

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020242.D
 Acq On : 21 Dec 2020 12:09
 Operator : JC/MD
 Sample : L5094-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

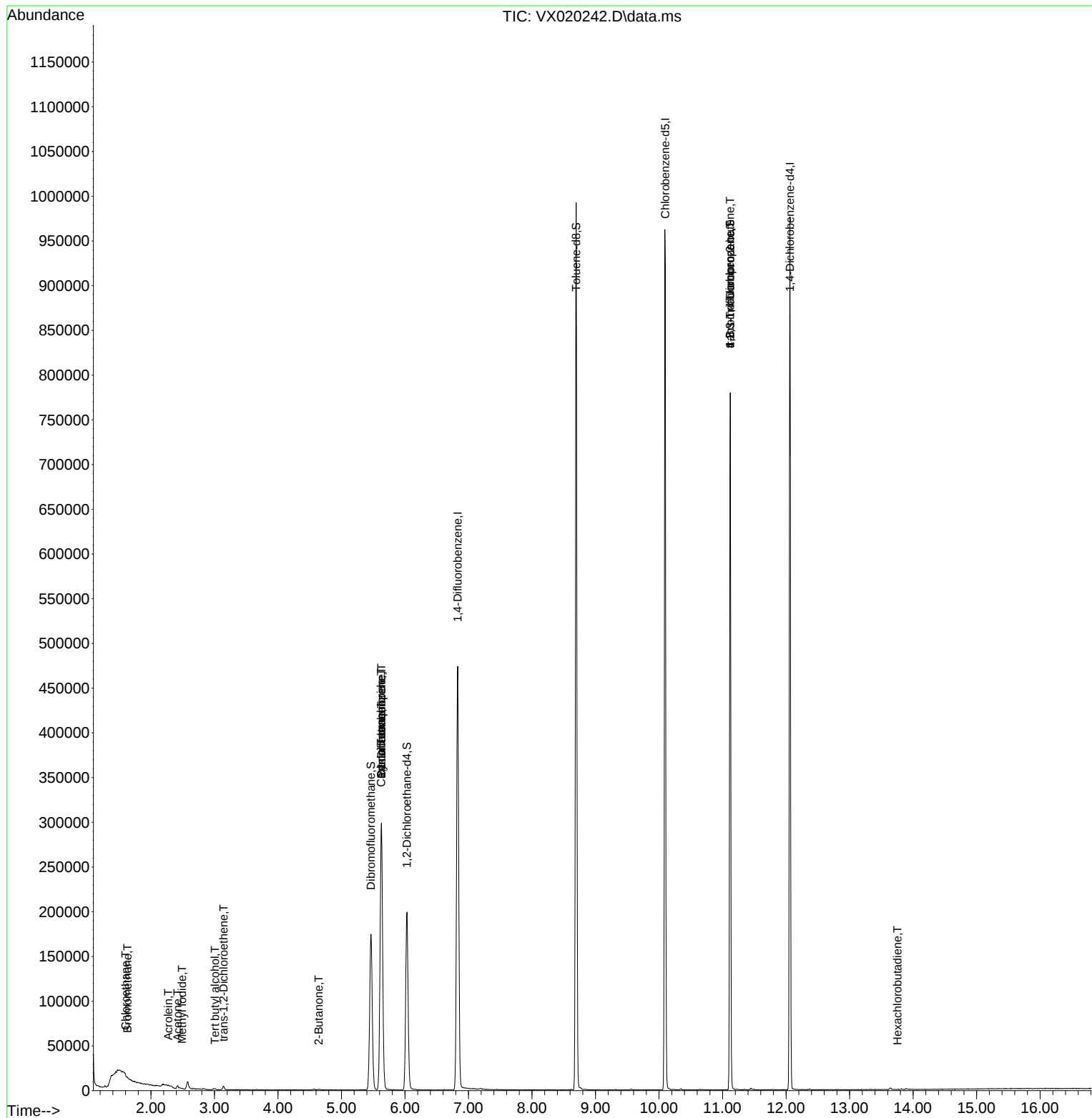
Internal Standards						
1) Pentafluorobenzene	5.629	168	278059	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	478043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	453688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	188064	50.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.92%			
35) Dibromofluoromethane	5.464	113	151388	49.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.00%			
50) Toluene-d8	8.696	98	581310	49.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.76%			
62) 4-Bromofluorobenzene	11.122	95	210490	46.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.44%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	733	0.60	ug/l #	69
6) Chloroethane	1.599	64	18828	7.93	ug/l #	49
10) Methyl Iodide	2.489	142	779	3.48	ug/l #	92
11) Tert butyl alcohol	3.008	59	996	1.19	ug/l #	73
13) Acrolein	2.270	56	189	0.36	ug/l	89
16) Acetone	2.416	43	3852	2.27	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	1444	0.42	ug/l	88
25) 2-Butanone	4.641	43	511	0.21	ug/l	94
31) Cyclohexane	5.629	56	5694	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21961	4.65	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28686	6.38	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	103567	21.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103567	63.05	ug/l #	12
94) Hexachlorobutadiene	13.756	225	72	2.68	ug/l #	36

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

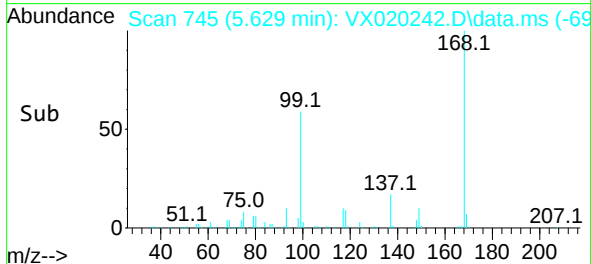
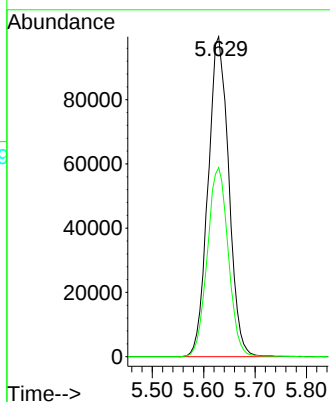
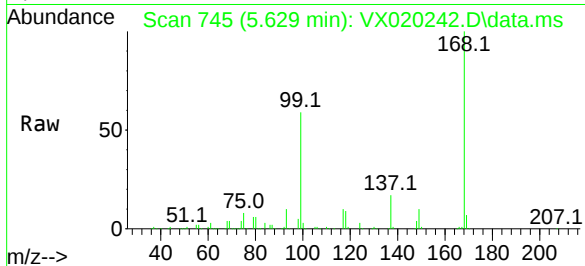




