

Data File : VU034225.D
Acq On : 03 Sep 2019 14:38
Operator : JC/SP
Sample : VU0904WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

Quant Time: Sep 04 04:23:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	380974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	617701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	587844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	320287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	242161	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	4.86	113	207948	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	7.55	98	792245	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	10.29	95	293645	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69649	18.178	ug/l	100
3) Chloromethane	1.32	50	90070	16.188	ug/l	99
4) Vinyl Chloride	1.40	62	91650	17.972	ug/l	99
5) Bromomethane	1.62	94	52318	17.543	ug/l	100
6) Chloroethane	1.69	64	57138	18.327	ug/l	99
7) Trichlorofluoromethane	1.88	101	113703	19.243	ug/l	99
8) Diethyl Ether	2.09	74	49879	19.733	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	72237	19.298	ug/l	99
10) Methyl Iodide	2.40	142	55348	10.423	ug/l	99
11) Tert butyl alcohol	2.81	59	86722	77.037	ug/l	99
12) 1,1-Dichloroethene	2.27	96	73388	19.242	ug/l	98
13) Acrolein	2.19	56	21743	45.914	ug/l	97
14) Allyl chloride	2.58	41	119684	16.690	ug/l	93
15) Acrylonitrile	2.92	53	250290	96.893	ug/l	99
16) Acetone	2.31	43	206844	83.043	ug/l	99
17) Carbon Disulfide	2.47	76	197808	16.387	ug/l	99
18) Methyl Acetate	2.60	43	122784	19.076	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	247869	19.835	ug/l	99
20) Methylene Chloride	2.69	84	89216	18.920	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	80054	19.340	ug/l	99
22) Diisopropyl ether	3.55	45	266964	20.317	ug/l	98
23) Vinyl Acetate	3.51	43	1089786	96.547	ug/l	100
24) 1,1-Dichloroethane	3.43	63	153464	19.782	ug/l	99
25) 2-Butanone	4.24	43	321207	92.691	ug/l	100
26) 2,2-Dichloropropane	4.21	77	113854	18.036	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	90018	19.376	ug/l	98
28) Bromochloromethane	4.52	49	68566	17.940	ug/l	99
29) Tetrahydrofuran	4.62	42	207638	97.160	ug/l	99
30) Chloroform	4.65	83	152459	19.697	ug/l	99
31) Cyclohexane	4.97	56	129210	17.725	ug/l	94
32) 1,1,1-Trichloroethane	4.89	97	124262	19.602	ug/l	99
36) 1,1-Dichloropropene	5.12	75	105693	18.090	ug/l	100
37) Ethyl Acetate	4.36	43	119066	18.198	ug/l	99
38) Carbon Tetrachloride	5.11	117	106279	18.845	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	120176	17.451	ug/l	98
40) Benzene	5.37	78	337607	19.098	ug/l	100
41) Methacrylonitrile	4.52	41	63234	18.845	ug/l	97
42) 1,2-Dichloroethane	5.39	62	116012	19.005	ug/l	98
43) Isopropyl Acetate	5.53	43	182023	18.287	ug/l	100
44) Trichloroethene	6.17	130	90479	19.491	ug/l	98
45) 1,2-Dichloropropane	6.41	63	93772	19.270	ug/l	100
46) Dibromomethane	6.54	93	59948	19.122	ug/l	100
47) Bromodichloromethane	6.74	83	116787	19.040	ug/l	100
48) Methyl methacrylate	6.60	41	86373	17.982	ug/l	97
49) 1,4-Dioxane	6.59	88	32216	267.692	ug/l	96
51) 4-Methyl-2-Pentanone	7.44	43	626802	91.182	ug/l	100
52) Toluene	7.62	92	212291	19.495	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	123564	18.156	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	137177	18.449	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	87547	19.006	ug/l	98
56) Ethyl methacrylate	8.00	69	121590	16.576	ug/l	99
57) 1,3-Dichloropropane	8.22	76	148566	18.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	206813	81.158	ug/l	100
59) 2-Hexanone	8.34	43	468489	90.279	ug/l	98
60) Dibromochloromethane	8.46	129	92708	18.750	ug/l	99
61) 1,2-Dibromoethane	8.57	107	88867	18.315	ug/l	100
64) Tetrachloroethene	8.21	164	78779	19.955	ug/l	100
65) Chlorobenzene	9.10	112	230224	19.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	82022	18.698	ug/l	100
67) Ethyl Benzene	9.23	91	388239	18.933	ug/l	100
68) m/p-Xylenes	9.36	106	299054	38.353	ug/l	100
69) o-Xylene	9.76	106	143537	19.188	ug/l	99
70) Styrene	9.77	104	250630	19.540	ug/l	99
71) Bromoform	9.94	173	68245	17.906	ug/l #	100
73) Isopropylbenzene	10.15	105	386662	17.973	ug/l	100
74) N-amyl acetate	10.00	43	155498	17.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	146833	17.832	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	158644	21.977	ug/l	87
77) Bromobenzene	10.43	156	104256	18.015	ug/l	99
78) n-propylbenzene	10.57	91	451018	18.002	ug/l	99
79) 2-Chlorotoluene	10.64	91	274865	18.290	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	338856	18.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	159122	74.224	ug/l #	100
82) 4-Chlorotoluene	10.75	91	317382	18.364	ug/l	100
83) tert-Butylbenzene	11.08	119	314696	17.532	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	332636	18.372	ug/l	99
85) sec-Butylbenzene	11.30	105	383191	17.811	ug/l	99
86) p-Isopropyltoluene	11.46	119	352190	18.100	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	187327	18.284	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	190980	18.432	ug/l	98
89) n-Butylbenzene	11.87	91	299084	17.434	ug/l	100
90) Hexachloroethane	12.12	117	51474	15.301	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	185132	18.863	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	27272	16.625	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090419\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VU0904WBSD01
Misc : 5.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :
VU0904WBSD01

Quant Time: Sep 04 04:23:07 2019
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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	118018	17.643	ug/l	98
94) Hexachlorobutadiene	13.67	225	59802	15.576	ug/l	97
95) Naphthalene	13.73	128	317091	17.083	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	115935	18.441	ug/l	98

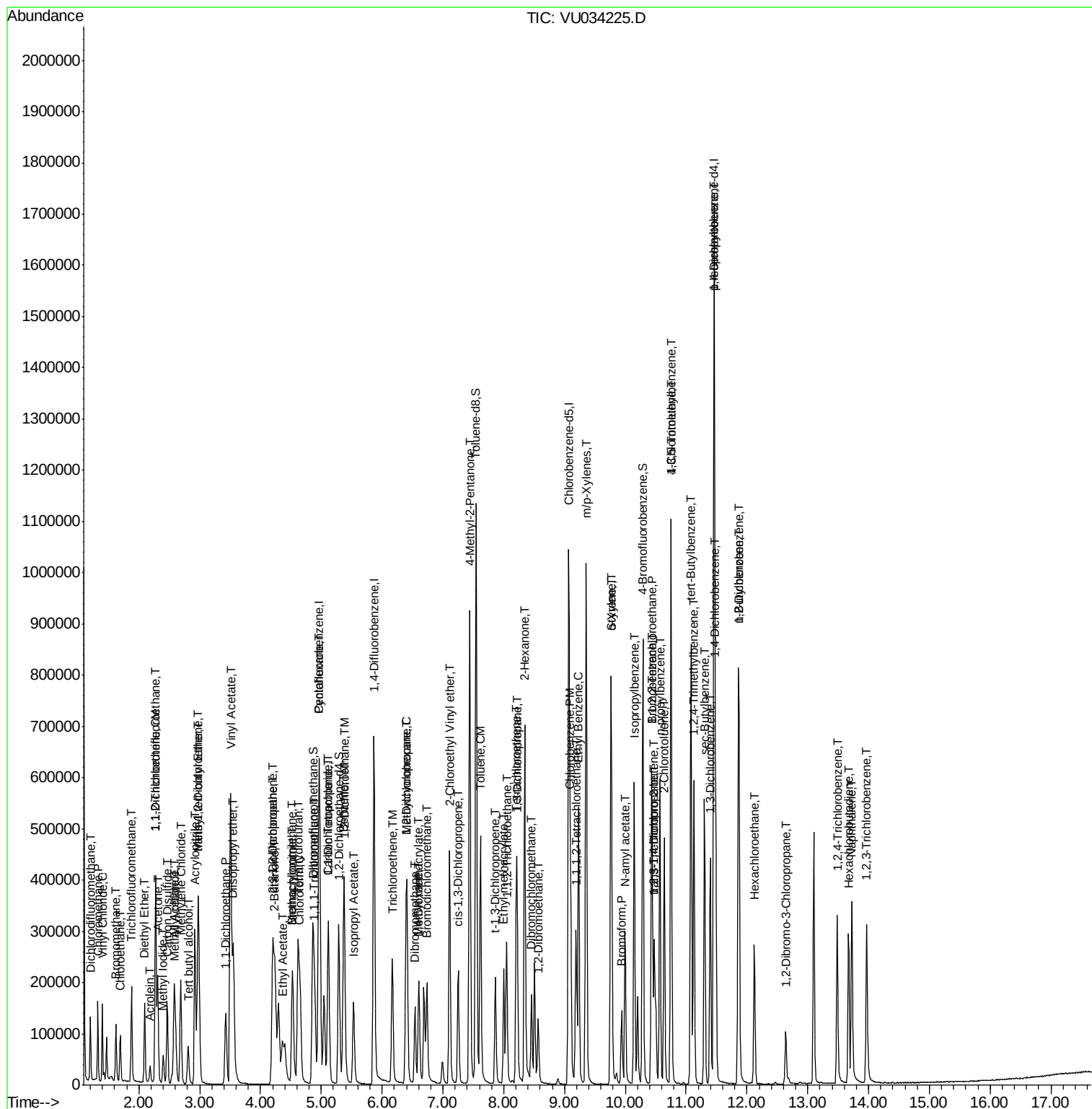
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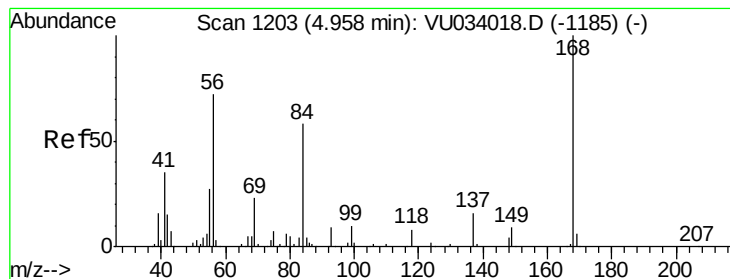
Data File : VU034225.D

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Acq On       : 03 Sep 2019   14:38
Operator     : JC/SP
Sample       : VU0904WBSD01
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 15      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

Quant Time: Sep 04 04:23:07 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

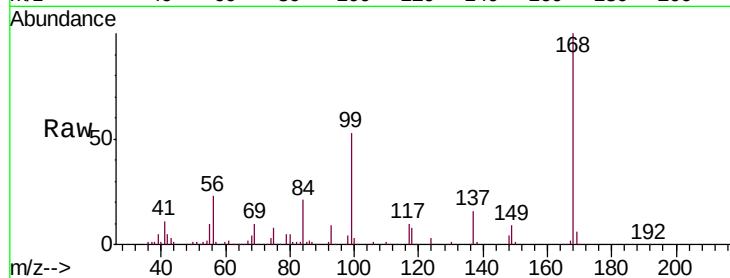
VU0904WBSD01

Tgt Ion:168 Resp: 380974

Ion Ratio Lower Upper

168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

150000

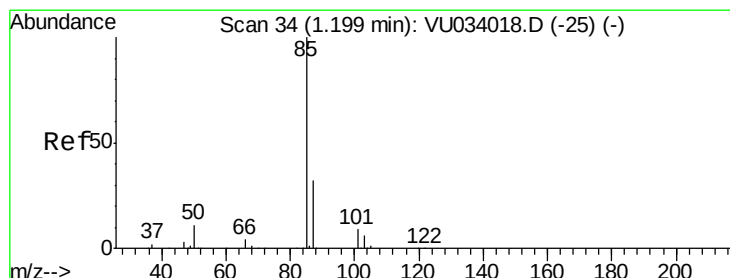
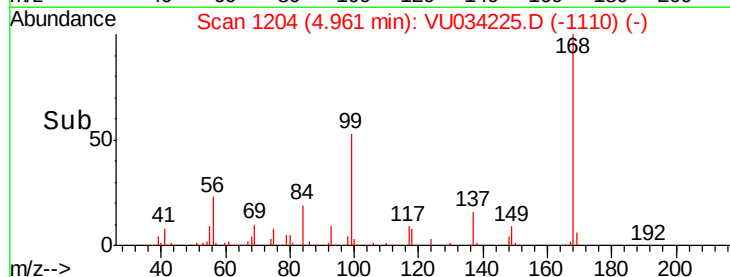
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.178 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034225.D

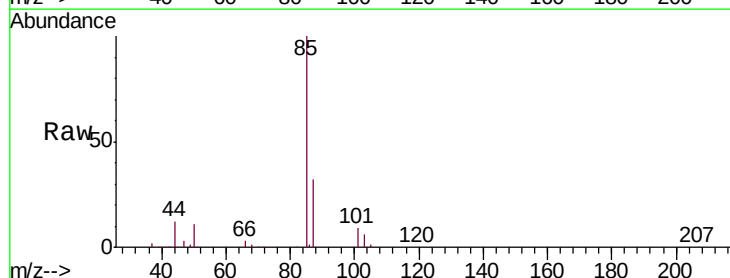
Acq: 03 Sep 2019 14:38

Tgt Ion: 85 Resp: 69649

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

1.20

80000

60000

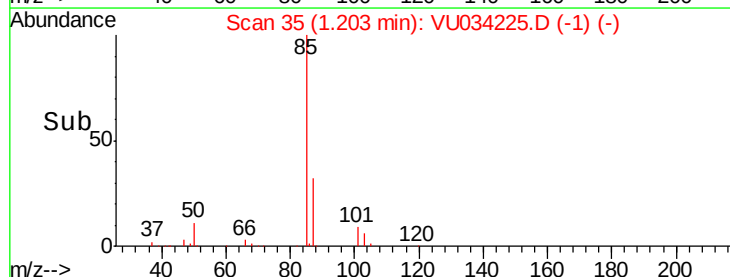
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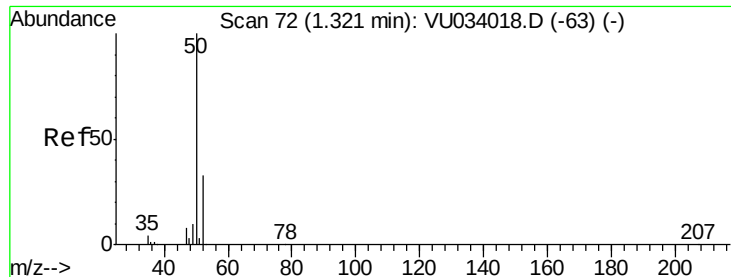
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.188 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

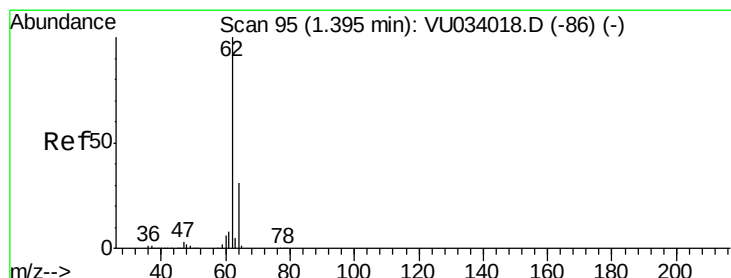
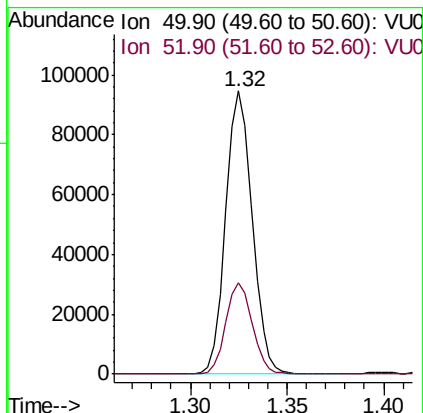
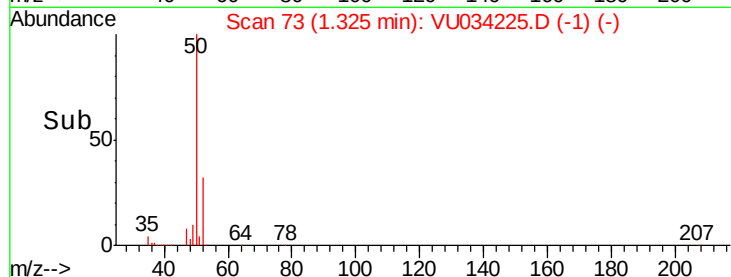
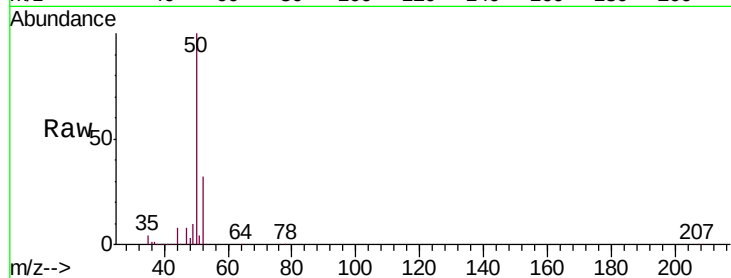
VU0904WBSD01

Tgt Ion: 50 Resp: 90070

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.4



#4

Vinyl Chloride

Concen: 17.972 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034225.D

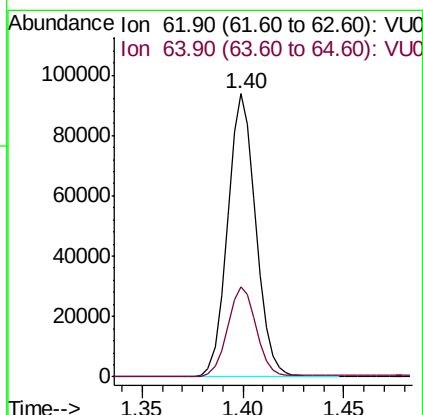
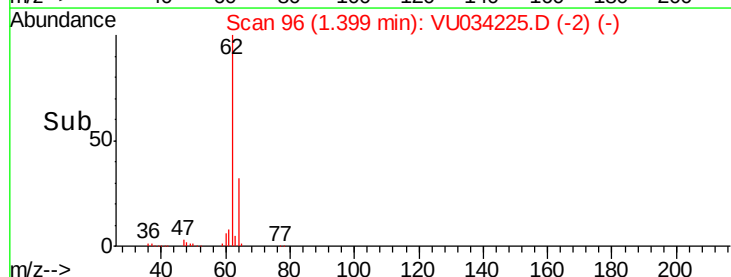
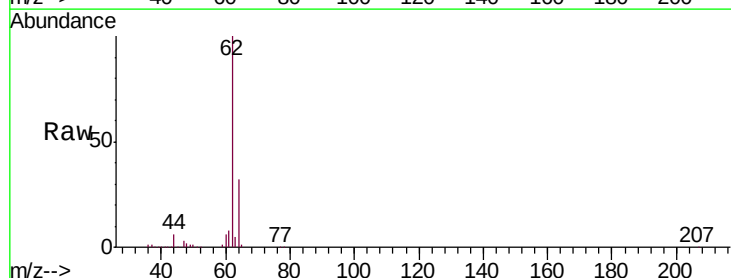
Acq: 03 Sep 2019 14:38

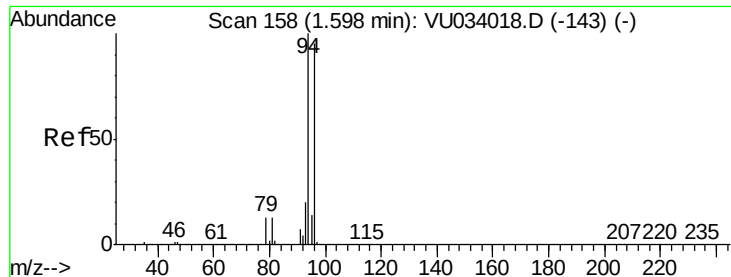
Tgt Ion: 62 Resp: 91650

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





#5

Bromomethane

Concen: 17.543 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.02 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

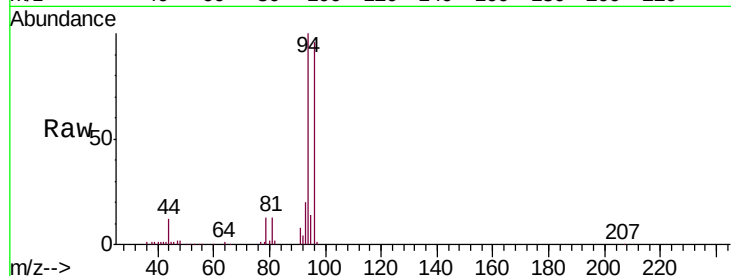
VU0904WBSD01

Tgt Ion: 94 Resp: 52318

Ion Ratio Lower Upper

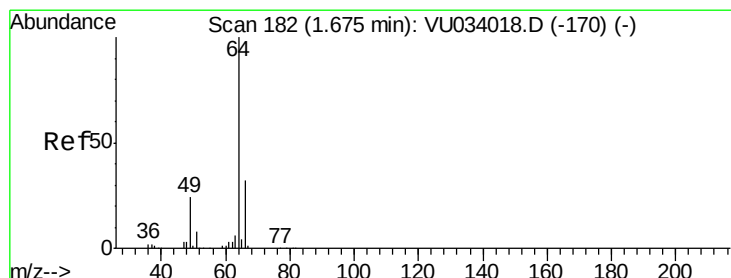
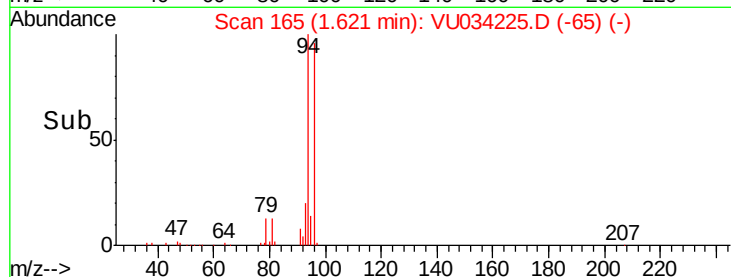
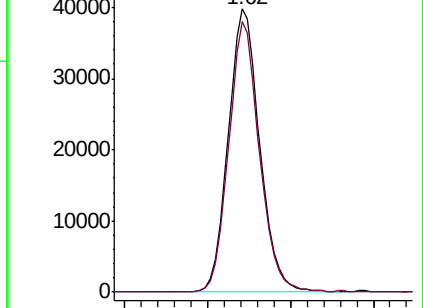
94 100

96 95.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VU034018.D (-143) (-)



#6

Chloroethane

Concen: 18.327 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.02 min

Lab File: VU034225.D

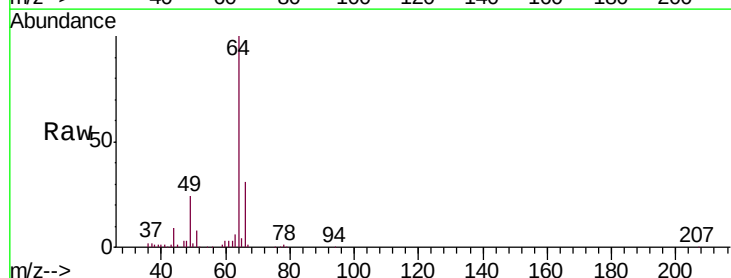
Acq: 03 Sep 2019 14:38

Tgt Ion: 64 Resp: 57138

Ion Ratio Lower Upper

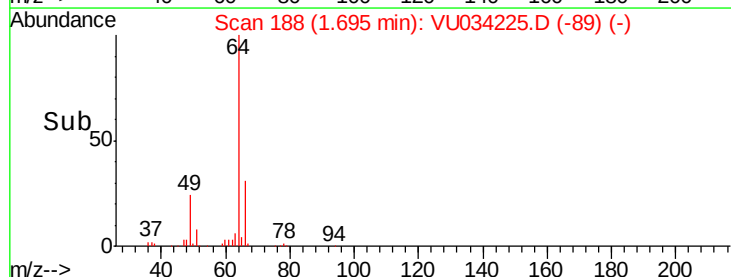
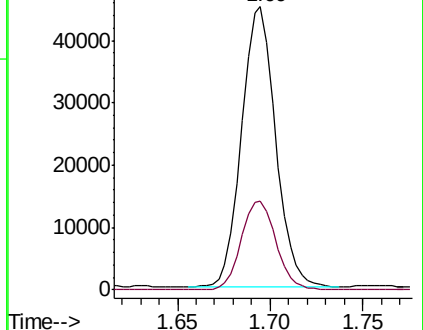
64 100

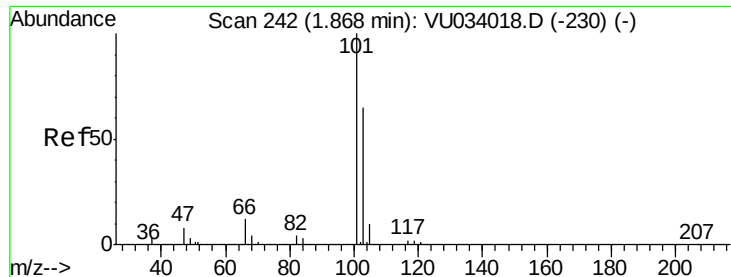
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034018.D (-170) (-)

Ion 65.90 (65.60 to 66.60): VU034018.D (-170) (-)



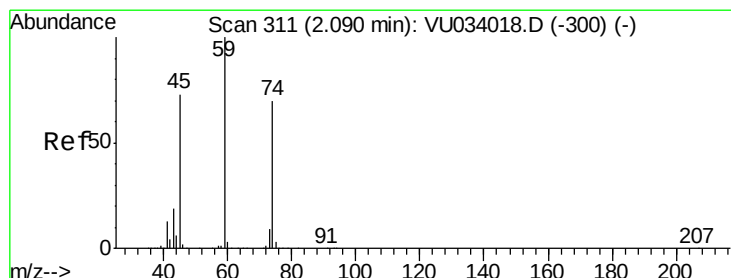
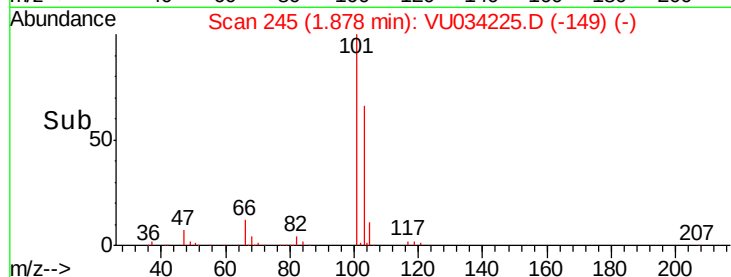
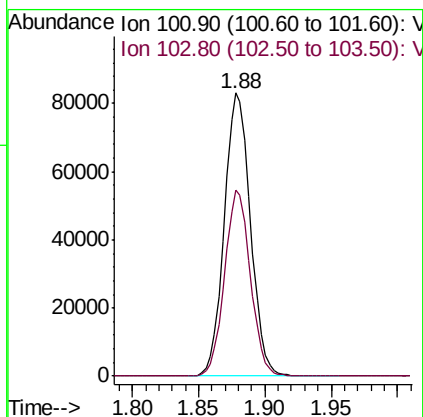
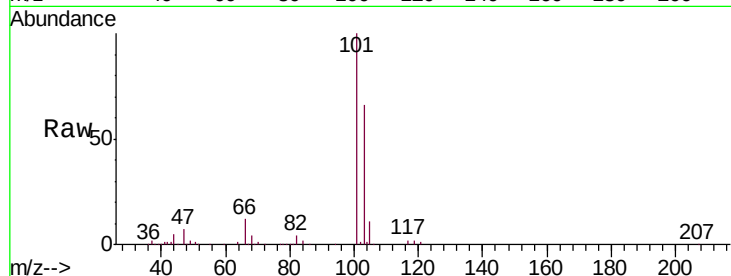


#7

Trichlorofluoromethane
Concen: 19.243 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

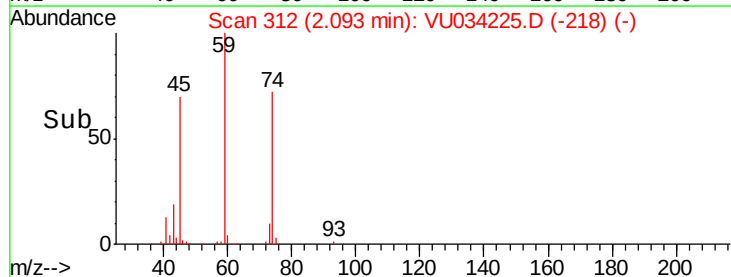
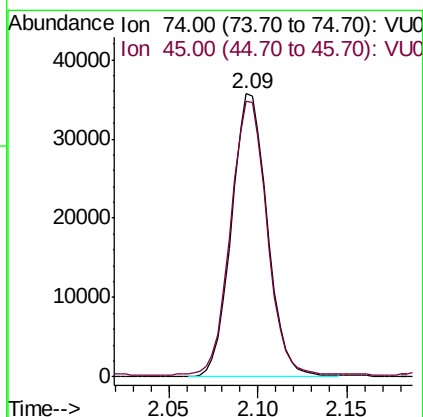
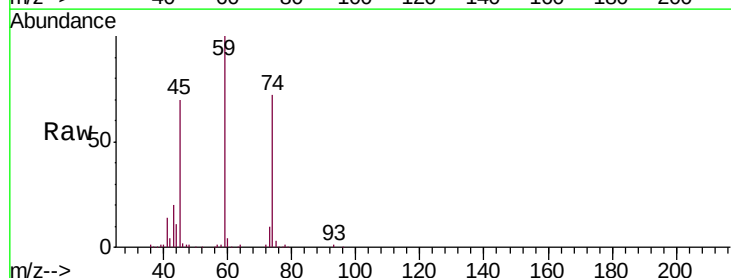
Tgt Ion:101 Resp: 113703
Ion Ratio Lower Upper
101 100
103 65.7 52.1 78.1

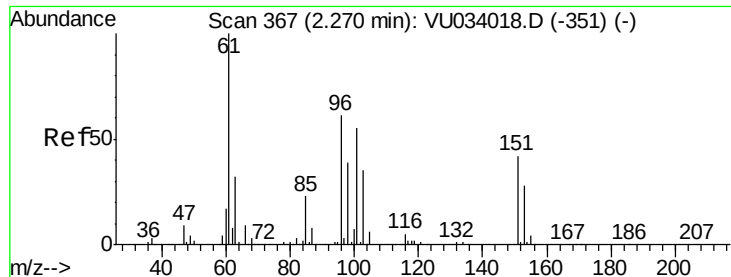


#8

Diethyl Ether
Concen: 19.733 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 74 Resp: 49879
Ion Ratio Lower Upper
74 100
45 97.9 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.298 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

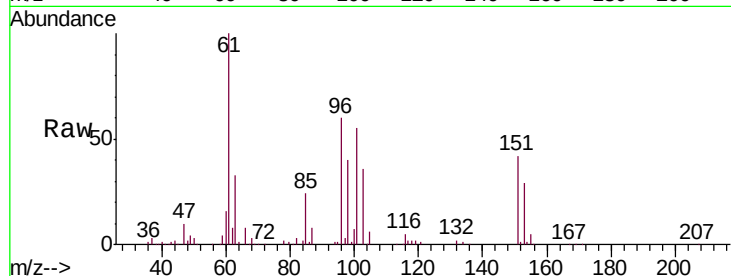
Tgt Ion:101 Resp: 72237

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.2

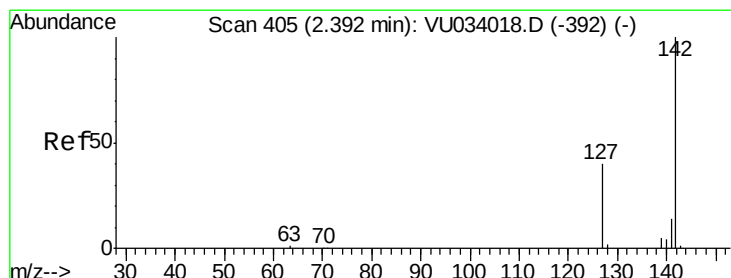
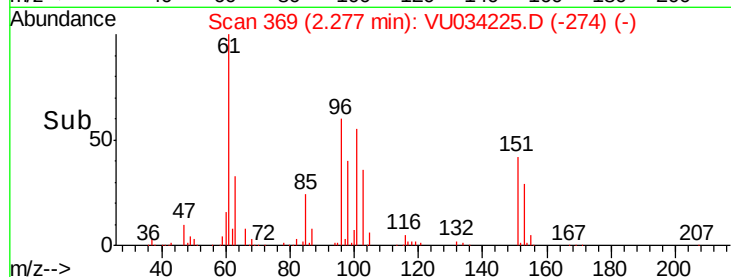
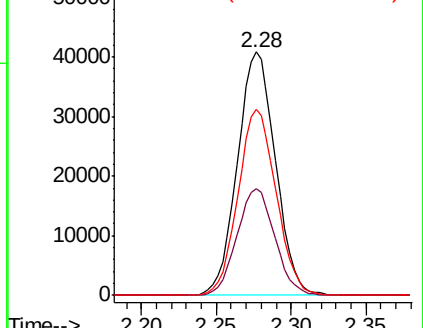
151 76.5 61.4 92.2



