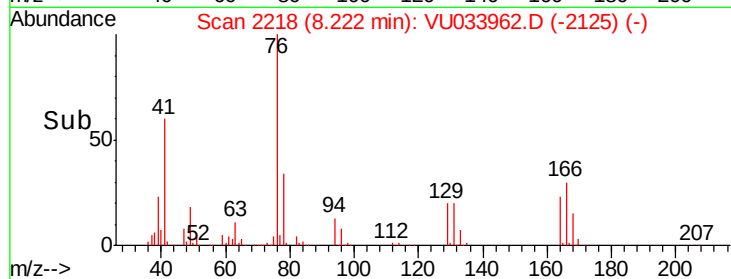
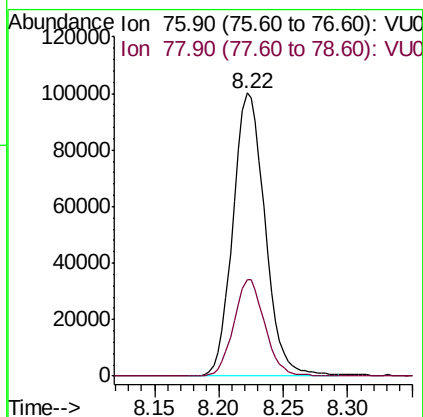
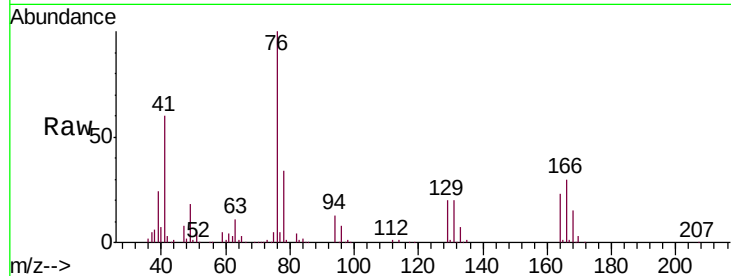




#57
 1,3-Dichloropropane
 Concen: 19.785 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

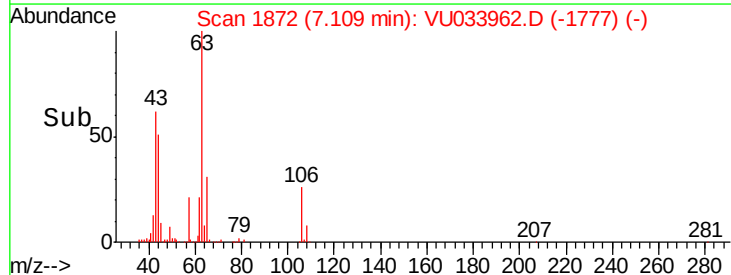
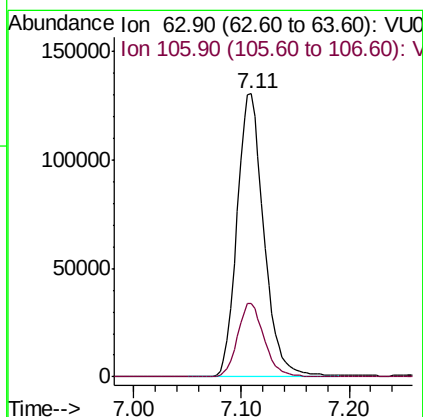
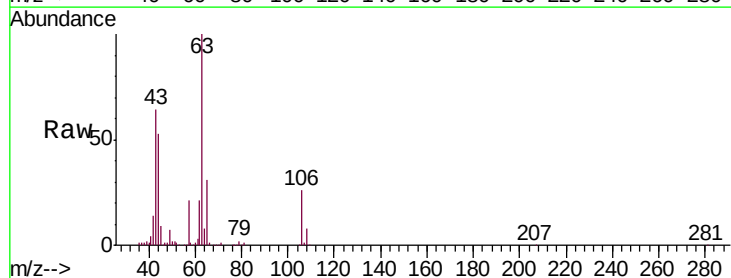
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

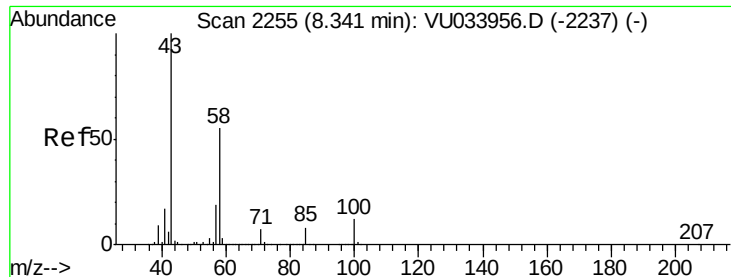
Tgt Ion: 76 Resp: 173373
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.381 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 63 Resp: 227488
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.8 31.2

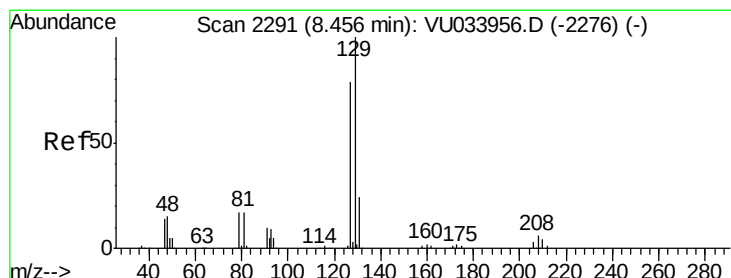
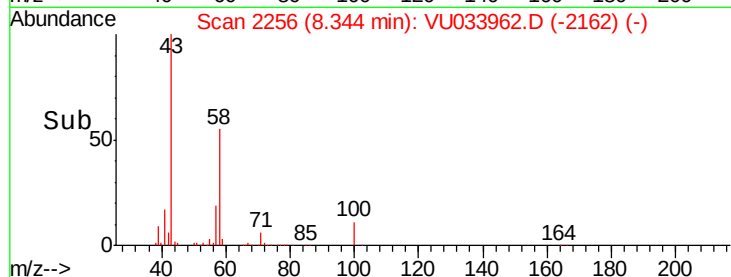
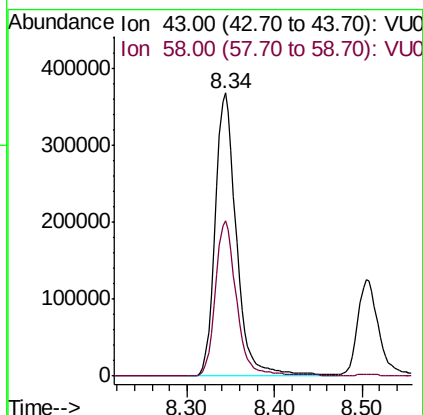
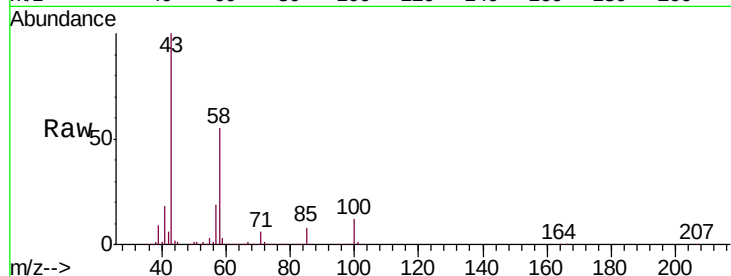




#59
2-Hexanone
Concen: 104.635 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

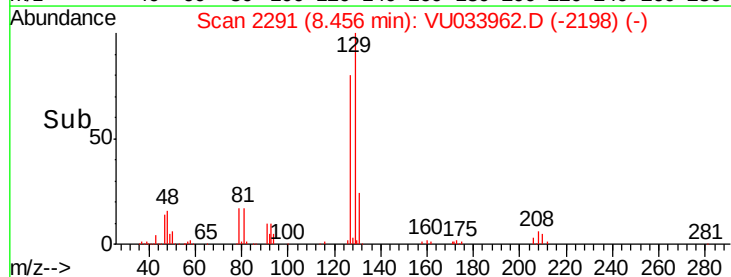
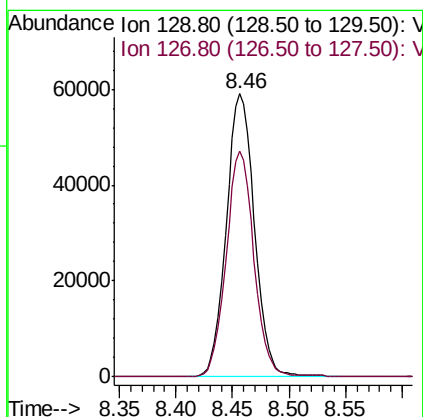
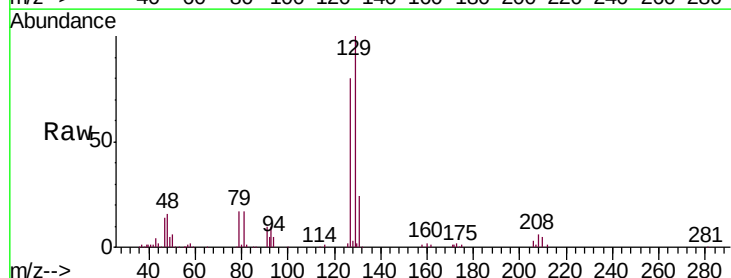
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

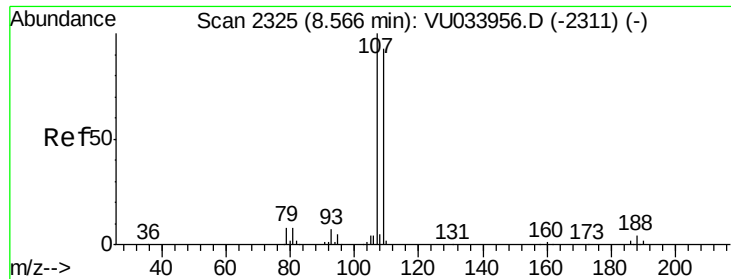
Tgt Ion: 43 Resp: 623364
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.9



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 129 Resp: 102647
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.080 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

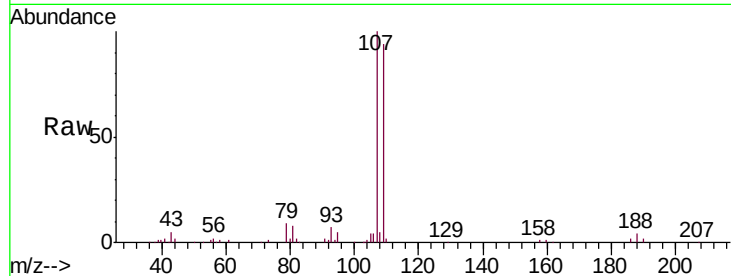
VU0827WBSD01

Tgt Ion: 107 Resp: 105039

Ion Ratio Lower Upper

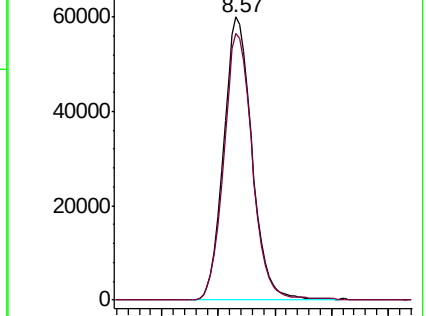
107 100

109 94.7 74.7 112.1

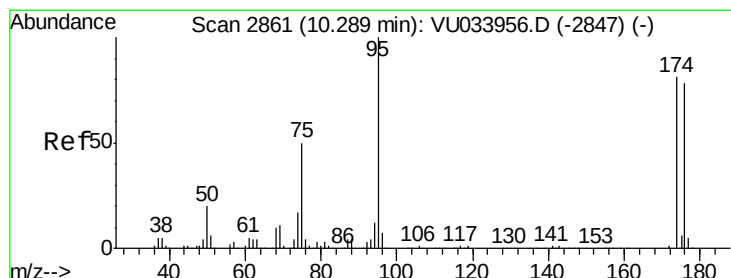
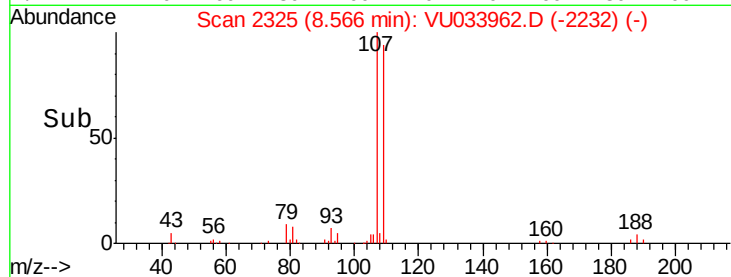


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.011 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

