

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020209.D
 Acq On : 20 Dec 2020 06:43
 Operator : JC/MD
 Sample : L5094-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW006(SBR)-121320

Quant Time: Dec 21 02:45:27 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)

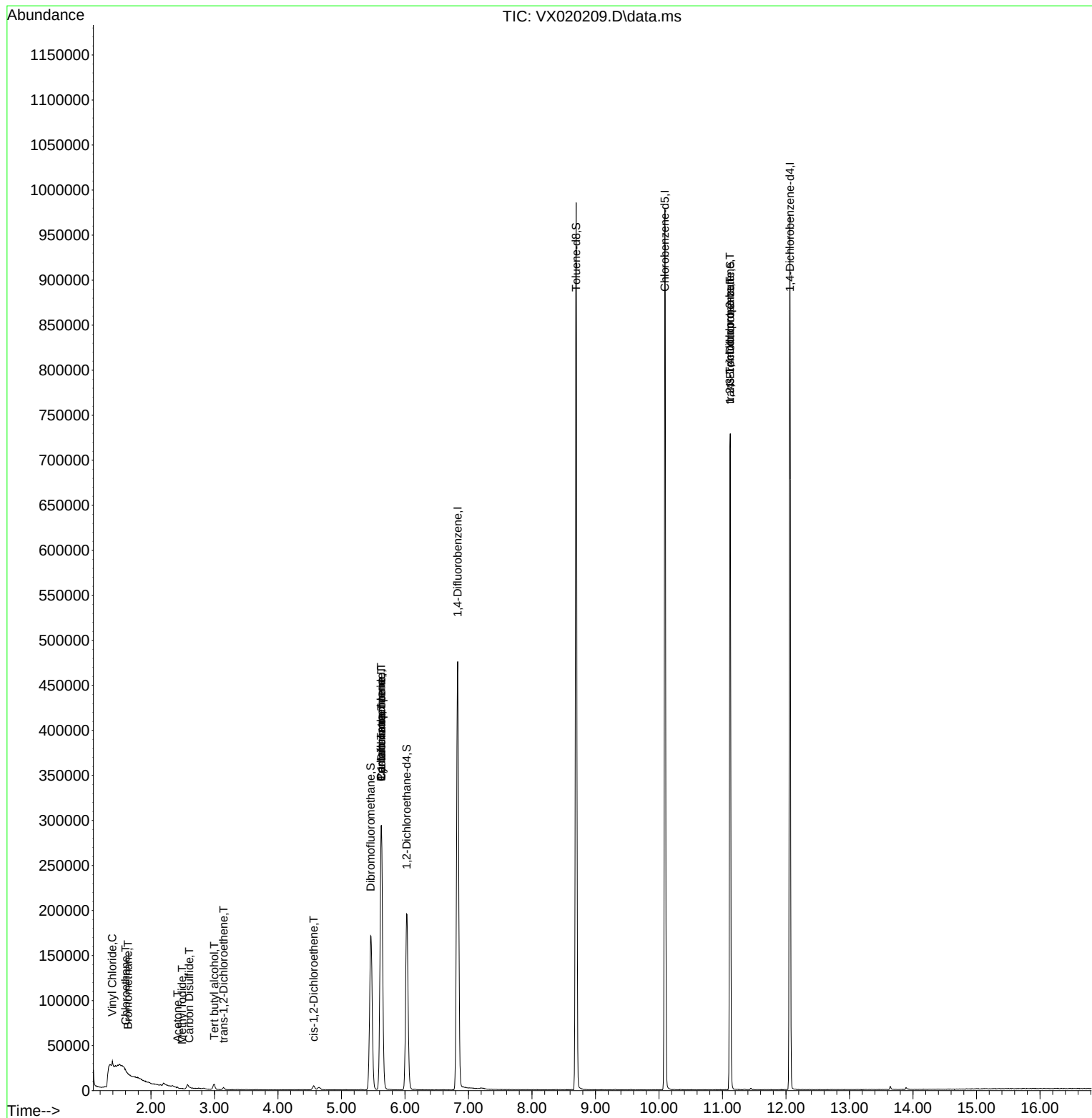
Internal Standards						
1) Pentafluorobenzene	5.623	168	283289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	481737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	447006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	190090	50.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.12%			
35) Dibromofluoromethane	5.458	113	152088	49.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.70%			
50) Toluene-d8	8.696	98	585761	49.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.76%			
62) 4-Bromofluorobenzene	11.122	95	205530	45.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.54%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	3589	0.92	ug/l #	83
5) Bromomethane	1.636	94	518	0.42	ug/l	92
6) Chloroethane	1.599	64	12336	5.10	ug/l #	55
10) Methyl Iodide	2.489	142	157	3.32	ug/l #	42
11) Tert butyl alcohol	2.995	59	3582	4.21	ug/l #	73
16) Acetone	2.416	43	1668	0.96	ug/l #	83
17) Carbon Disulfide	2.605	76	4916	0.58	ug/l #	91
21) trans-1,2-Dichloroethene	3.142	96	893	0.25	ug/l #	86
27) cis-1,2-Dichloroethene	4.562	96	2813	0.71	ug/l	93
31) Cyclohexane	5.629	56	5780	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22241	4.67	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28430	6.28	ug/l #	18
76) 1,2,3-Trichloropropane	11.116	75	99379	20.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99379	61.16	ug/l #	12