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

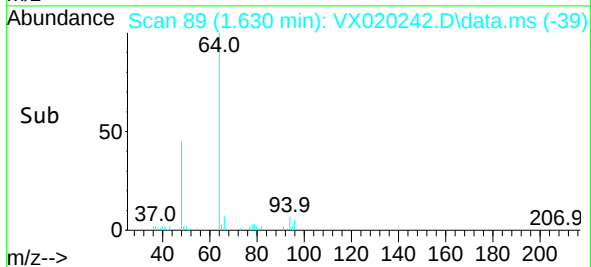
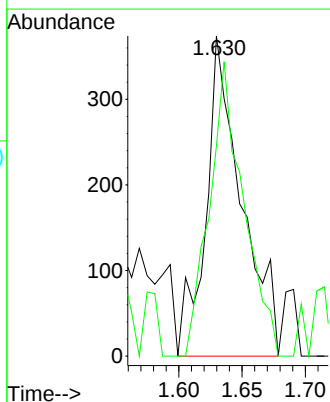
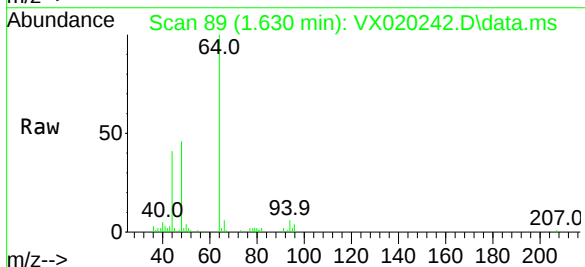
Instrument :
MSVOA_X
ClientSampled :

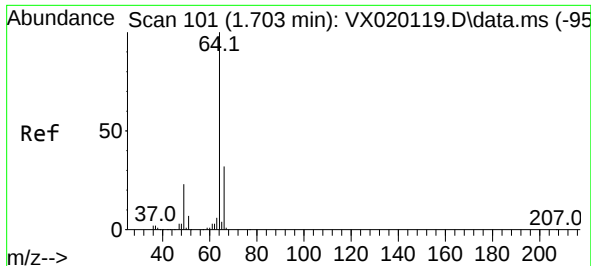
Tgt Ion:168 Resp: 278059
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#5
Bromomethane
Concen: 0.60 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 65.8 76.4 114.6#

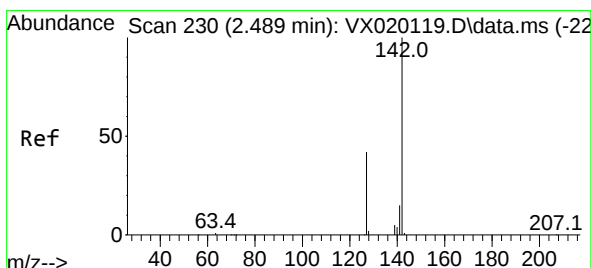
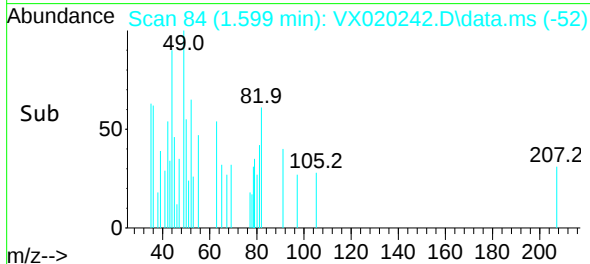
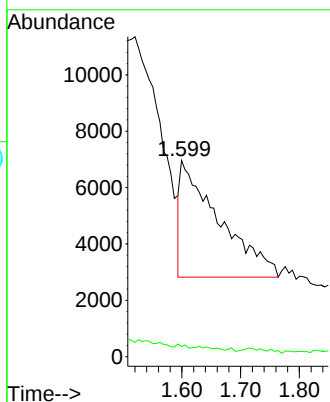
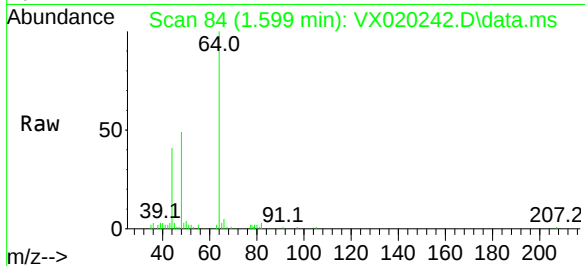




#6
Chloroethane
Concen: 7.93 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.104 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

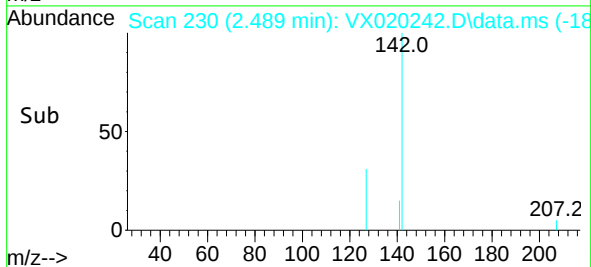
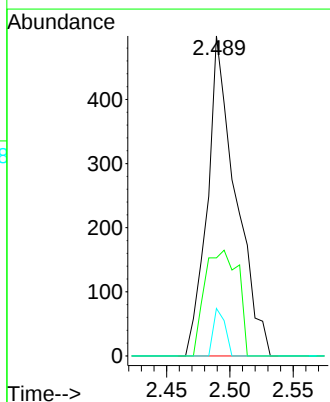
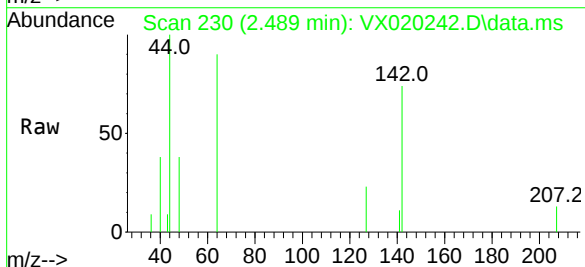
Instrument :
MSVOA_X
ClientSampleId :