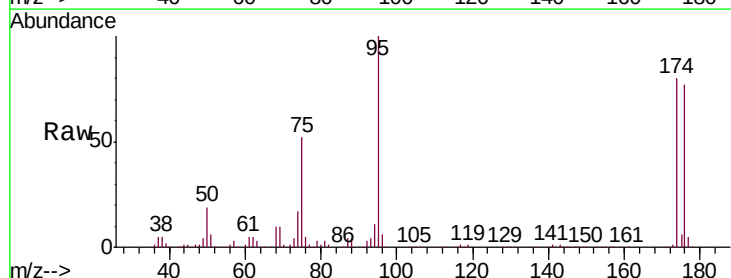
Tgt Ion: 95 Resp: 305712

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.4

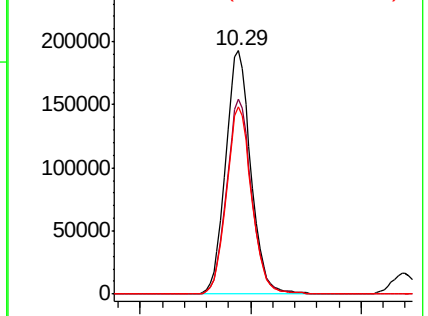
176 77.0 0.0 154.2



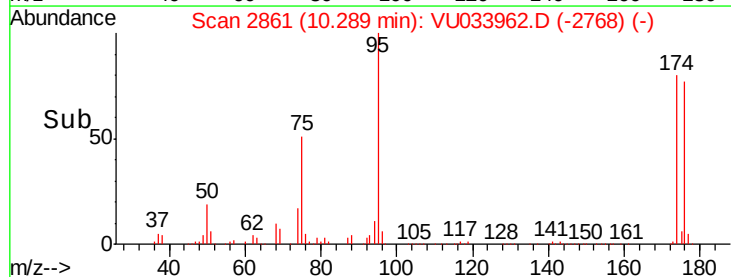
Abundance Ion 94.90 (94.60 to 95.60): VU0

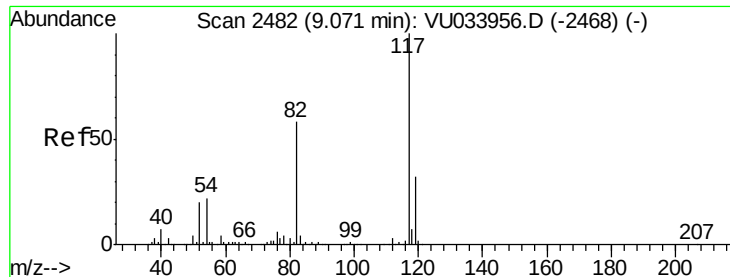
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

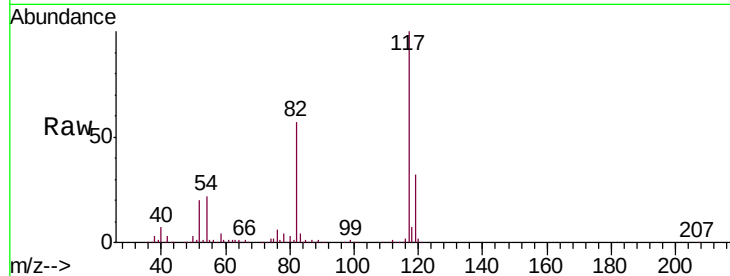




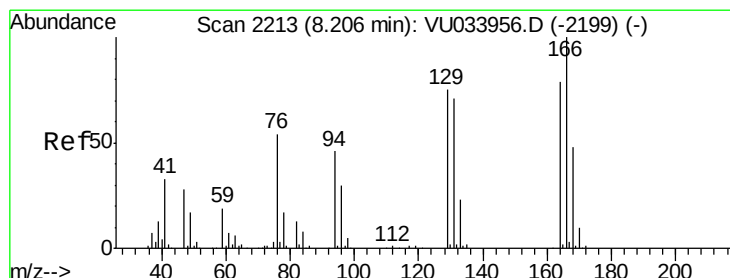
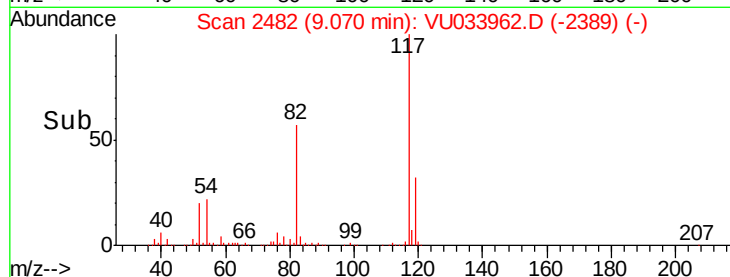
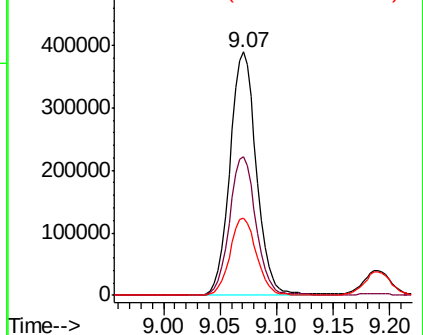
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

Tgt Ion:117 Resp: 634847
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 31.9 25.3 37.9

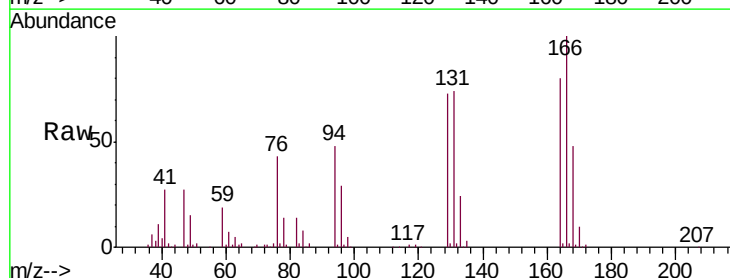


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

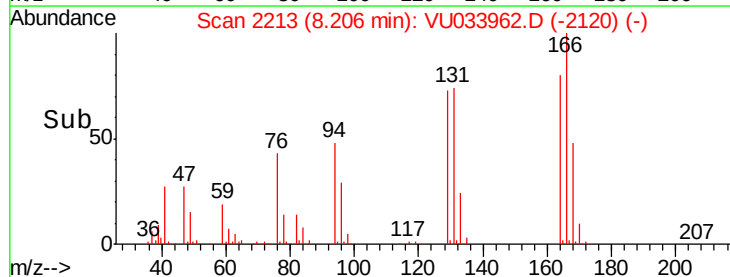
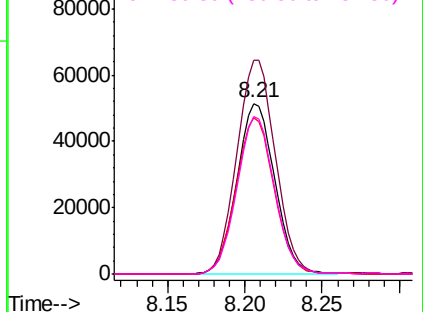


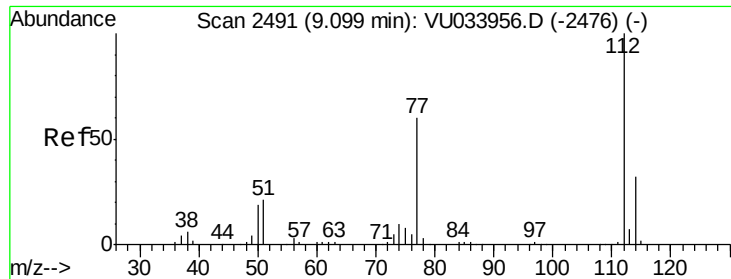
#64
Tetrachloroethene
Concen: 19.286 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion:164 Resp: 87788
Ion Ratio Lower Upper
164 100
166 125.1 101.4 152.2
129 91.4 76.6 114.8
131 92.1 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

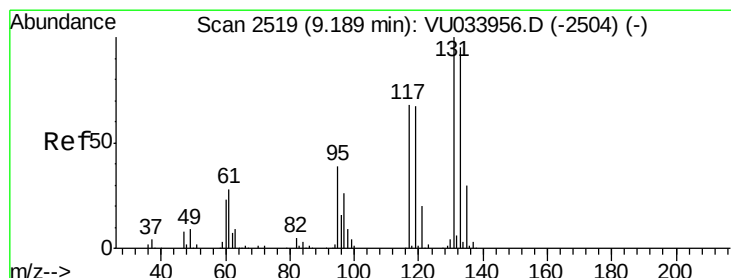
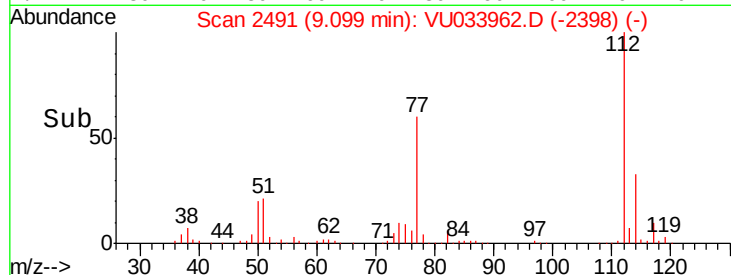
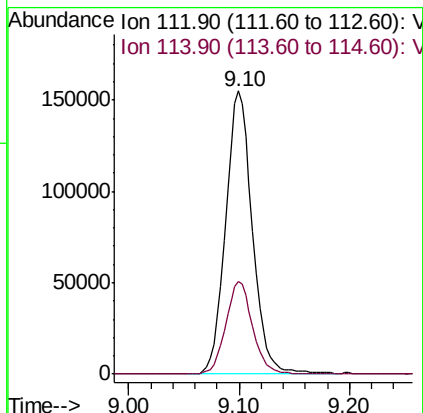
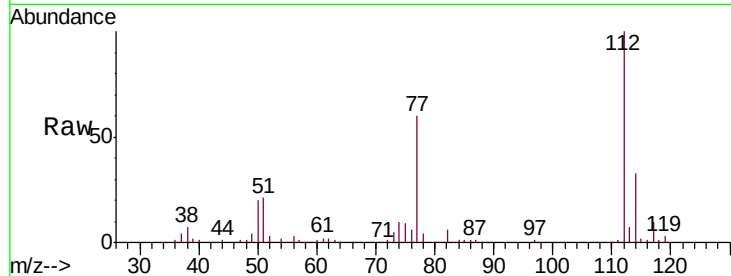




#65
Chlorobenzene
Concen: 19.886 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

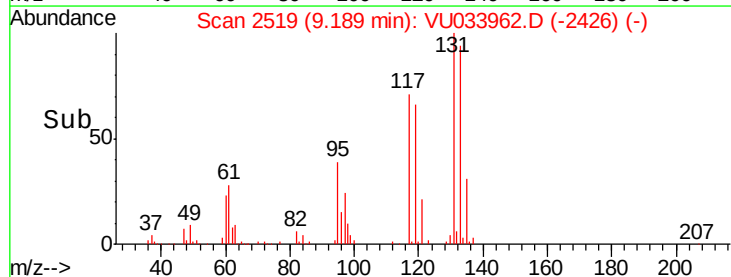
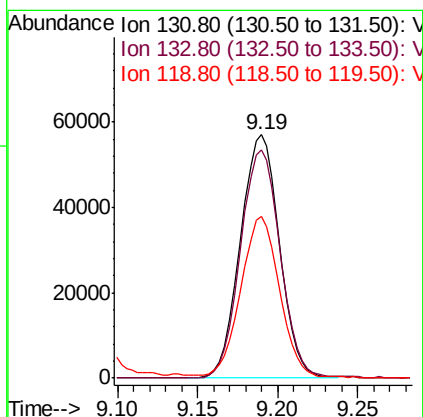
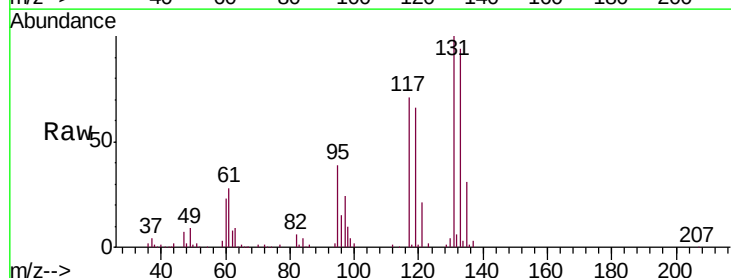
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

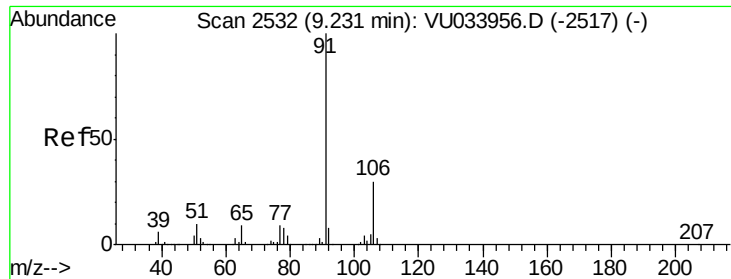
Tgt Ion:112 Resp: 260207
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.698 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion:131 Resp: 95357
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.0 33.3 99.8