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: 10.423 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

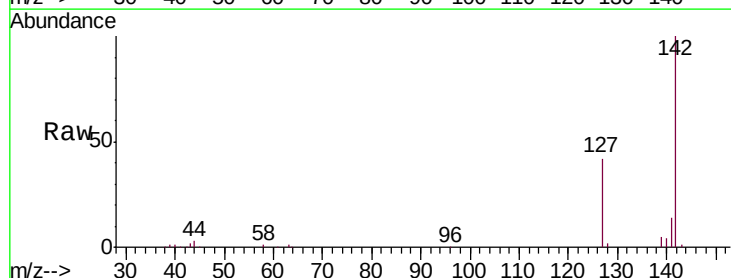
Tgt Ion:142 Resp: 55348

Ion Ratio Lower Upper

142 100

127 41.0 32.6 48.8

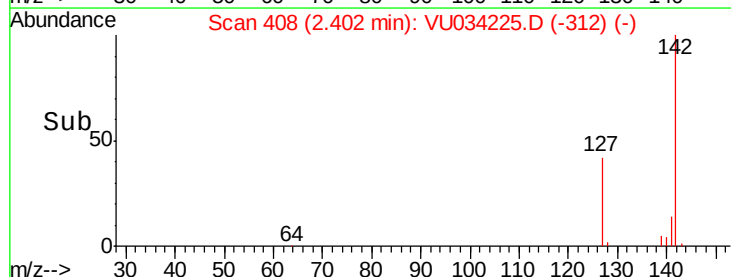
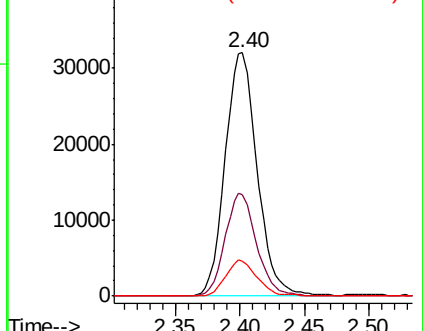
141 14.3 11.3 16.9

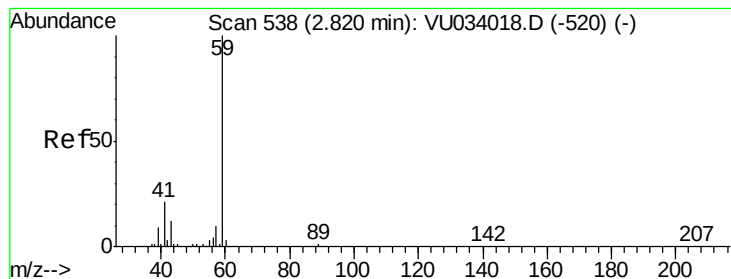


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



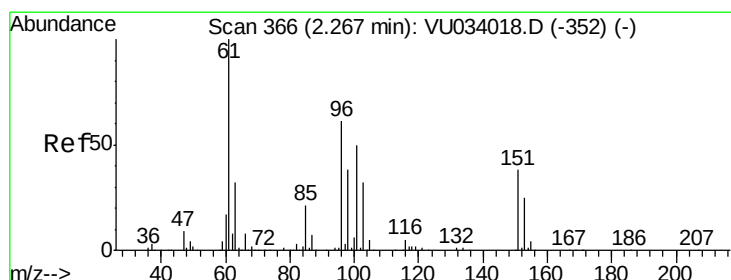
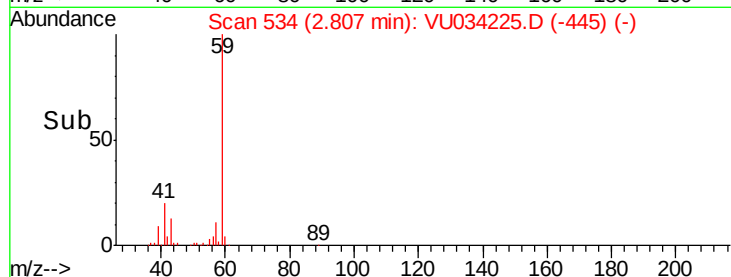
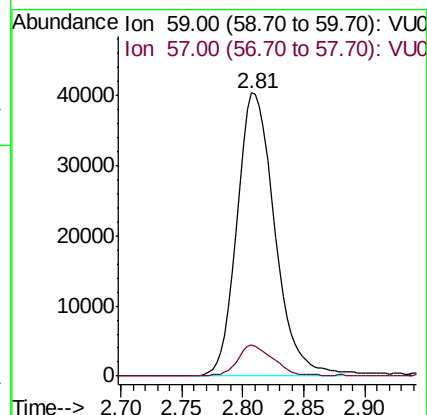
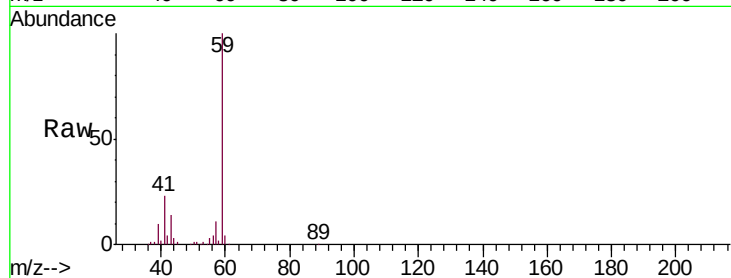


#11

Tert butyl alcohol
 Concen: 77.037 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

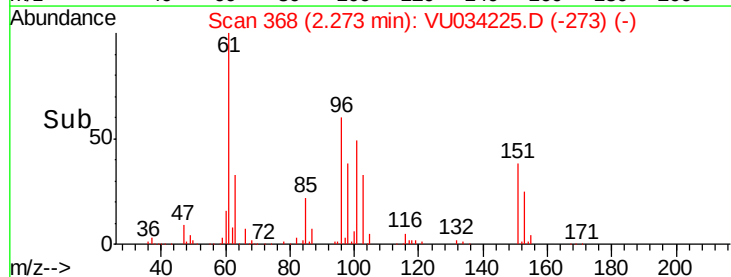
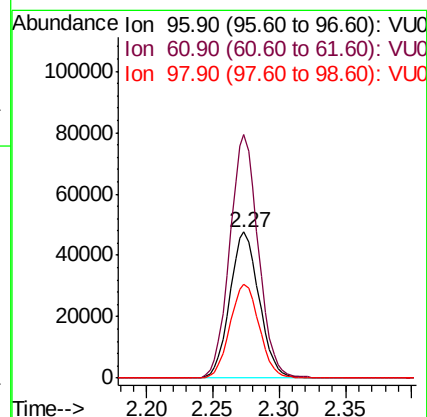
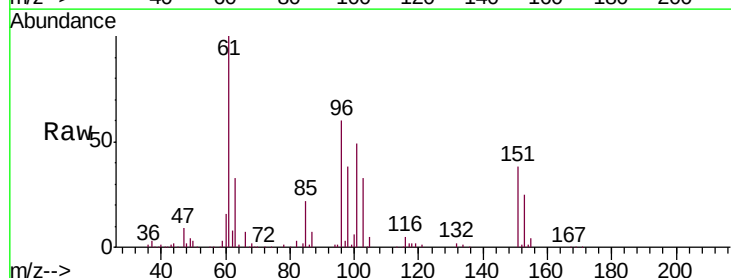
Tgt Ion: 59 Resp: 86722
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.0 12.0

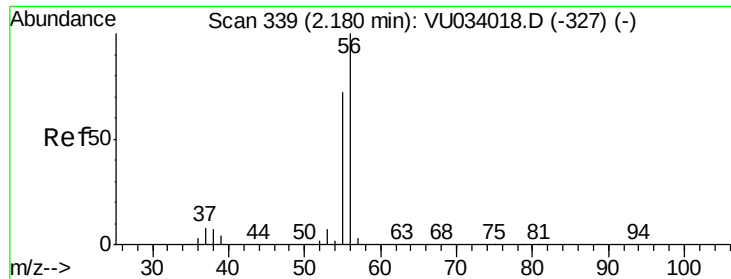


#12

1,1-Dichloroethene
 Concen: 19.242 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 96 Resp: 73388
 Ion Ratio Lower Upper
 96 100
 61 167.1 131.3 196.9
 98 64.3 50.3 75.5

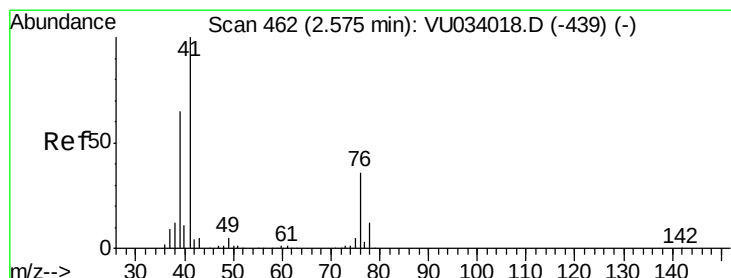
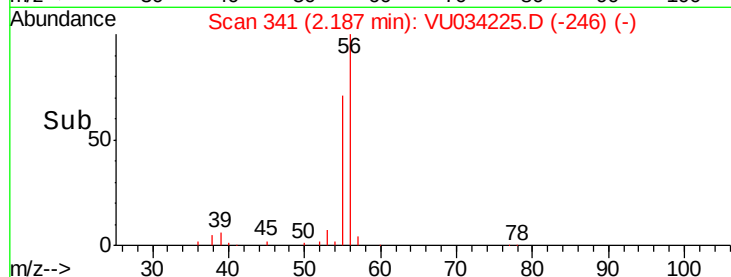
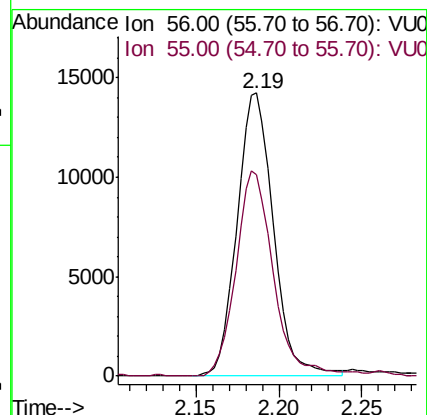
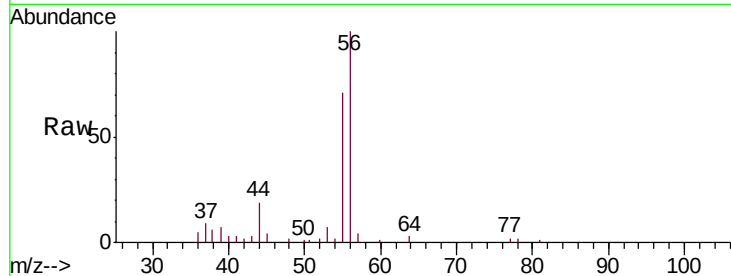




#13
 Acrolein
 Concen: 45.914 ug/l
 RT: 2.19 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

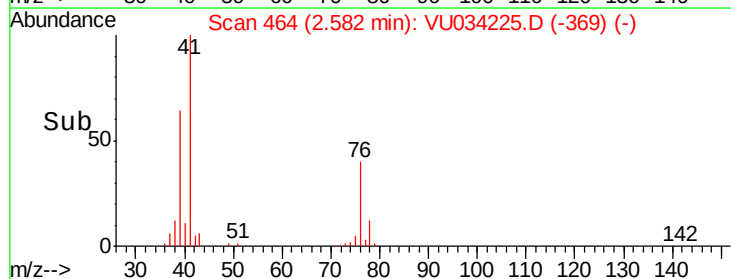
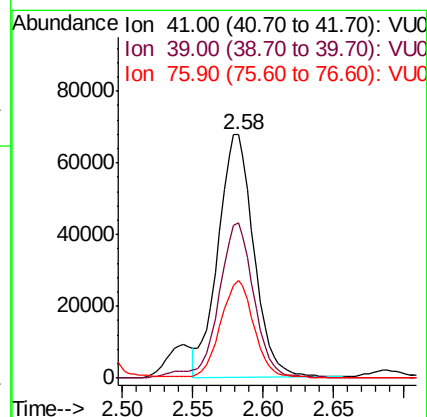
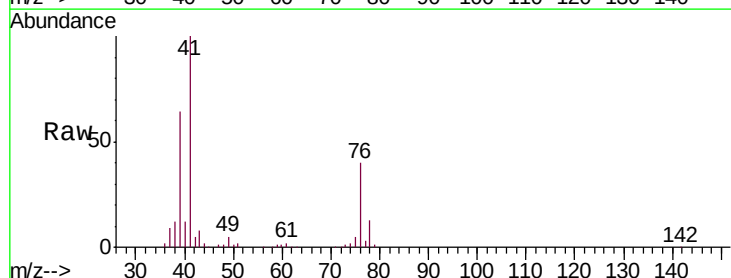
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

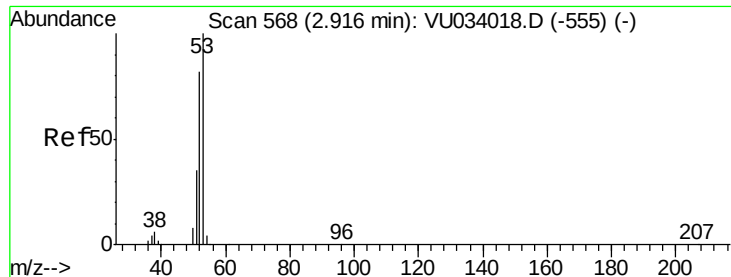
Tgt Ion: 56 Resp: 21743
 Ion Ratio Lower Upper
 56 100
 55 73.8 57.1 85.7



#14
 Allyl chloride
 Concen: 16.690 ug/l
 RT: 2.58 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 41 Resp: 119684
 Ion Ratio Lower Upper
 41 100
 39 63.4 46.8 70.2
 76 37.2 26.6 40.0





#15

Acrylonitrile

Concen: 96.893 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

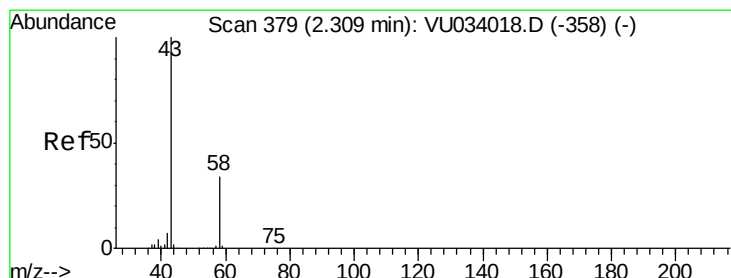
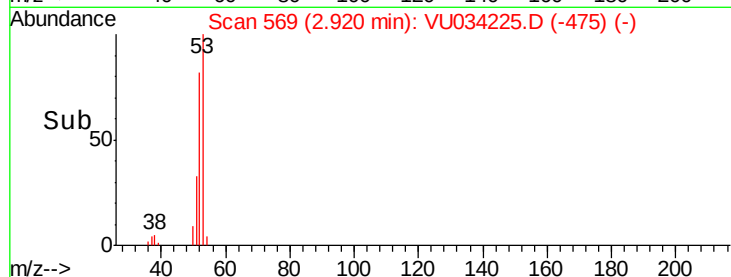
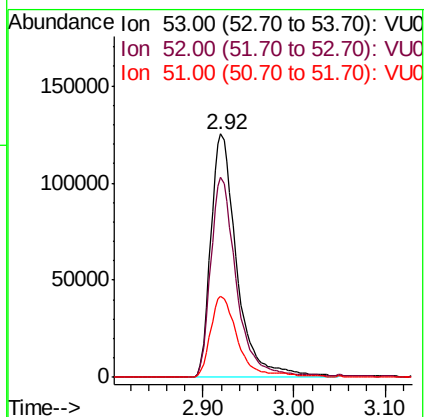
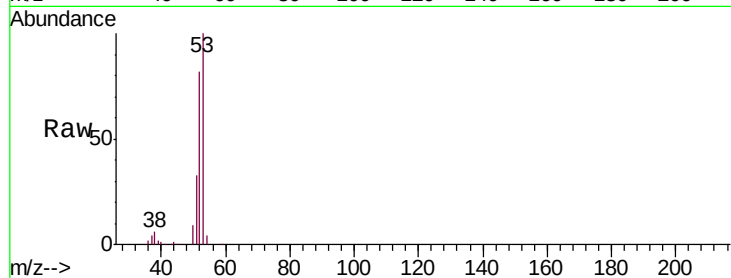
Tgt Ion: 53 Resp: 250290

Ion Ratio Lower Upper

53 100

52 80.6 65.7 98.5

51 35.2 27.9 41.9



#16

Acetone

Concen: 83.043 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034225.D

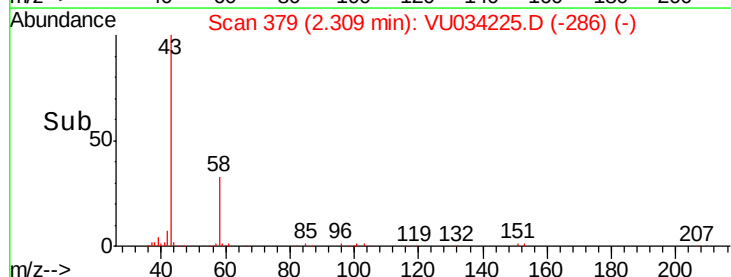
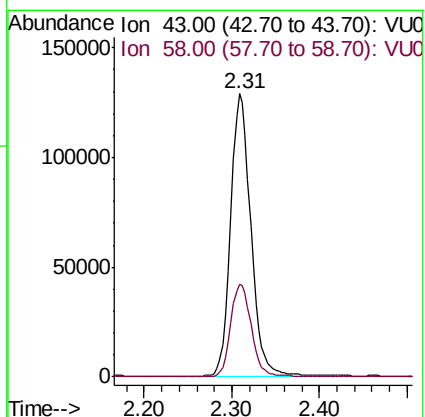
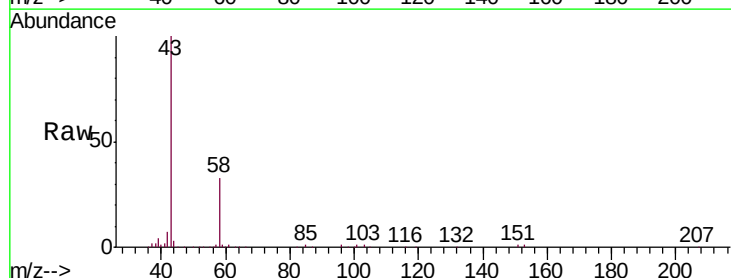
Acq: 03 Sep 2019 14:38

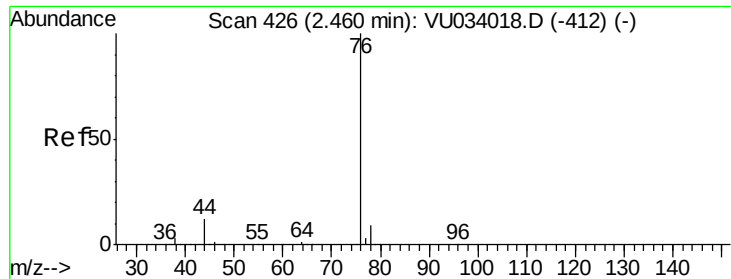
Tgt Ion: 43 Resp: 206844

Ion Ratio Lower Upper

43 100

58 32.7 26.8 40.2

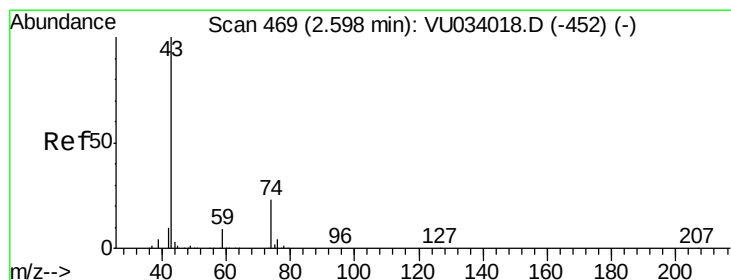
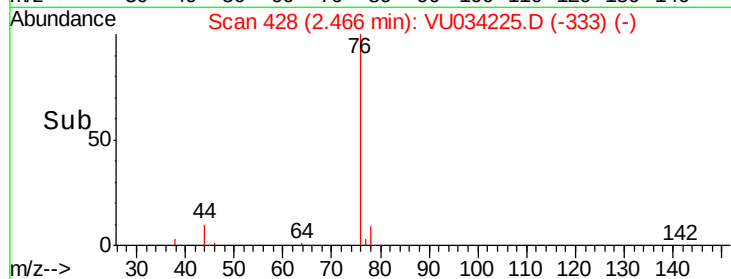
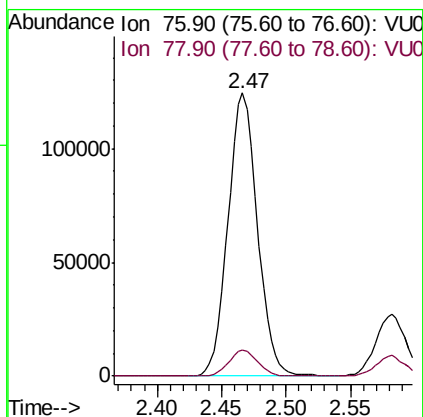
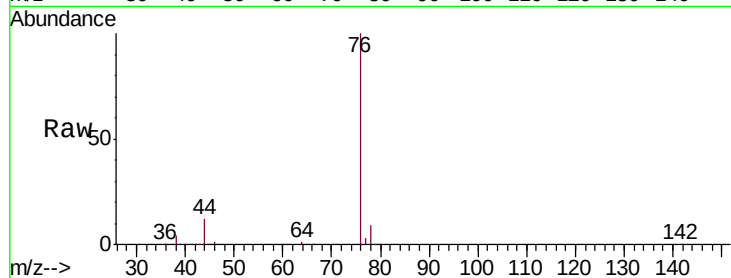




#17
Carbon Disulfide
Concen: 16.387 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

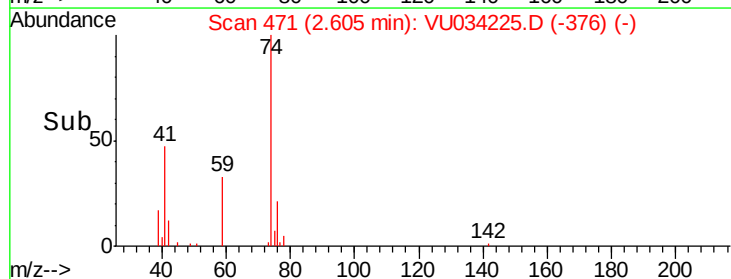
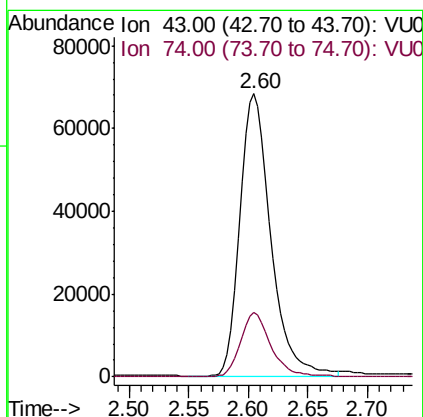
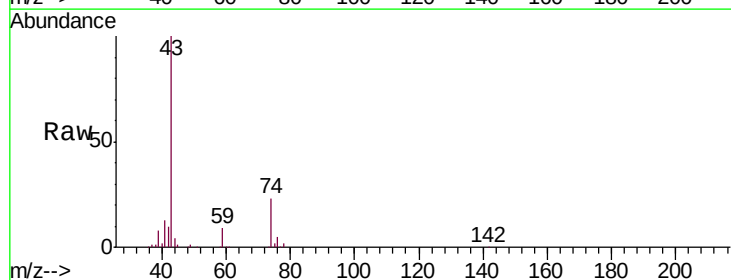
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

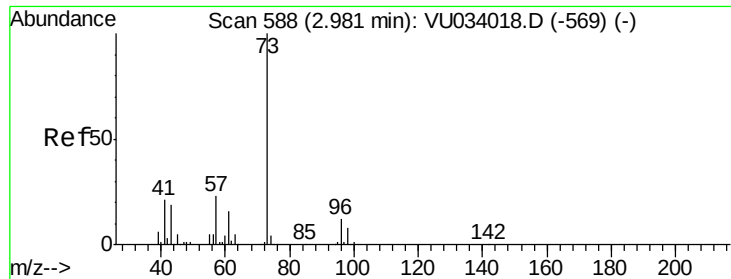
Tgt Ion: 76 Resp: 197808
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 19.076 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 43 Resp: 122784
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8

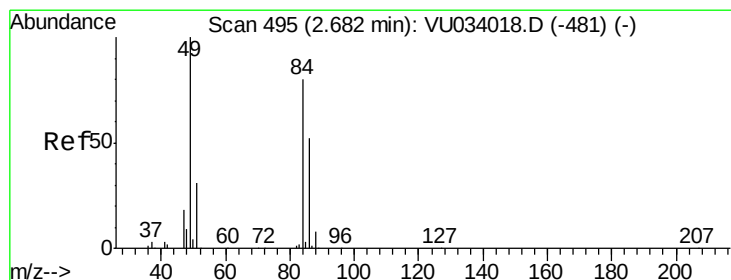
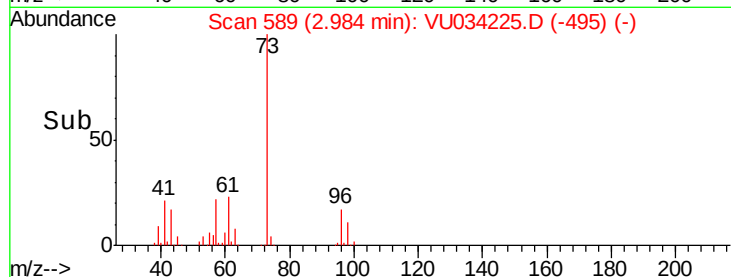
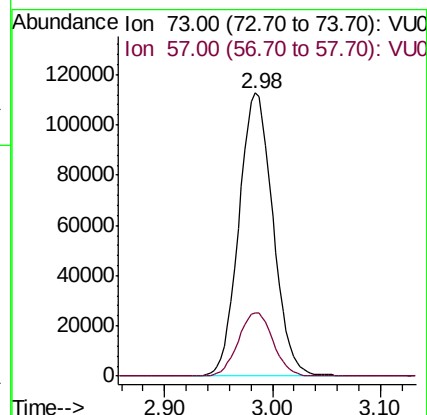
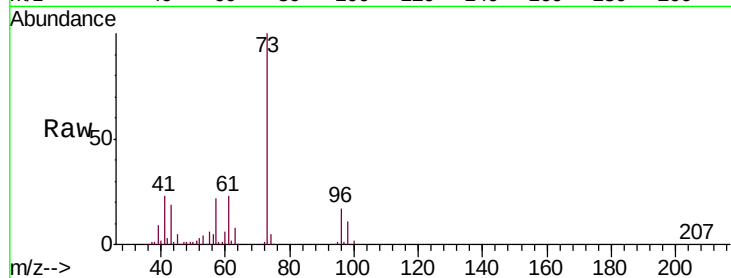




#19
Methyl tert-butyl Ether
Concen: 19.835 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

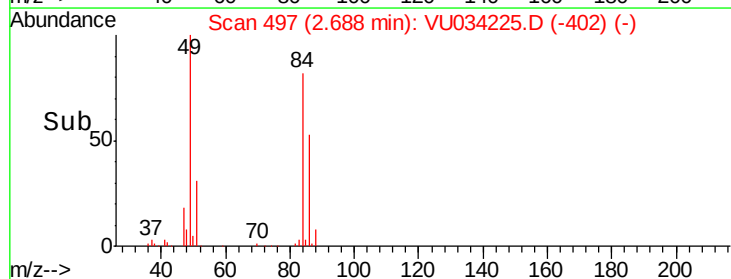
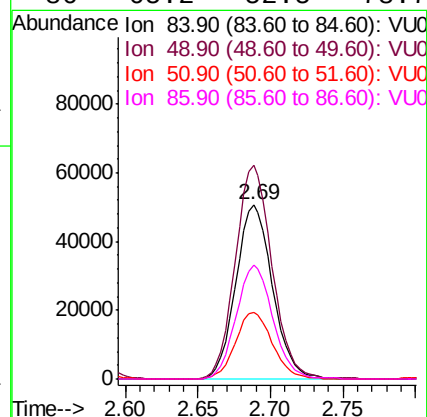
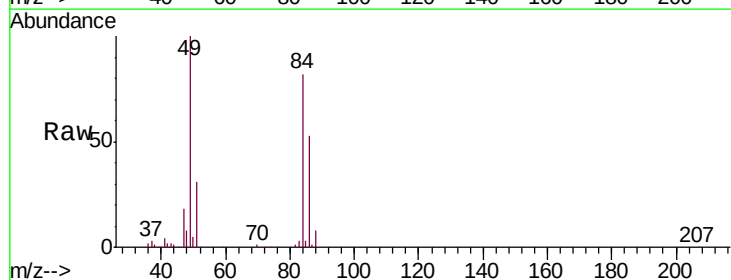
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

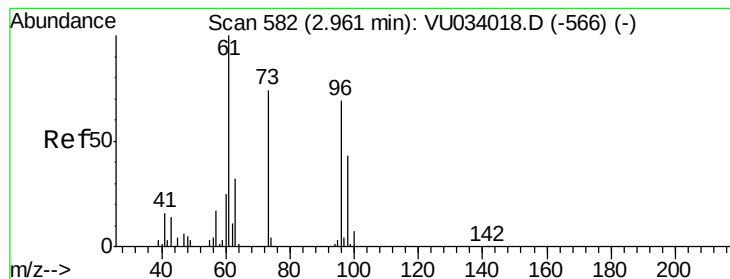
Tgt Ion: 73 Resp: 247869
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 18.920 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 84 Resp: 89216
Ion Ratio Lower Upper
84 100
49 122.7 100.2 150.4
51 38.4 30.8 46.2
86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.340 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

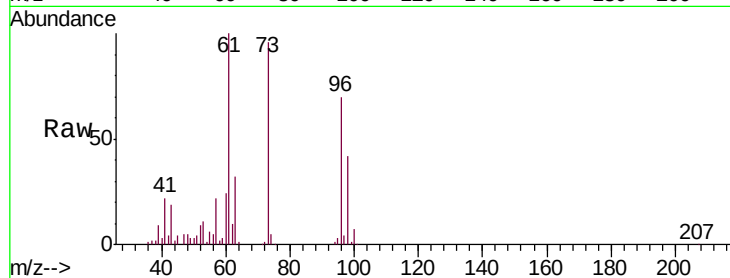
Tgt Ion: 96 Resp: 80054

Ion Ratio Lower Upper

96 100

61 143.7 115.5 173.3

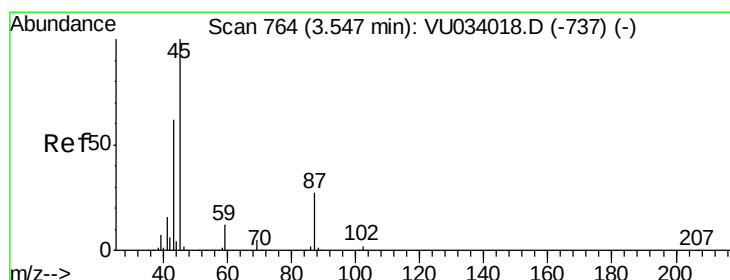
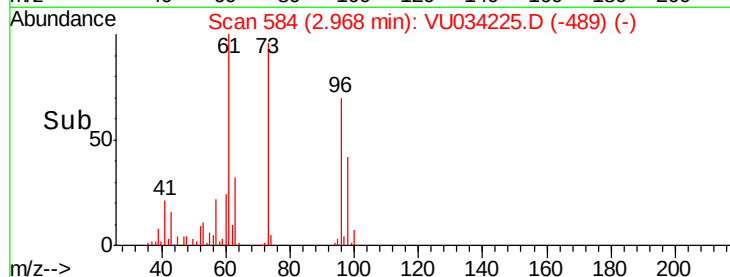
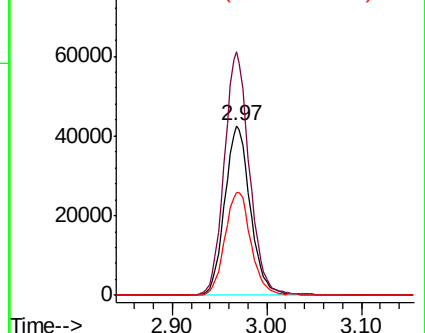
98 60.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-566) (-)