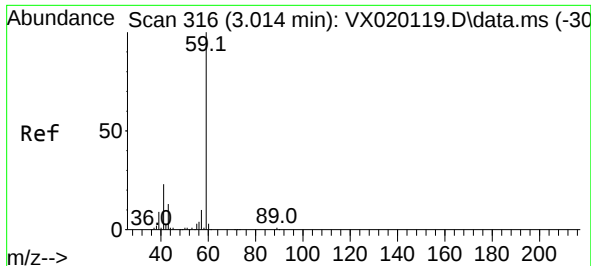
Tgt Ion: 64 Resp: 18828
Ion Ratio Lower Upper
64 100
66 3.4 25.4 38.0#



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion:142 Resp: 779
Ion Ratio Lower Upper
142 100
127 38.8 33.3 49.9
141 6.0 11.4 17.0#

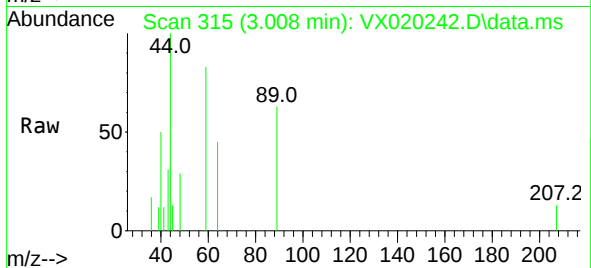




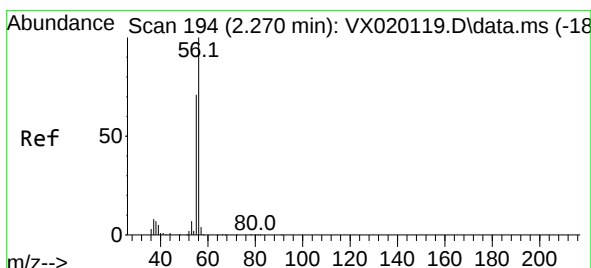
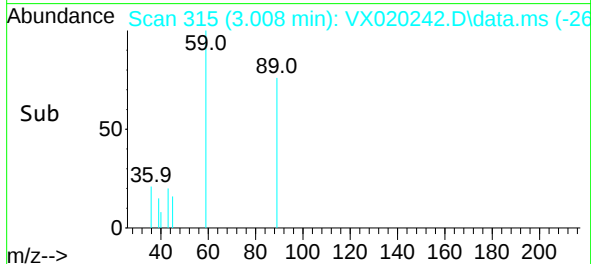
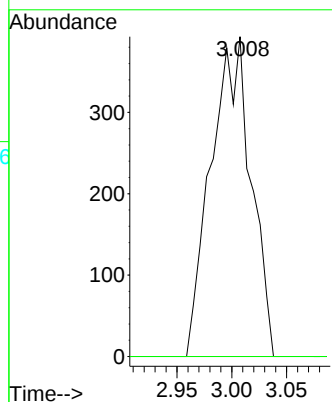
#11

Tert butyl alcohol
Concen: 1.19 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Instrument :
MSVOA_X
ClientSampled :



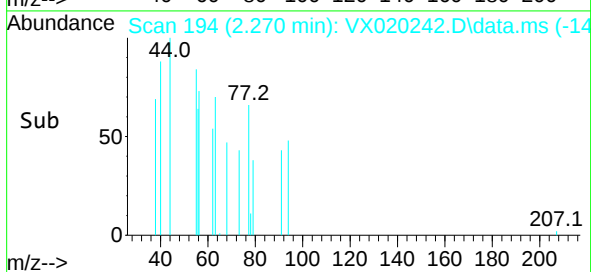
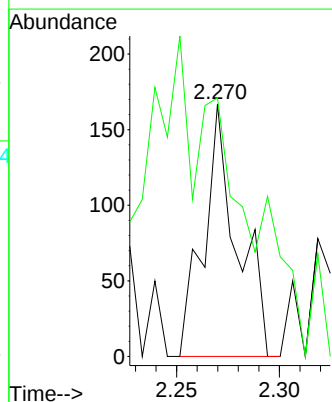
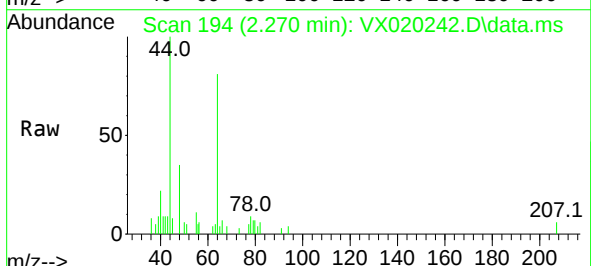
Tgt Ion: 59 Resp: 996
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13

Acrolein
Concen: 0.36 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 79.4 56.4 84.6

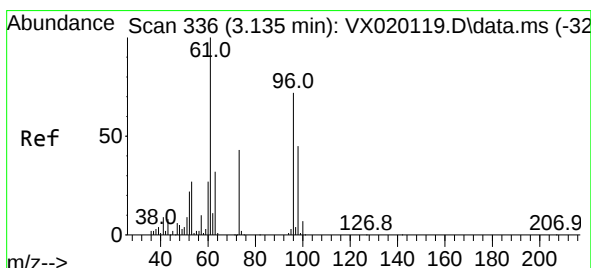
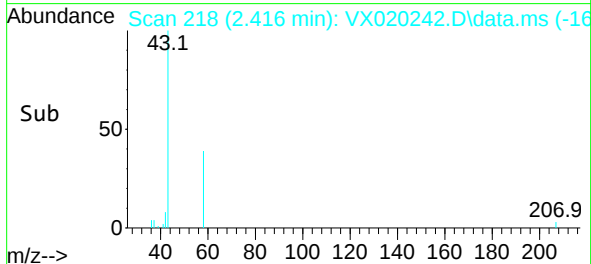
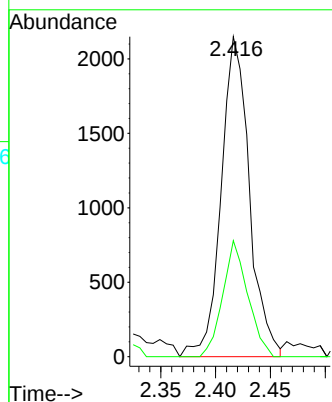
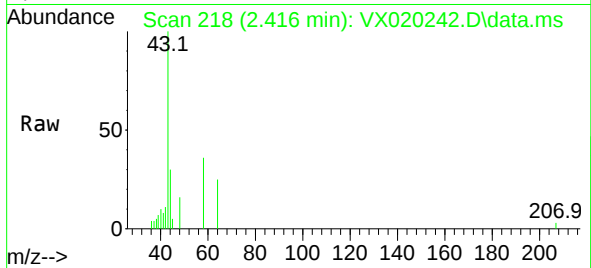