#67

Ethyl Benzene

Concen: 20.812 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

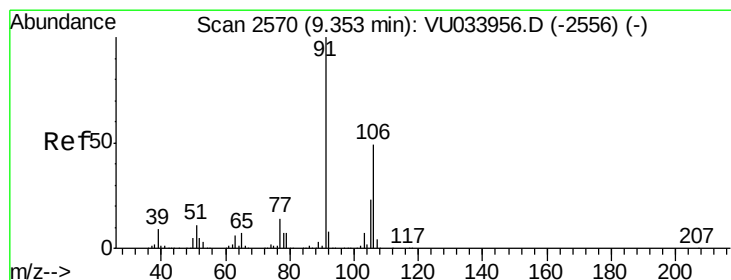
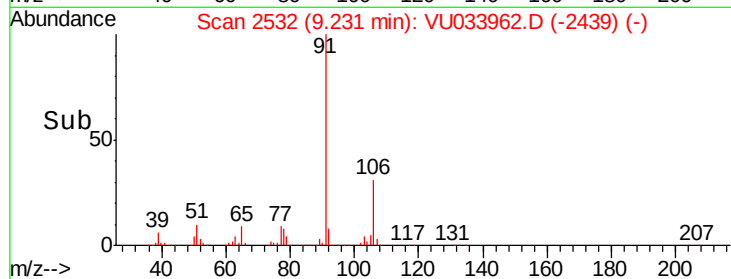
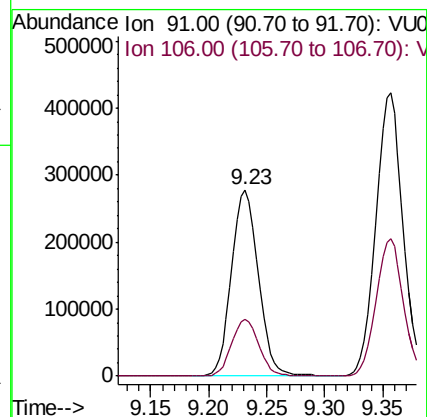
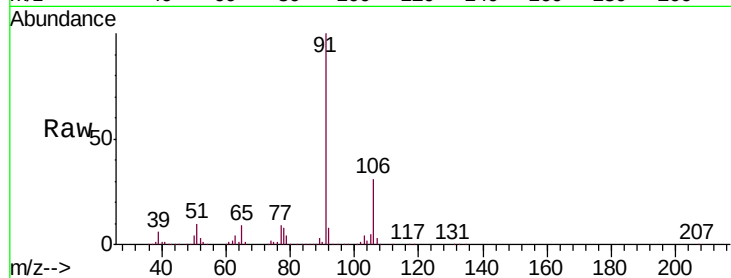
VU0827WBSD01

Tgt Ion: 91 Resp: 447685

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 42.770 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033962.D

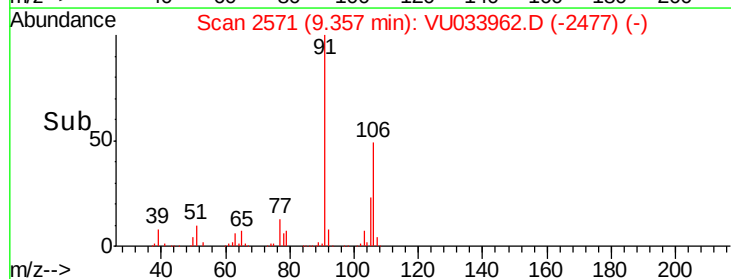
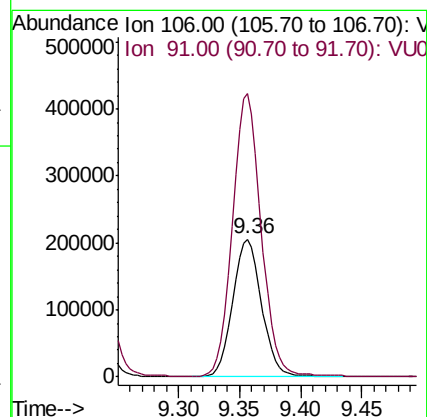
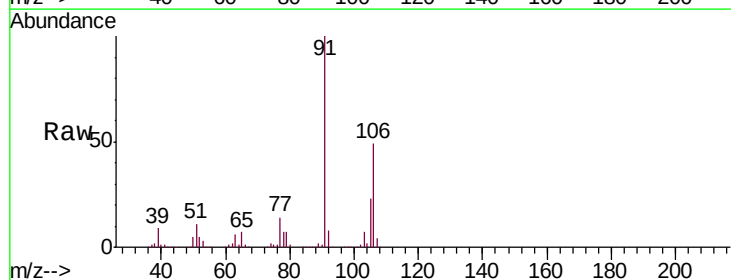
Acq: 26 Aug 2019 20:59

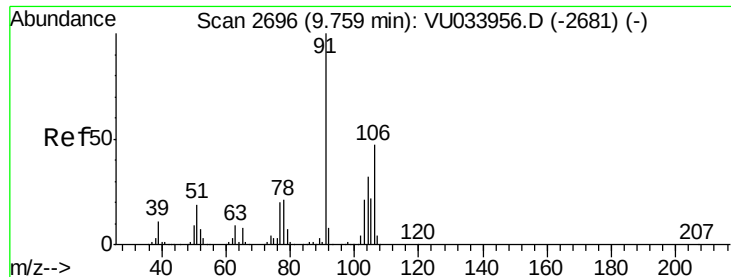
Tgt Ion: 106 Resp: 338806

Ion Ratio Lower Upper

106 100

91 205.6 163.8 245.6

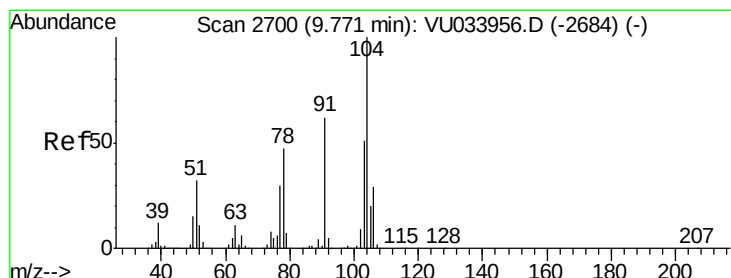
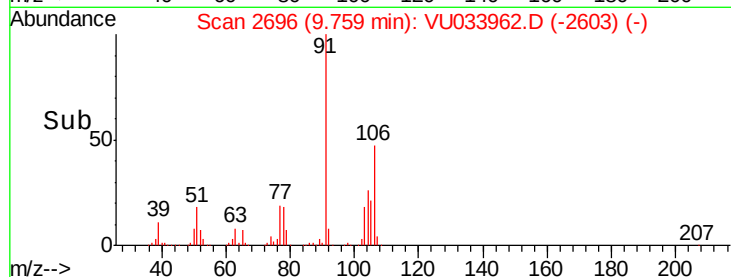
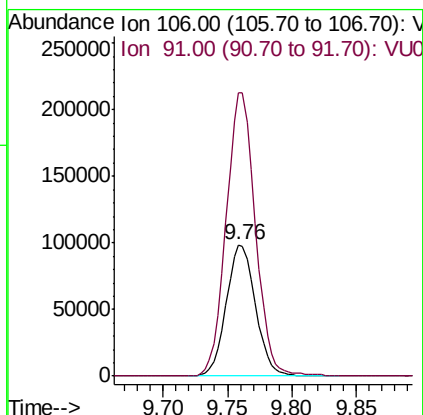
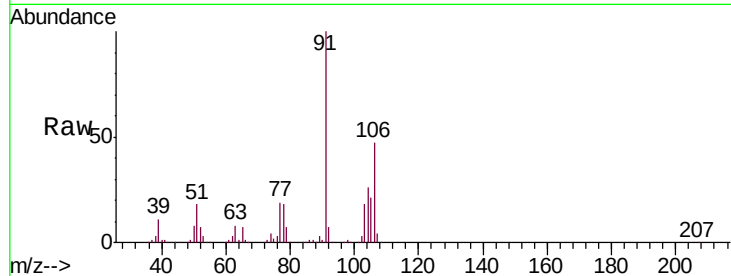




#69
o-Xylene
Concen: 20.542 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

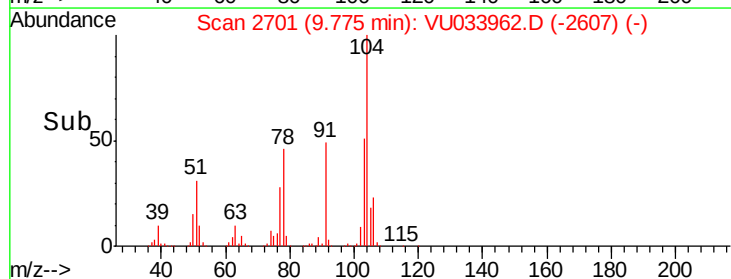
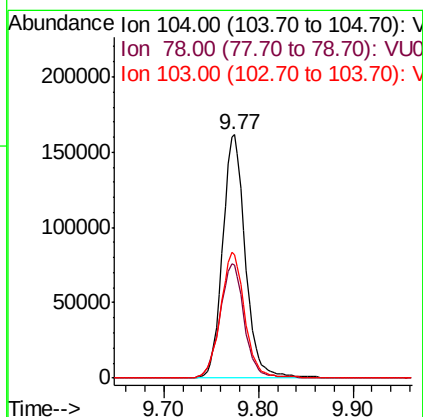
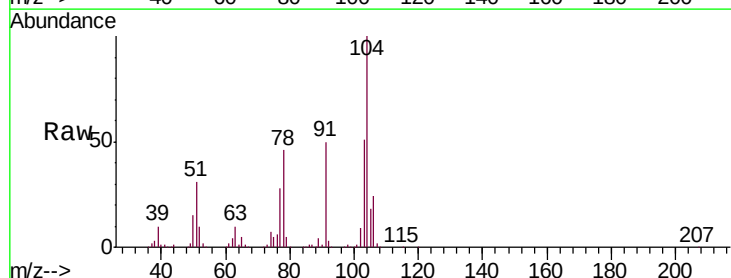
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

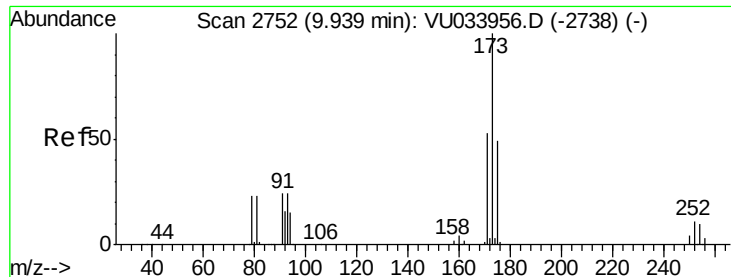
Tgt Ion:106 Resp: 155549
Ion Ratio Lower Upper
106 100
91 216.1 106.9 320.7



#70
Styrene
Concen: 20.621 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion:104 Resp: 270478
Ion Ratio Lower Upper
104 100
78 50.3 40.4 60.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 19.408 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

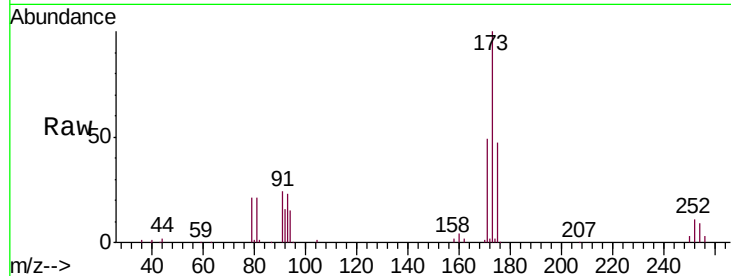
Tgt Ion:173 Resp: 79105

Ion Ratio Lower Upper

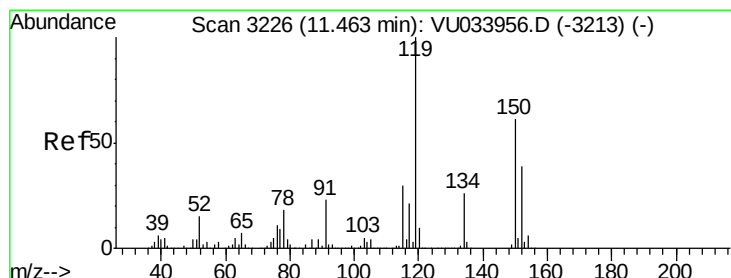
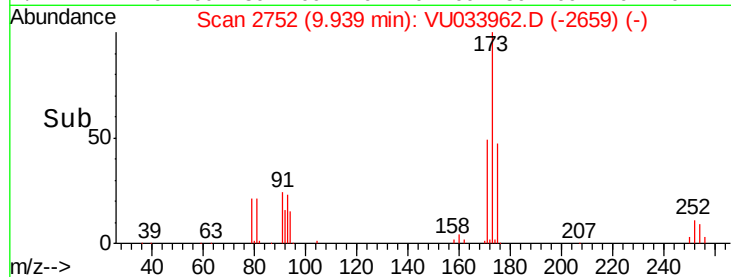
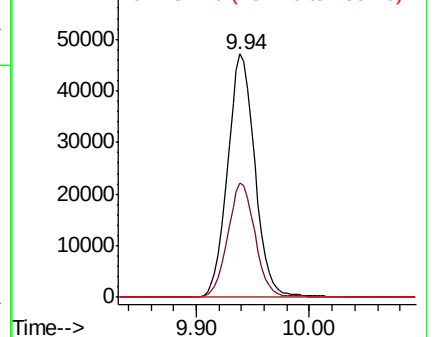
173 100