#22

Diisopropyl ether

Concen: 20.317 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Tgt Ion: 45 Resp: 266964

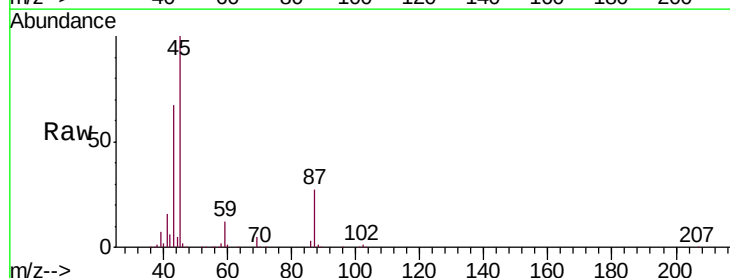
Ion Ratio Lower Upper

45 100

43 65.0 49.7 74.5

87 27.0 21.8 32.8

59 11.7 9.3 13.9

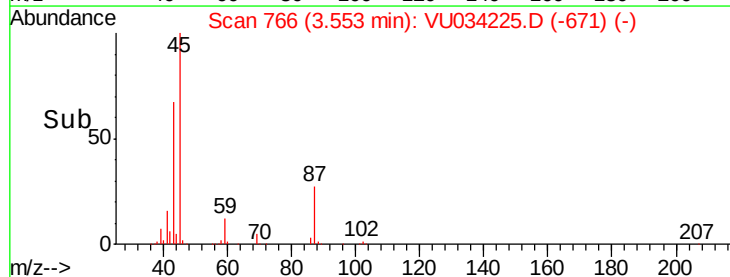
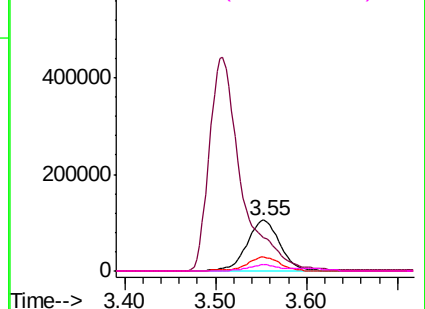


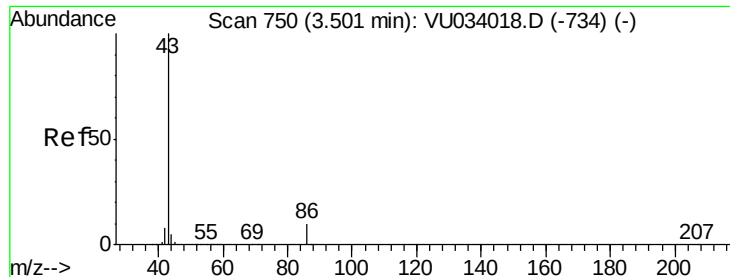
Abundance Ion 45.00 (44.70 to 45.70): VU034018.D (-737) (-)

Ion 43.00 (42.70 to 43.70): VU034018.D (-737) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-737) (-)

Ion 59.00 (58.70 to 59.70): VU034018.D (-737) (-)





#23

Vinyl Acetate

Concen: 96.547 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

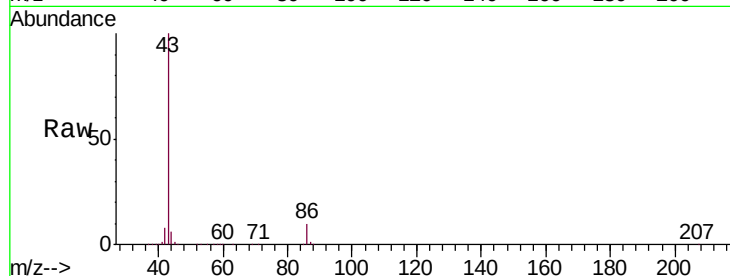
VU0904WBSD01

Tgt Ion: 43 Resp: 1089786

Ion Ratio Lower Upper

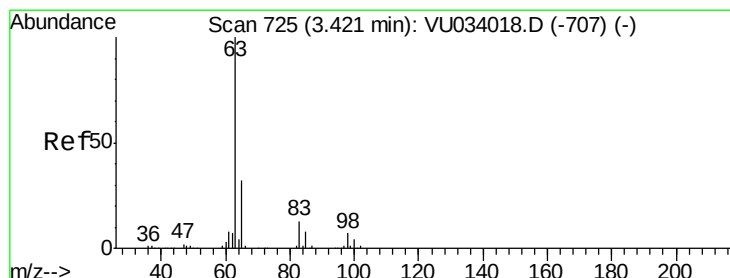
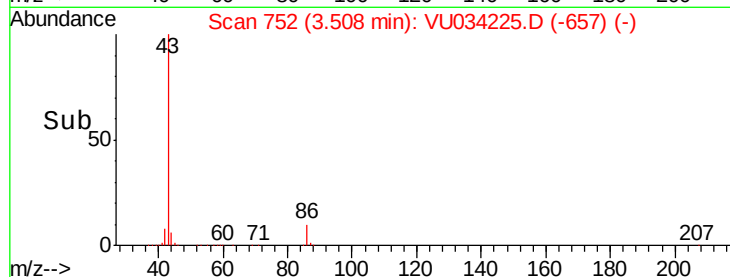
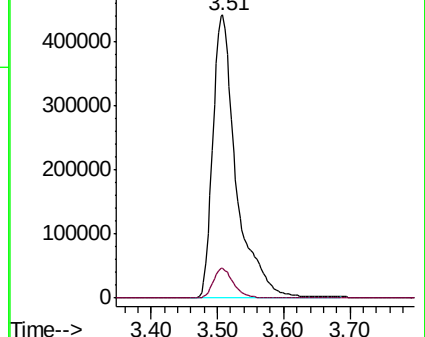
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU034018.D (-734) (-)



#24

1,1-Dichloroethane

Concen: 19.782 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

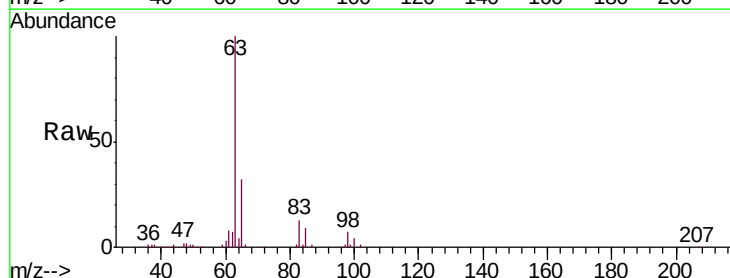
Tgt Ion: 63 Resp: 153464

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

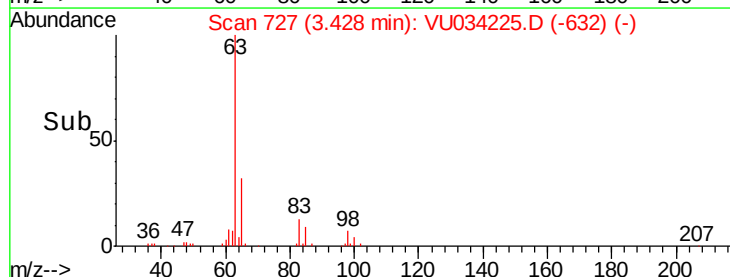
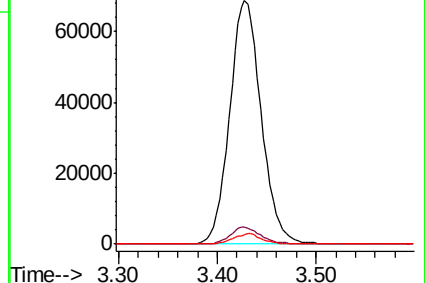
100 3.9 2.0 6.0

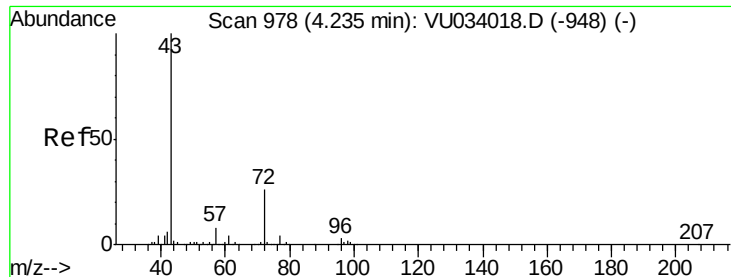


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-707) (-)

Ion 99.90 (99.60 to 100.60): VU034018.D (-707) (-)





#25

2-Butanone

Concen: 92.691 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

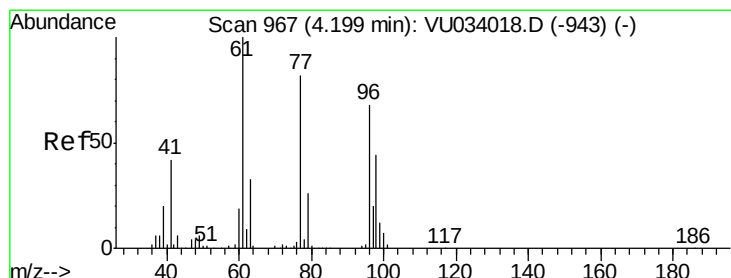
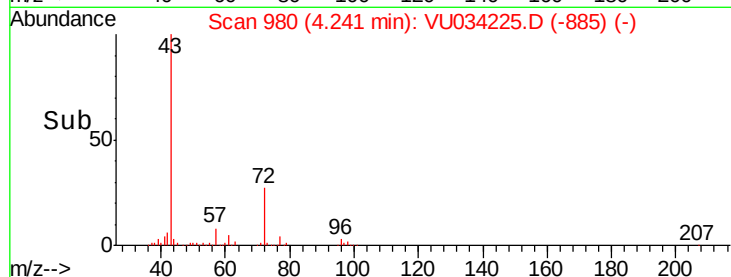
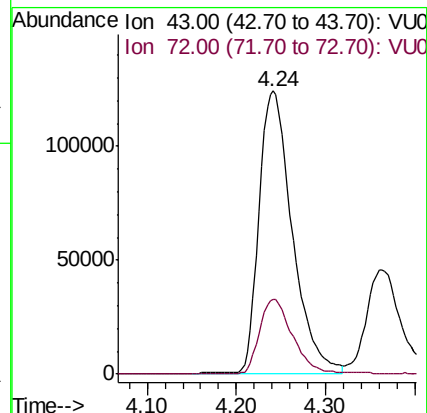
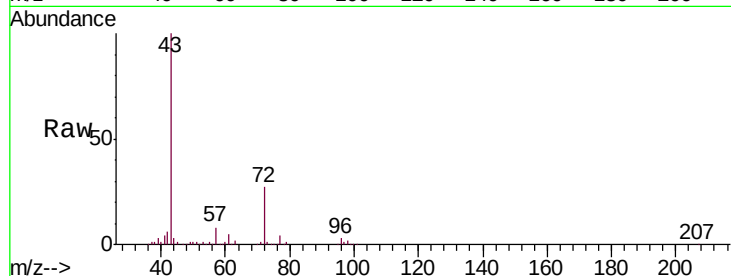
VU0904WBSD01

Tgt Ion: 43 Resp: 321207

Ion Ratio Lower Upper

43 100

72 26.6 21.2 31.8



#26

2,2-Dichloropropane

Concen: 18.036 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034225.D

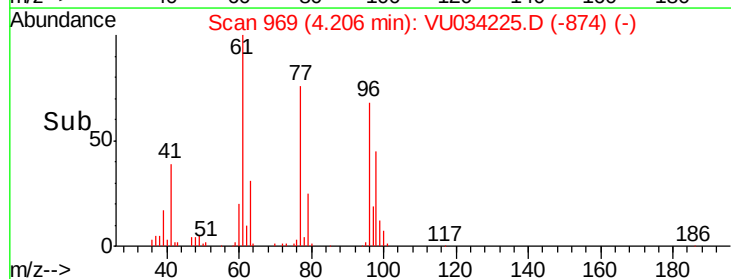
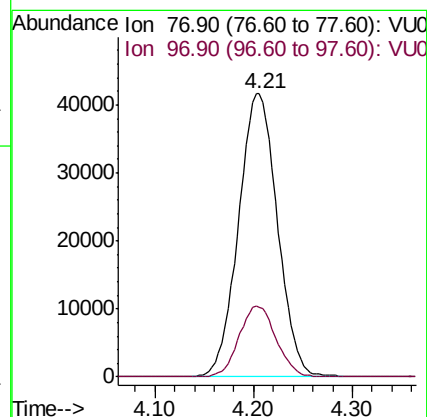
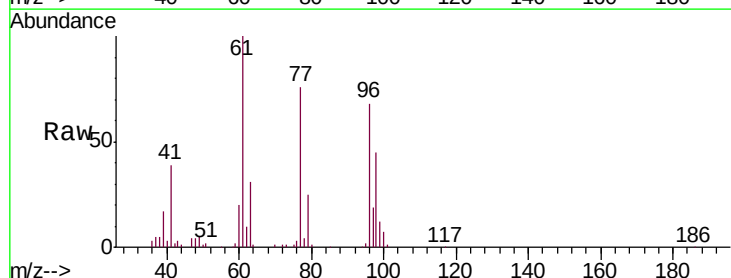
Acq: 03 Sep 2019 14:38

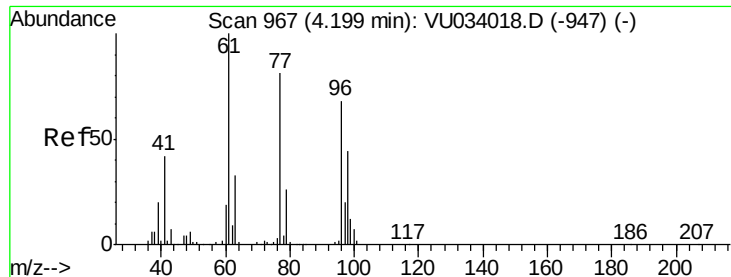
Tgt Ion: 77 Resp: 113854

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.376 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

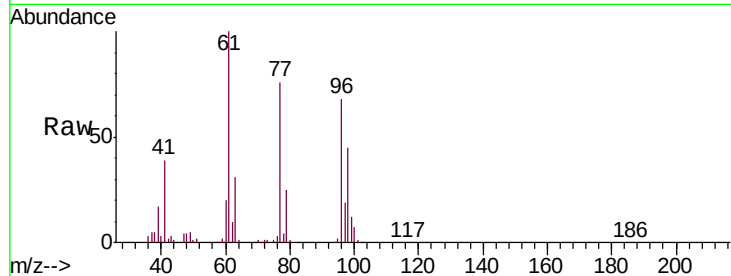
Tgt Ion: 96 Resp: 90018

Ion Ratio Lower Upper

96 100

61 148.3 0.0 303.0

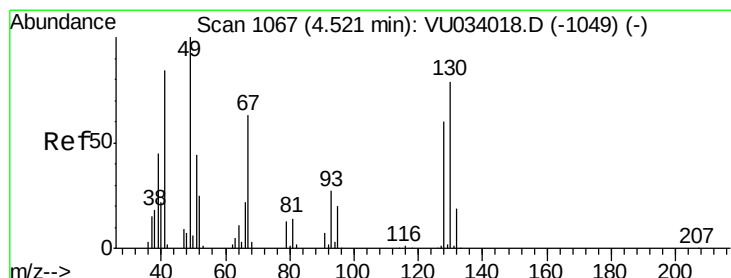
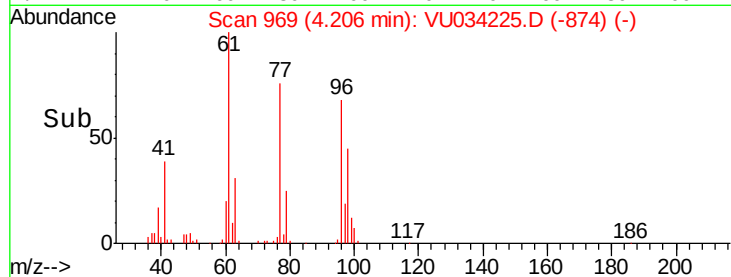
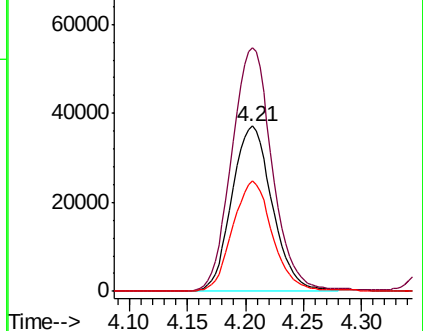
98 65.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VU034225.D (-974) (-)

Ion 60.90 (60.60 to 61.60): VU034225.D (-974) (-)

Ion 97.90 (97.60 to 98.60): VU034225.D (-974) (-)



#28

Bromochloromethane

Concen: 17.940 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

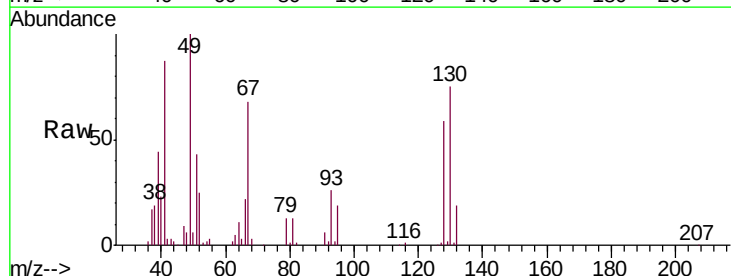
Tgt Ion: 49 Resp: 68566

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

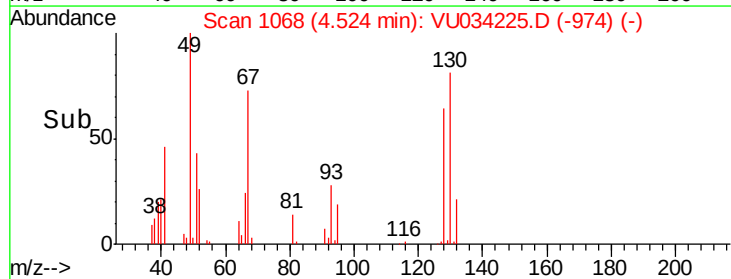
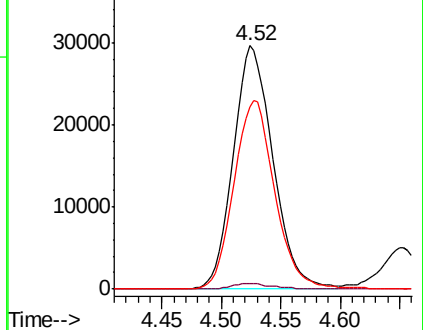
130 79.4 62.8 94.2

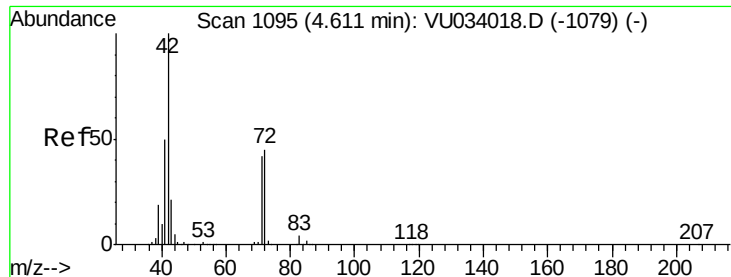


Abundance Ion 48.90 (48.60 to 49.60): VU034225.D (-974) (-)

Ion 128.80 (128.50 to 129.50): VU034225.D (-974) (-)

Ion 129.80 (129.50 to 130.50): VU034225.D (-974) (-)

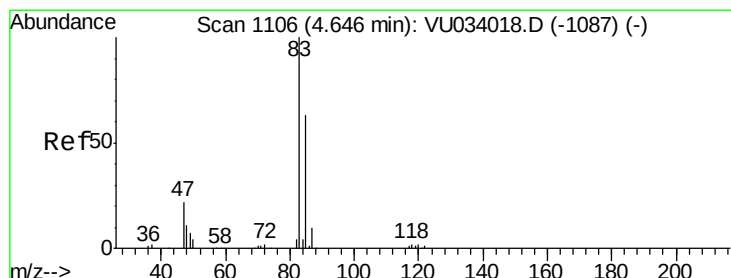
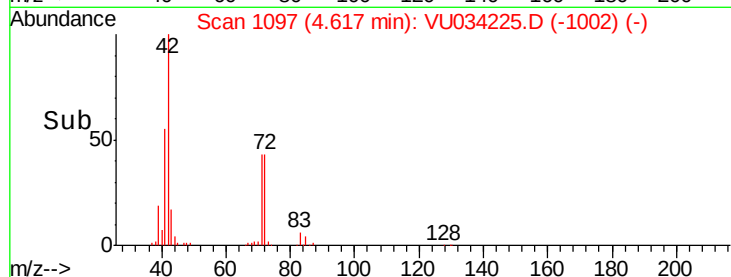
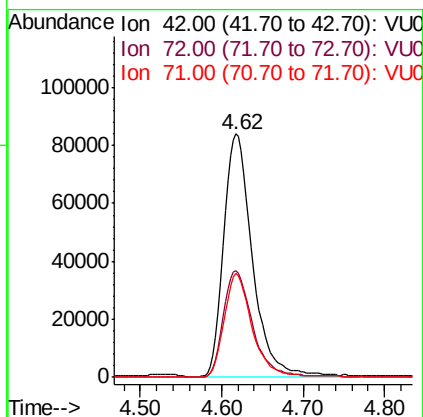
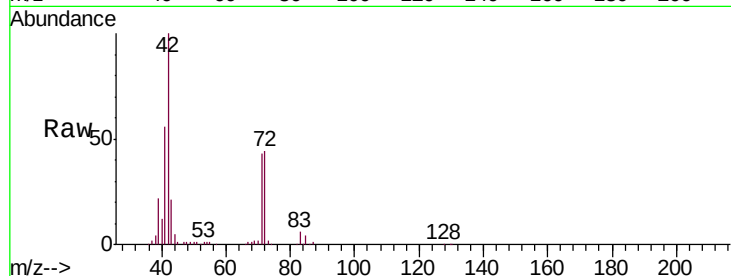




#29
Tetrahydrofuran
Concen: 97.160 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

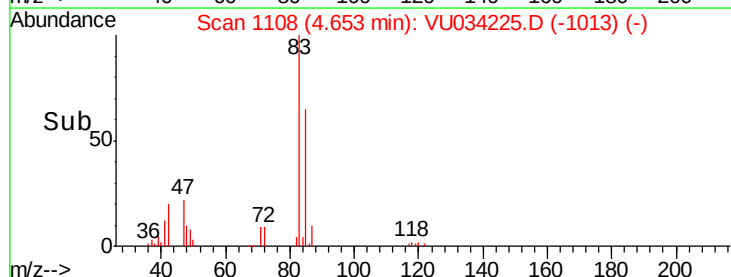
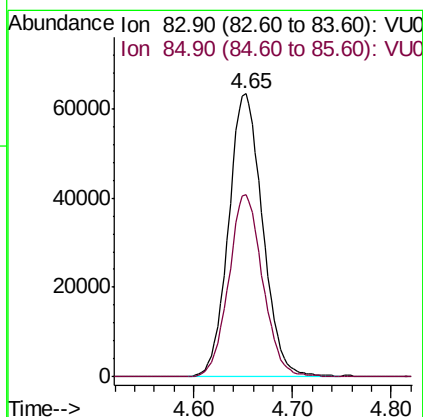
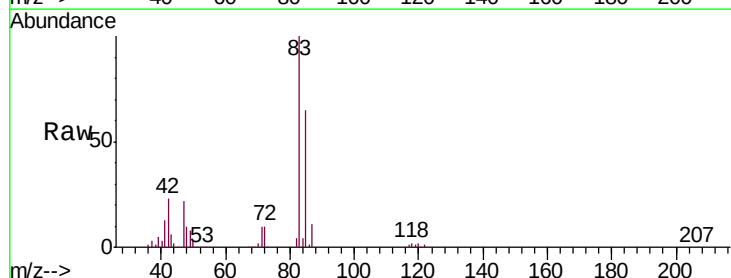
Instrument :
MSVOA_U
ClientSampled :
VU0904WBSD01

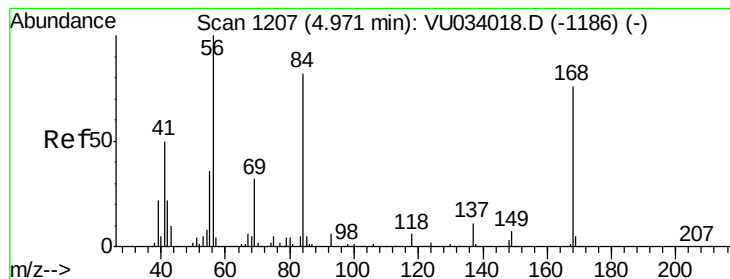
Tgt Ion: 42 Resp: 207638
Ion Ratio Lower Upper
42 100
72 44.8 35.8 53.6
71 41.6 34.0 51.0



#30
Chloroform
Concen: 19.697 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 83 Resp: 152459
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1





#31

Cyclohexane

Concen: 17.725 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

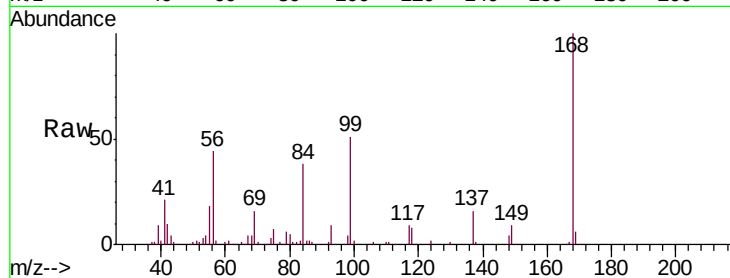
Tgt Ion: 56 Resp: 129210

Ion Ratio Lower Upper

56 100

69 36.4 25.4 38.0

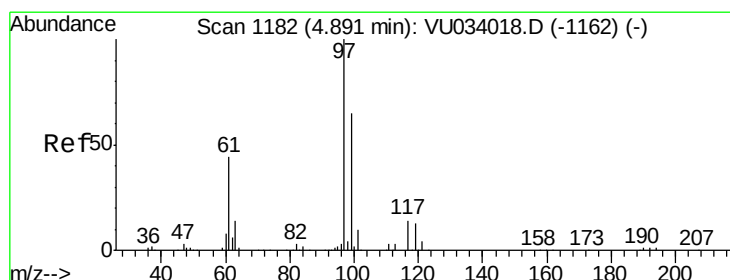
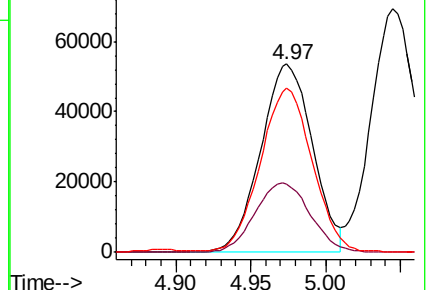
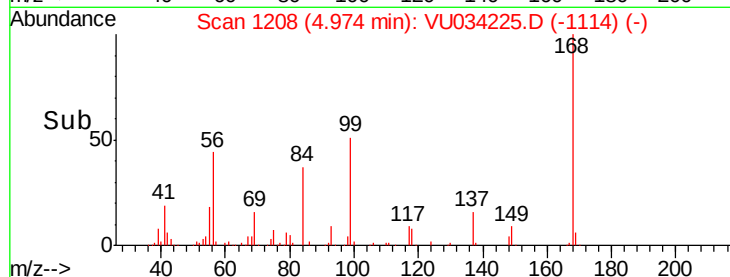
84 86.6 65.8 98.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.602 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

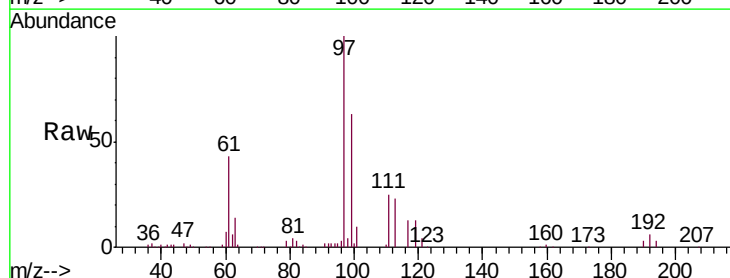
Tgt Ion: 97 Resp: 124262

Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

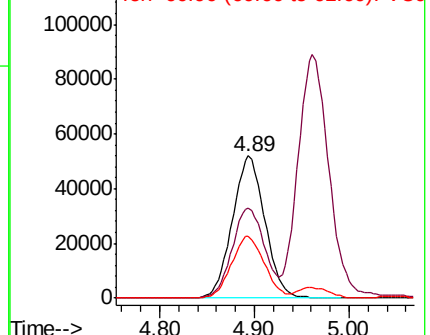
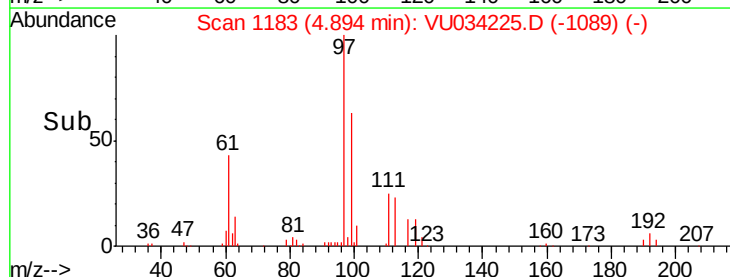
61 43.9 35.3 52.9

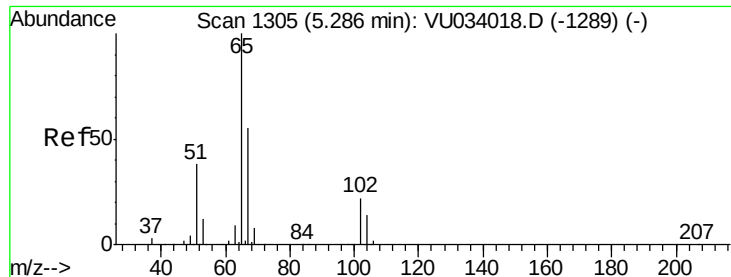


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

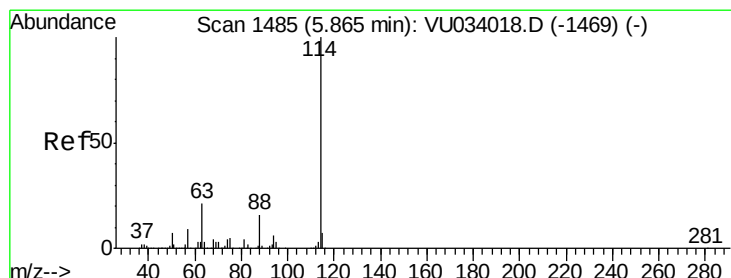
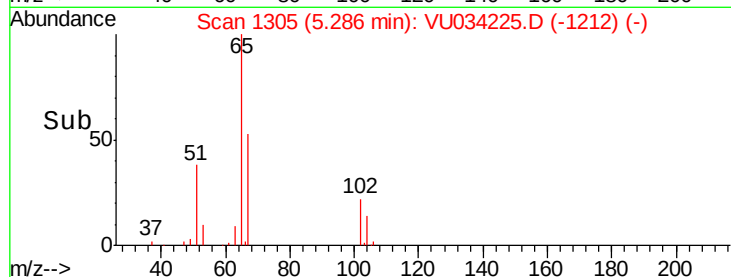
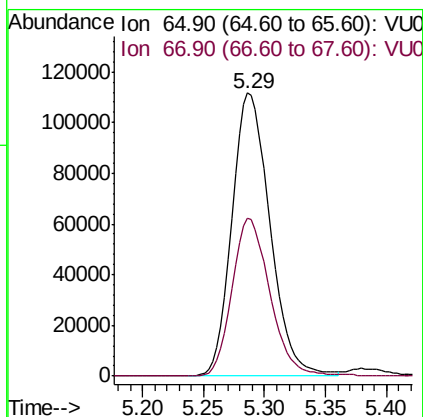
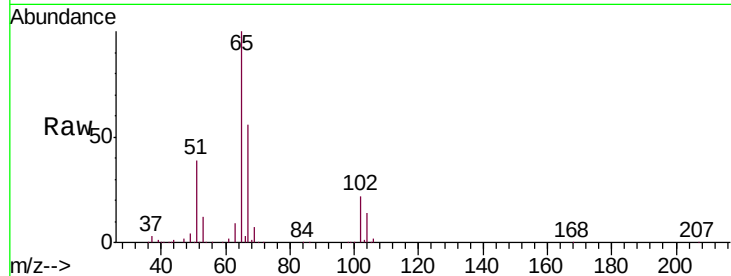




#33
 1,2-Dichloroethane-d4
 Concen: 49.607 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