#16
Acetone
Concen: 2.27 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

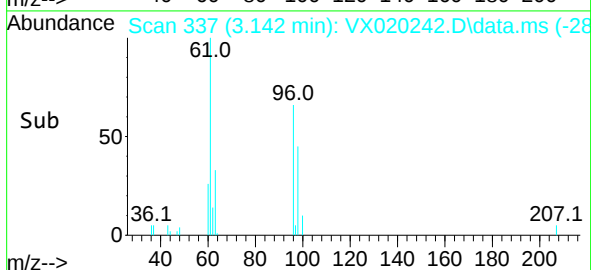
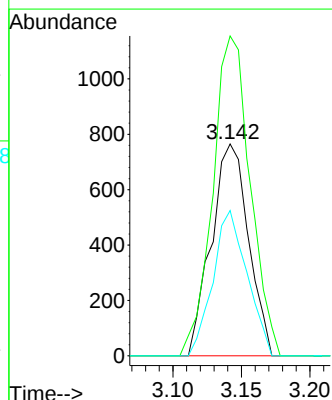
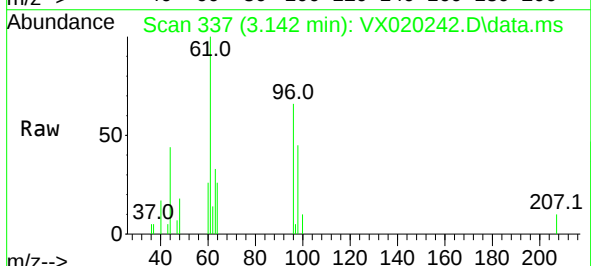
Instrument :
MSVOA_X
ClientSampled :

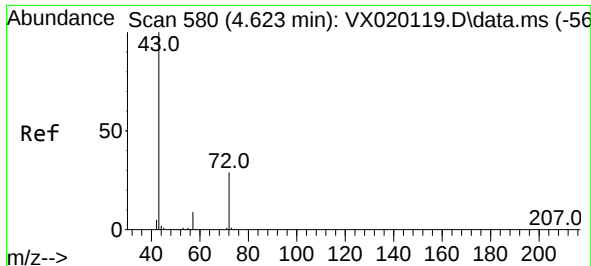
Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 151.0 107.7 161.5
98 68.6 50.4 75.6

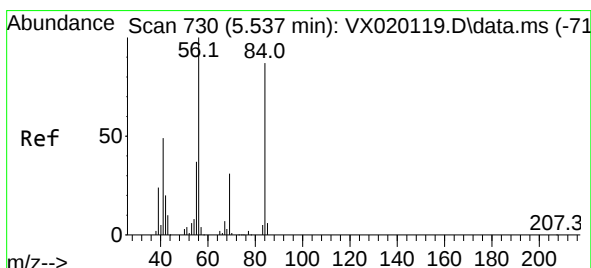
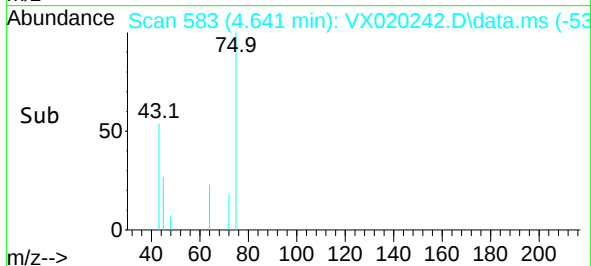
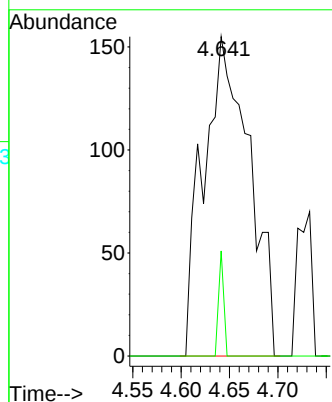
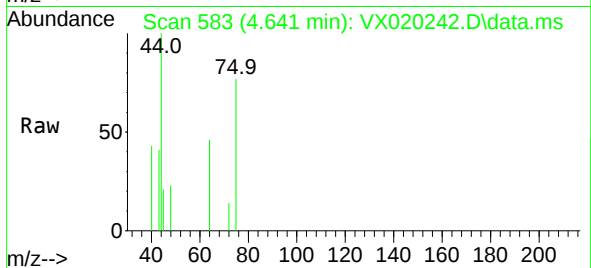




#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

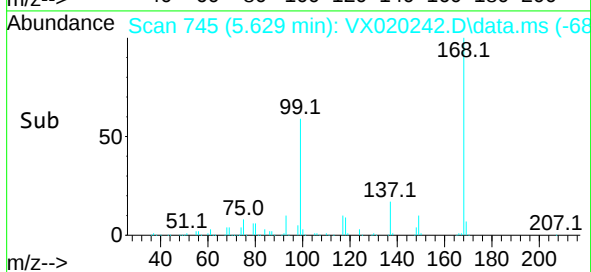
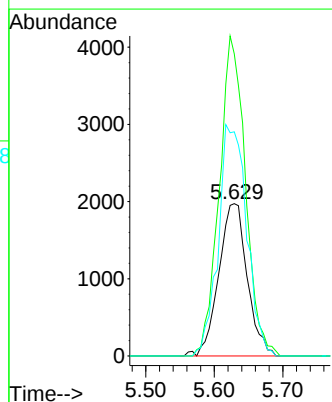
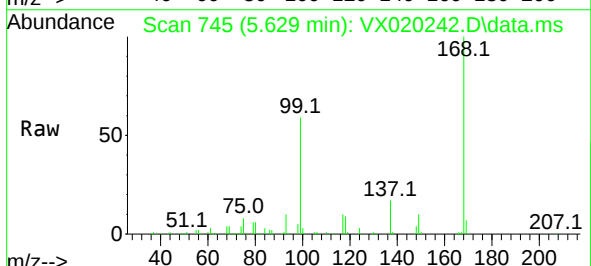
Instrument :
MSVOA_X
ClientSampled :