175 46.8 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: VU033962.D

Acq: 26 Aug 2019 20:59

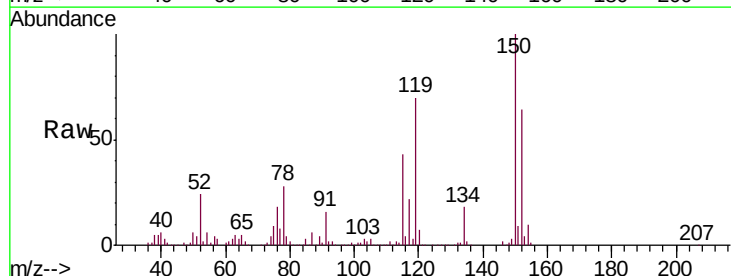
Tgt Ion:152 Resp: 307144

Ion Ratio Lower Upper

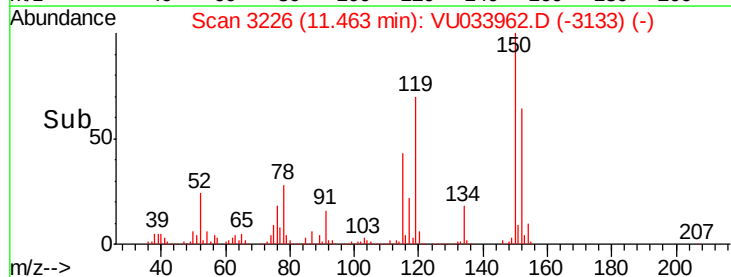
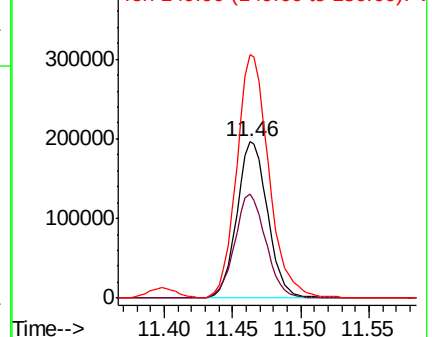
152 100

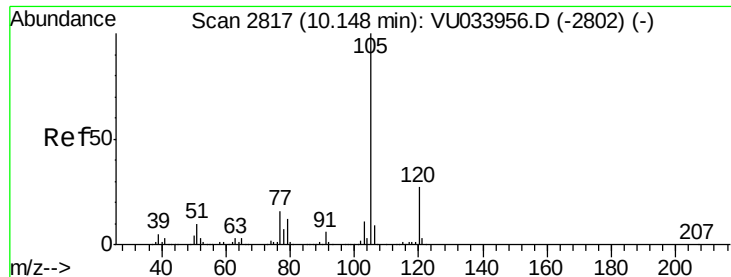
115 67.1 40.3 120.9

150 162.8 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: 22.468 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

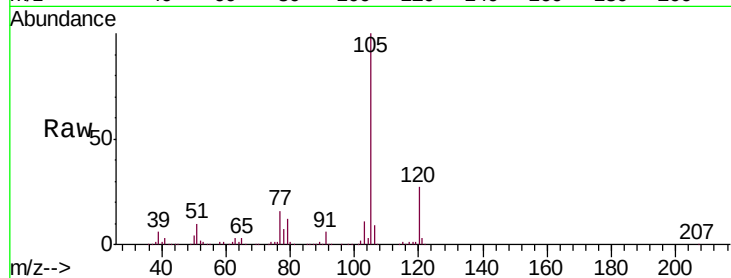
VU0827WBSD01

Tgt Ion: 105 Resp: 426513

Ion Ratio Lower Upper

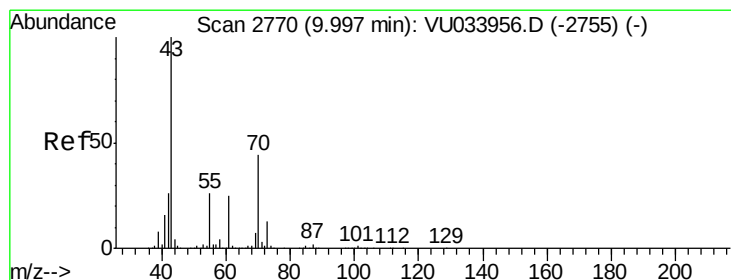
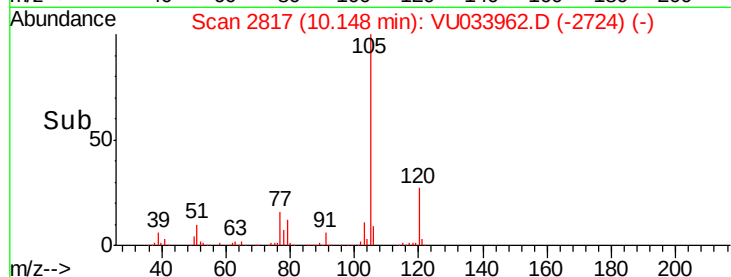
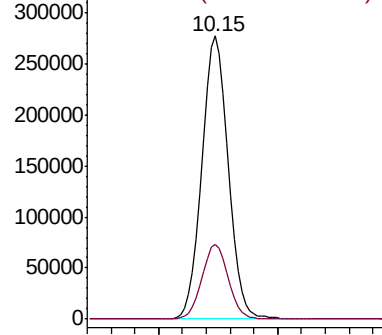
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.012 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Tgt Ion: 43 Resp: 188160

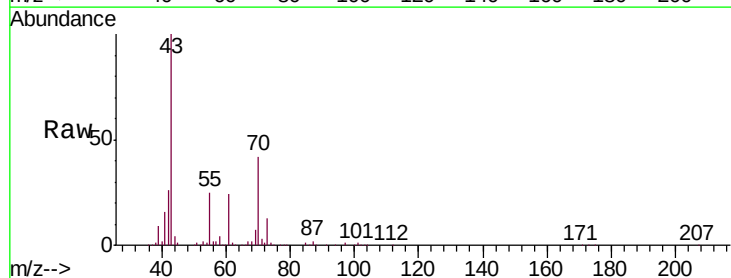
Ion Ratio Lower Upper

43 100

70 42.8 34.5 51.7

55 25.4 20.9 31.3

61 23.8 19.7 29.5

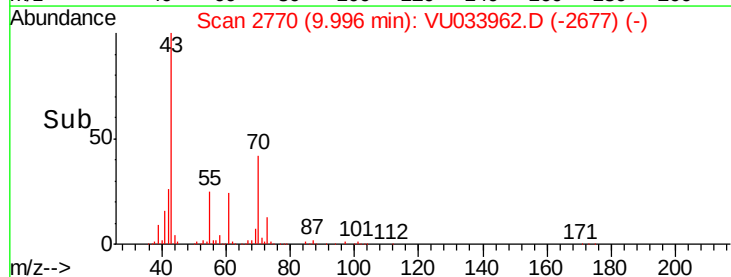
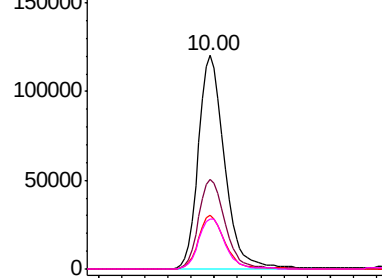


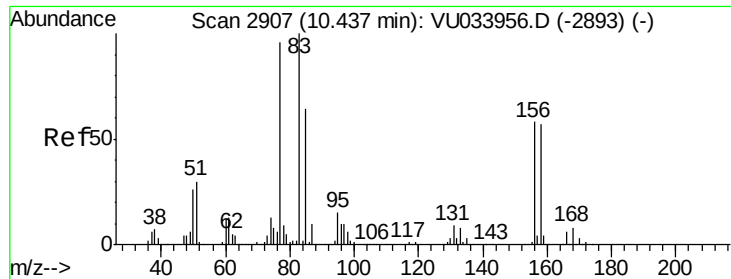
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

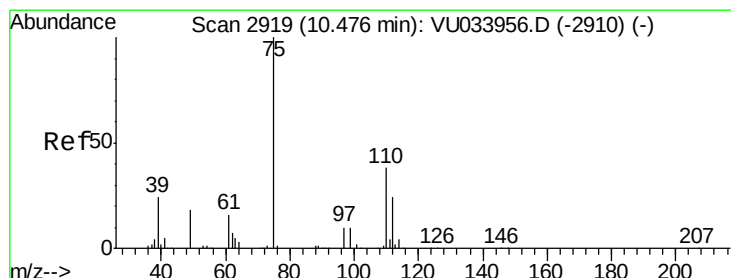
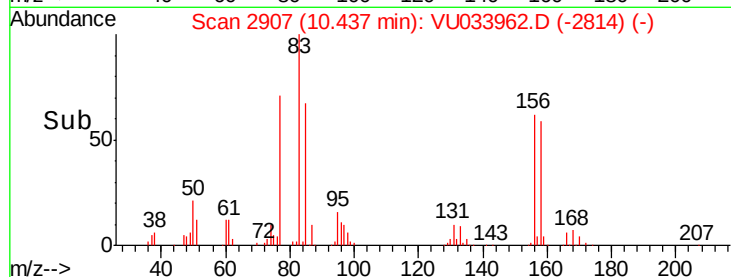
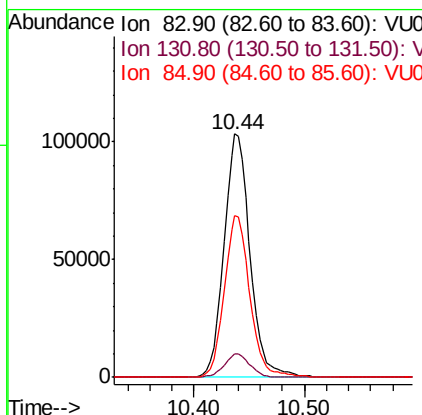
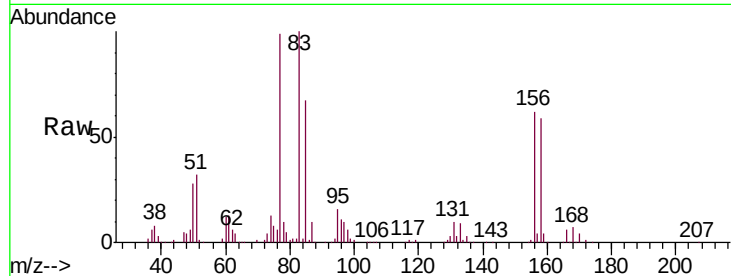




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.741 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

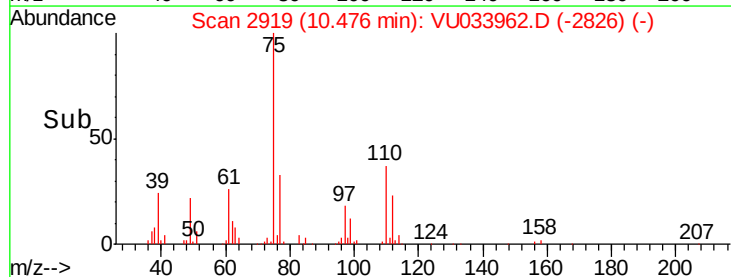
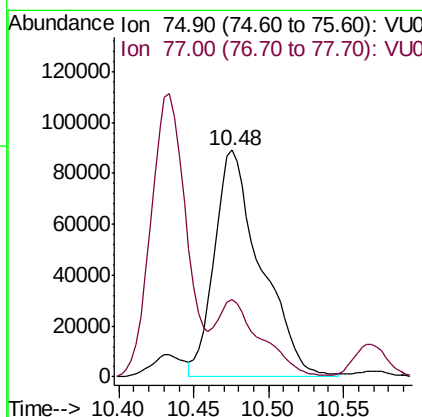
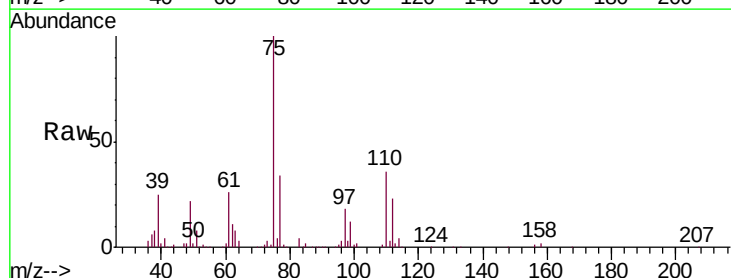
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

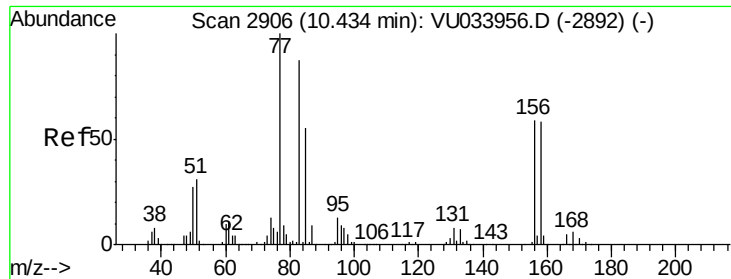
Tgt Ion: 83 Resp: 168484
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.6 13.8
 85 65.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 27.006 ug/l
 RT: 10.48 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 75 Resp: 191897
 Ion Ratio Lower Upper
 75 100
 77 32.5 20.1 60.3