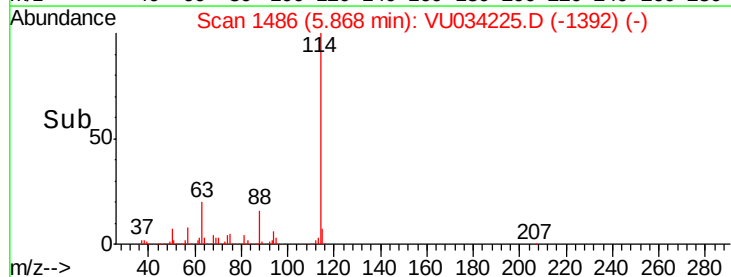
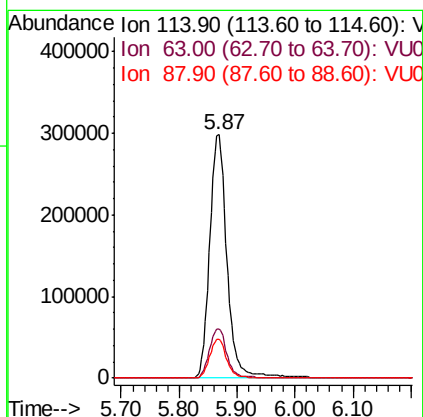
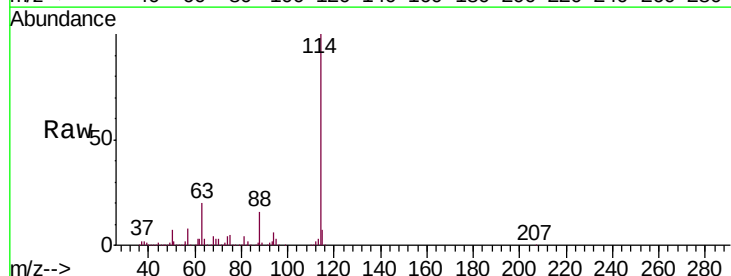
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

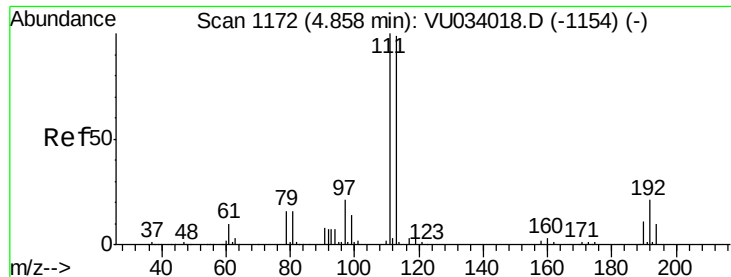
Tgt Ion: 65 Resp: 242161
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 114 Resp: 617701
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.0
 88 16.0 0.0 32.0

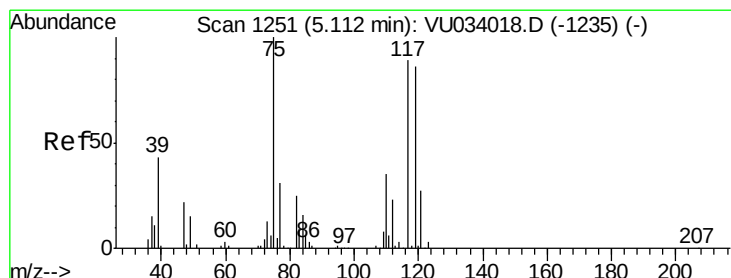
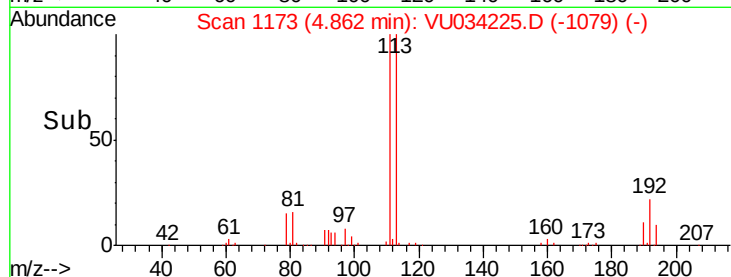
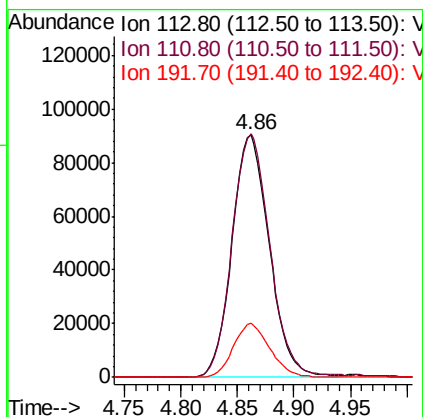
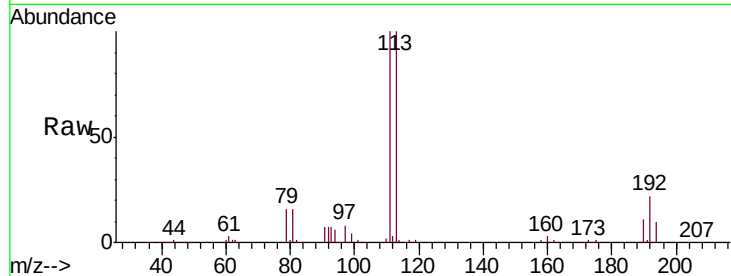




#35
 Dibromofluoromethane
 Concen: 48.537 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

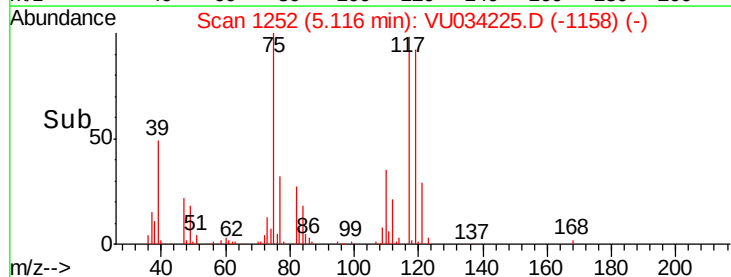
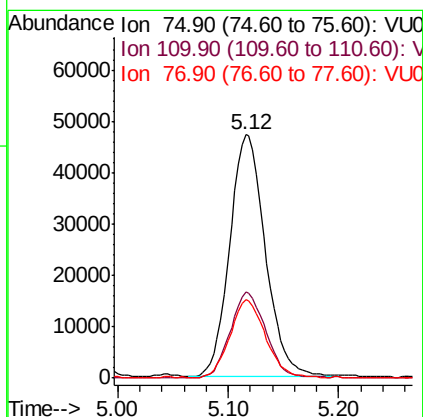
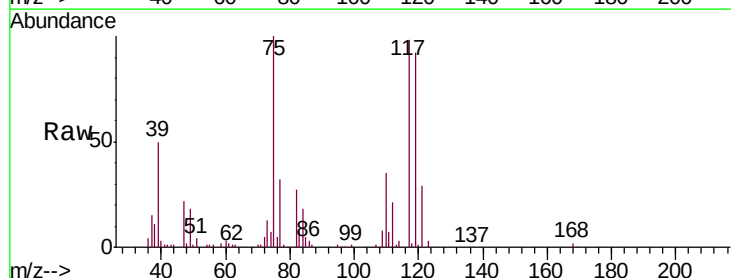
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

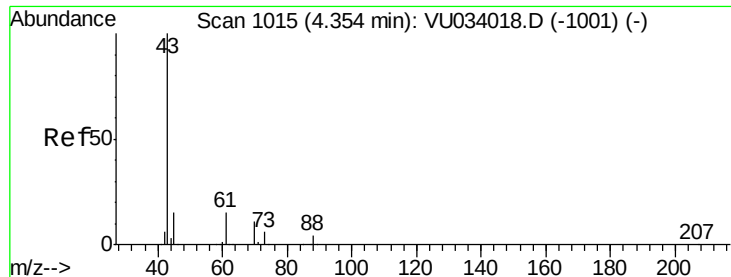
Tgt Ion: 113 Resp: 207948
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 21.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 18.090 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 75 Resp: 105693
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.8 53.5
 77 31.7 25.0 37.4

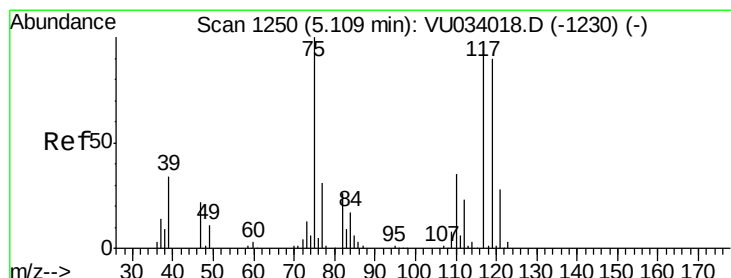
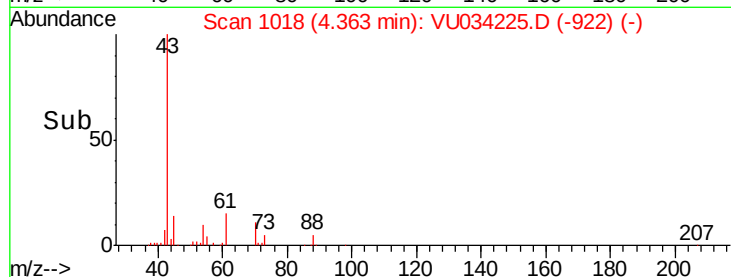
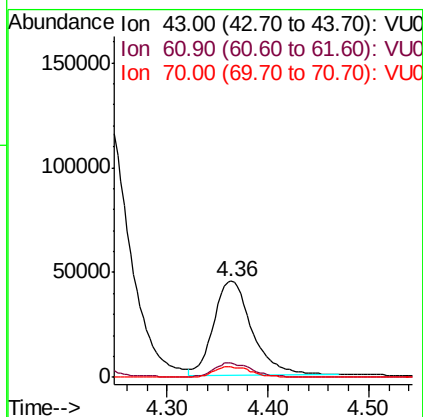
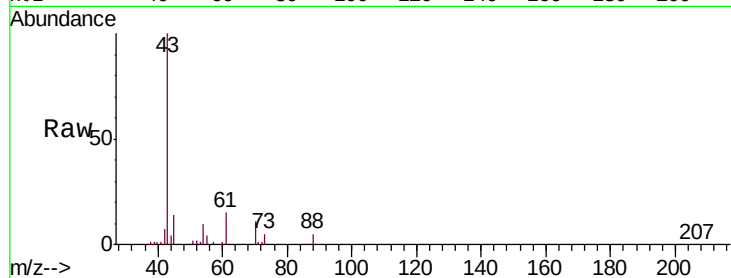




#37
 Ethyl Acetate
 Concen: 18.198 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

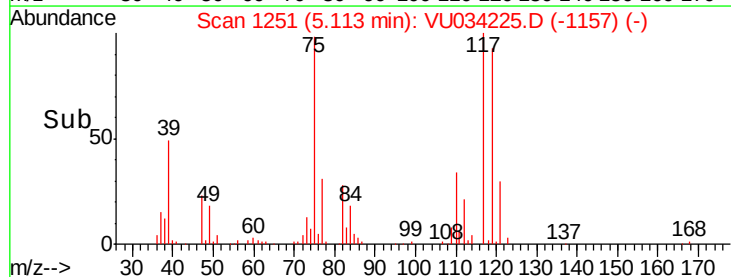
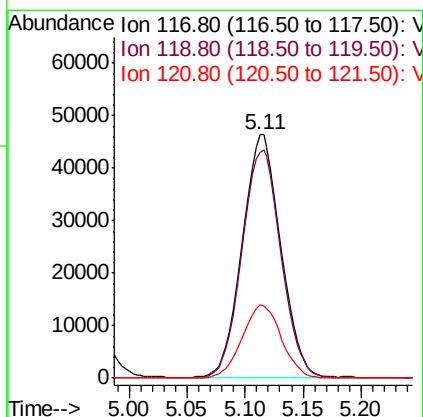
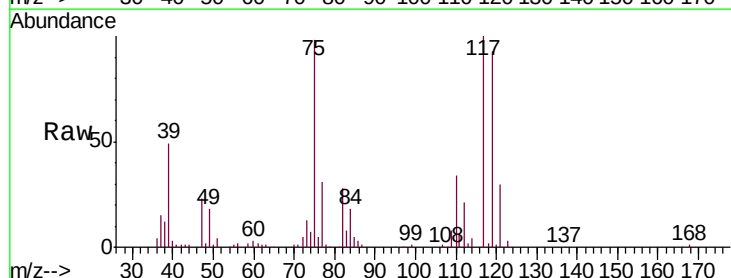
Instrument :
 MSVOA_U
 ClientSampled :
 VU0904WBSD01

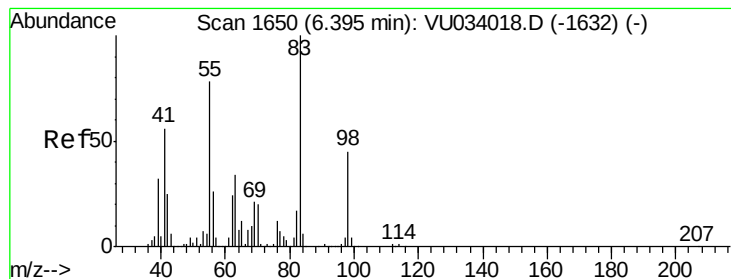
Tgt Ion: 43 Resp: 119066
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.5 17.3
 70 11.0 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 18.845 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 117 Resp: 106279
 Ion Ratio Lower Upper
 117 100
 119 93.2 77.0 115.4
 121 30.0 23.9 35.9





#39

Methylcyclohexane

Concen: 17.451 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

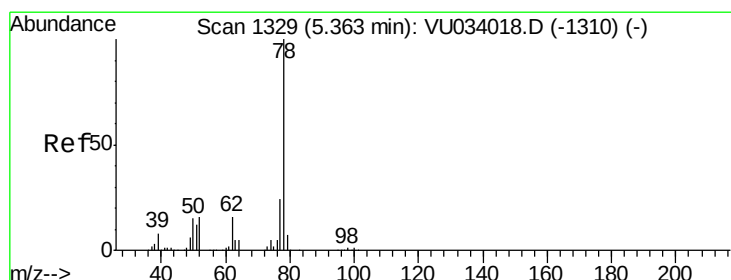
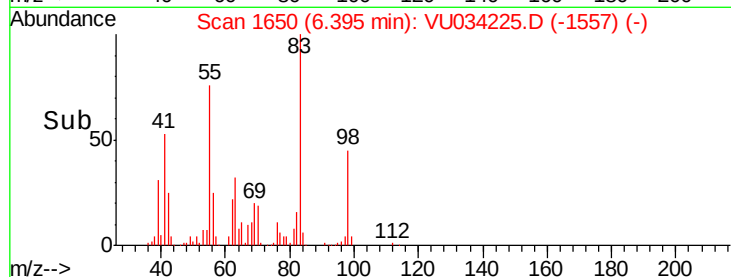
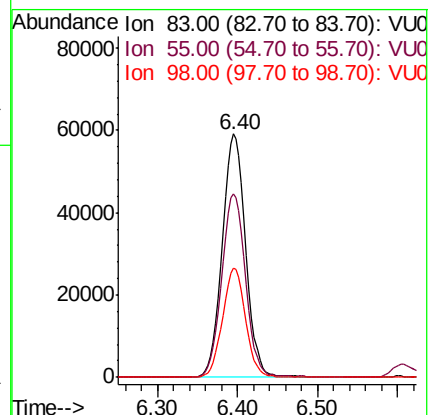
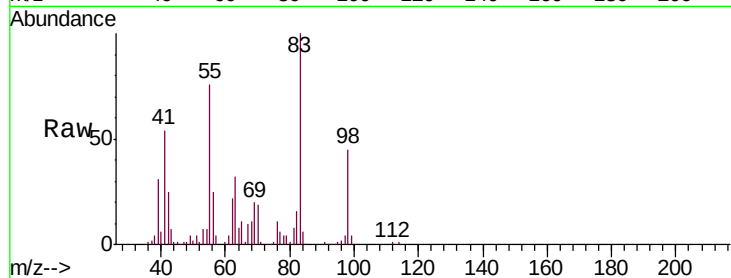
Tgt Ion: 83 Resp: 120176

Ion Ratio Lower Upper

83 100

55 75.5 62.3 93.5

98 44.6 36.2 54.2



#40

Benzene

Concen: 19.098 ug/l

RT: 5.37 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VU034225.D

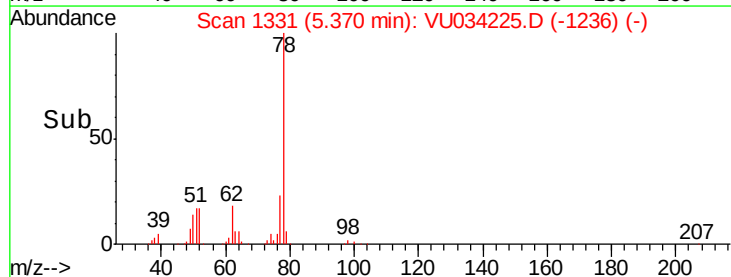
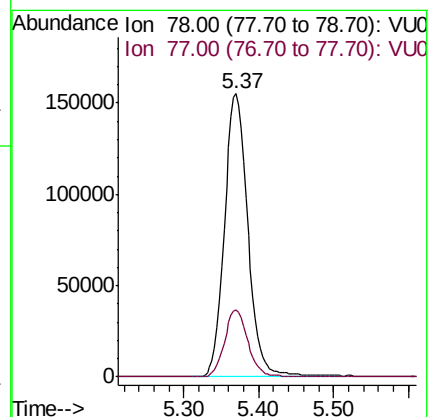
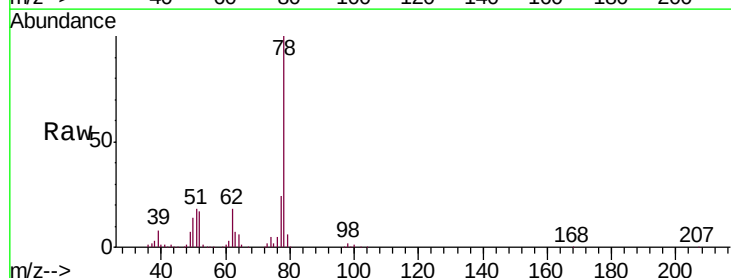
Acq: 03 Sep 2019 14:38

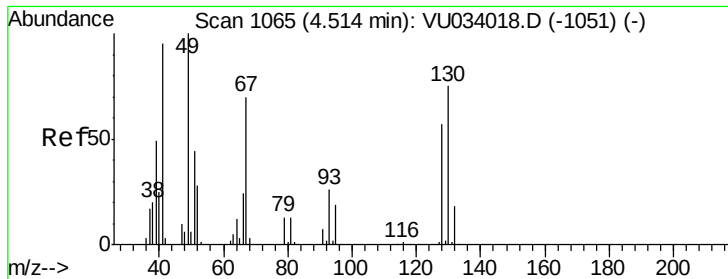
Tgt Ion: 78 Resp: 337607

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

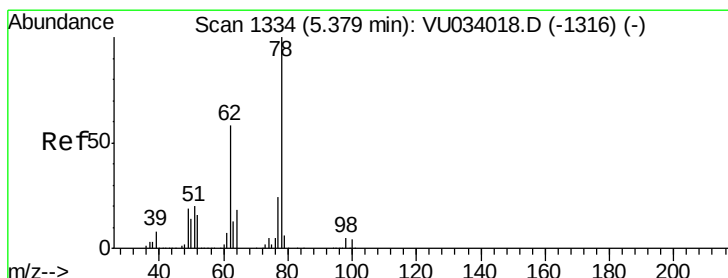
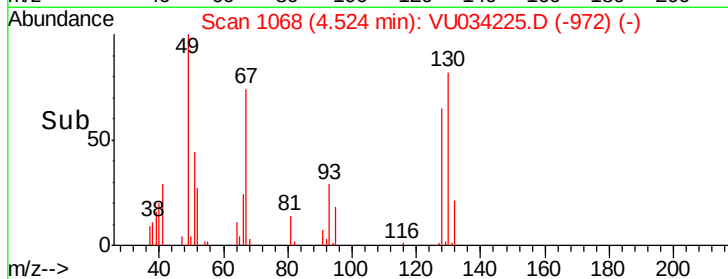
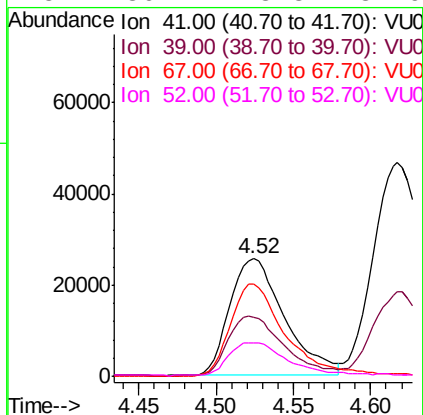
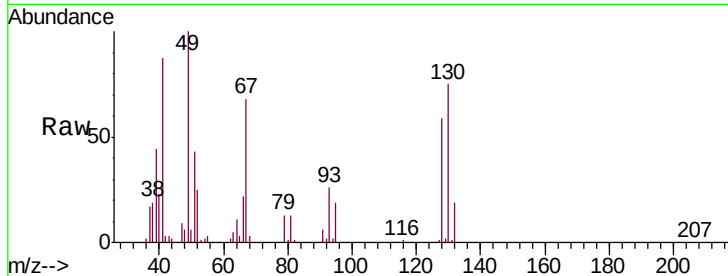




#41
Methacrylonitrile
Concen: 18.845 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

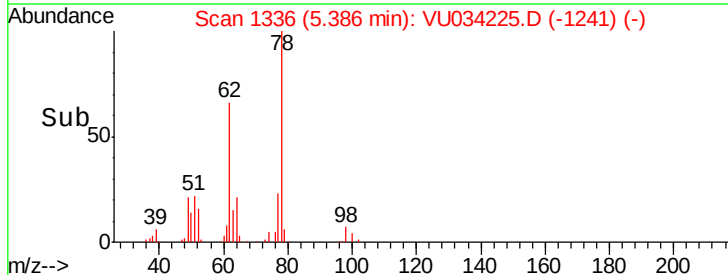
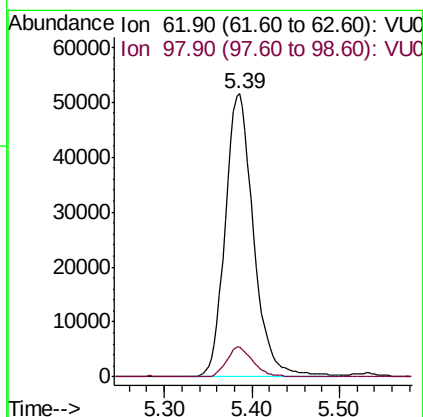
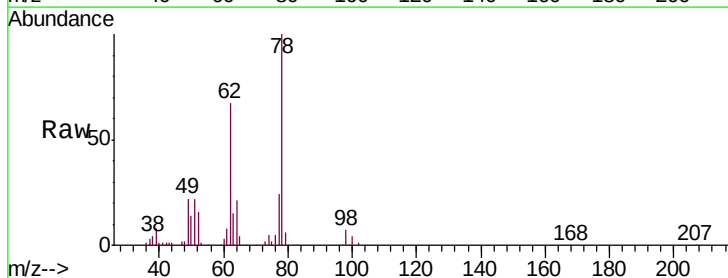
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

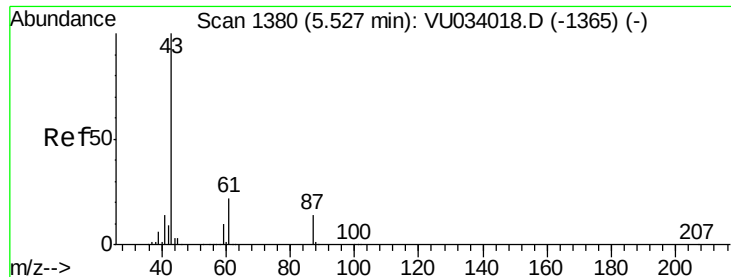
Tgt Ion:	41	Resp:	63234
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.1	63.1
67	79.8	61.0	91.4
52	30.4	23.3	34.9



#42
1,2-Dichloroethane
Concen: 19.005 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion:	62	Resp:	116012
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.287 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

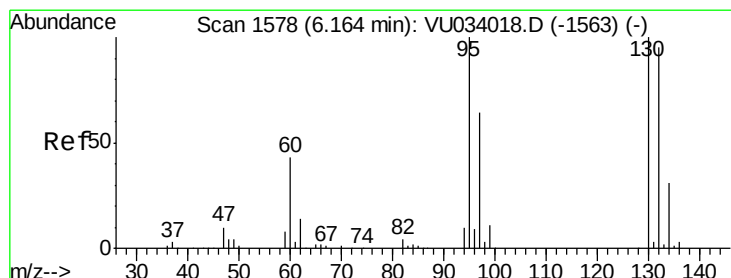
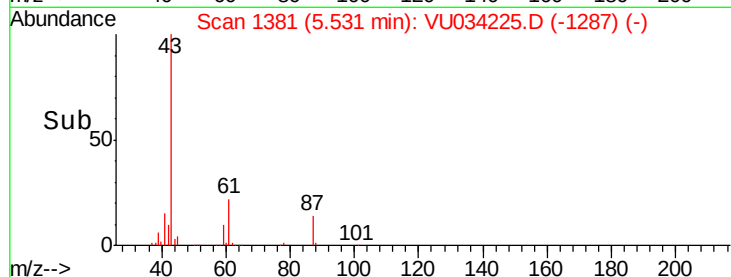
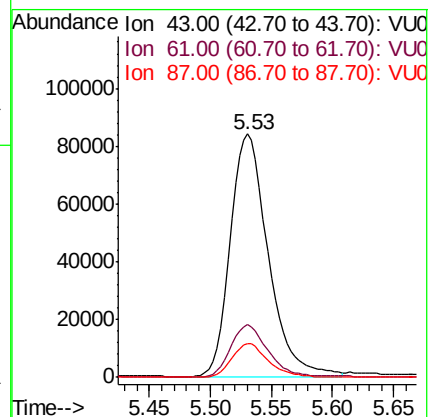
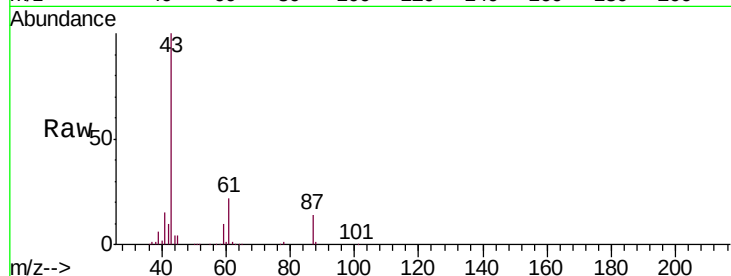
Tgt Ion: 43 Resp: 182023

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

87 13.5 10.8 16.2



#44

Trichloroethene

Concen: 19.491 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034225.D

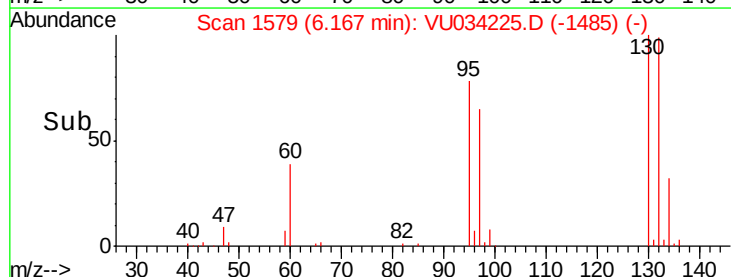
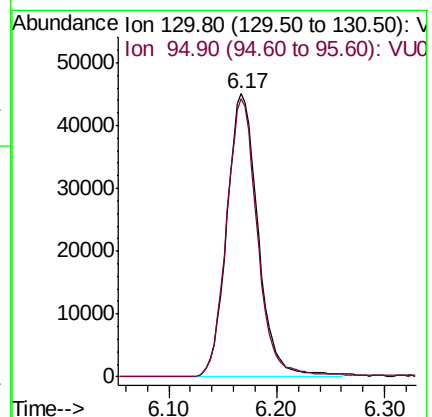
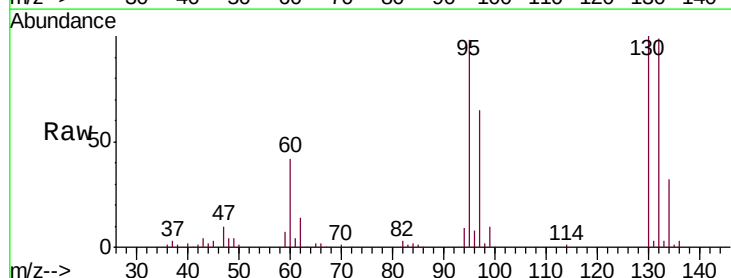
Acq: 03 Sep 2019 14:38

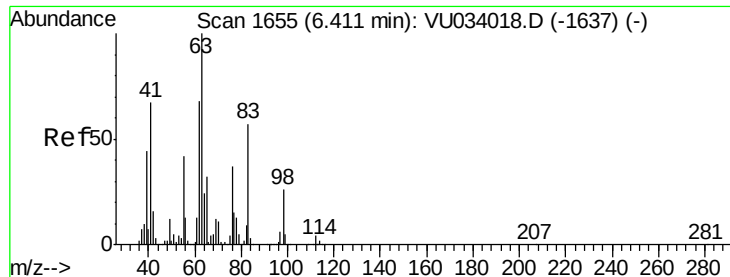
Tgt Ion: 130 Resp: 90479

Ion Ratio Lower Upper

130 100

95 98.1 0.0 199.6

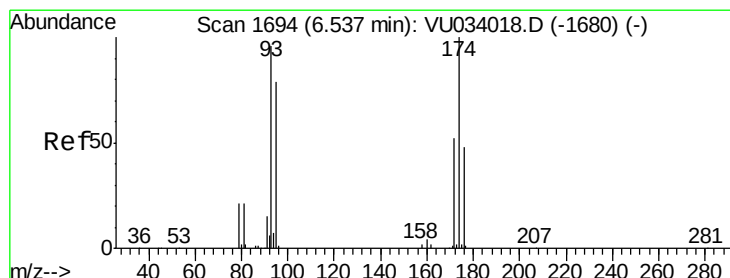
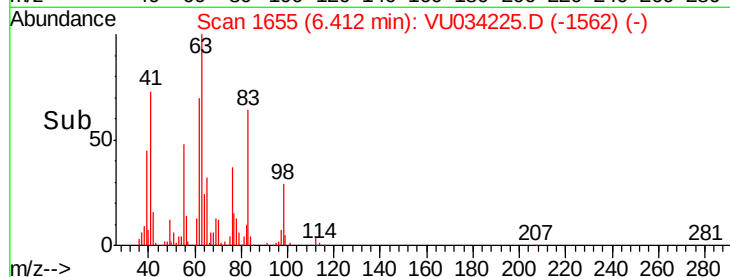
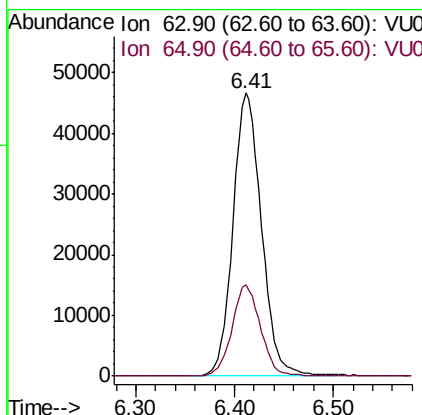
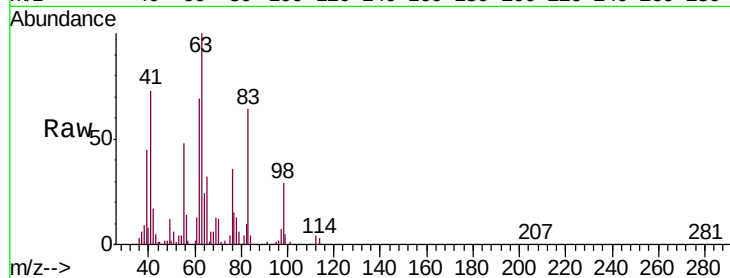




#45
 1,2-Dichloropropane
 Concen: 19.270 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

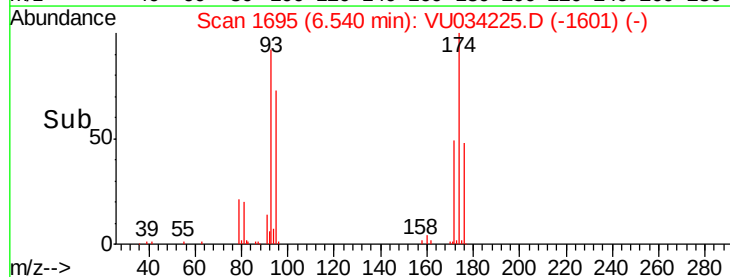
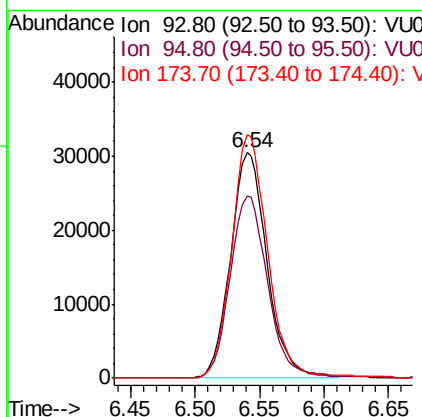
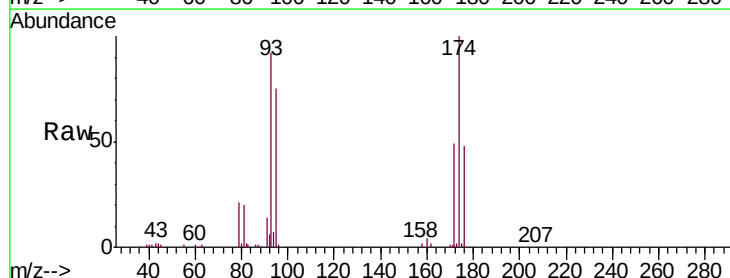
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