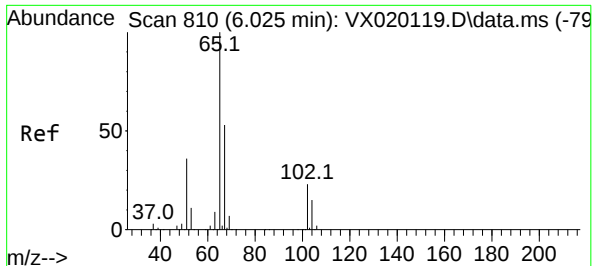
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
72 32.9 23.7 35.5



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 56 Resp: 5694
Ion Ratio Lower Upper
56 100
69 198.3 25.3 37.9#
84 147.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.46 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020242.D

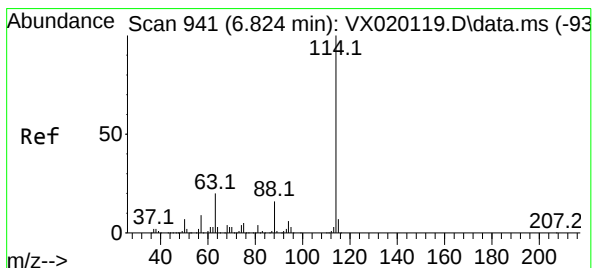
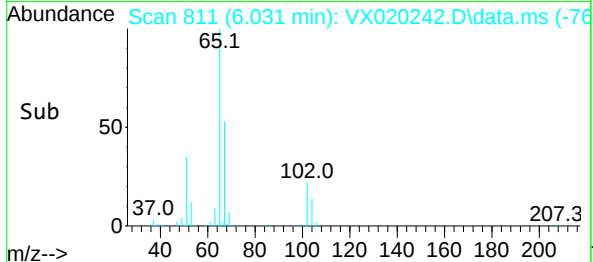
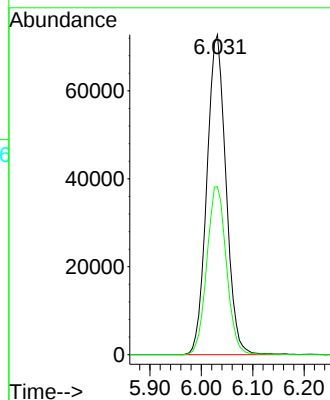
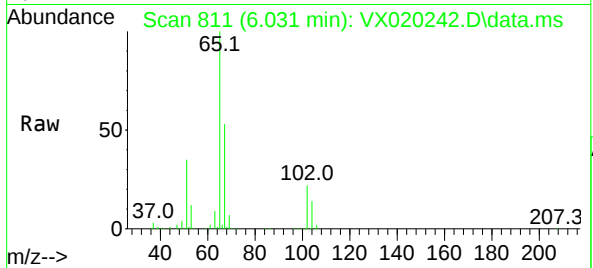
Acq: 21 Dec 2020 12:09

Tgt Ion: 65 Resp: 188064

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020242.D

Acq: 21 Dec 2020 12:09

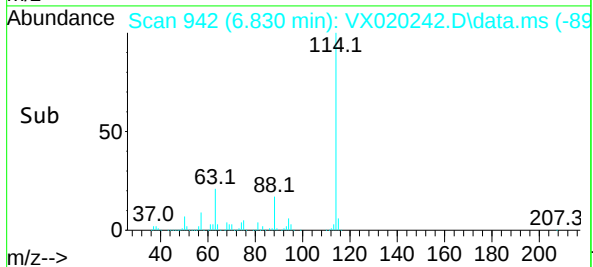
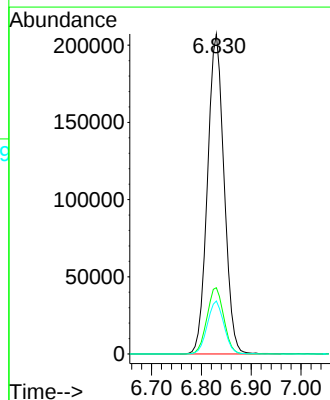
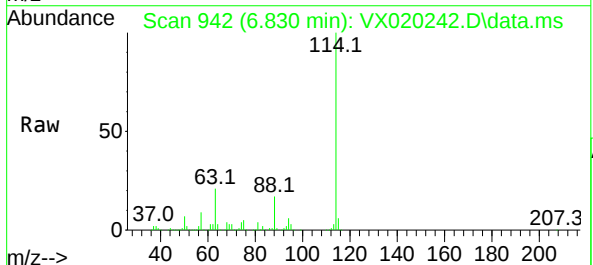
Tgt Ion: 114 Resp: 478043

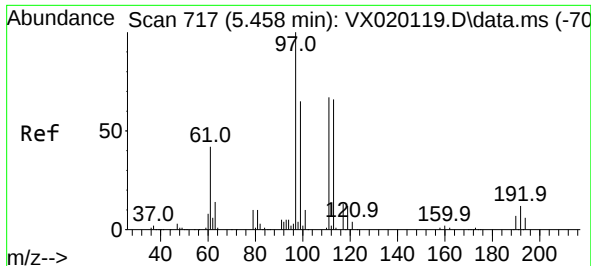
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.5 0.0 32.8

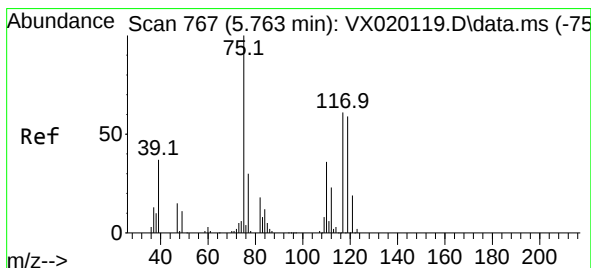
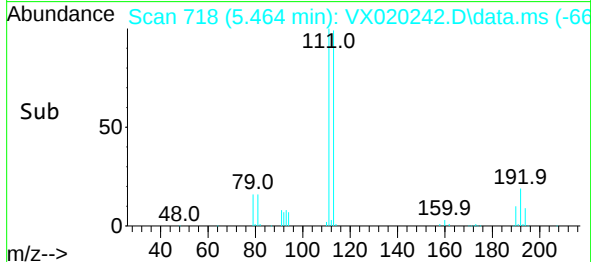
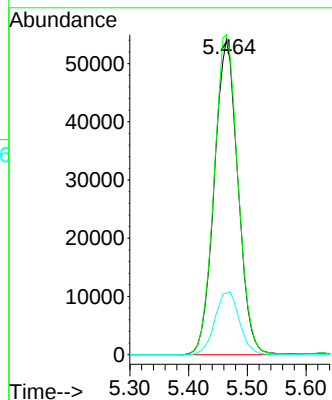
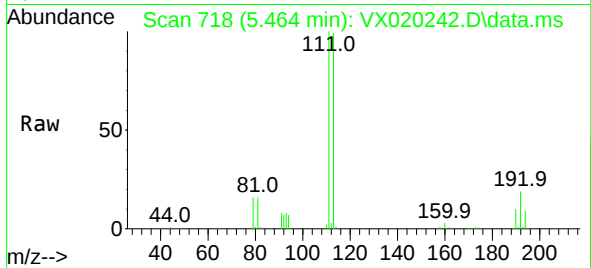