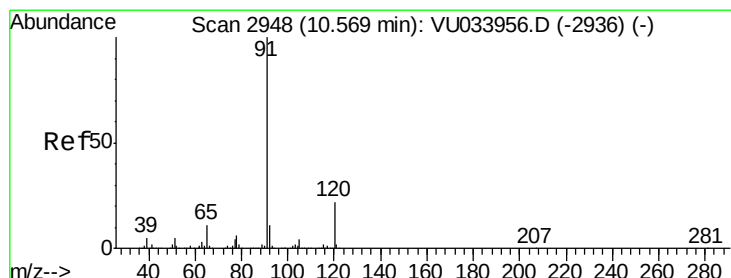
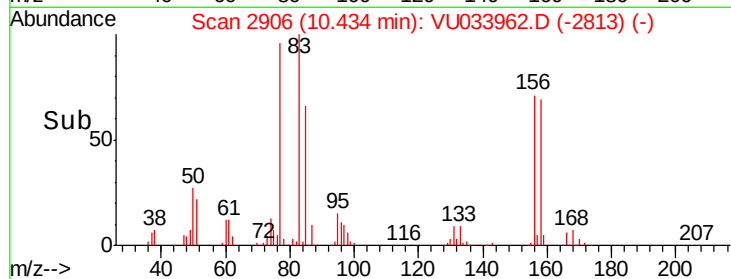
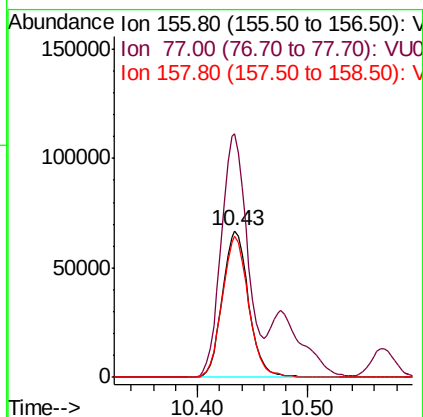
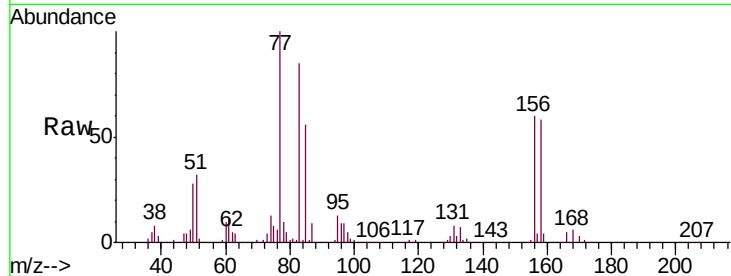




#77
Bromobenzene
Concen: 21.804 ug/l
RT: 10.43 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

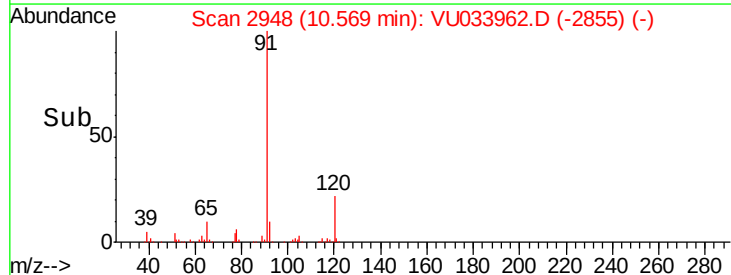
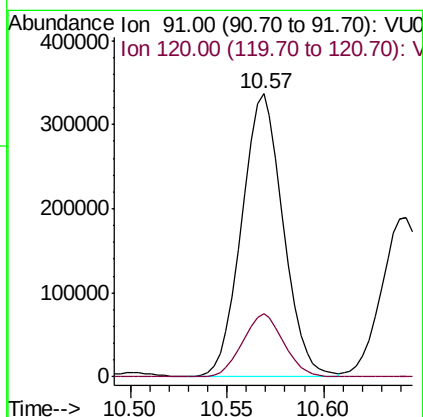
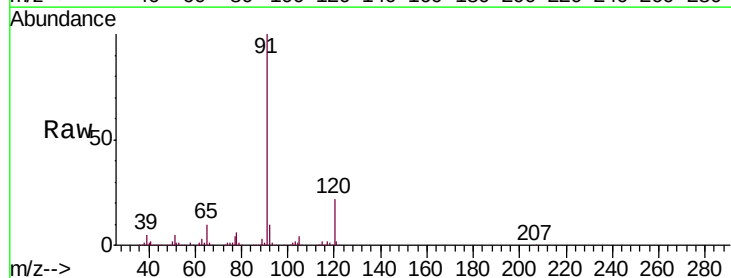
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

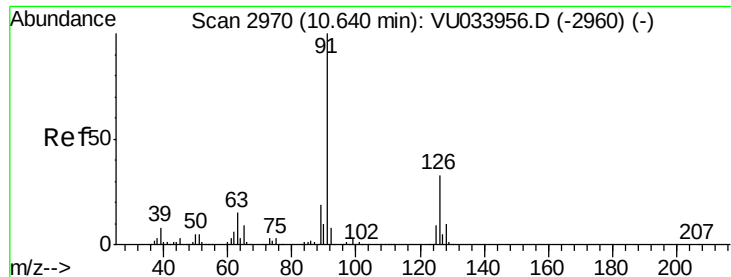
Tgt Ion:156 Resp: 110504
Ion Ratio Lower Upper
156 100
77 165.8 85.3 255.8
158 96.9 48.9 146.7



#78
n-propylbenzene
Concen: 22.075 ug/l
RT: 10.57 min Scan# 2948
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 91 Resp: 501026
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.6





#79

2-Chlorotoluene

Concen: 22.264 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

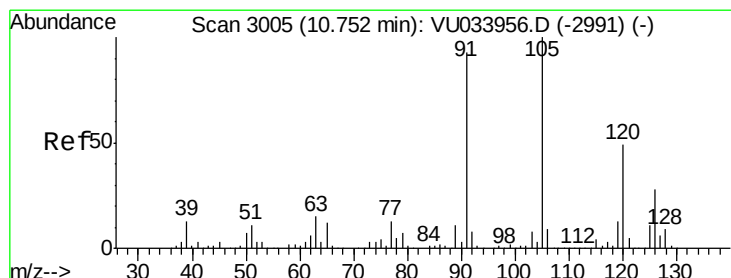
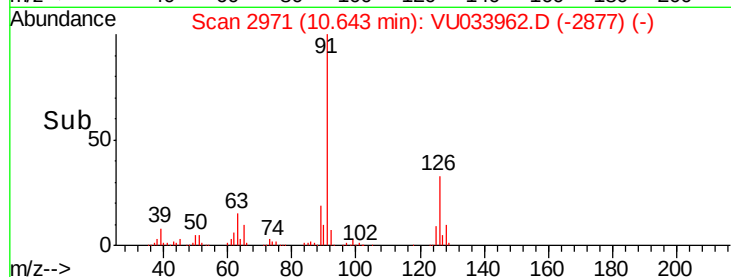
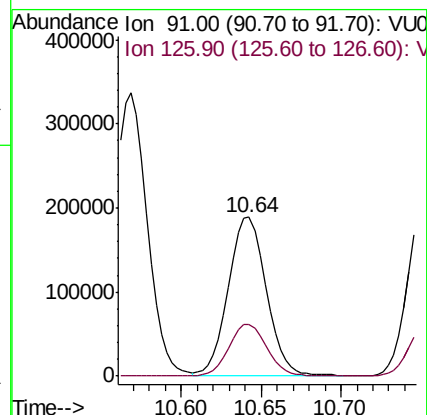
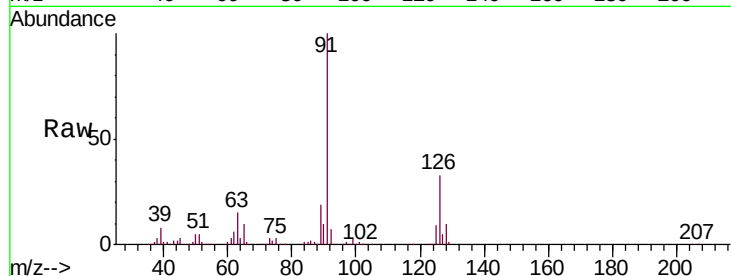
VU0827WBSD01

Tgt Ion: 91 Resp: 302603

Ion Ratio Lower Upper

91 100

126 33.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 22.217 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU033962.D

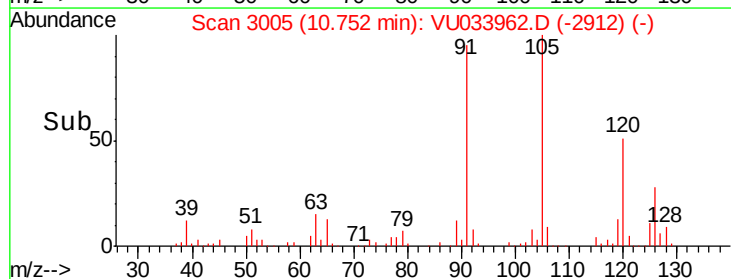
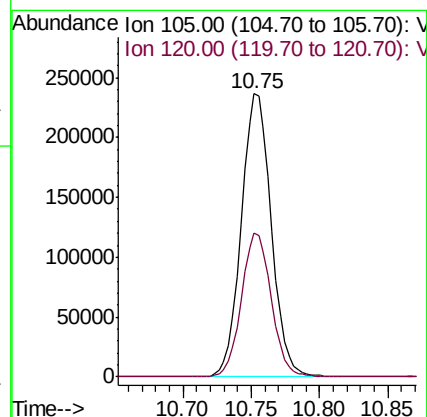
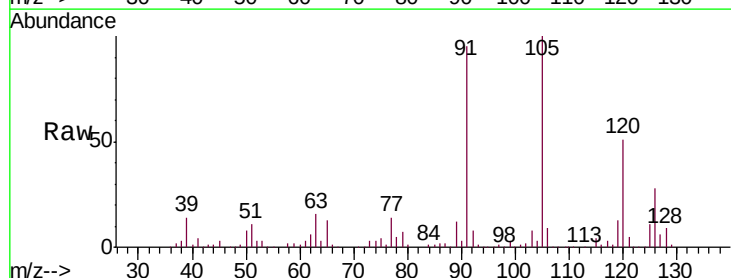
Acq: 26 Aug 2019 20:59

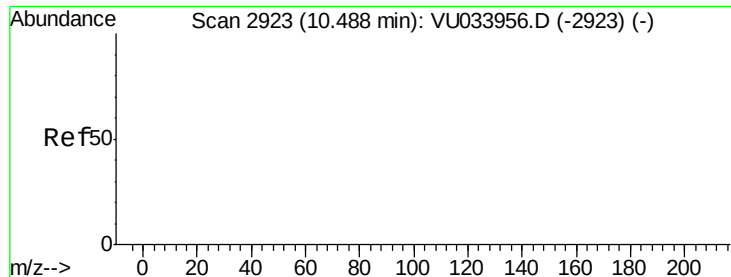
Tgt Ion: 105 Resp: 360435

Ion Ratio Lower Upper

105 100

120 50.6 24.6 73.8

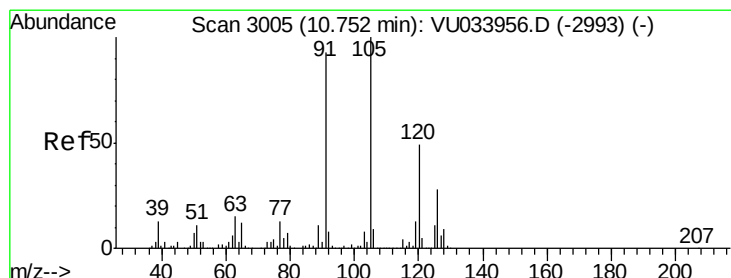
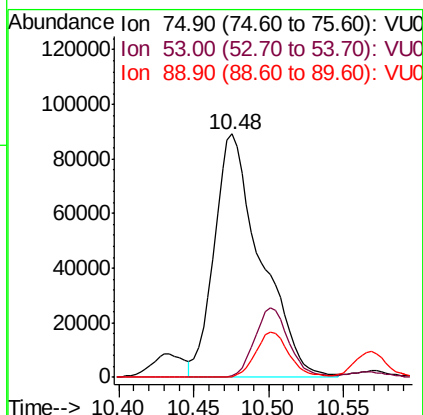
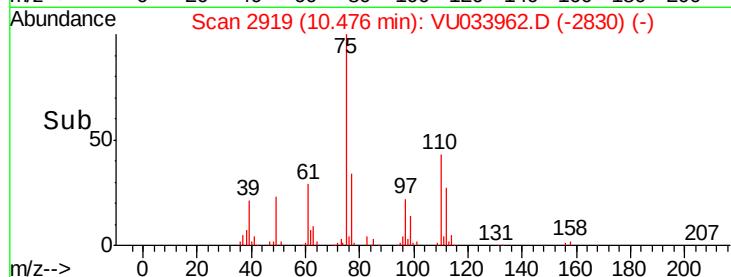
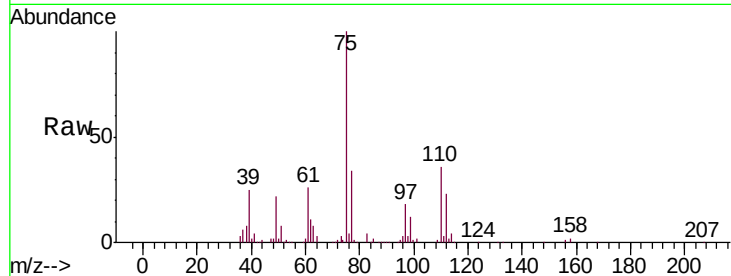