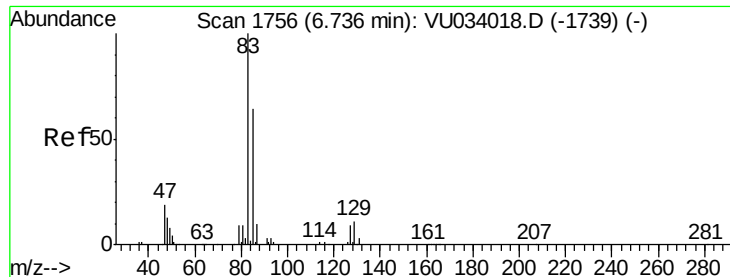
Tgt Ion: 63 Resp: 93772
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2



#46
 Dibromomethane
 Concen: 19.122 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 93 Resp: 59948
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 105.6 84.9 127.3





#47

Bromodichloromethane

Concen: 19.040 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

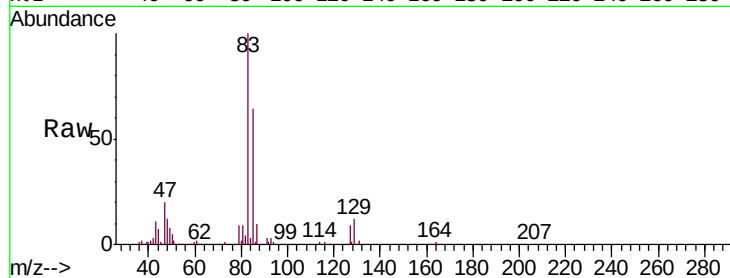
Tgt Ion: 83 Resp: 116787

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

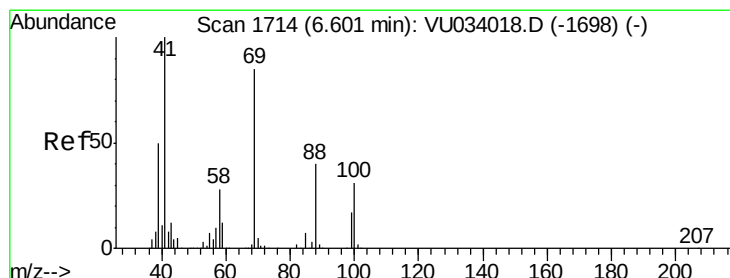
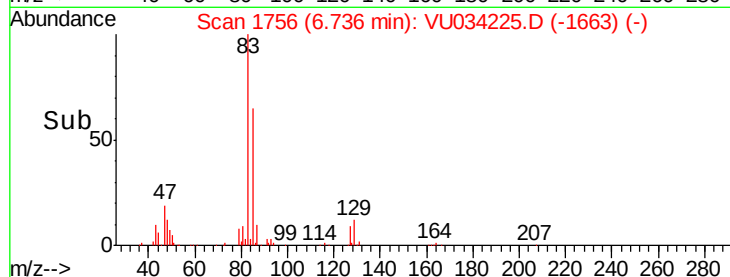
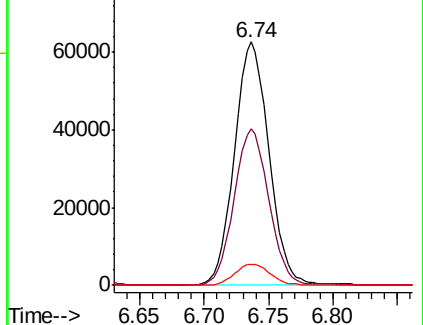
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034018.D (-1739) (-)

Ion 84.90 (84.60 to 85.60): VU034018.D (-1739) (-)

Ion 126.80 (126.50 to 127.50): VU034018.D (-1739) (-)



#48

Methyl methacrylate

Concen: 17.982 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

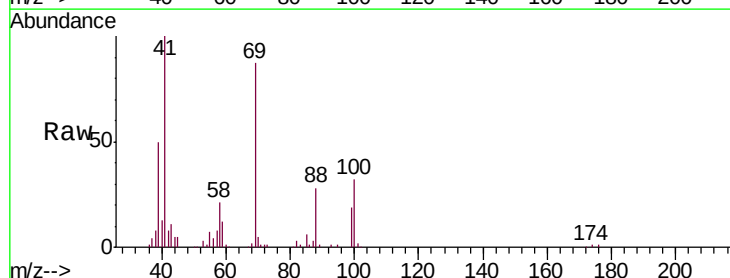
Tgt Ion: 41 Resp: 86373

Ion Ratio Lower Upper

41 100

69 89.6 69.5 104.3

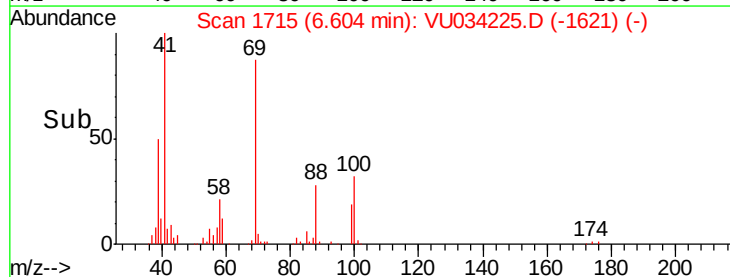
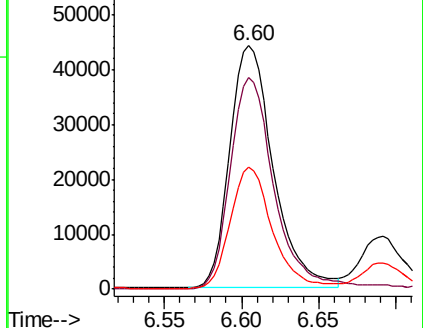
39 48.4 40.3 60.5

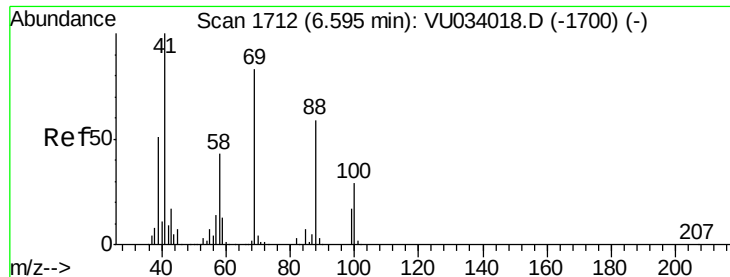


Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-1698) (-)

Ion 69.00 (68.70 to 69.70): VU034018.D (-1698) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1698) (-)





#49

1,4-Dioxane

Concen: 267.692 ug/l

RT: 6.59 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

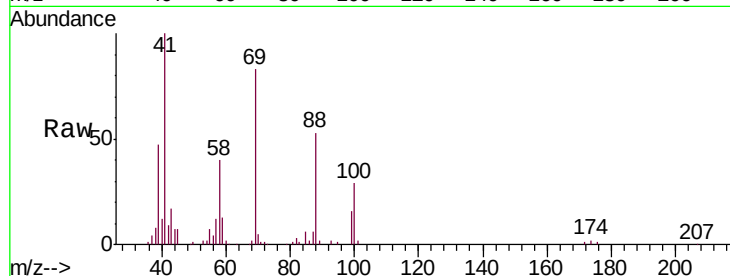
Tgt Ion: 88 Resp: 32216

Ion Ratio Lower Upper

88 100

43 32.5 24.8 37.2

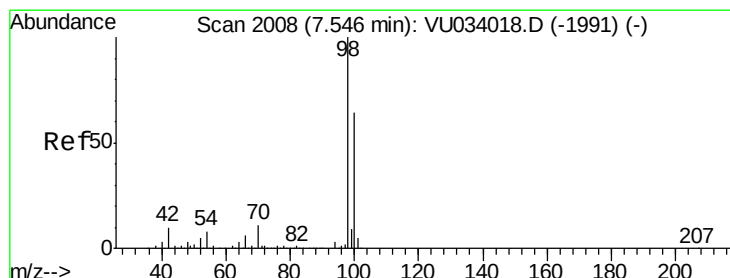
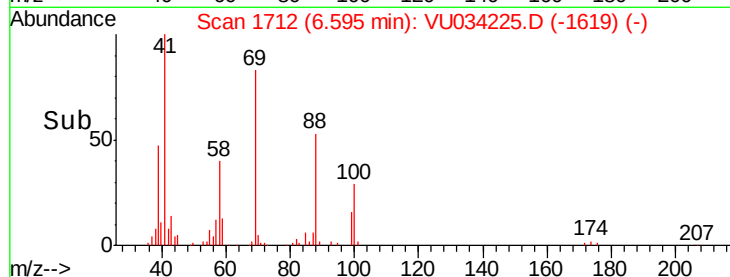
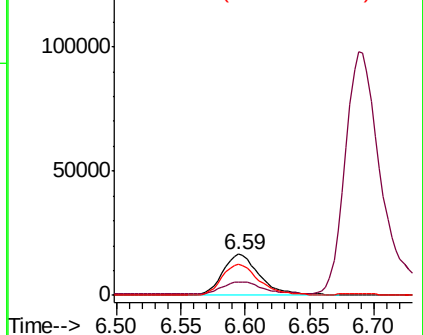
58 78.3 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VU034018.D (-1700) (-)

Ion 43.00 (42.70 to 43.70): VU034018.D (-1700) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1700) (-)



#50

Toluene-d8

Concen: 49.385 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034225.D

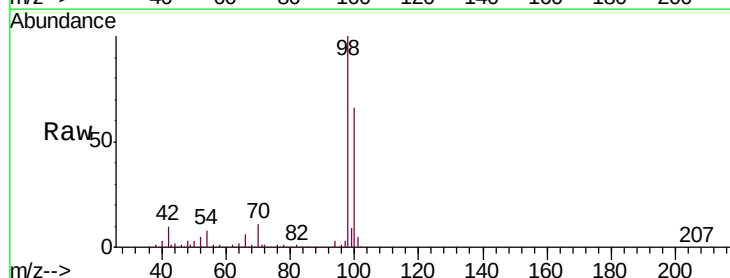
Acq: 03 Sep 2019 14:38

Tgt Ion: 98 Resp: 792245

Ion Ratio Lower Upper

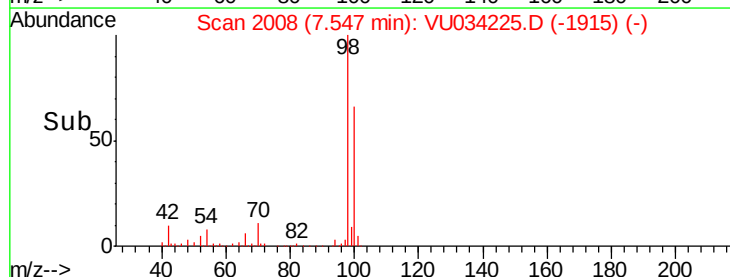
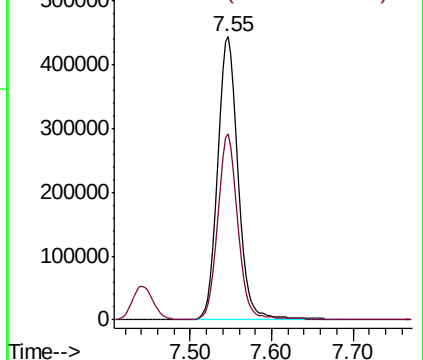
98 100

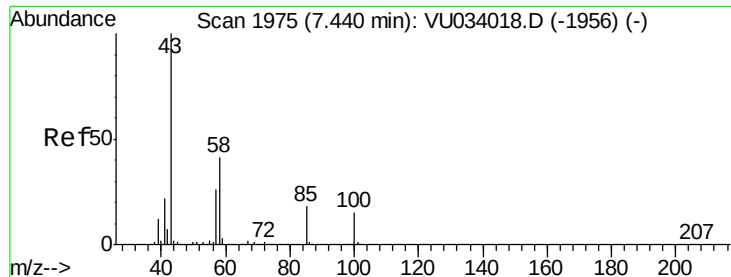
100 64.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

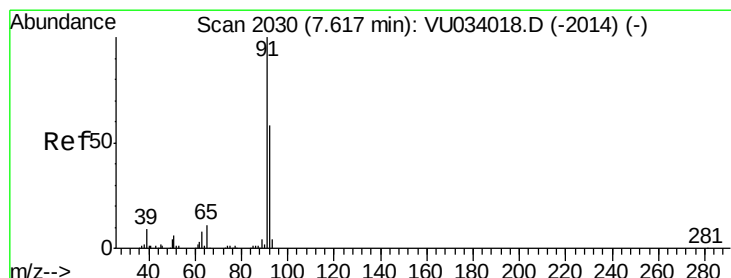
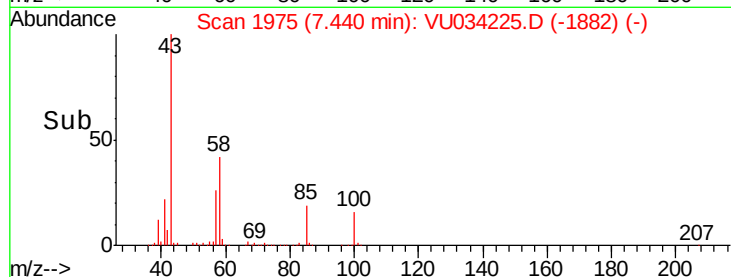
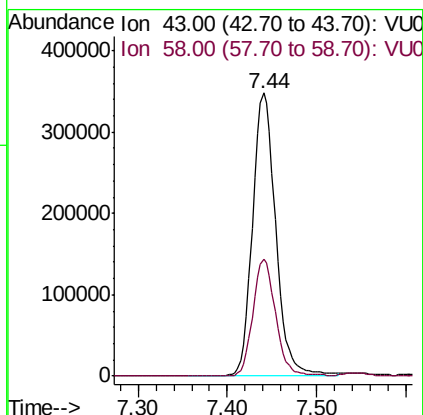
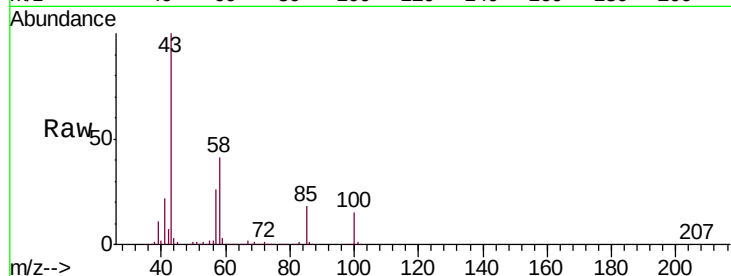




#51
 4-Methyl-2-Pentanone
 Concen: 91.182 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

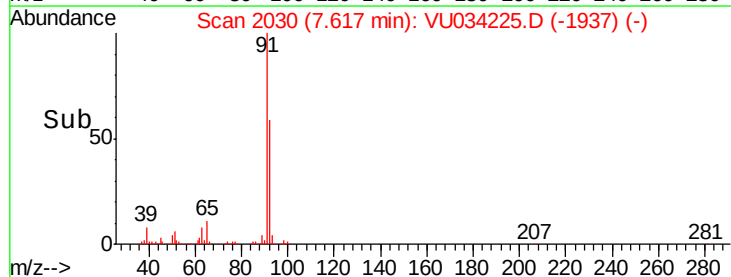
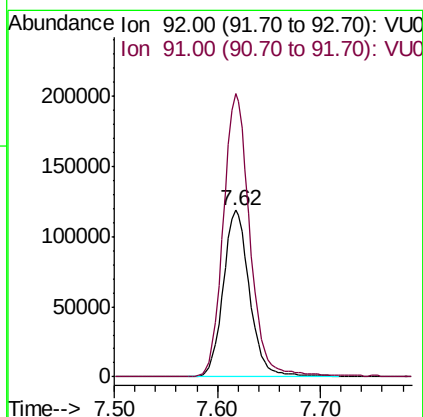
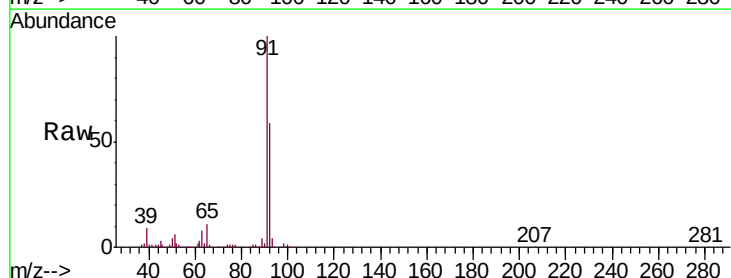
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

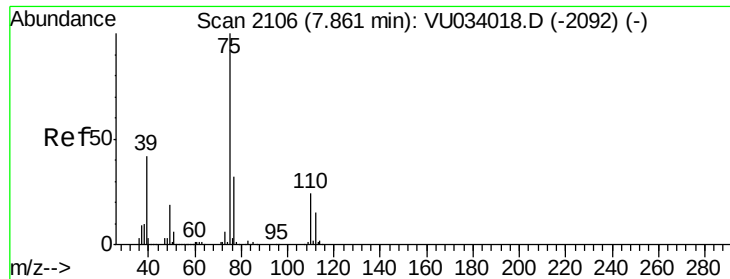
Tgt Ion: 43 Resp: 626802
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.2 48.4



#52
 Toluene
 Concen: 19.495 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 92 Resp: 212291
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.156 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

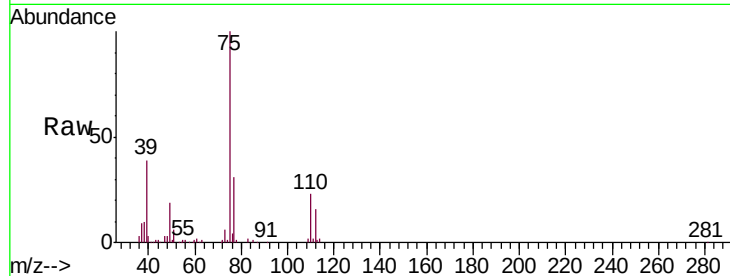
VU0904WBSD01

Tgt Ion: 75 Resp: 123564

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-2092) (-)

Ion 76.90 (76.60 to 77.60): VU034018.D (-2092) (-)

7.86

80000

60000

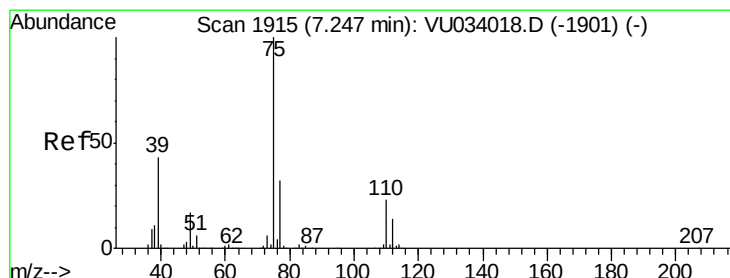
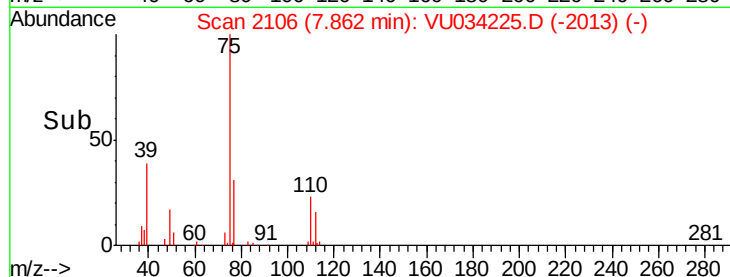
40000

20000

0

7.80 7.90 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.449 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

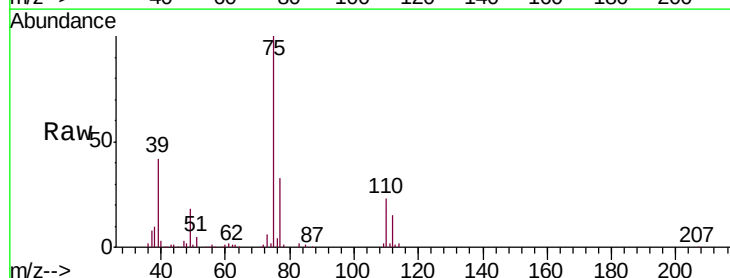
Tgt Ion: 75 Resp: 137177

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

39 42.4 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-1901) (-)

Ion 76.90 (76.60 to 77.60): VU034018.D (-1901) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1901) (-)

7.25

100000

80000

60000

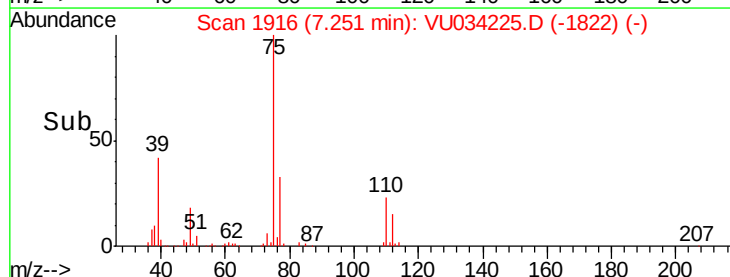
40000

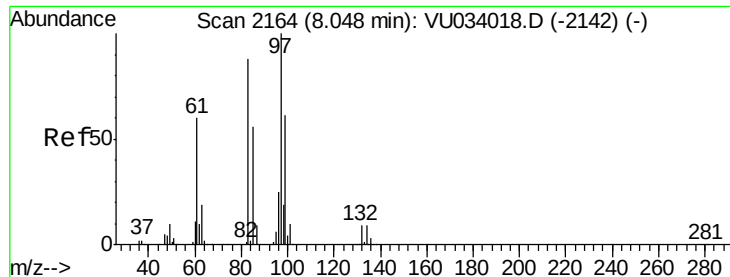
20000

0

7.20 7.30 7.40

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.006 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

Tgt Ion: 97 Resp: 87547

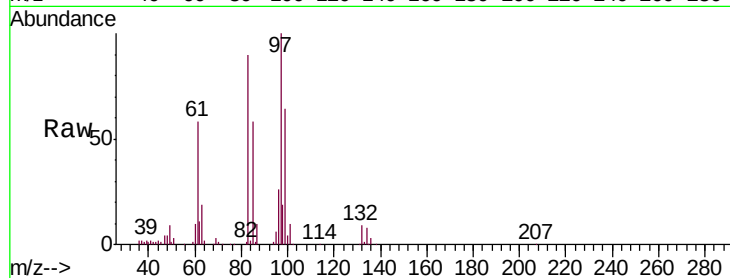
Ion Ratio Lower Upper

97 100

83 89.6 70.1 105.1

85 58.3 45.0 67.4

99 63.7 49.8 74.8

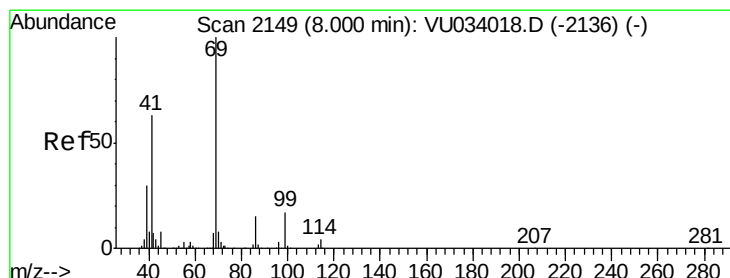
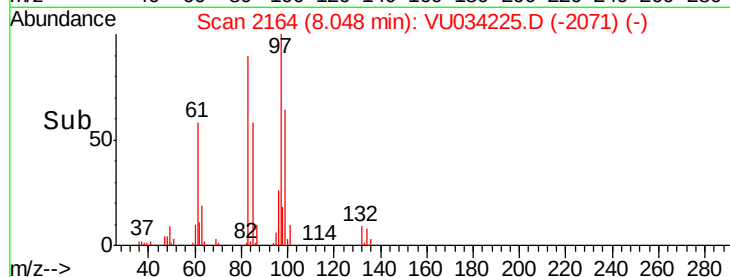
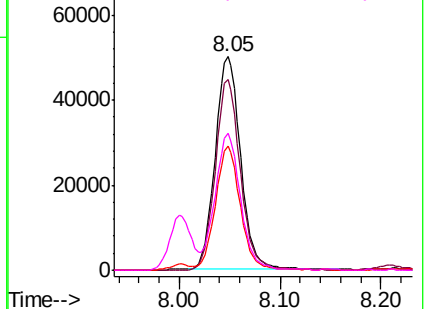


Abundance Ion 96.90 (96.60 to 97.60): VU034225.D (-2071) (-)

Ion 82.90 (82.60 to 83.60): VU034225.D (-2071) (-)

Ion 84.90 (84.60 to 85.60): VU034225.D (-2071) (-)

Ion 98.90 (98.60 to 99.60): VU034225.D (-2071) (-)



#56

Ethyl methacrylate

Concen: 16.576 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

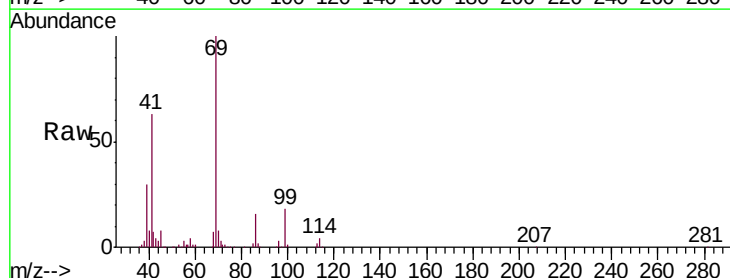
Tgt Ion: 69 Resp: 121590

Ion Ratio Lower Upper

69 100

41 64.2 50.7 76.1

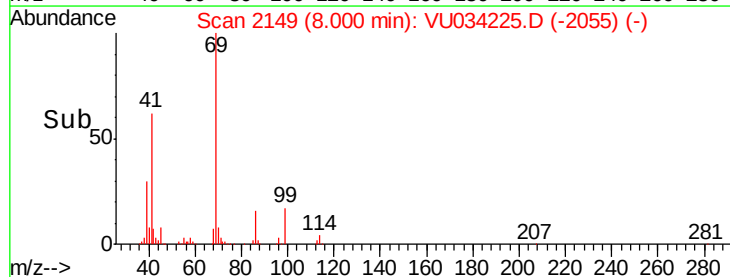
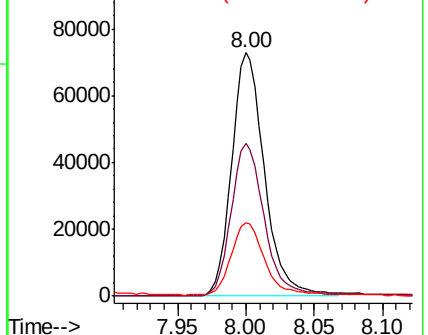
39 30.4 24.2 36.2

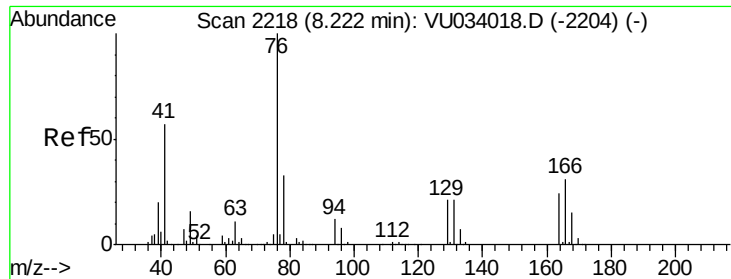


Abundance Ion 69.00 (68.70 to 69.70): VU034225.D (-2055) (-)

Ion 41.00 (40.70 to 41.70): VU034225.D (-2055) (-)

Ion 39.00 (38.70 to 39.70): VU034225.D (-2055) (-)

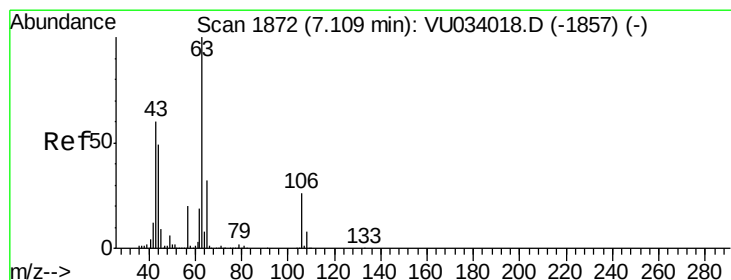
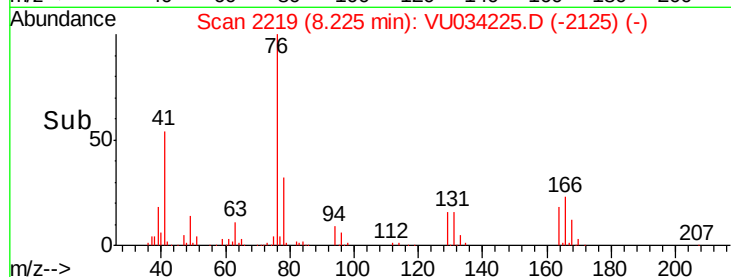
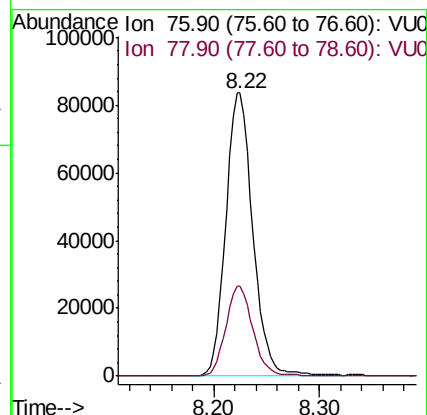
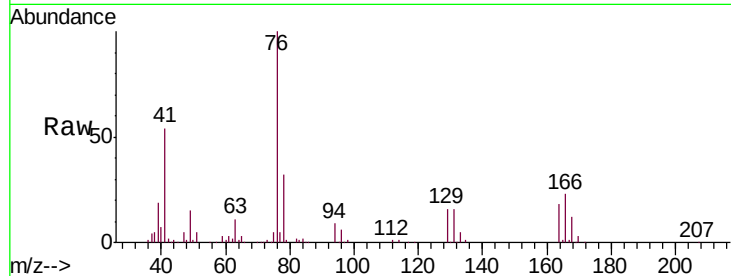




#57
 1,3-Dichloropropane
 Concen: 18.996 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

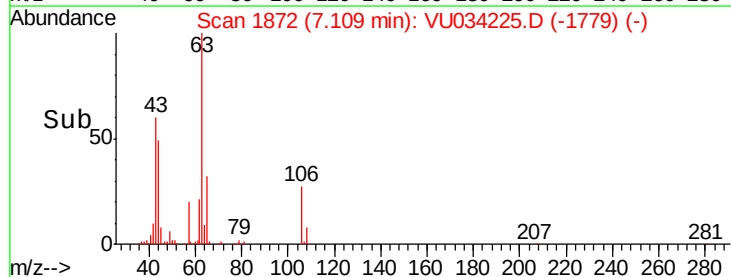
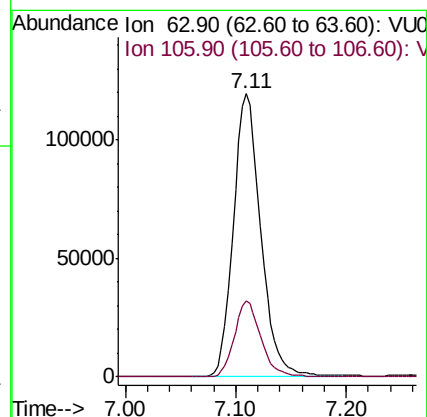
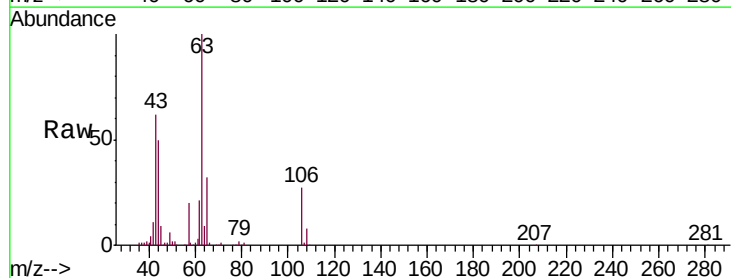
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