#35
Dibromofluoromethane
Concen: 49.50 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

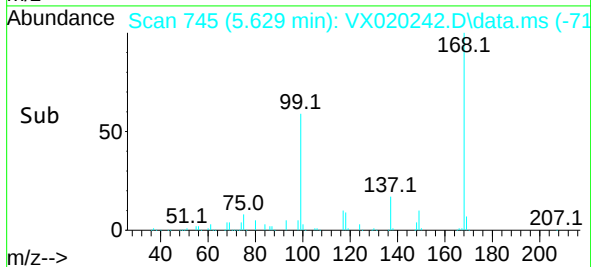
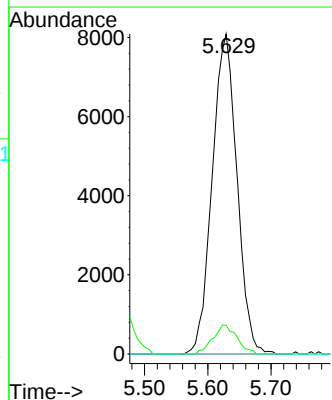
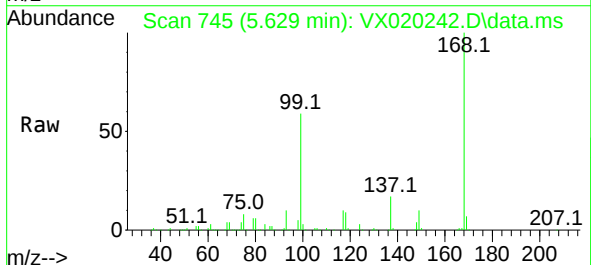
Instrument :
MSVOA_X
ClientSampled :

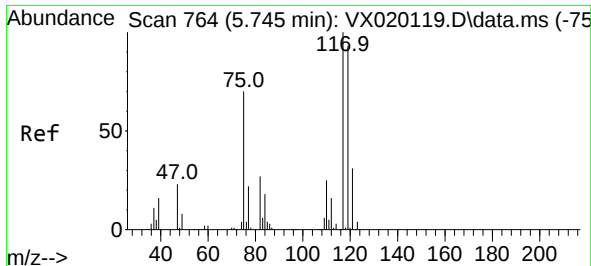
Tgt Ion:113 Resp: 151388
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

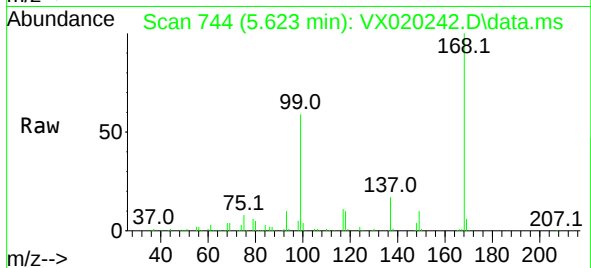
Tgt Ion: 75 Resp: 21961
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



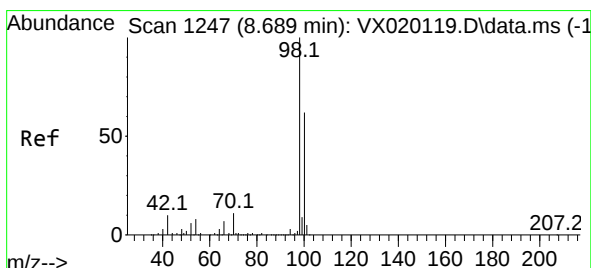
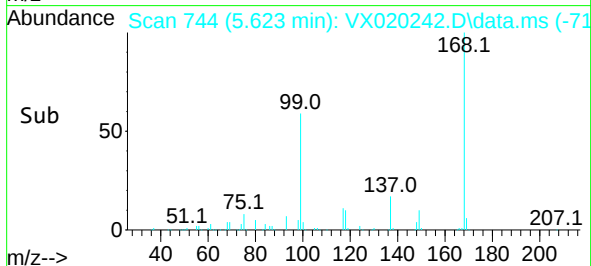
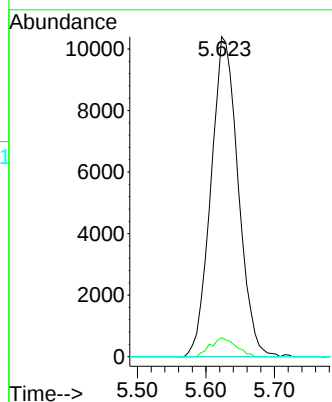


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :

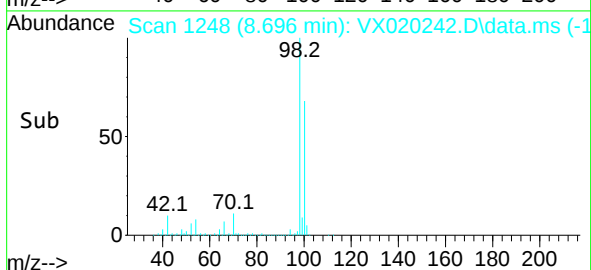
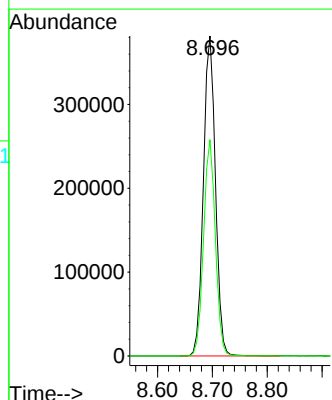
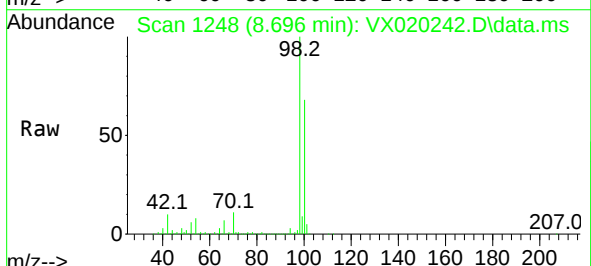