#81
trans-1,4-Dichloro-2-butene
Concen: 72.010 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

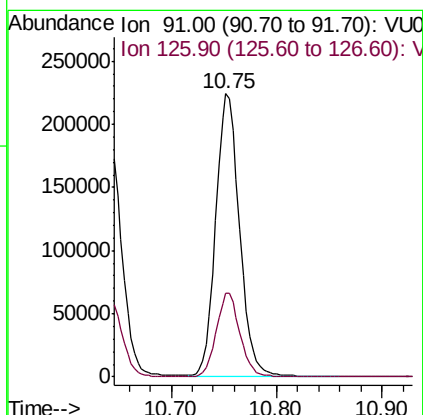
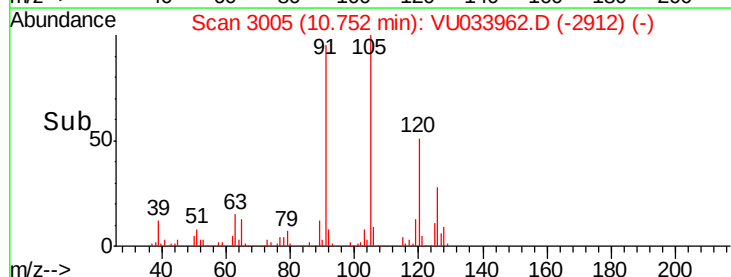
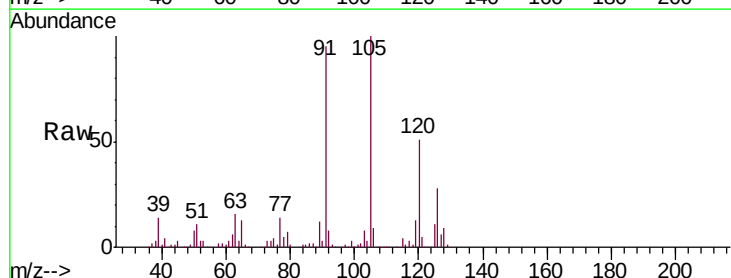
Instrument :
MSVOA_U
ClientSampleId :
VU0827WBSD01

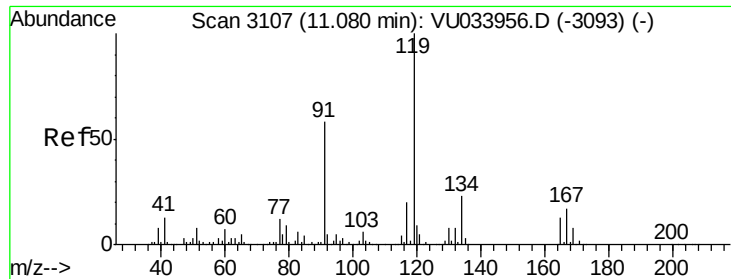
Tgt Ion: 75 Resp: 191897
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.753 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU033962.D
Acq: 26 Aug 2019 20:59

Tgt Ion: 91 Resp: 347528
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.3

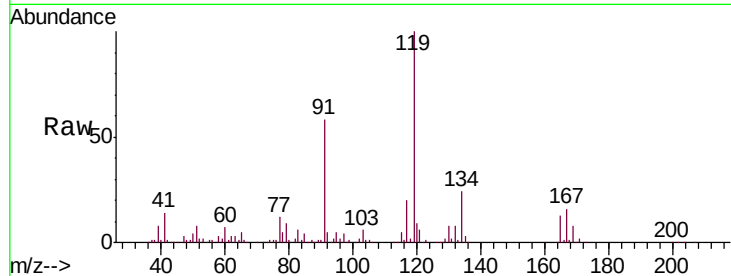




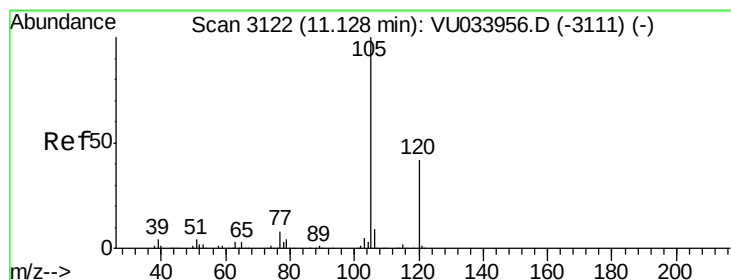
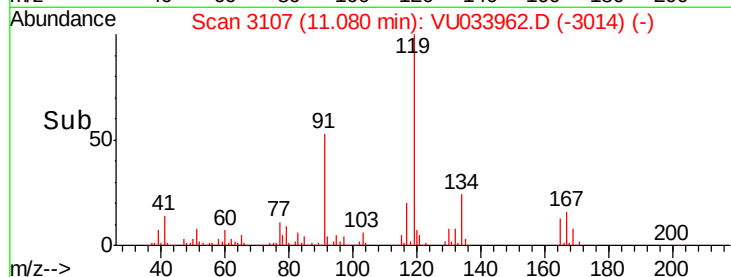
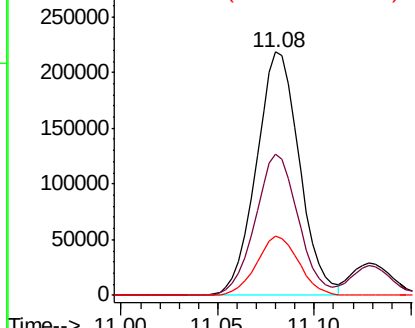
#83
 tert-Butylbenzene
 Concen: 22.402 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

Tgt Ion:119 Resp: 340029
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.6 85.8
 134 23.9 11.7 35.0

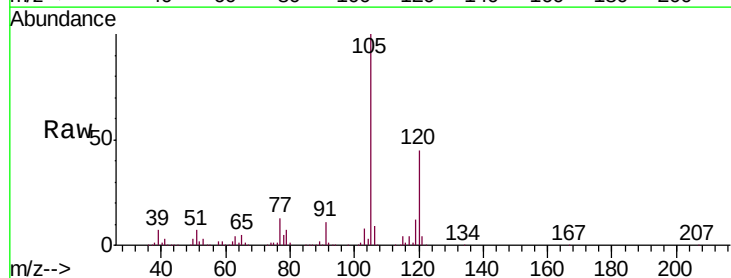


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

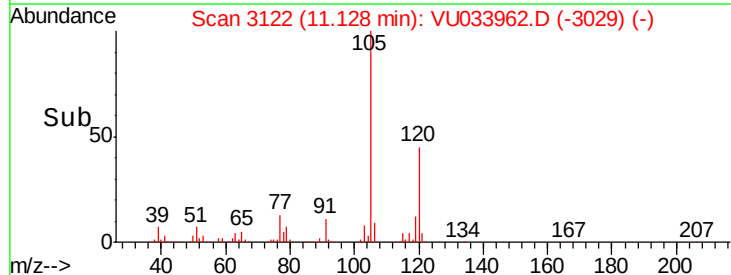
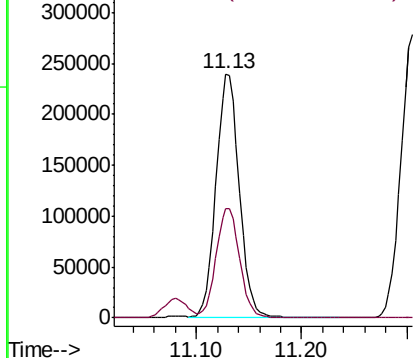


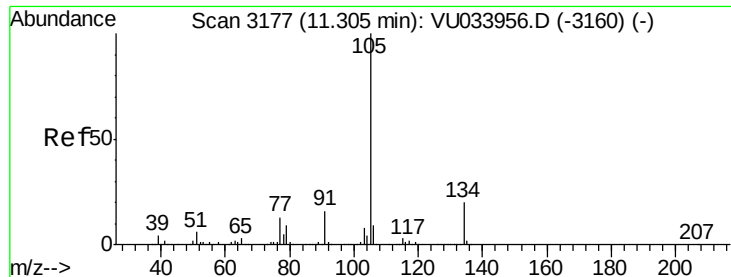
#84
 1,2,4-Trimethylbenzene
 Concen: 23.071 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion:105 Resp: 364623
 Ion Ratio Lower Upper
 105 100
 120 45.4 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: 22.045 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

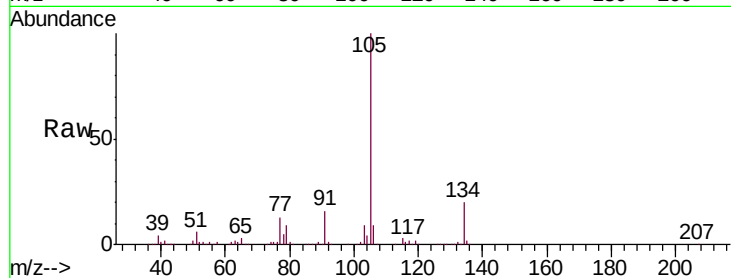
VU0827WBSD01

Tgt Ion:105 Resp: 419759

Ion Ratio Lower Upper

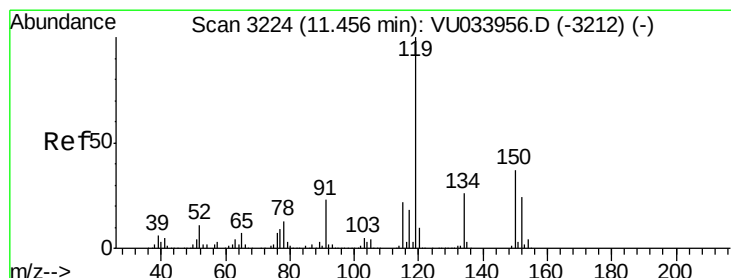
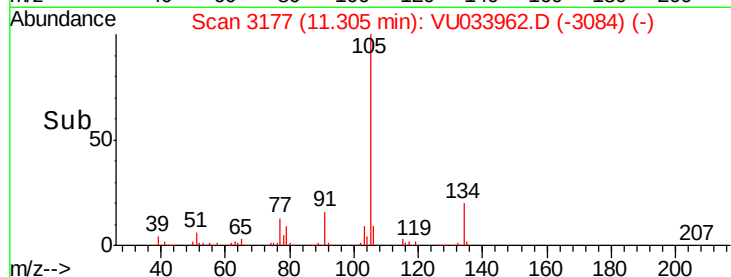
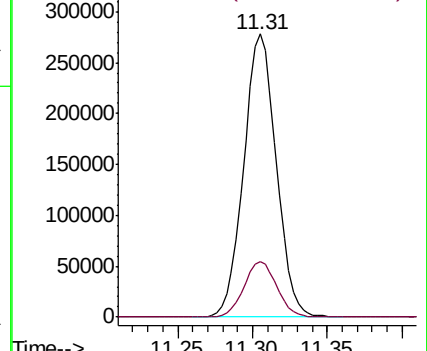
105 100

134 19.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.161 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. -0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

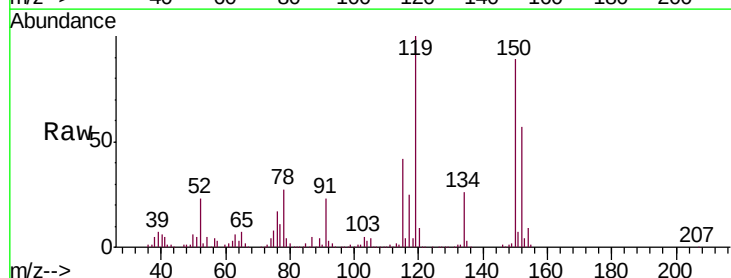
Tgt Ion:119 Resp: 382588

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

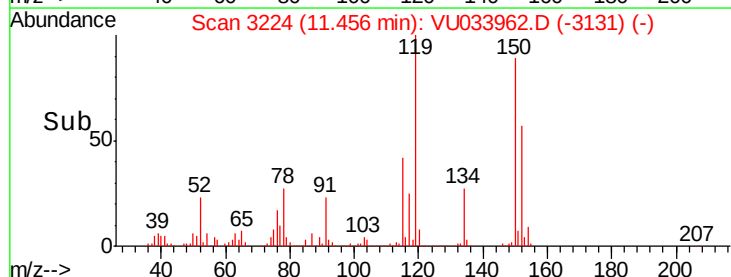
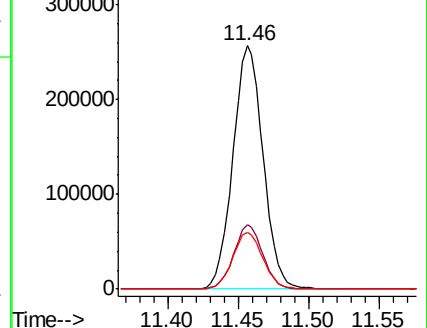
91 23.3 11.6 34.7