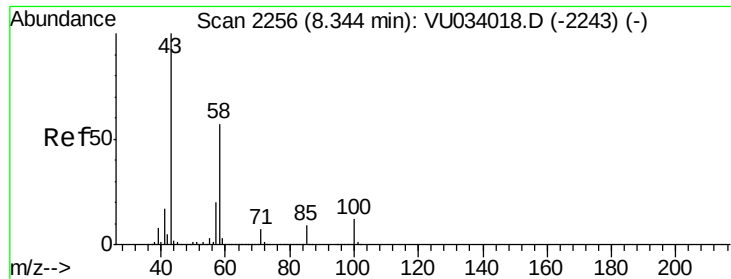
Tgt Ion: 76 Resp: 148566
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.158 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 63 Resp: 206813
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.7 31.1

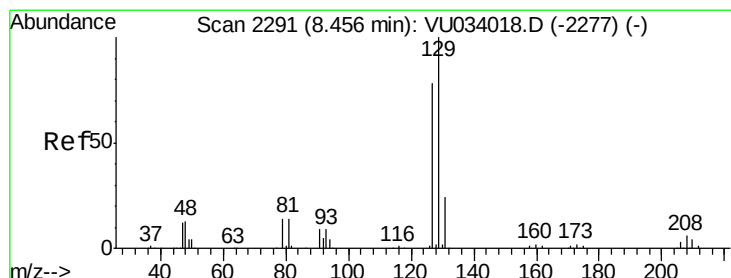
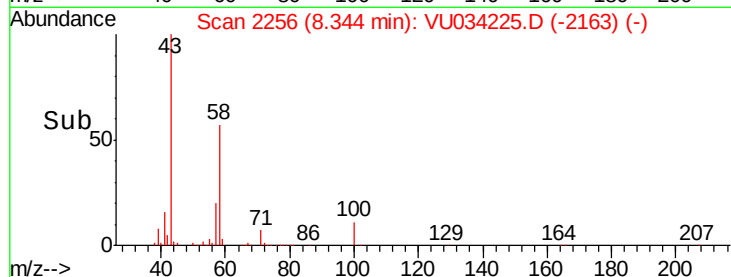
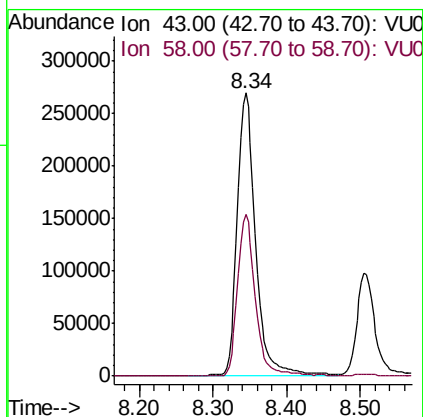
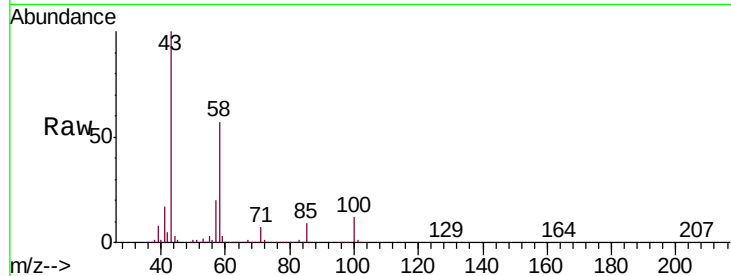




#59
 2-Hexanone
 Concen: 90.279 ug/l
 RT: 8.34 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

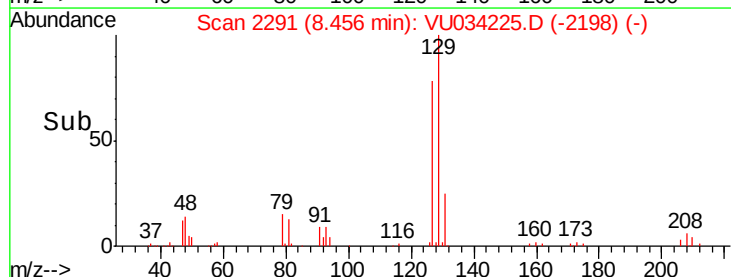
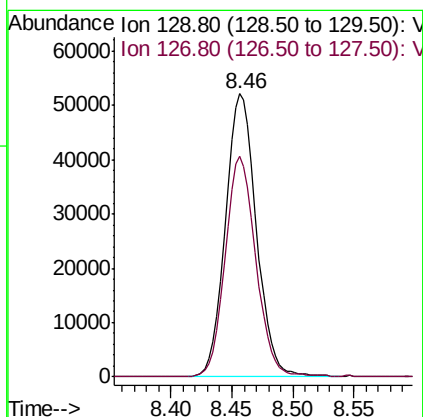
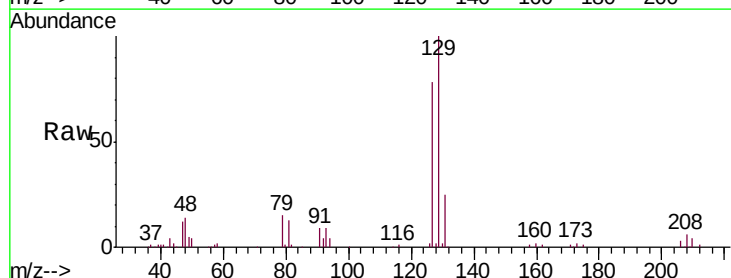
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

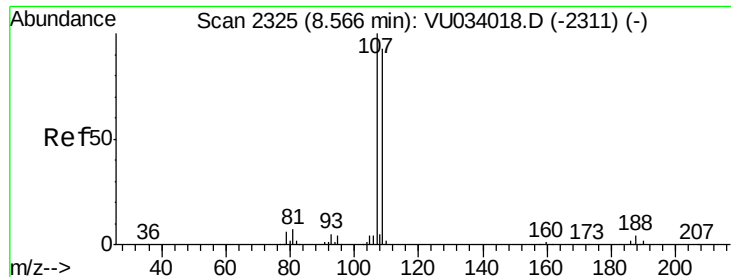
Tgt Ion: 43 Resp: 468489
 Ion Ratio Lower Upper
 43 100
 58 55.6 28.4 85.3



#60
 Dibromochloromethane
 Concen: 18.750 ug/l
 RT: 8.46 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion: 129 Resp: 92708
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.315 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

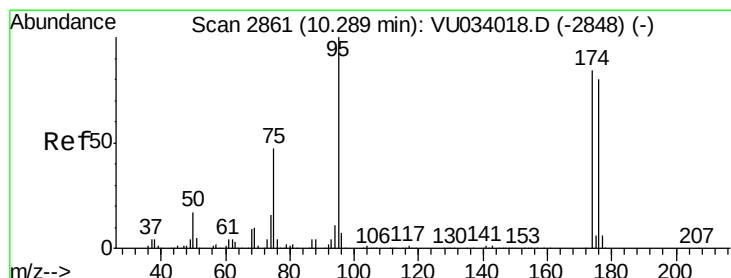
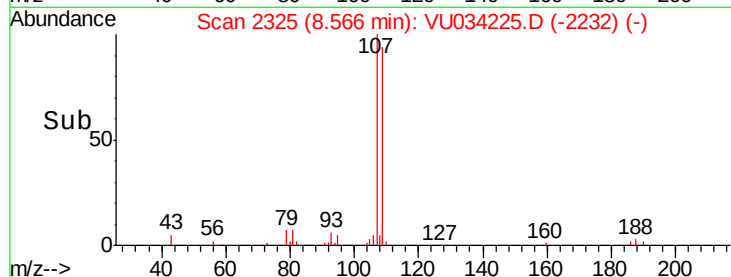
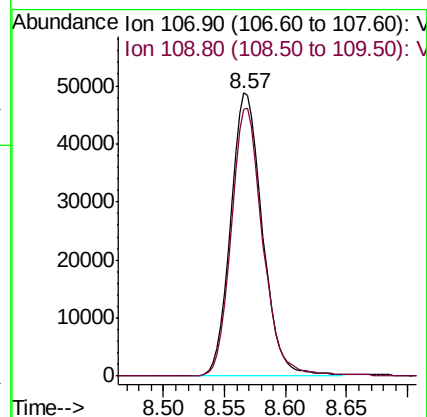
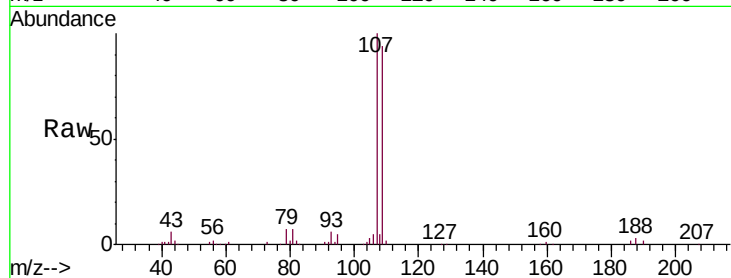
VU0904WBSD01

Tgt Ion: 107 Resp: 88867

Ion Ratio Lower Upper

107 100

109 93.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.057 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

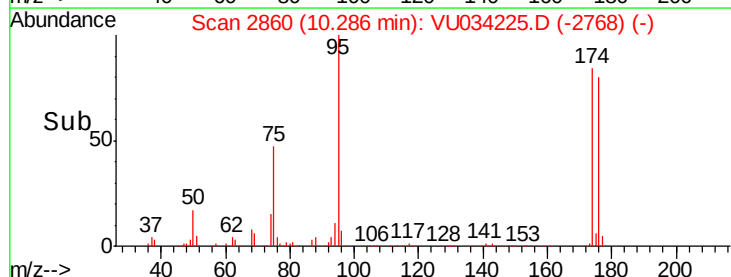
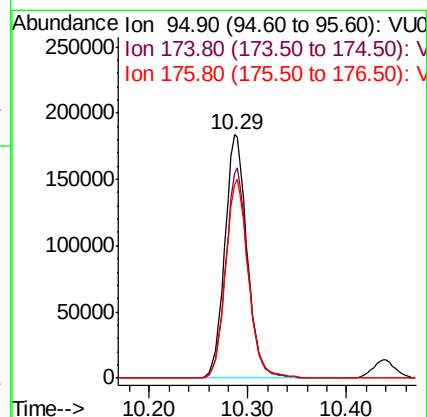
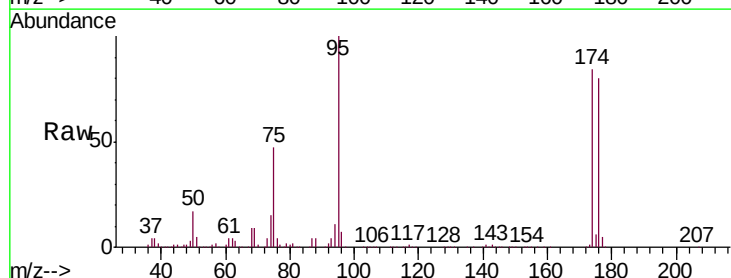
Tgt Ion: 95 Resp: 293645

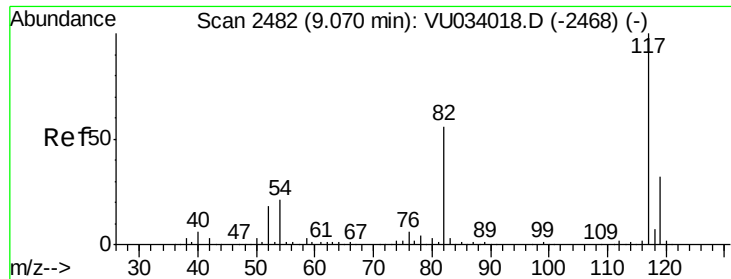
Ion Ratio Lower Upper

95 100

174 86.1 0.0 168.8

176 82.4 0.0 161.8

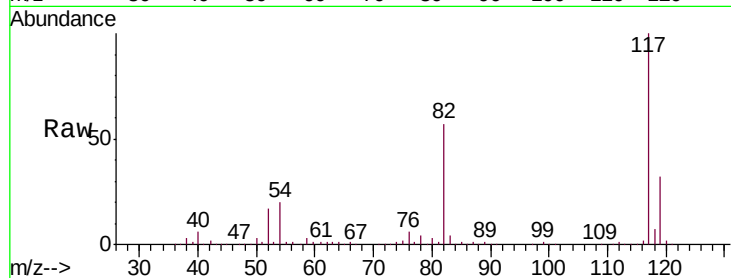




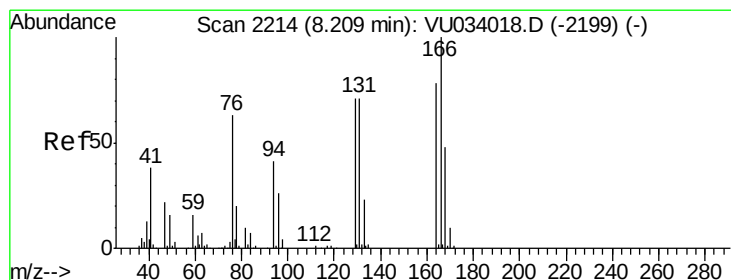
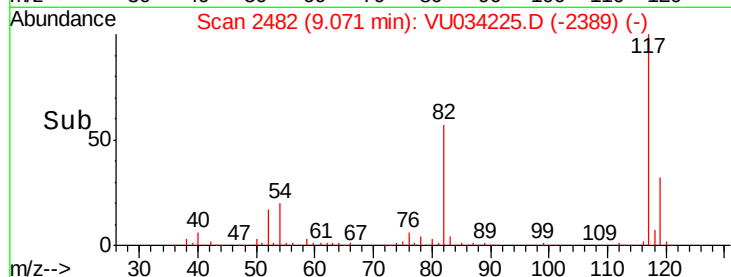
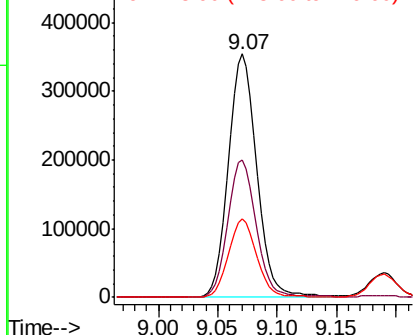
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

Tgt Ion:117 Resp: 587844
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.2 25.4 38.0

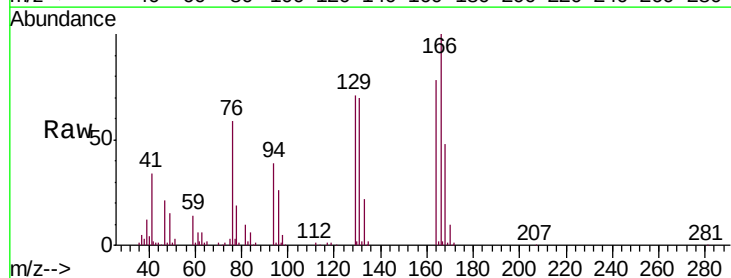


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

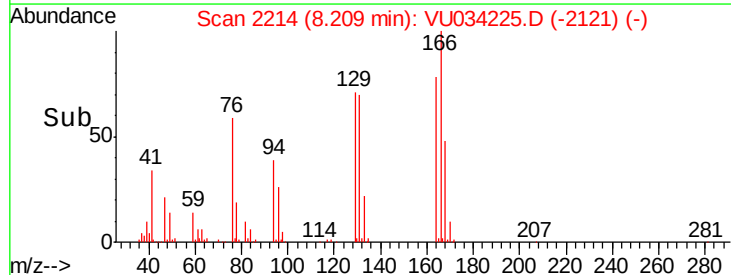
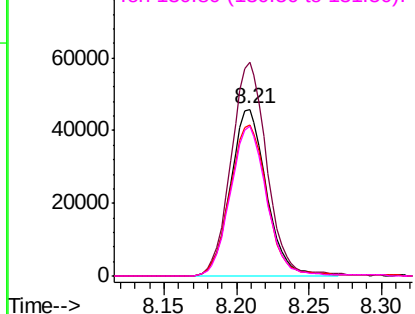


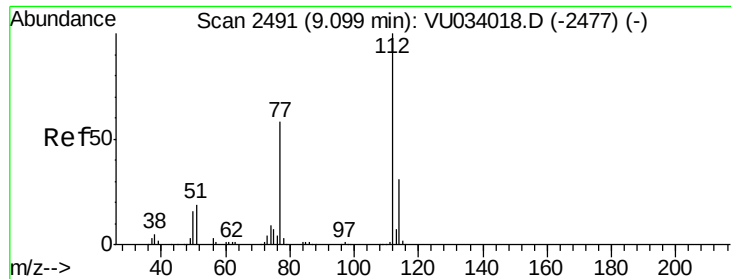
#64
Tetrachloroethene
Concen: 19.955 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion:164 Resp: 78779
Ion Ratio Lower Upper
164 100
166 128.1 102.2 153.2
129 90.7 72.4 108.6
131 89.6 72.1 108.1



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

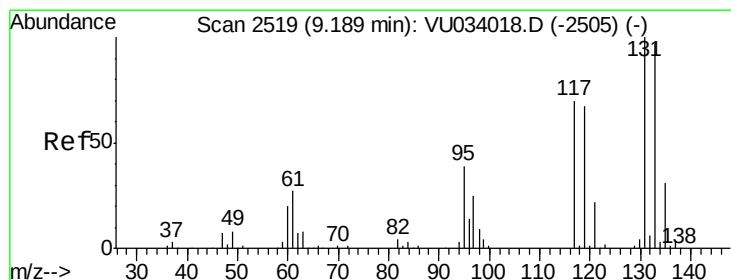
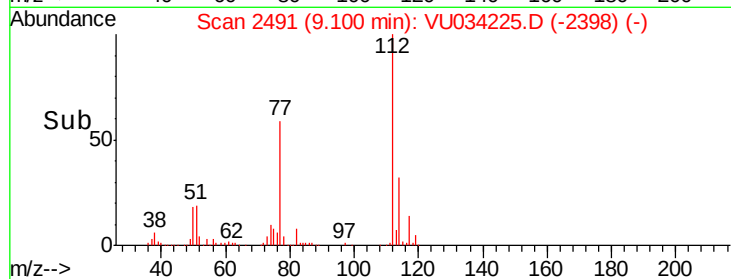
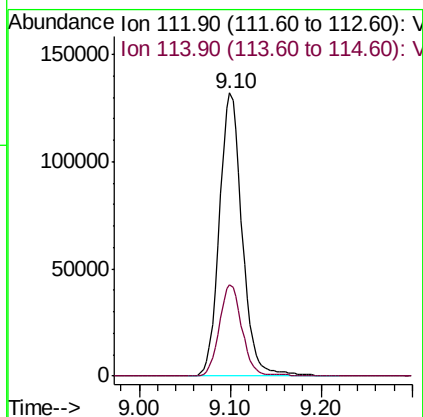
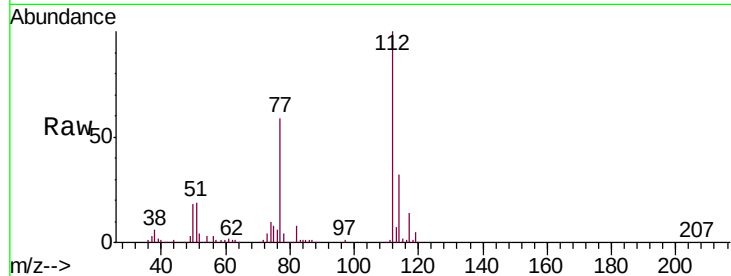




#65
Chlorobenzene
Concen: 19.031 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

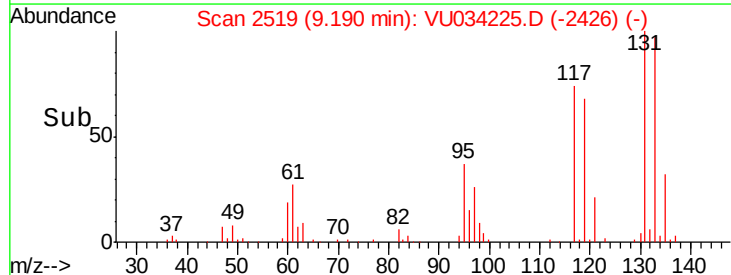
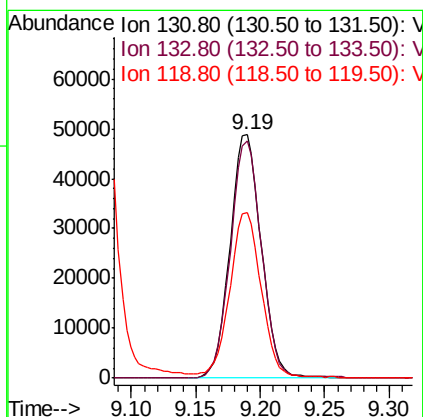
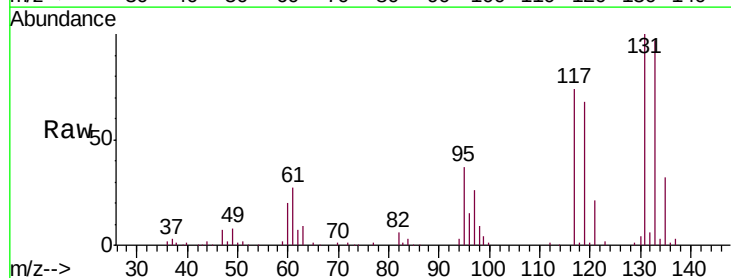
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

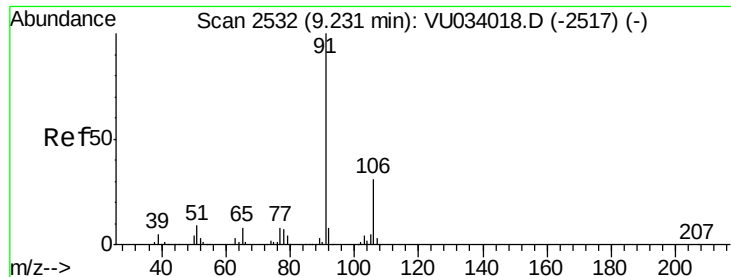
Tgt Ion:112 Resp: 230224
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.698 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion:131 Resp: 82022
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.2
119 67.8 33.6 100.6

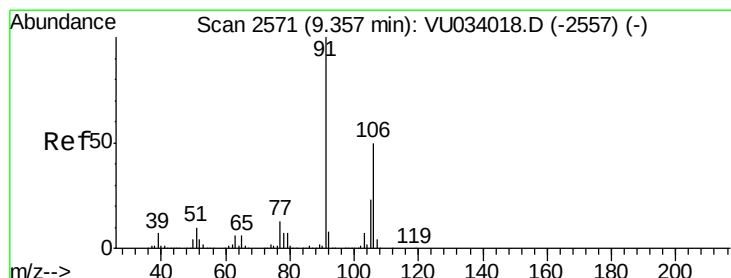
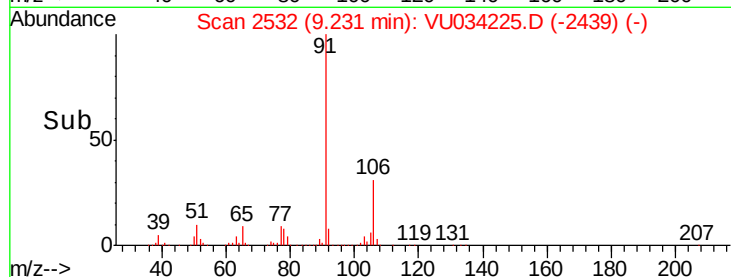
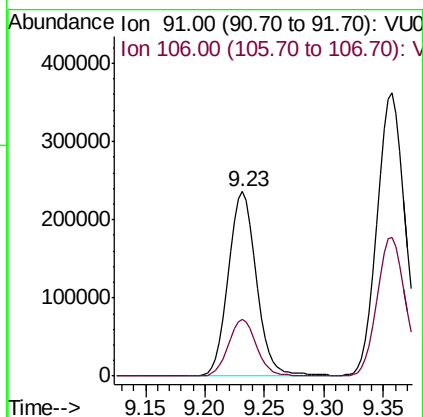
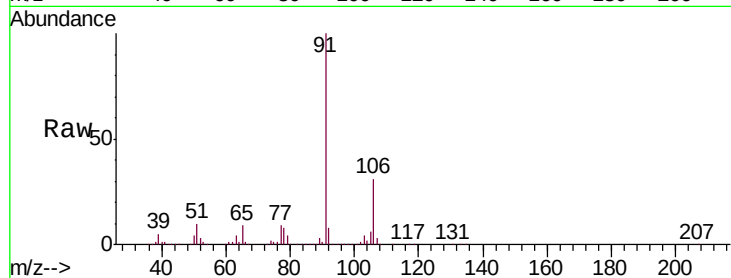




#67
Ethyl Benzene
Concen: 18.933 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

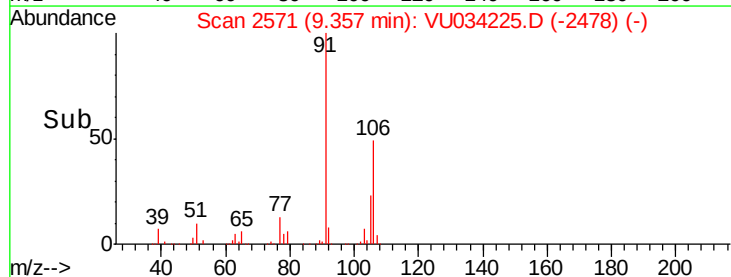
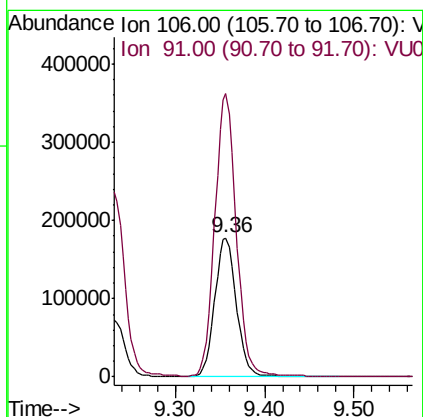
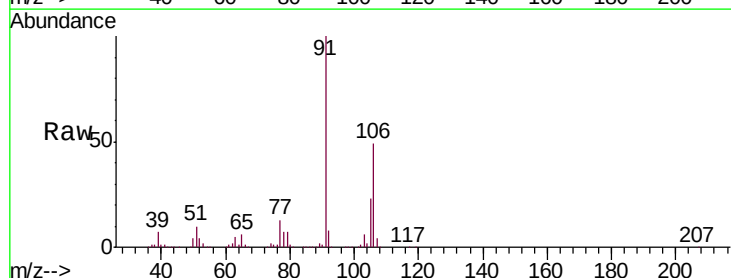
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

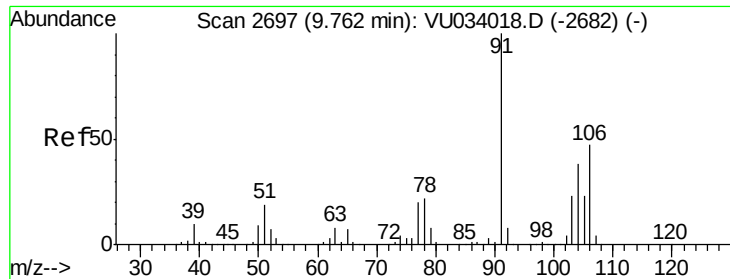
Tgt Ion: 91 Resp: 388239
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 38.353 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 106 Resp: 299054
Ion Ratio Lower Upper
106 100
91 201.9 161.6 242.4

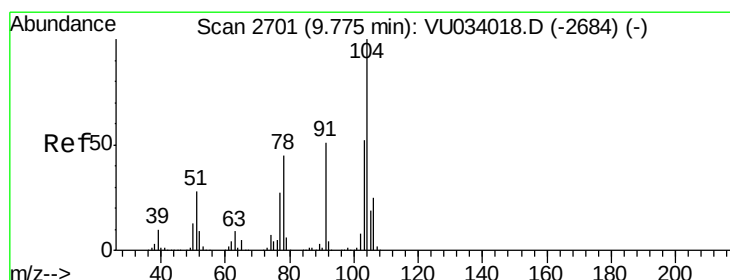
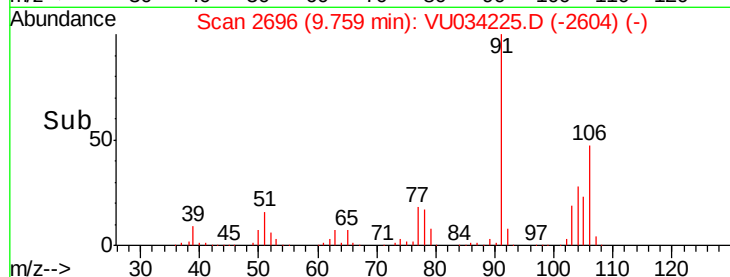
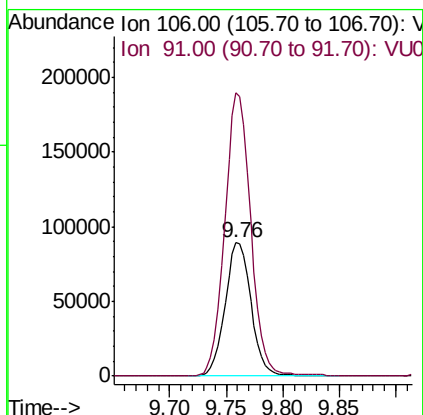
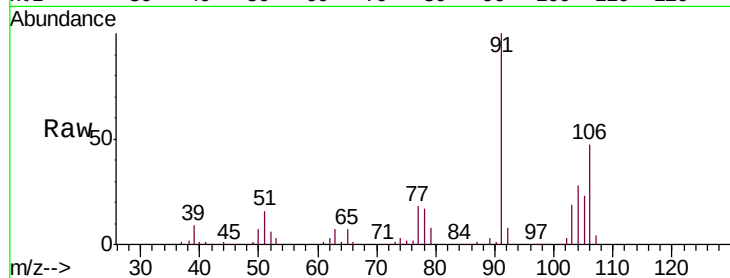




#69
o-Xylene
Concen: 19.188 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

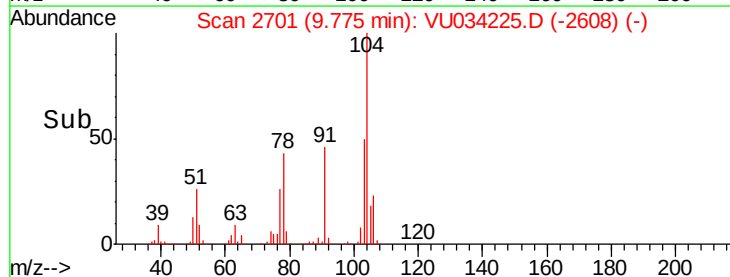
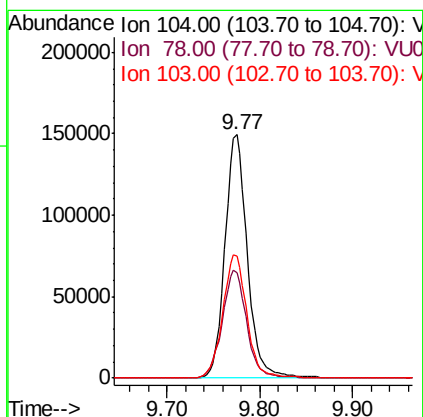
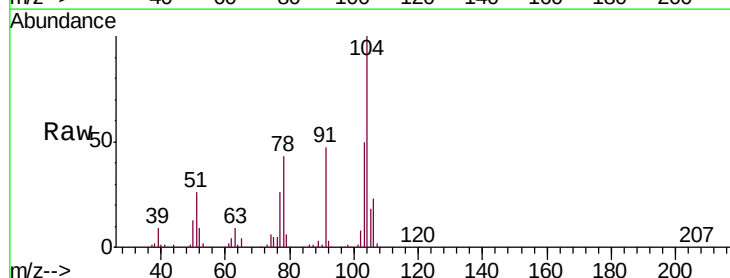
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

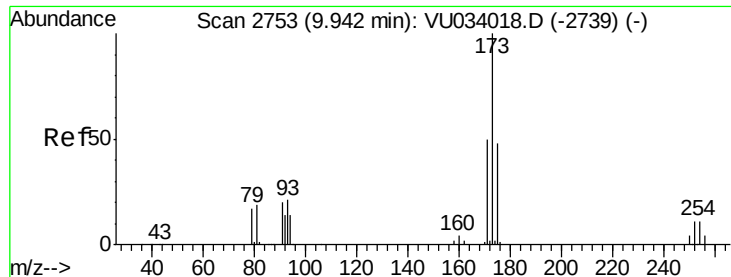
Tgt Ion:106 Resp: 143537
Ion Ratio Lower Upper
106 100
91 210.6 106.0 318.0



#70
Styrene
Concen: 19.540 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion:104 Resp: 250630
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 54.6 44.0 66.0