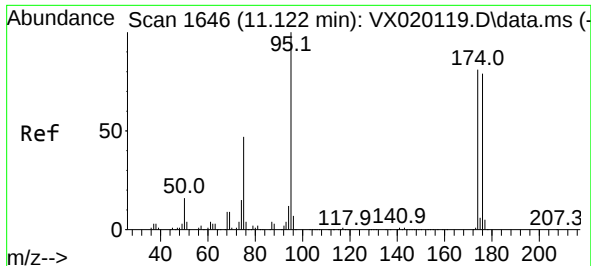
Tgt Ion:117 Resp: 28686
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 98 Resp: 581310
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

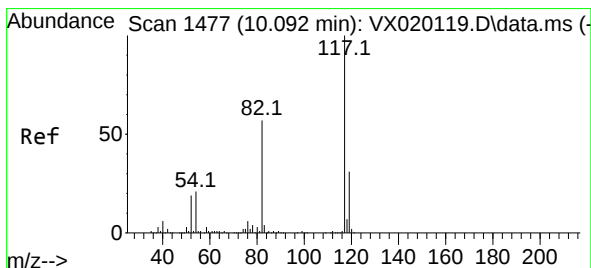
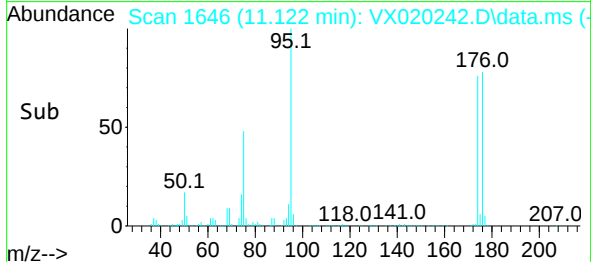
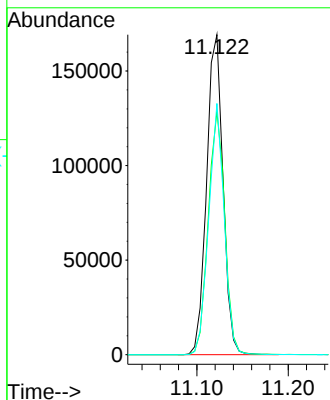
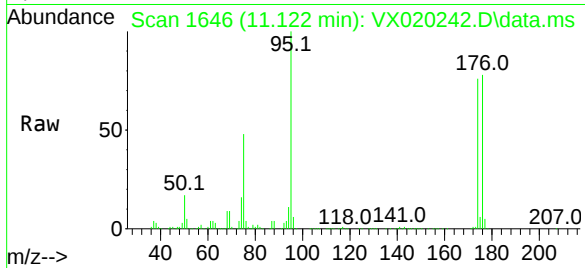




#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

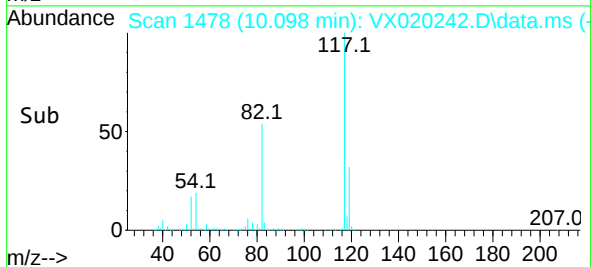
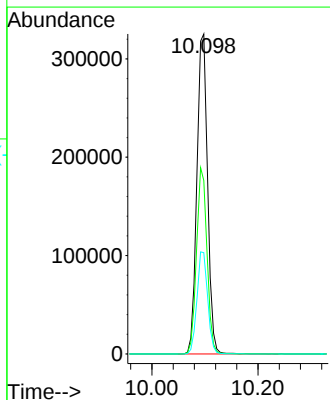
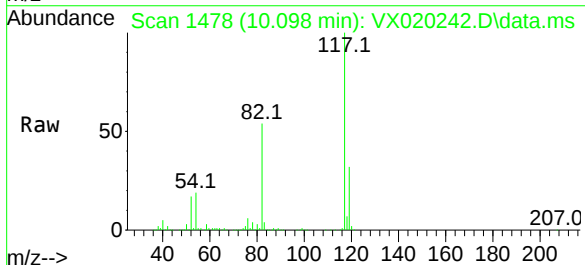
Instrument :
MSVOA_X
ClientSampleId :

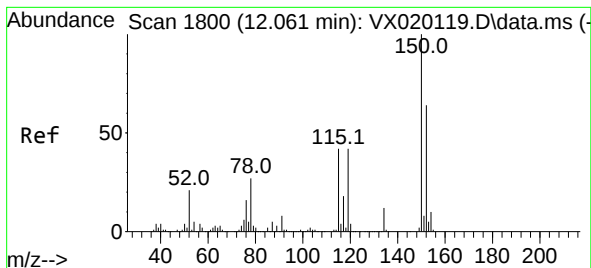
Tgt Ion: 95 Resp: 210490
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

Tgt Ion: 117 Resp: 453688
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.6 26.6 39.8