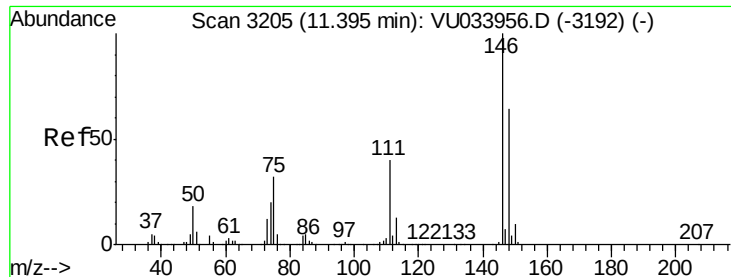


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

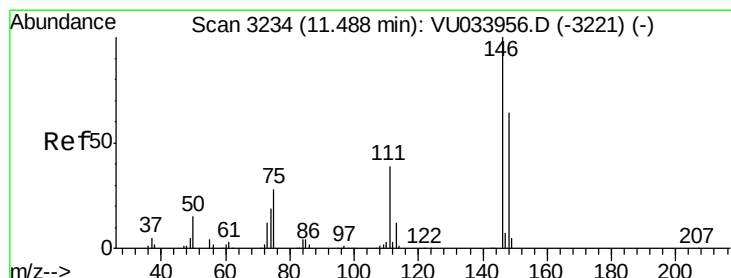
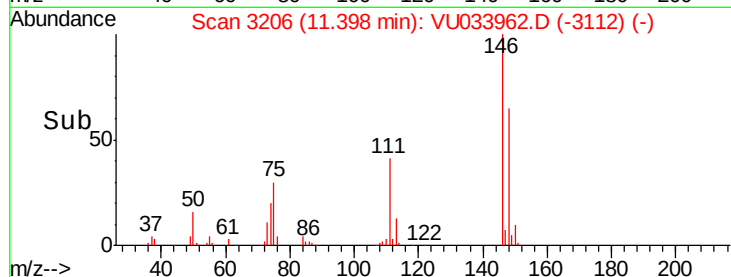
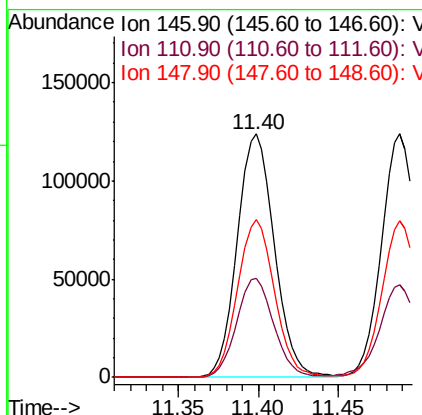
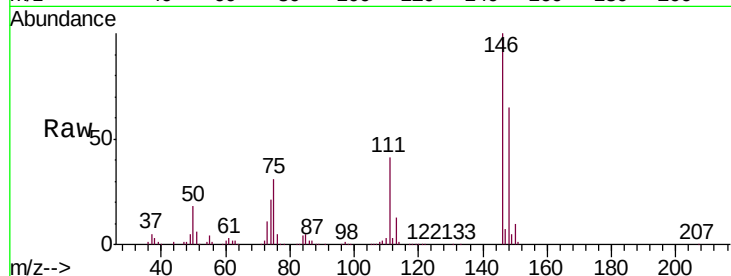




#87
 1,3-Dichlorobenzene
 Concen: 20.440 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

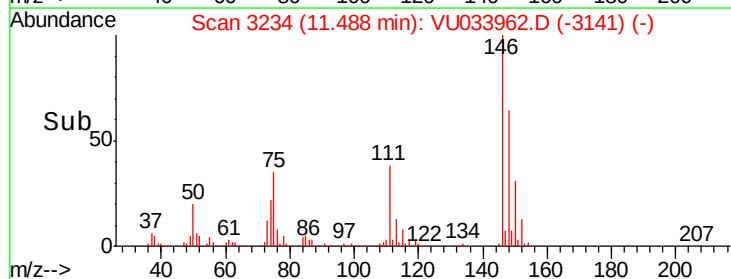
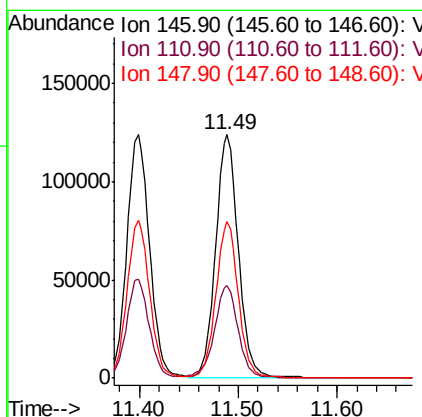
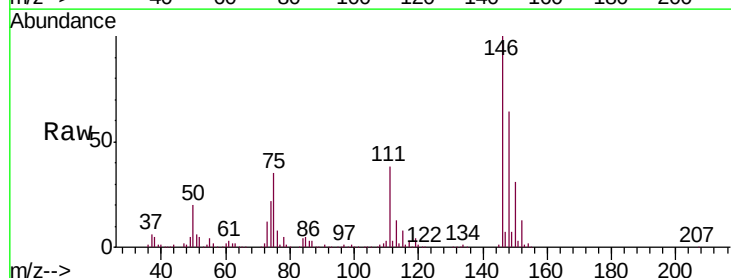
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

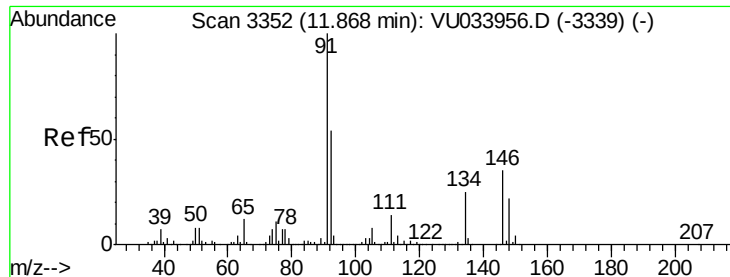
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.4	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.104 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.0	32.2	96.6





#89

n-Butylbenzene

Concen: 19.773 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

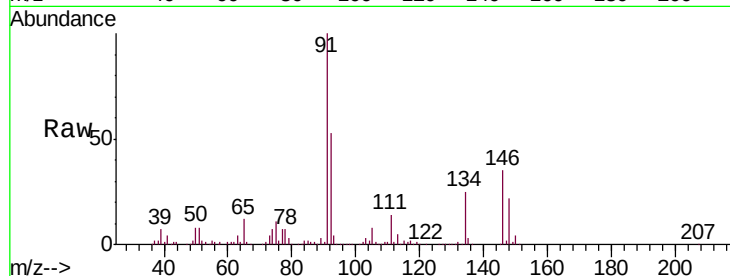
Tgt Ion: 91 Resp: 330289

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

134 24.9 12.6 37.6

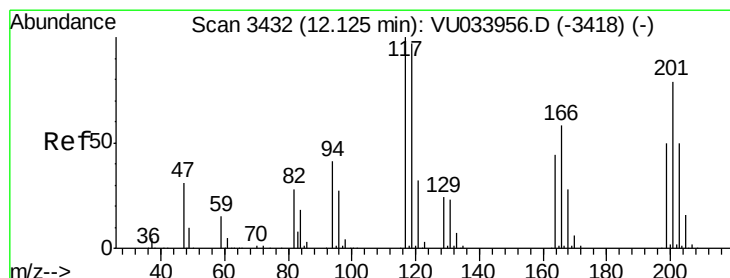
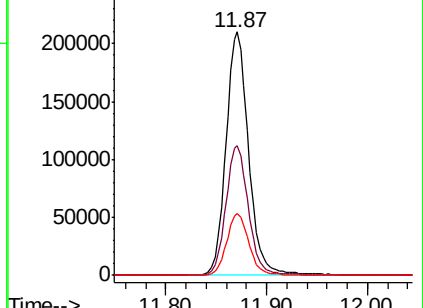
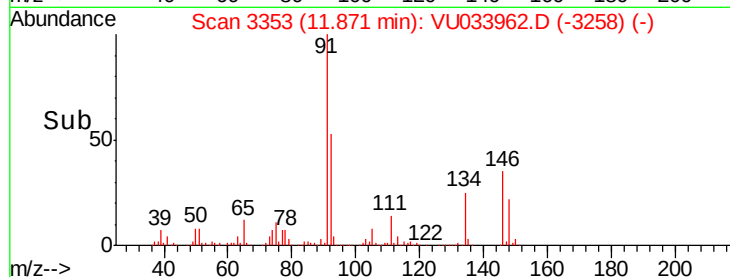


Abundance Ion 91.00 (90.70 to 91.70): VU033956.D (-3339) (-)

Ion 92.00 (91.70 to 92.70): VU033956.D (-3339) (-)

Ion 134.00 (133.70 to 134.70): VU033956.D (-3339) (-)

Time-->



#90

Hexachloroethane

Concen: 21.171 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. -0.00 min

Lab File: VU033962.D

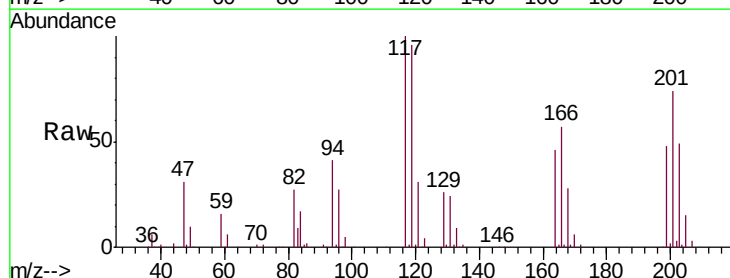
Acq: 26 Aug 2019 20:59

Tgt Ion: 117 Resp: 71576

Ion Ratio Lower Upper

117 100

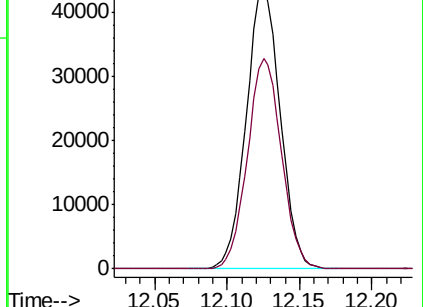
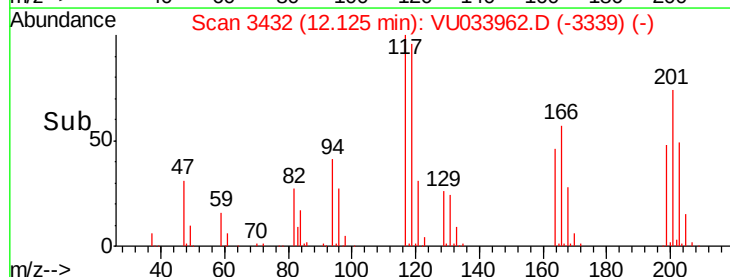
201 74.9 39.6 118.7

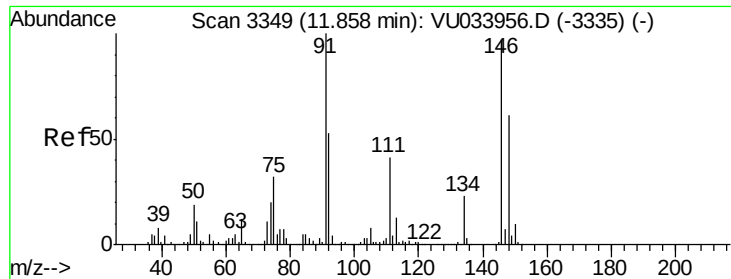


Abundance Ion 116.80 (116.50 to 117.50): VU033956.D (-3418) (-)

Ion 200.70 (200.40 to 201.40): VU033956.D (-3418) (-)