#71

Bromoform

Concen: 17.906 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

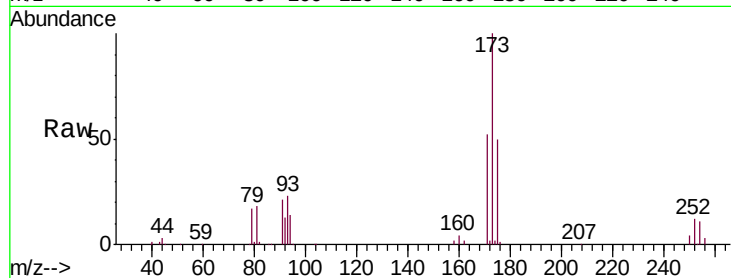
Tgt Ion:173 Resp: 68245

Ion Ratio Lower Upper

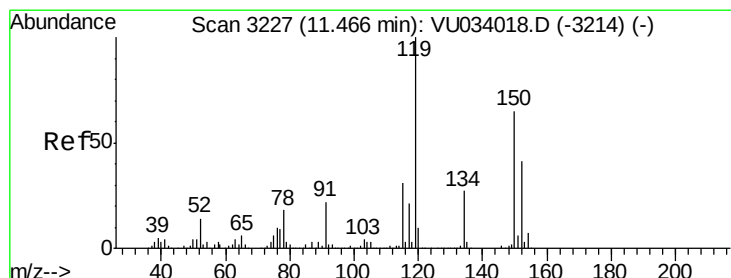
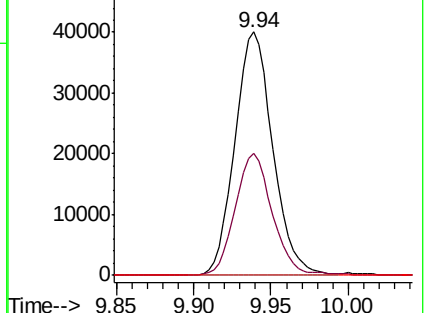
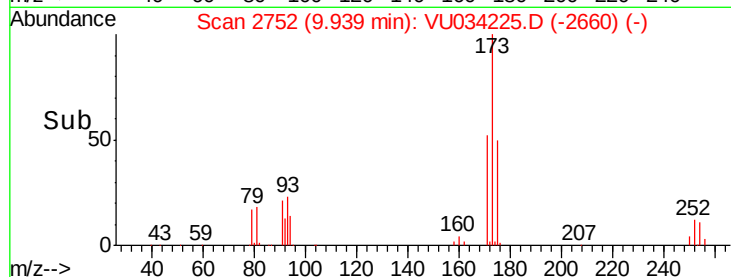
173 100

175 48.9 24.6 73.6

254 0.0 0.0 0.0



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: VU034225.D

Acq: 03 Sep 2019 14:38

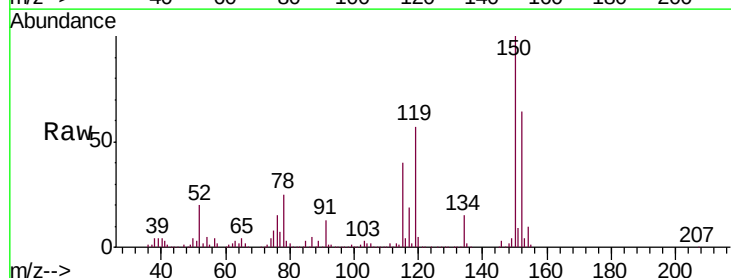
Tgt Ion:152 Resp: 320287

Ion Ratio Lower Upper

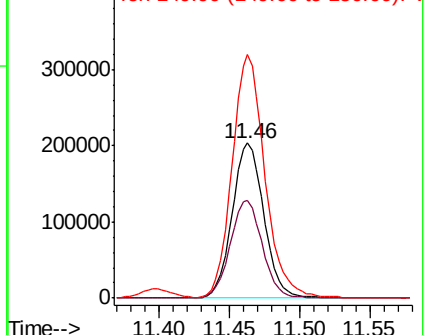
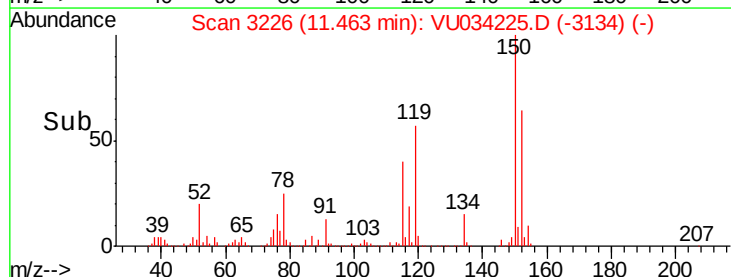
152 100

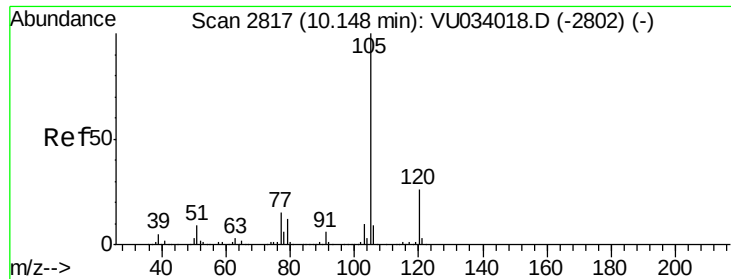
115 63.9 41.1 123.3

150 161.6 0.0 348.8



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: 17.973 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

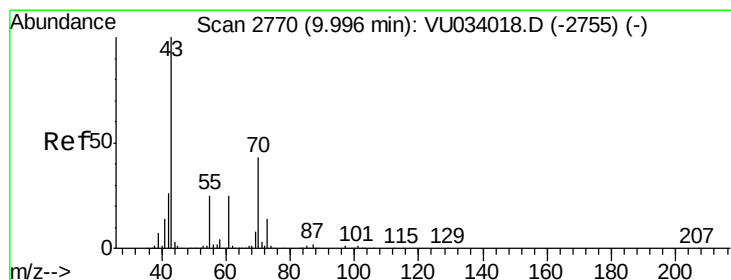
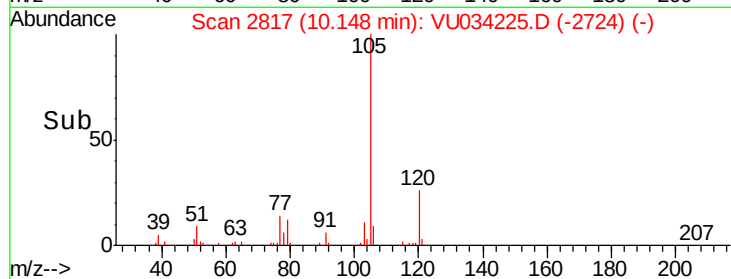
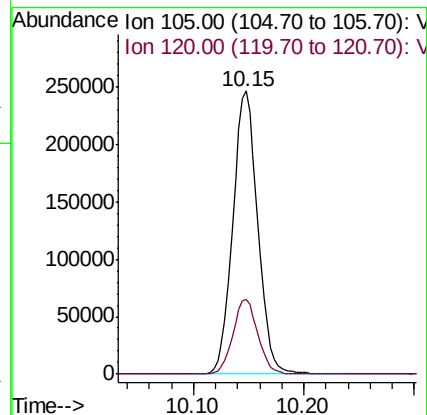
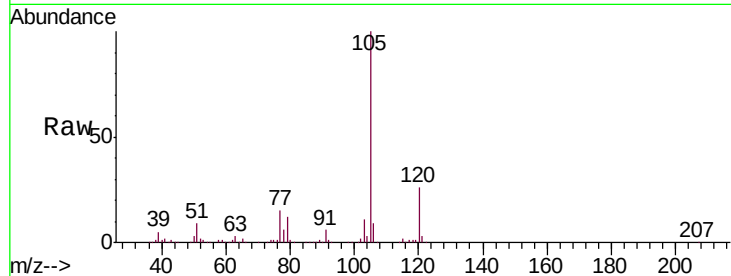
VU0904WBSD01

Tgt Ion: 105 Resp: 386662

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 17.185 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Tgt Ion: 43 Resp: 155498

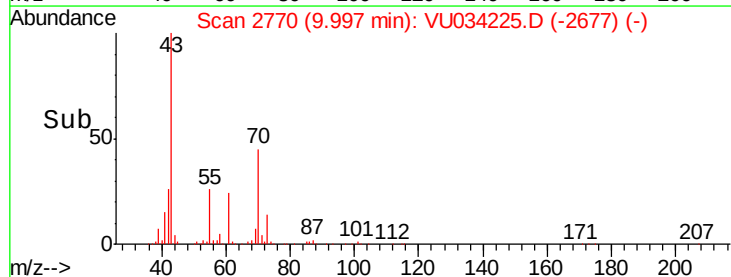
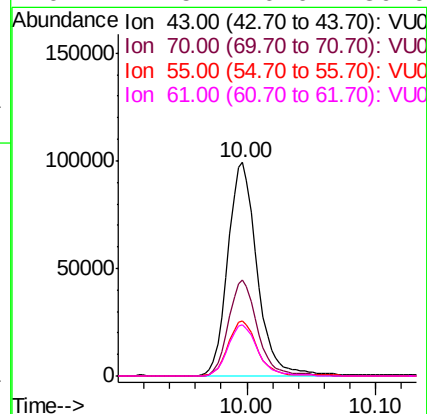
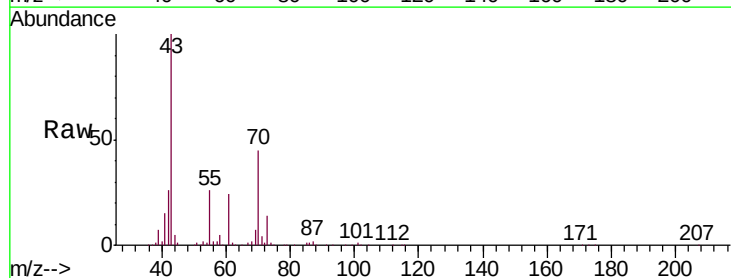
Ion Ratio Lower Upper

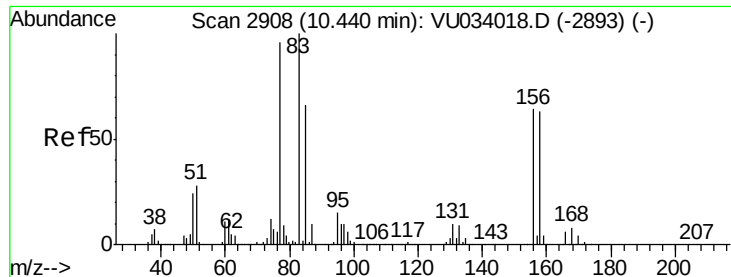
43 100

70 44.9 35.2 52.8

55 25.9 20.5 30.7

61 24.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.832 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

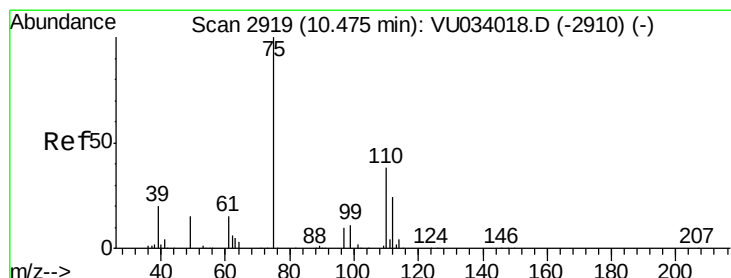
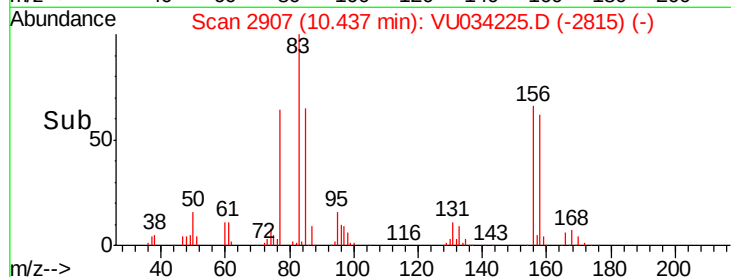
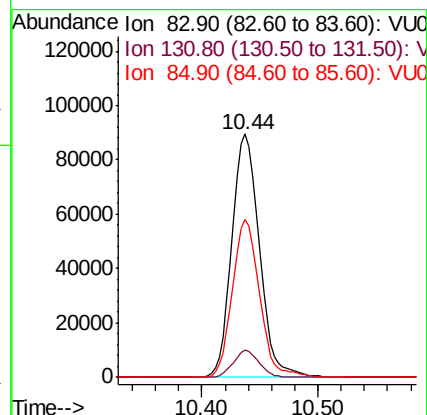
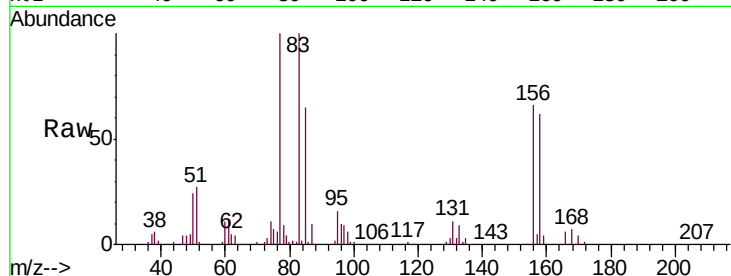
Tgt Ion: 83 Resp: 146833

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 21.977 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034225.D

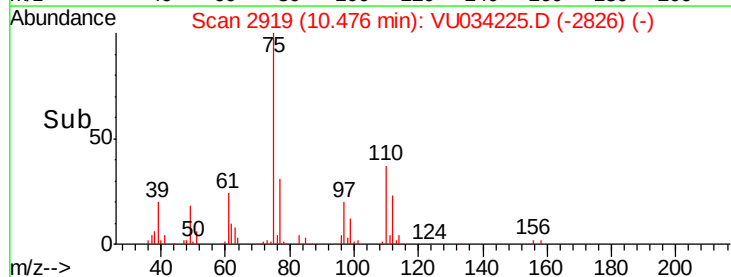
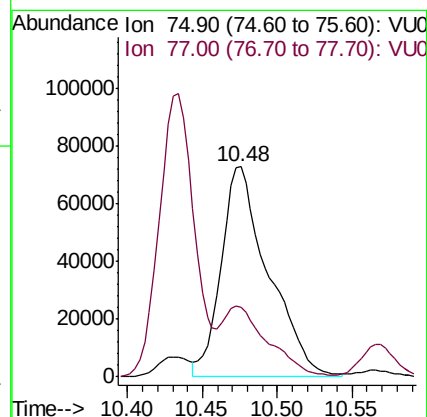
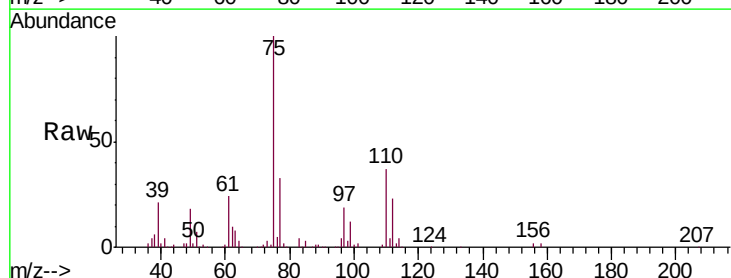
Acq: 03 Sep 2019 14:38

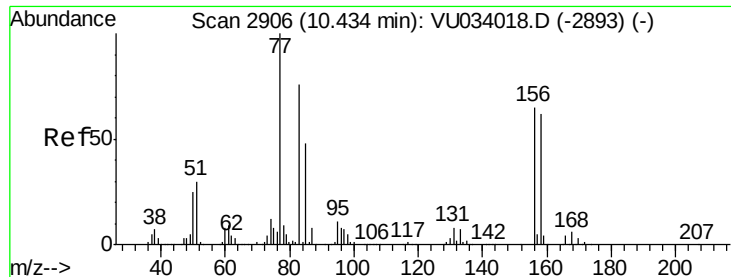
Tgt Ion: 75 Resp: 158644

Ion Ratio Lower Upper

75 100

77 31.9 20.1 60.2





#77

Bromobenzene

Concen: 18.015 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

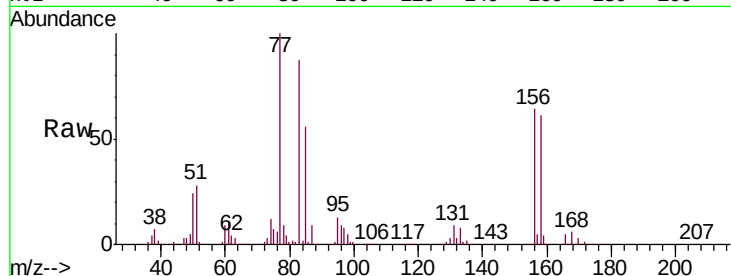
Tgt Ion:156 Resp: 104256

Ion Ratio Lower Upper

156 100

77 155.6 76.8 230.5

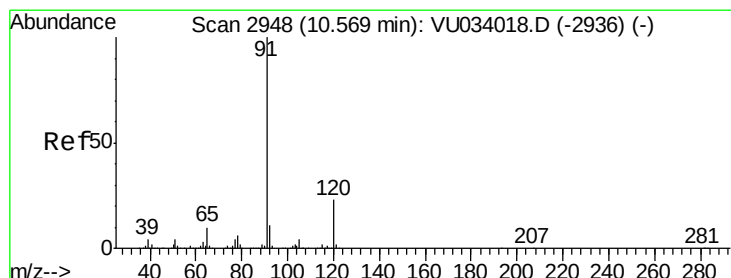
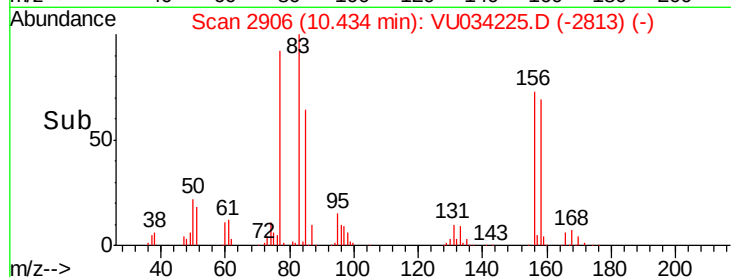
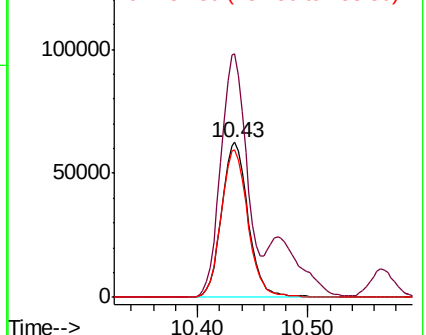
158 96.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.002 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034225.D

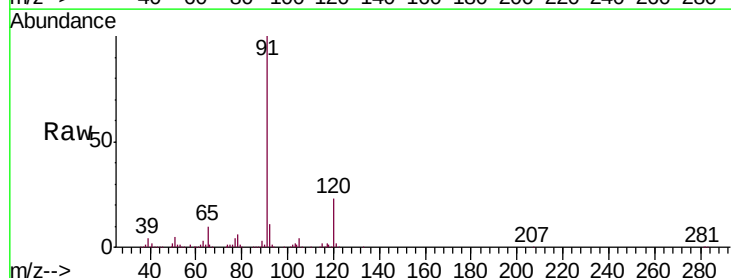
Acq: 03 Sep 2019 14:38

Tgt Ion: 91 Resp: 451018

Ion Ratio Lower Upper

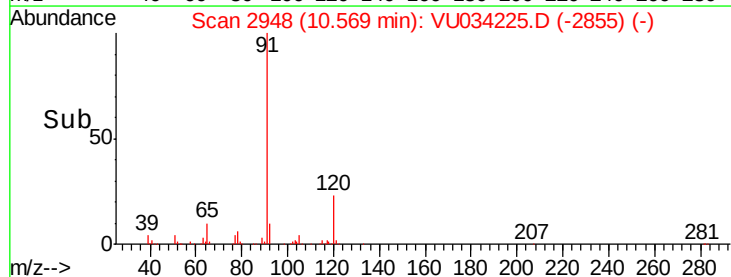
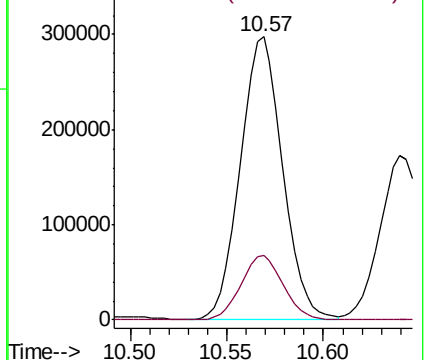
91 100

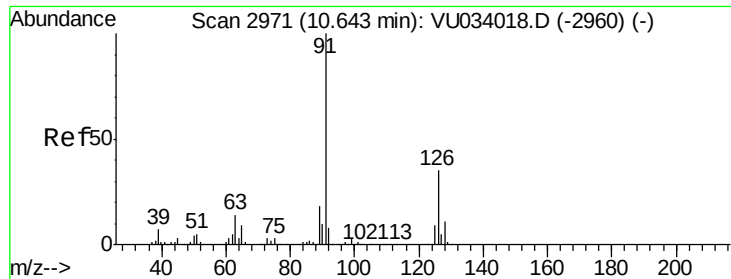
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.290 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

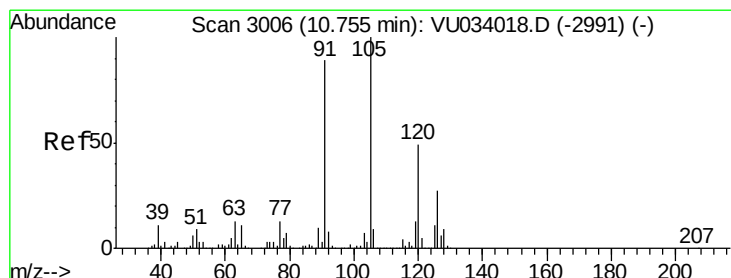
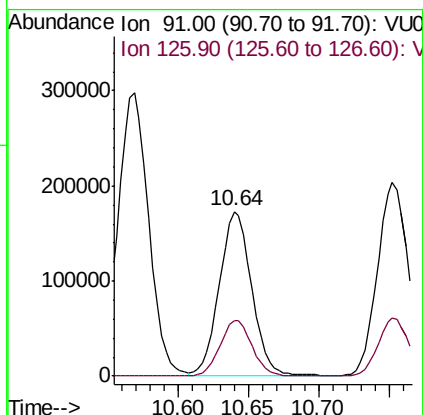
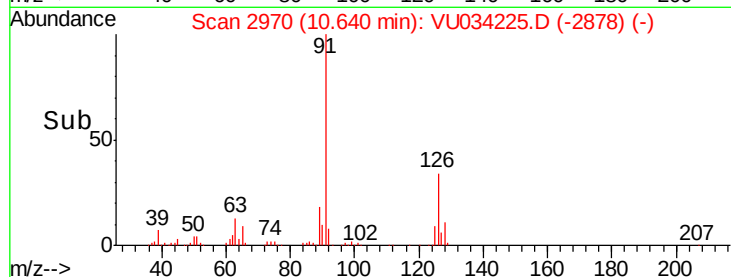
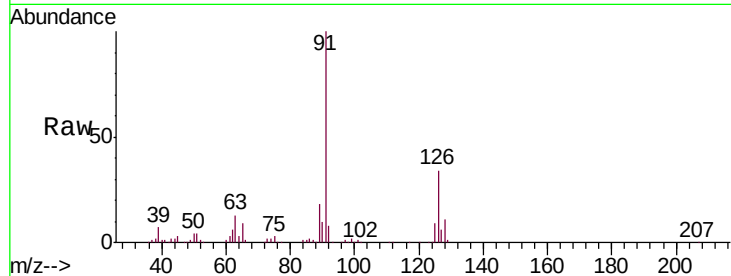
VU0904WBSD01

Tgt Ion: 91 Resp: 274865

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 18.584 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034225.D

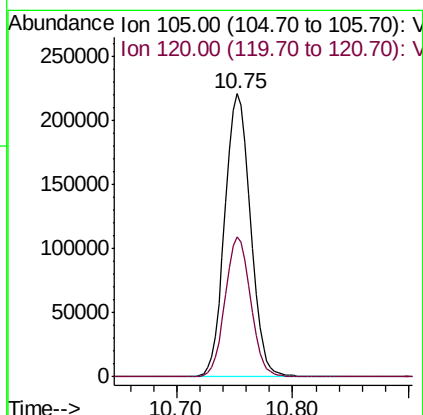
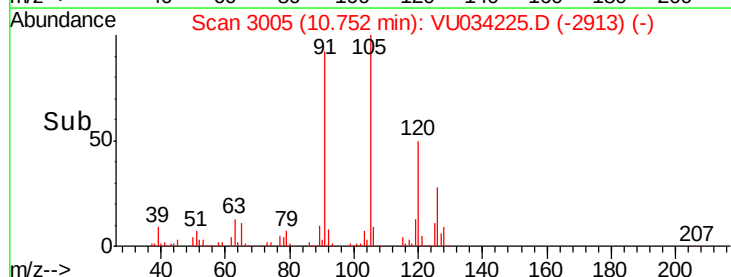
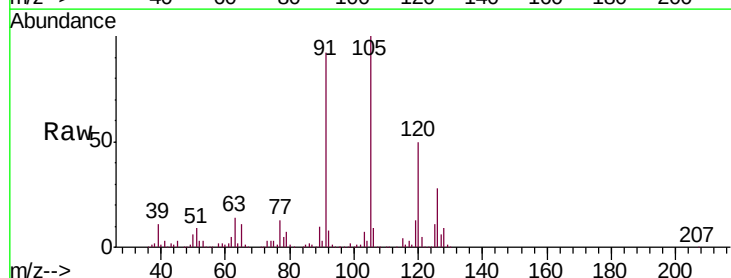
Acq: 03 Sep 2019 14:38

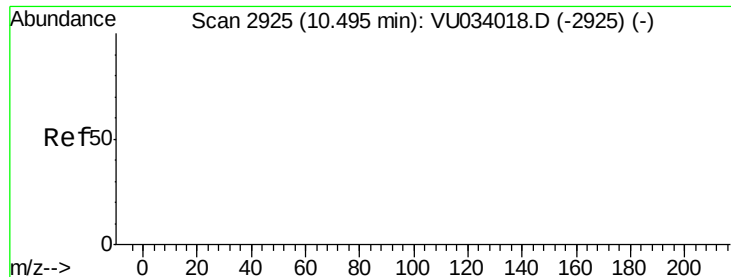
Tgt Ion: 105 Resp: 338856

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 74.224 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

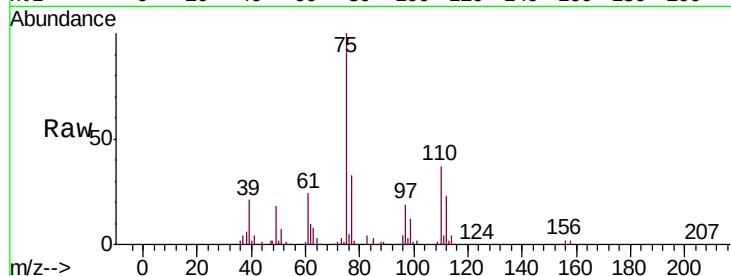
Tgt Ion: 75 Resp: 159122

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

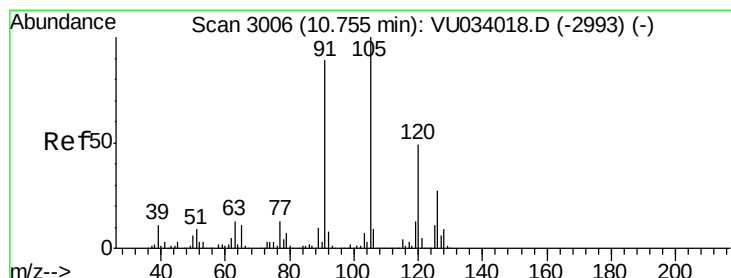
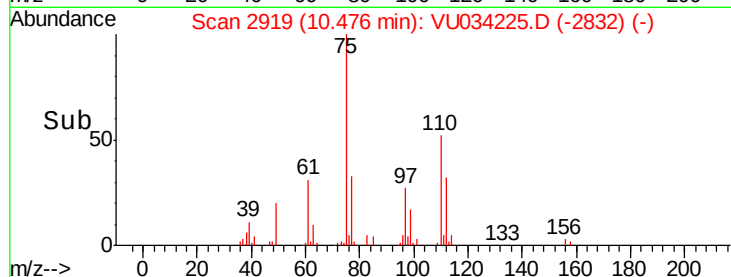
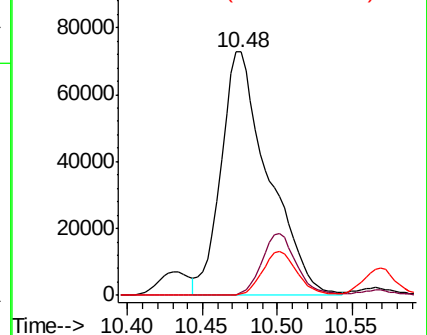
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 18.364 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034225.D

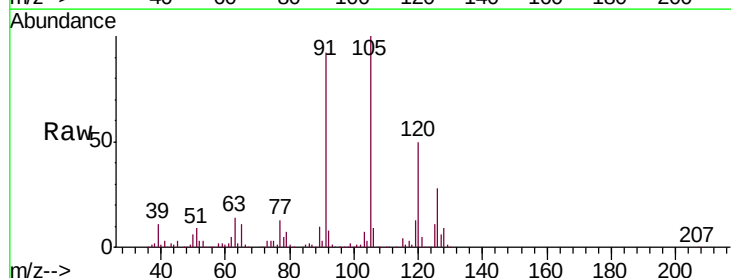
Acq: 03 Sep 2019 14:38

Tgt Ion: 91 Resp: 317382

Ion Ratio Lower Upper

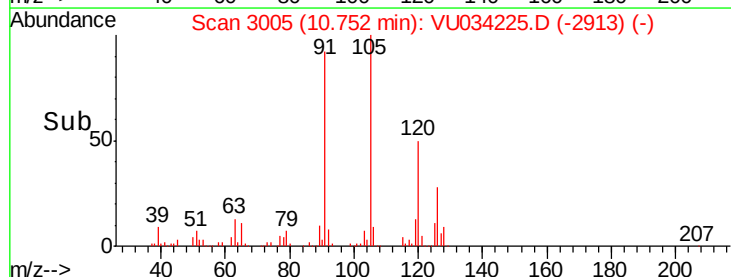
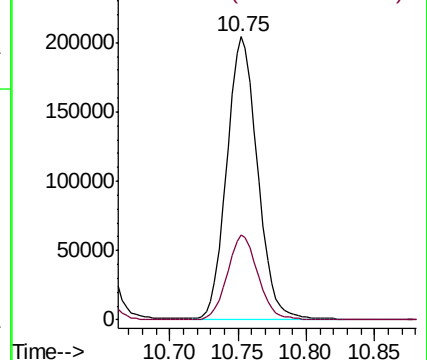
91 100

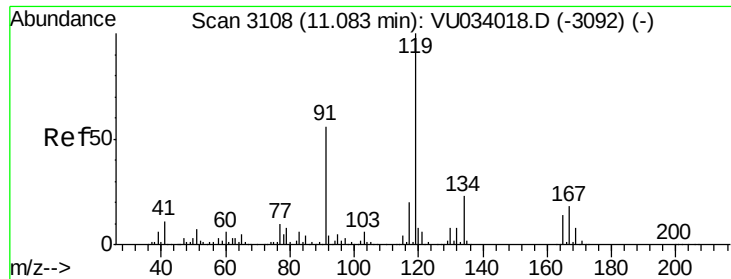
126 30.0 15.0 45.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

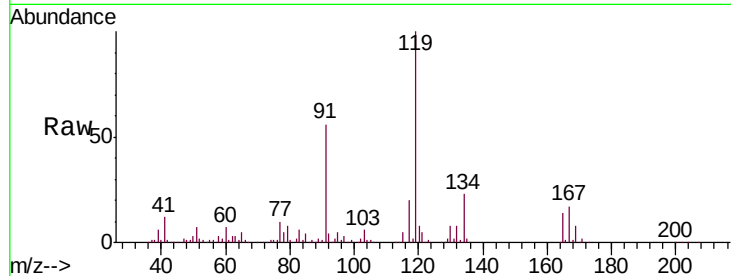




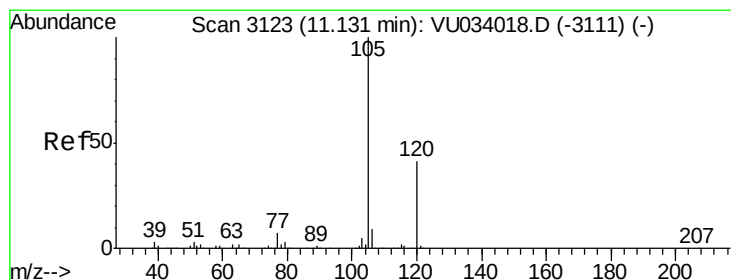
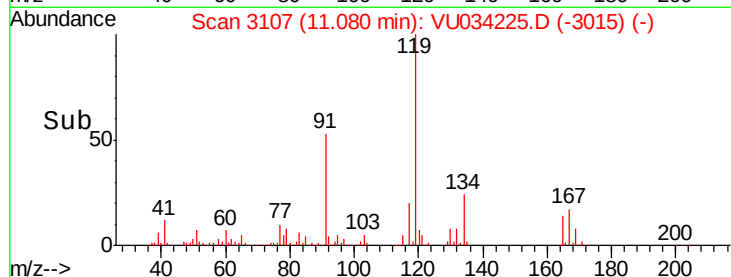
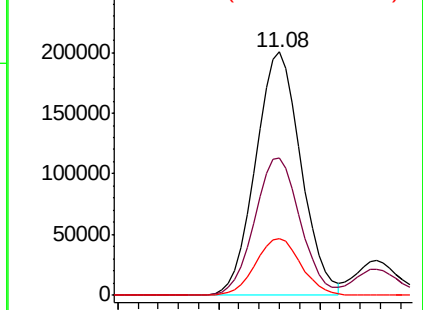
#83
 tert-Butylbenzene
 Concen: 17.532 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