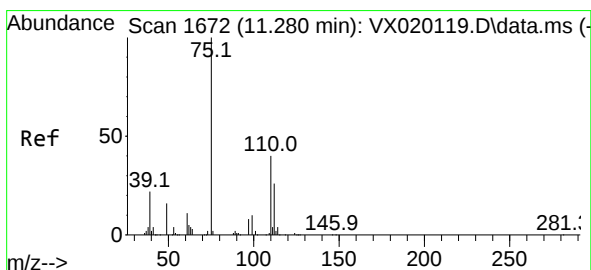
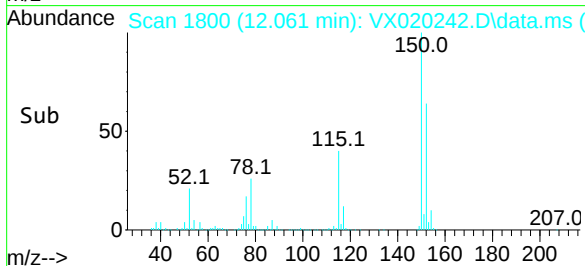
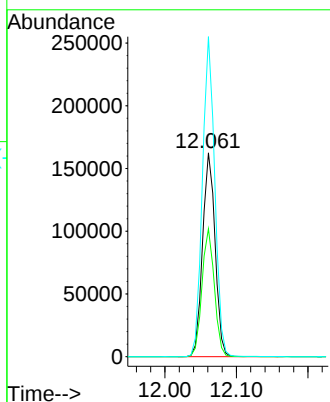
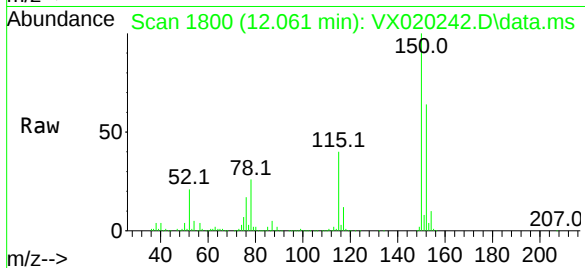




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

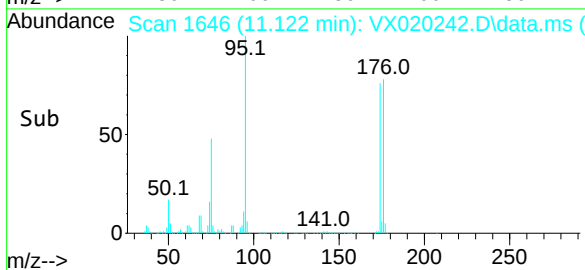
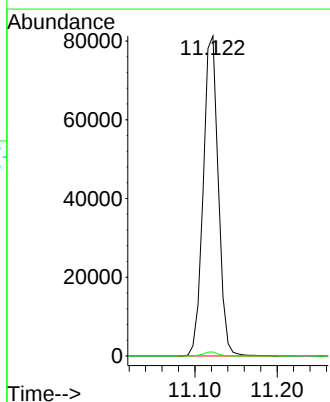
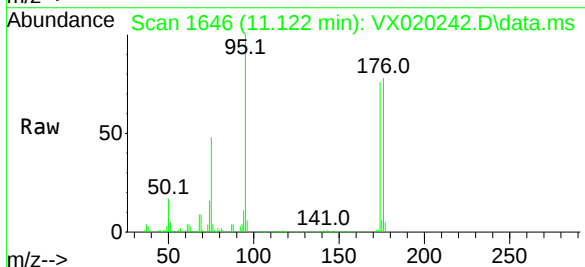
Instrument :
MSVOA_X
ClientSampled :

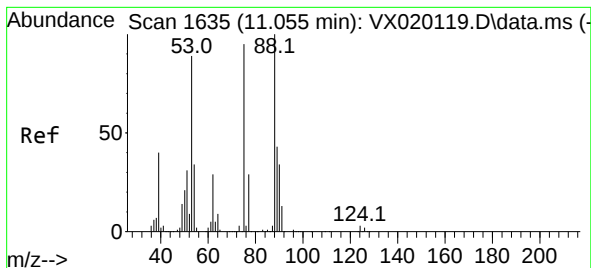
Tgt Ion:152 Resp: 197836
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 154.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

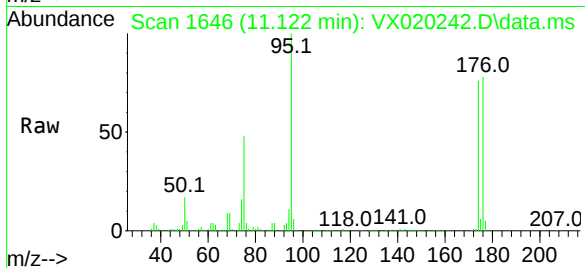
Tgt Ion: 75 Resp: 103567
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



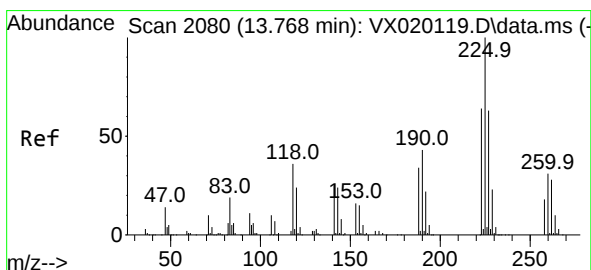
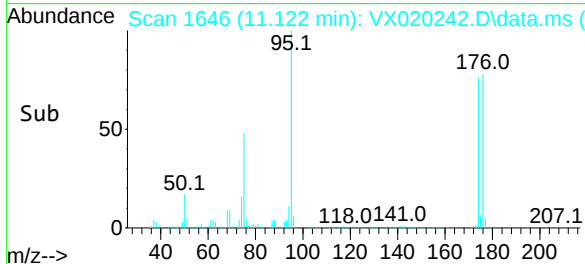
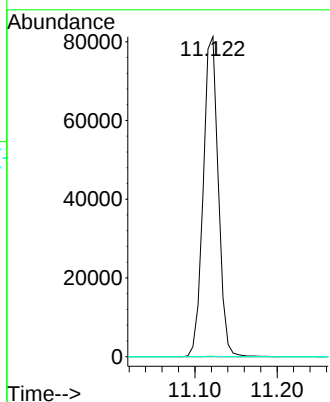


#81
trans-1,4-Dichloro-2-butene
Concen: 63.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09

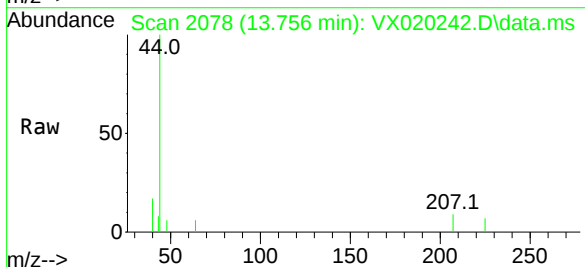
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 103567
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.68 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.012 min
Lab File: VX020242.D
Acq: 21 Dec 2020 12:09



Tgt Ion: 225 Resp: 72
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 26.4 31.6 95.0#