Time-->

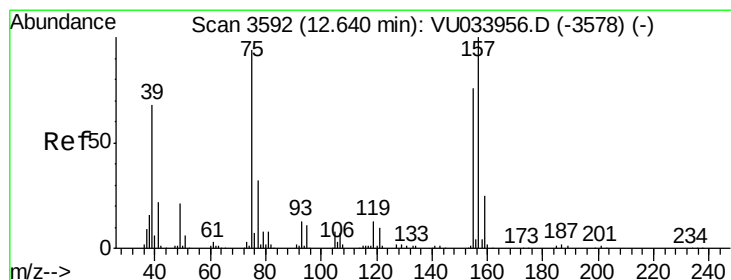
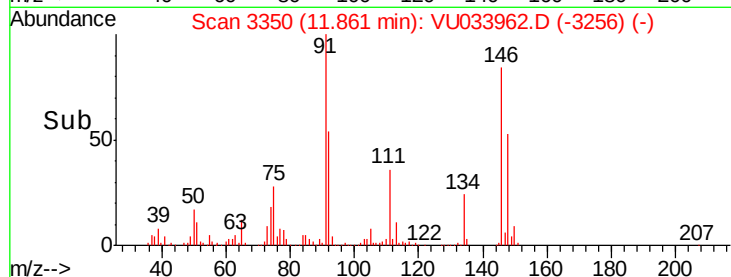
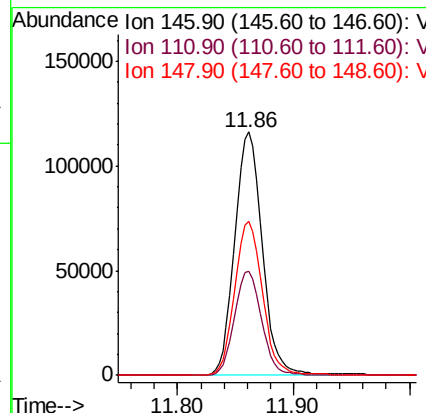
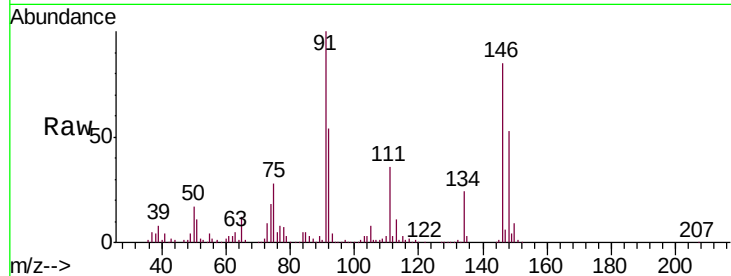




#91
 1,2-Dichlorobenzene
 Concen: 20.763 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

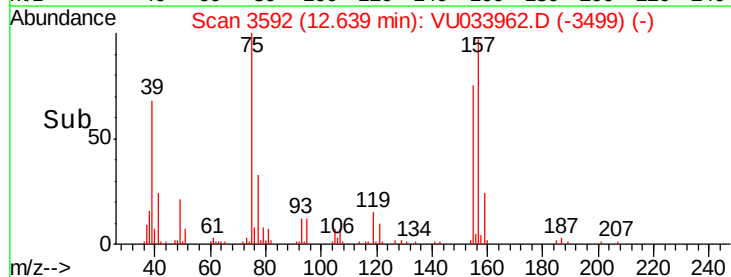
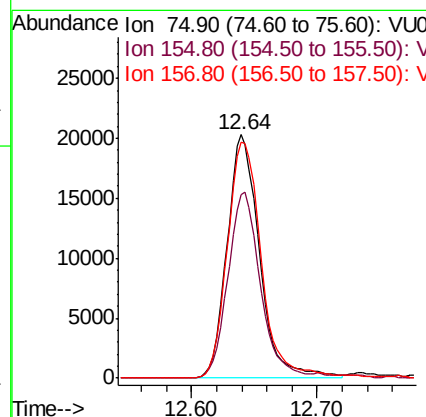
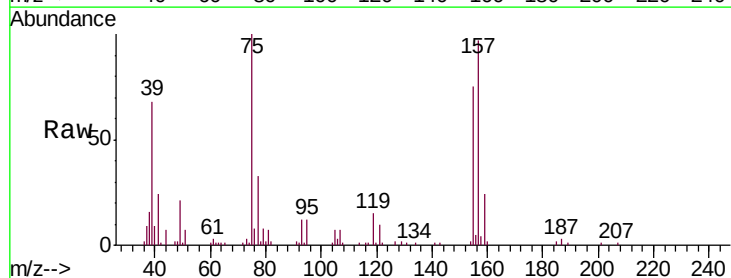
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

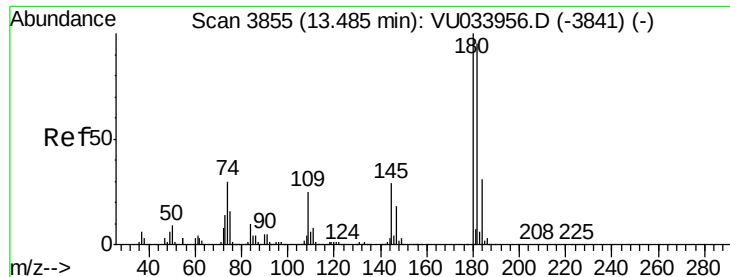
Tgt Ion:146 Resp: 190772
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.869 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion: 75 Resp: 36470
 Ion Ratio Lower Upper
 75 100
 155 75.9 40.0 119.9
 157 102.3 51.9 155.7

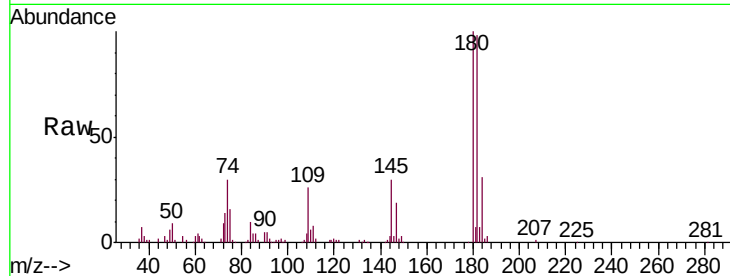




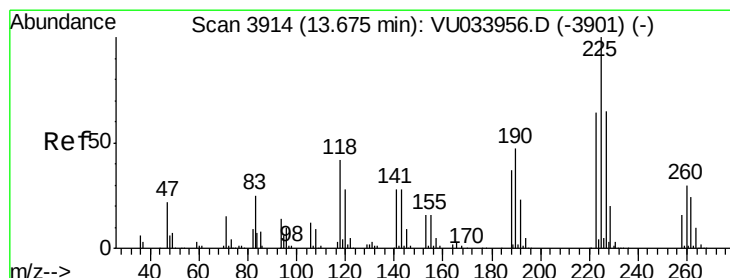
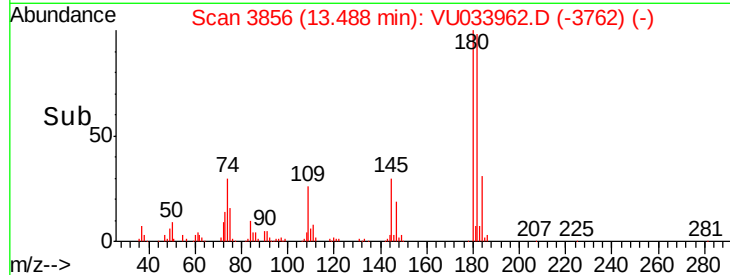
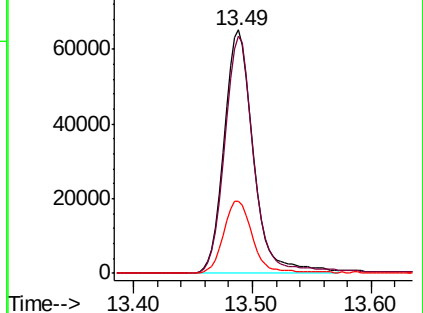
#93
 1,2,4-Trichlorobenzene
 Concen: 19.166 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0827WBSD01

Tgt Ion:180 Resp: 111612
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.4 142.3
 145 29.6 14.2 42.8

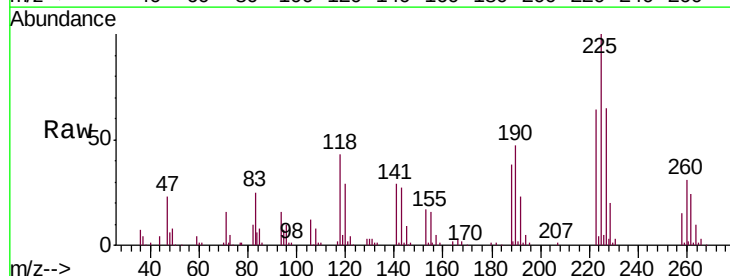


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

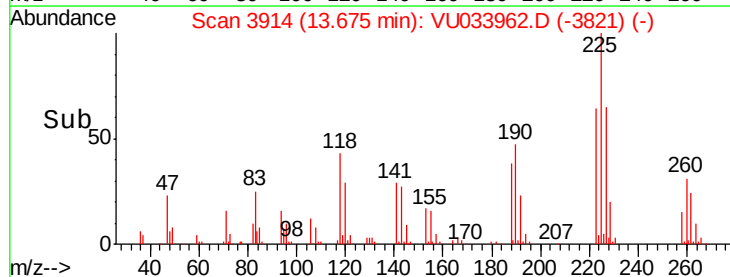
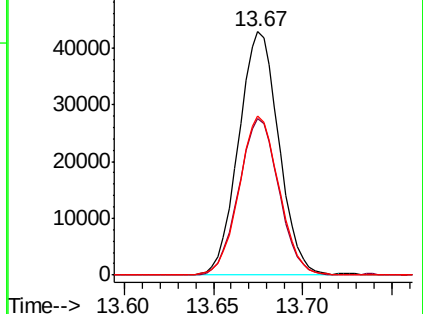


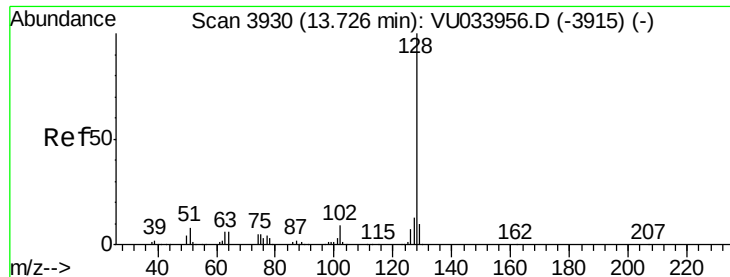
#94
 Hexachlorobutadiene
 Concen: 19.717 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: VU033962.D
 Acq: 26 Aug 2019 20:59

Tgt Ion:225 Resp: 67704
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.4 94.0
 227 64.5 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: 18.938 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

Instrument :

MSVOA_U

ClientSampleId :

VU0827WBSD01

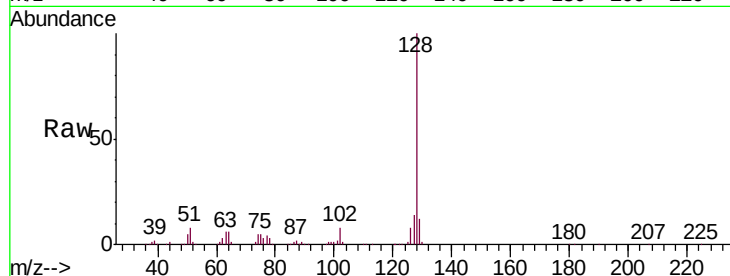
Tgt Ion:128 Resp: 315461

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

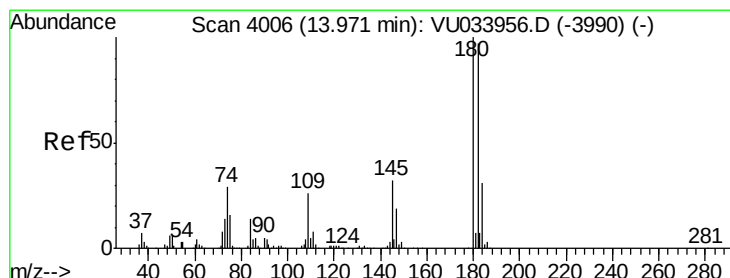
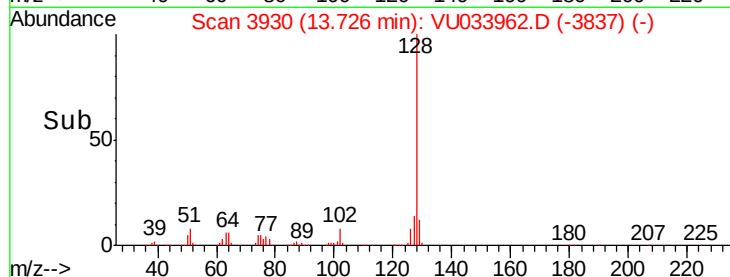
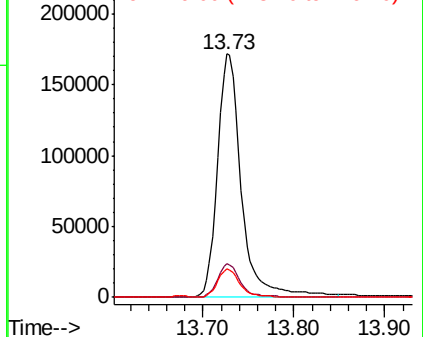
129 10.4 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.899 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. 0.00 min

Lab File: VU033962.D

Acq: 26 Aug 2019 20:59

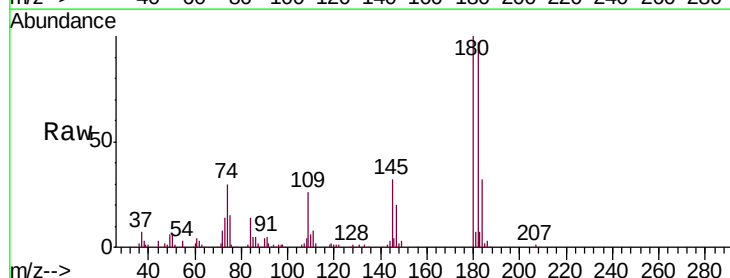
Tgt Ion:180 Resp: 116352

Ion Ratio Lower Upper

180 100

182 94.8 48.6 145.8

145 32.4 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