Tgt Ion:119 Resp: 314696
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.9 83.6
 134 23.3 11.4 34.2

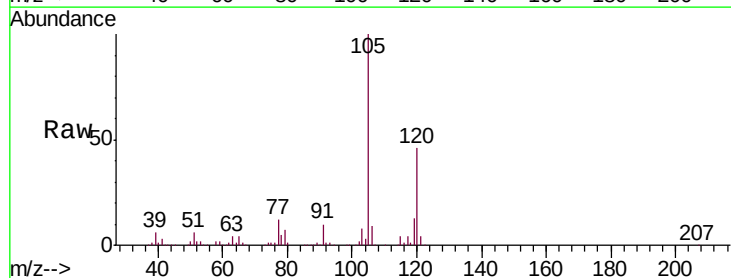


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

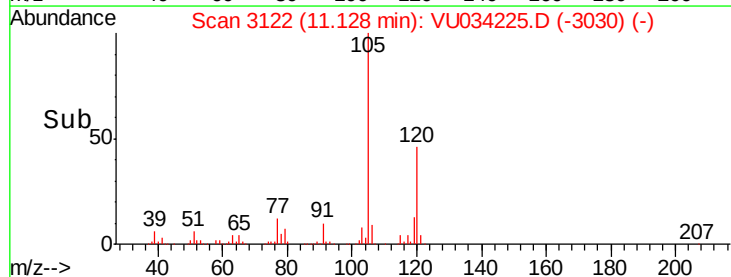
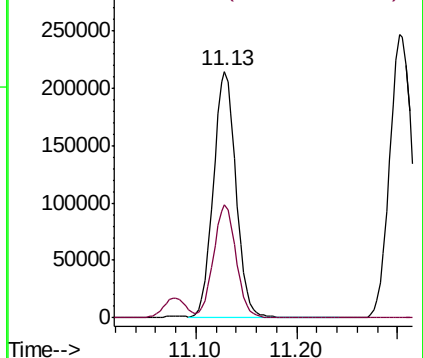


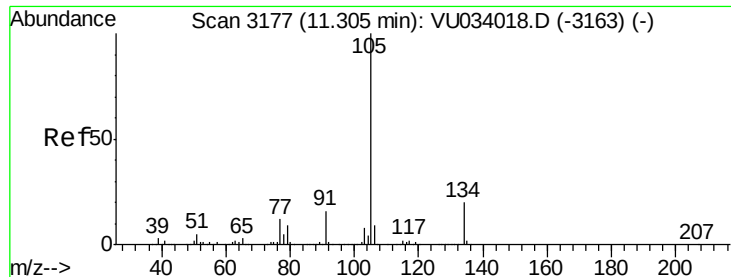
#84
 1,2,4-Trimethylbenzene
 Concen: 18.372 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion:105 Resp: 332636
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 17.811 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

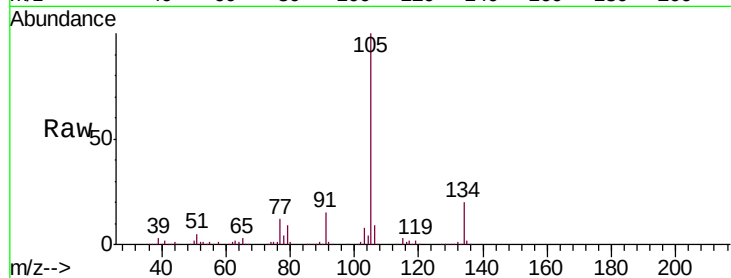
VU0904WBSD01

Tgt Ion:105 Resp: 383191

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.30

250000

200000

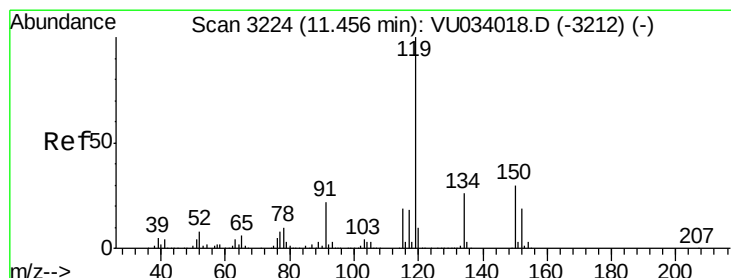
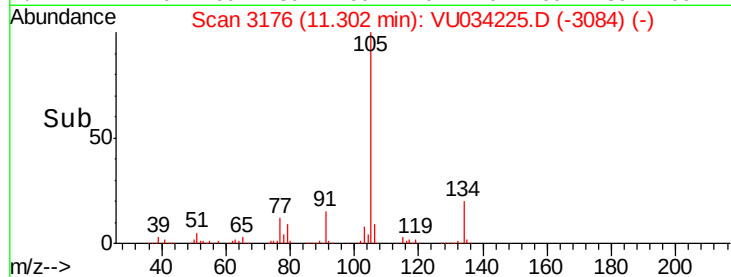
150000

100000

50000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 18.100 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

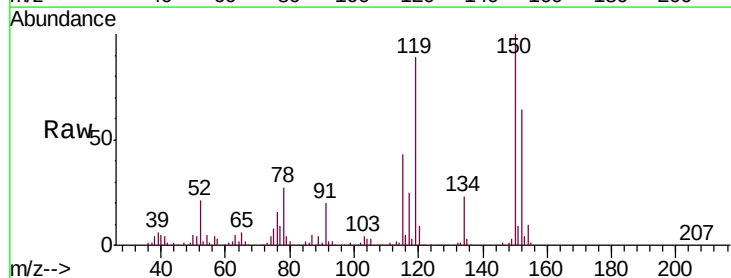
Tgt Ion:119 Resp: 352190

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.2 33.6



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): VU

11.46

300000

250000

200000

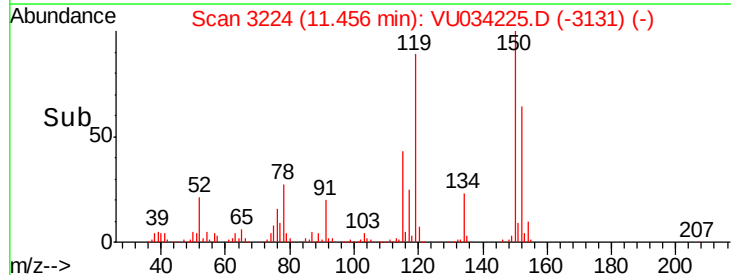
150000

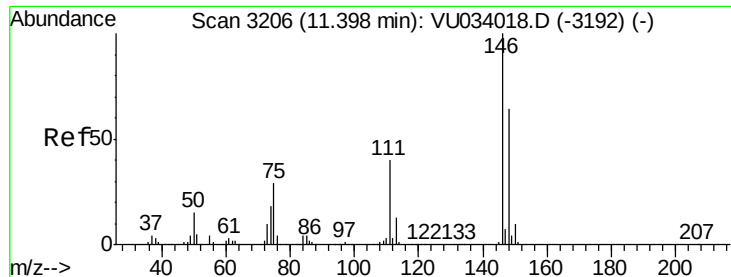
100000

50000

0

Time--> 11.40 11.50

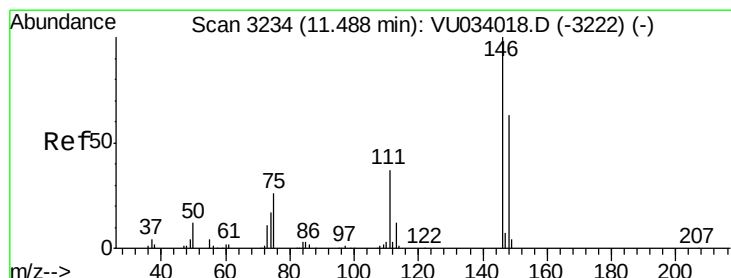
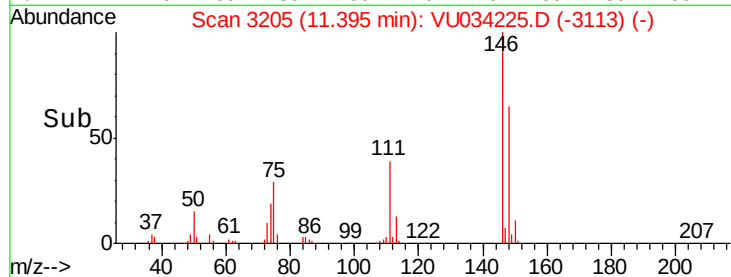
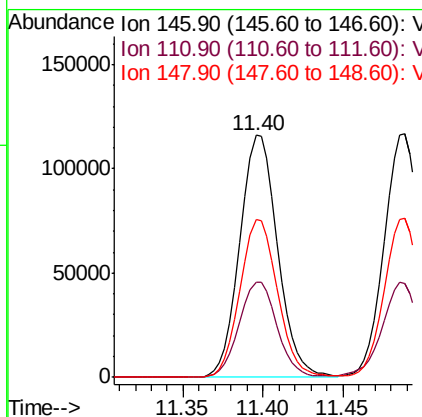
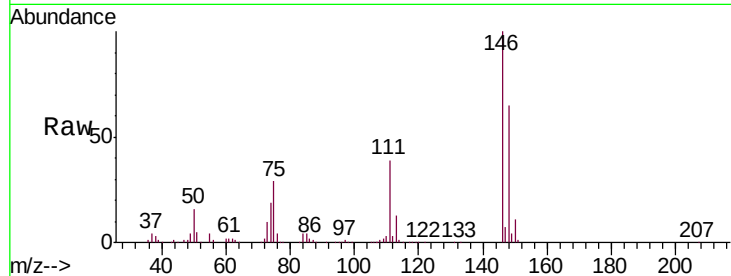




#87
 1,3-Dichlorobenzene
 Concen: 18.284 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

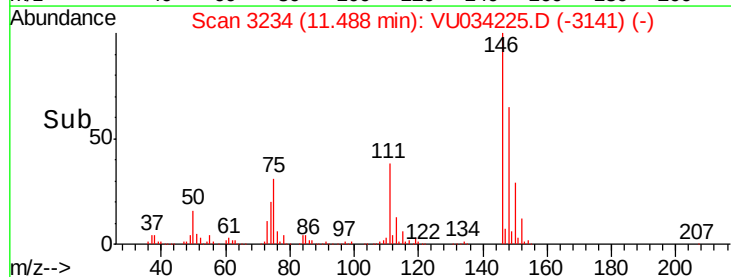
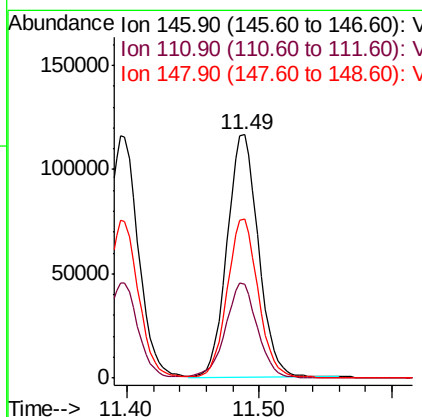
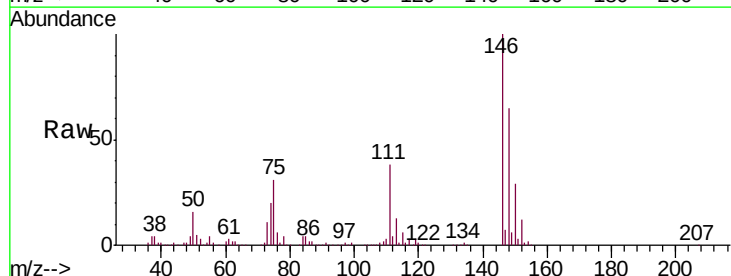
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

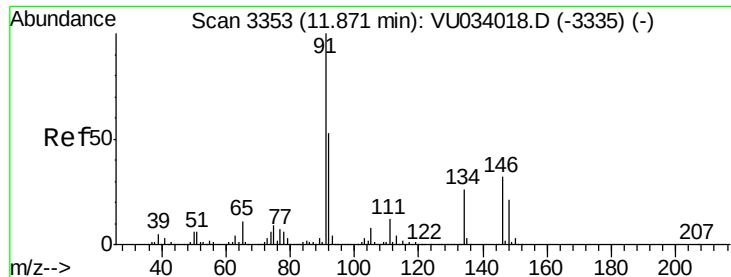
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.6
148	64.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.432 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.2	57.6
148	64.9	31.9	95.9





#89

n-Butylbenzene

Concen: 17.434 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

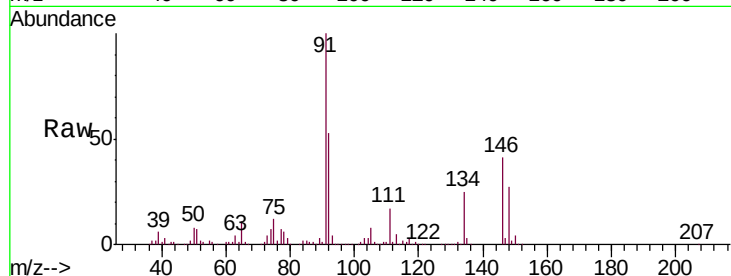
Tgt Ion: 91 Resp: 299084

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

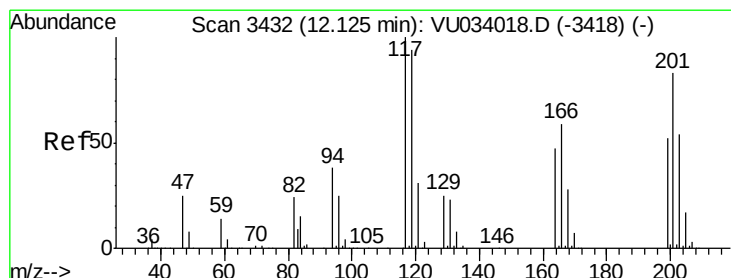
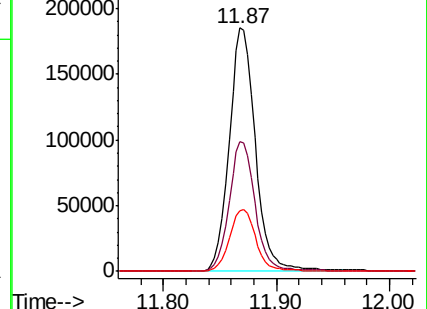
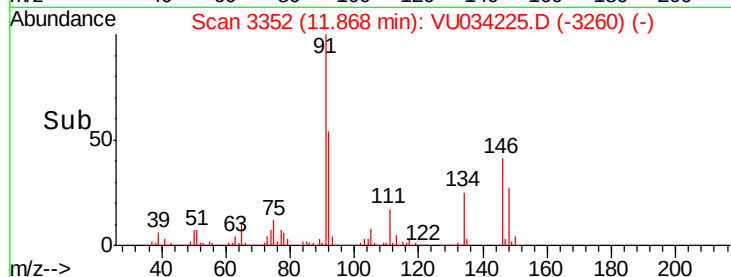
134 25.7 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)

Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)

Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)



#90

Hexachloroethane

Concen: 15.301 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034225.D

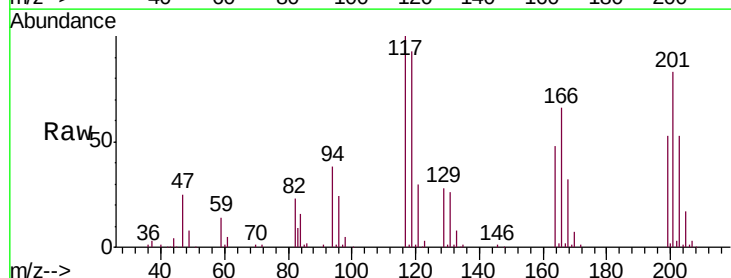
Acq: 03 Sep 2019 14:38

Tgt Ion: 117 Resp: 51474

Ion Ratio Lower Upper

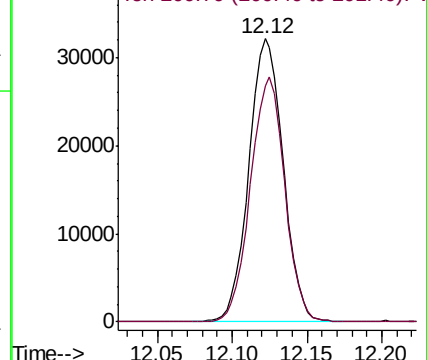
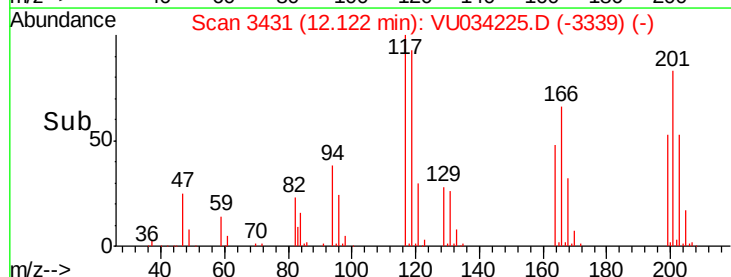
117 100

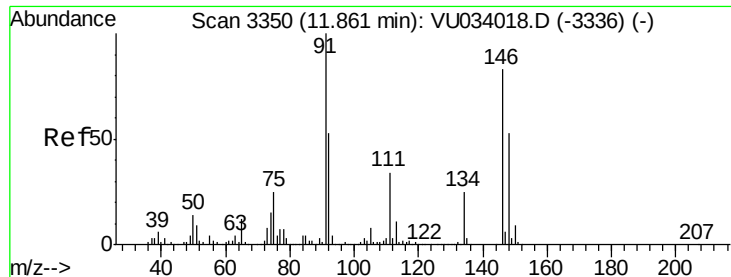
201 86.2 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-3418) (-)

Ion 200.70 (200.40 to 201.40): VU034018.D (-3418) (-)





#91

1,2-Dichlorobenzene

Concen: 18.863 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBSD01

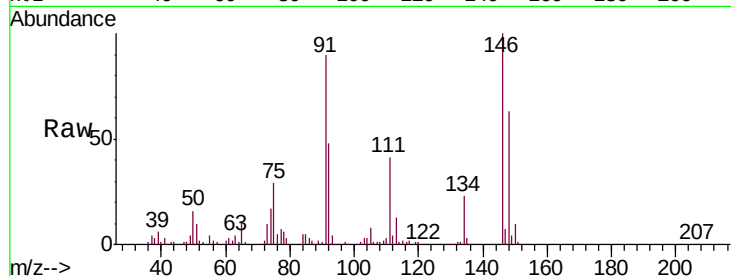
Tgt Ion:146 Resp: 185132

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.2

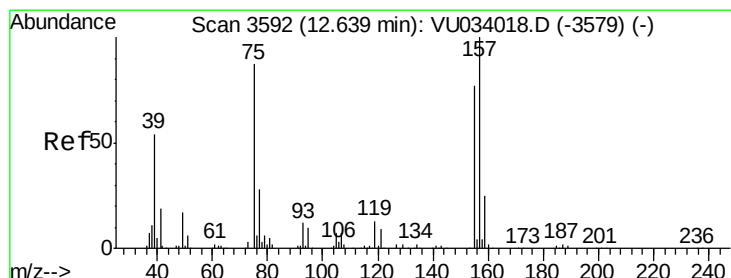
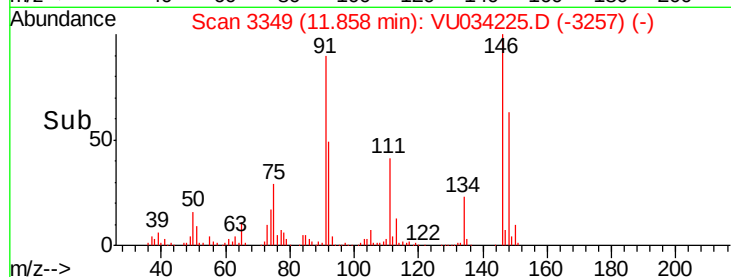
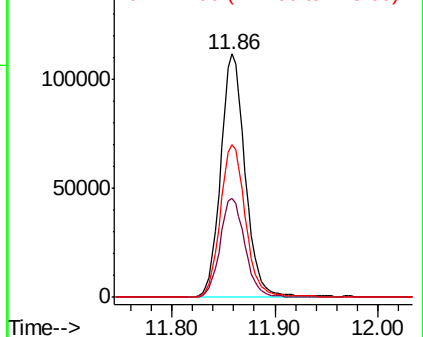
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.625 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU034225.D

Acq: 03 Sep 2019 14:38

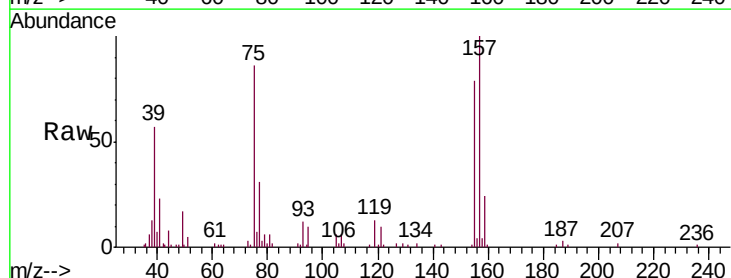
Tgt Ion: 75 Resp: 27272

Ion Ratio Lower Upper

75 100

155 90.6 43.5 130.7

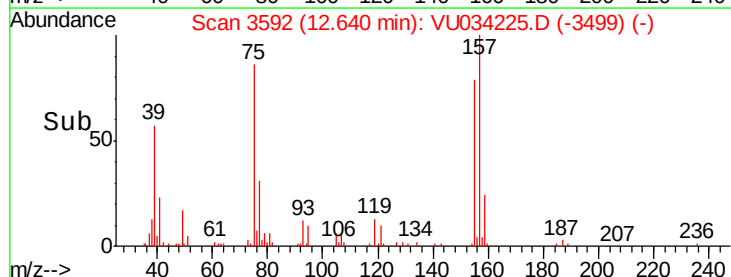
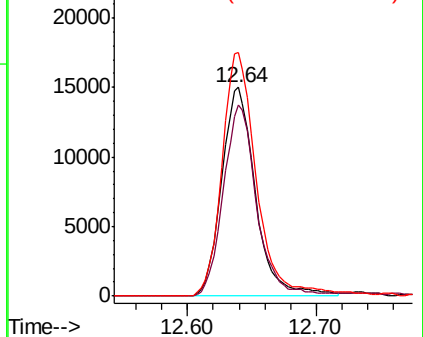
157 117.9 56.9 170.6

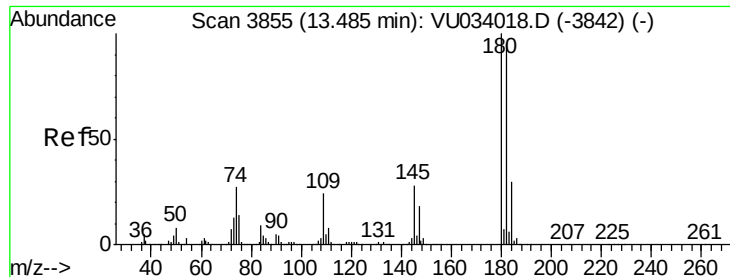


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

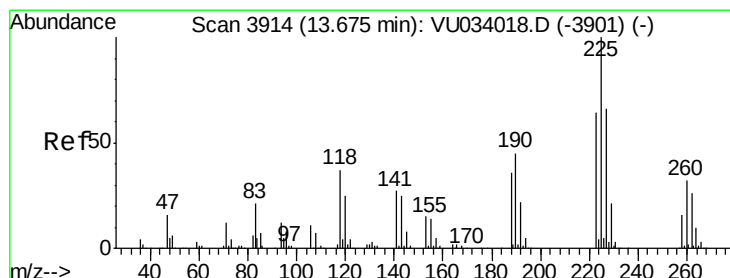
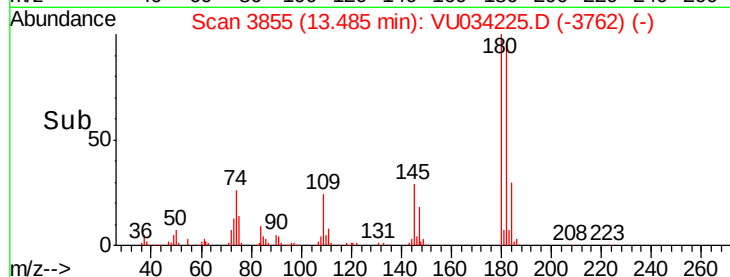
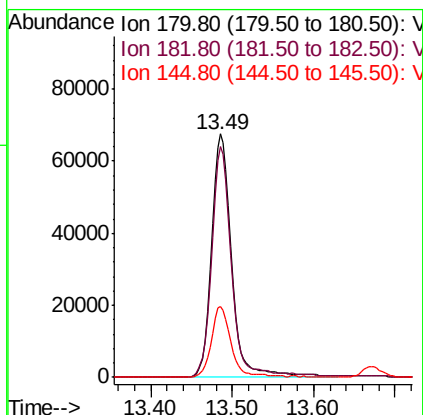
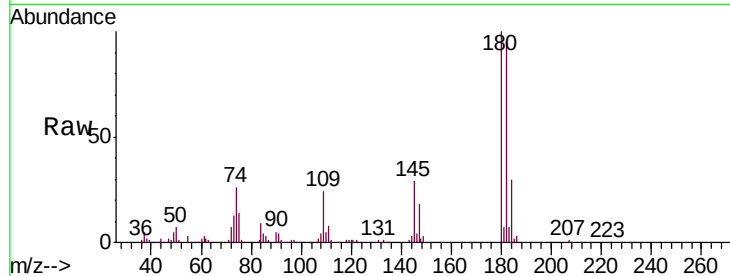




#93
 1,2,4-Trichlorobenzene
 Concen: 17.643 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

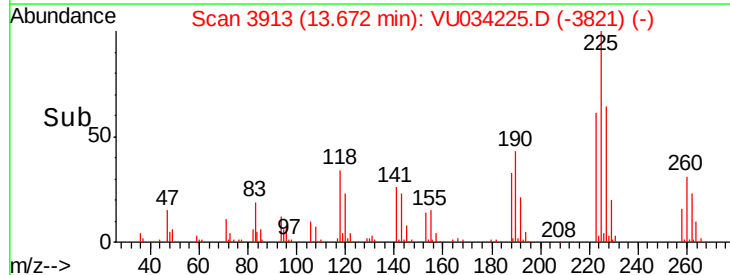
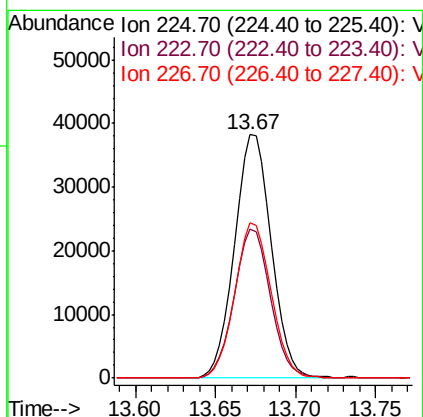
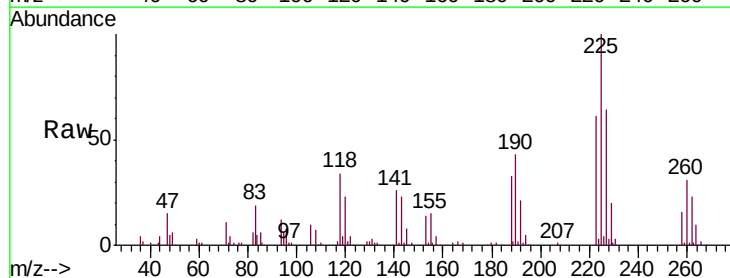
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

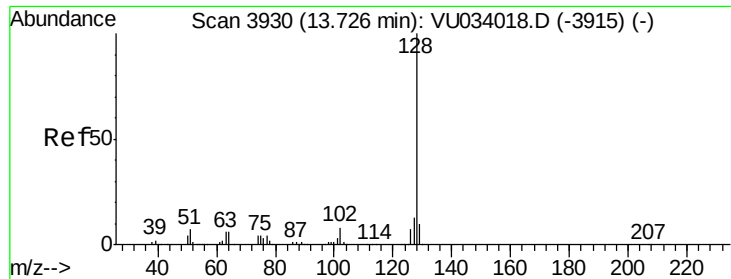
Tgt Ion:180 Resp: 118018
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.4 142.2
 145 28.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 15.576 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034225.D
 Acq: 03 Sep 2019 14:38

Tgt Ion:225 Resp: 59802
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.8 95.3
 227 63.1 32.6 97.8

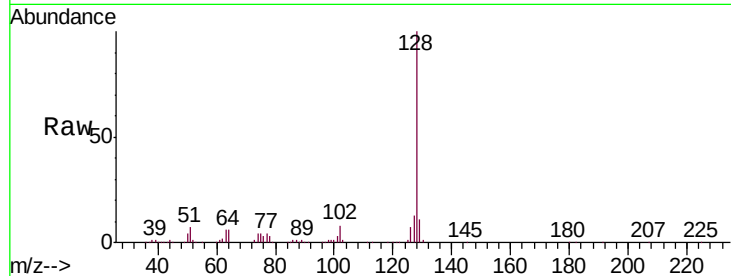




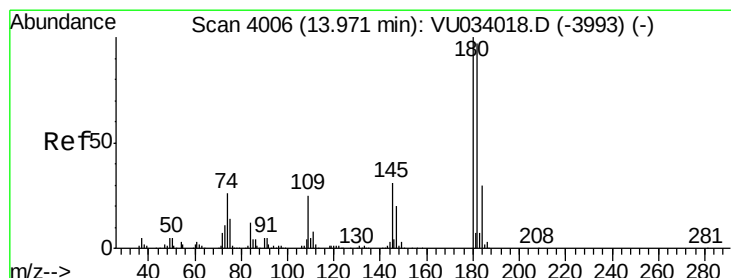
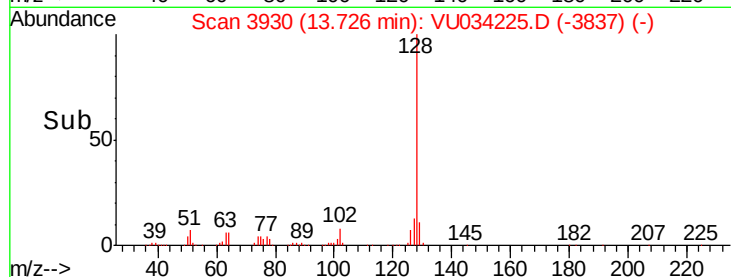
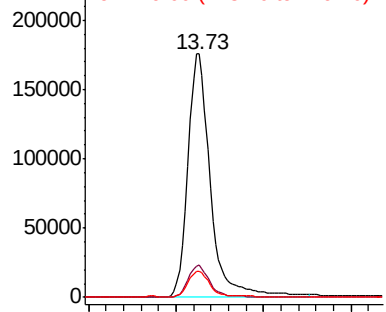
#95
Naphthalene
Concen: 17.083 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBSD01

Tgt Ion:128 Resp: 317091
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.4 12.6

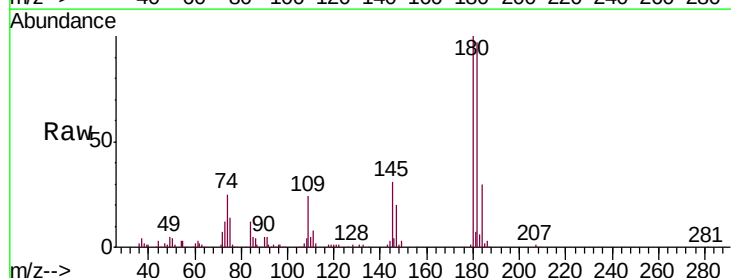


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.441 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. -0.00 min
Lab File: VU034225.D
Acq: 03 Sep 2019 14:38

Tgt Ion:180 Resp: 115935
Ion Ratio Lower Upper
180 100
182 98.4 48.2 144.6
145 30.6 15.5 46.5



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