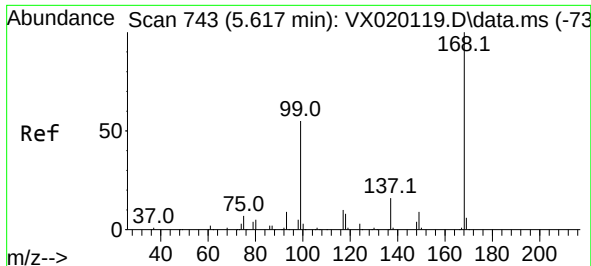
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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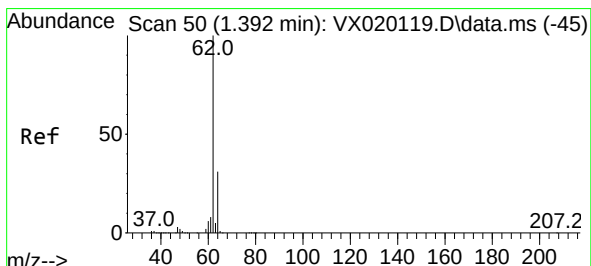
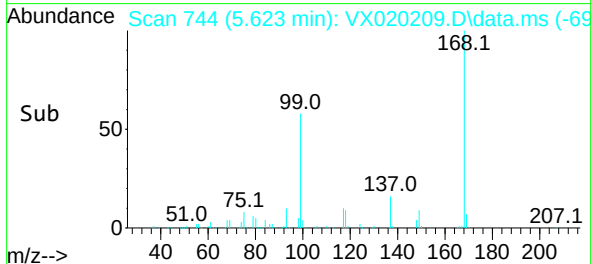
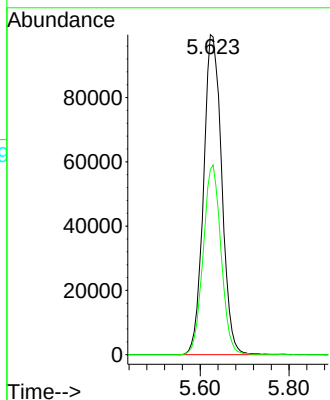
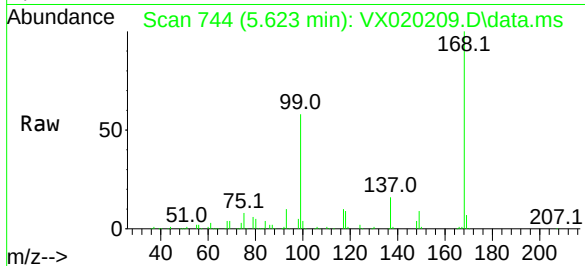




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

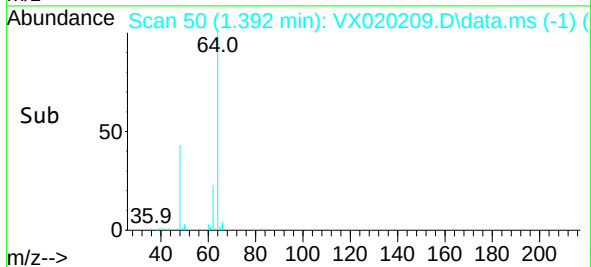
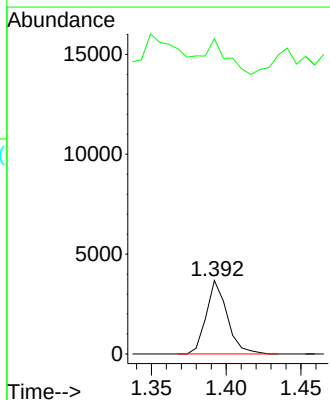
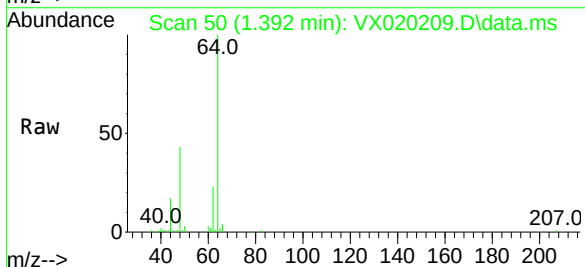
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

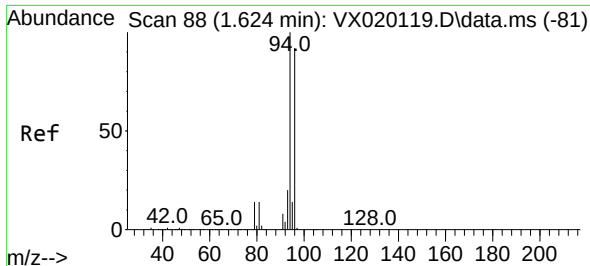
Tgt Ion:168 Resp: 283289
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#4
Vinyl Chloride
Concen: 0.92 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 62 Resp: 3589
Ion Ratio Lower Upper
62 100
64 22.3 25.7 38.5#

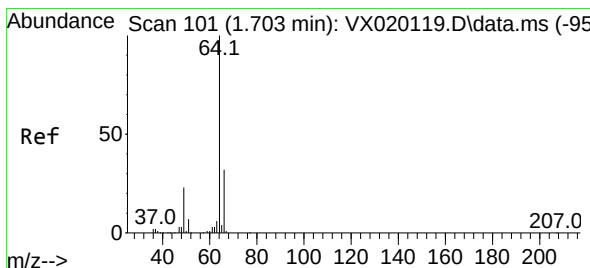
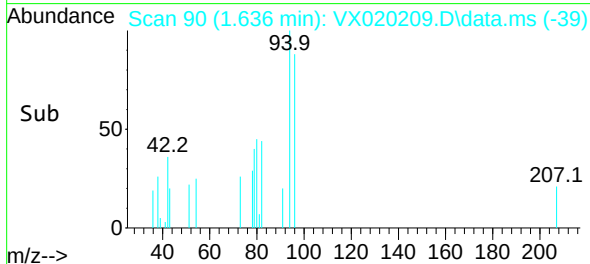
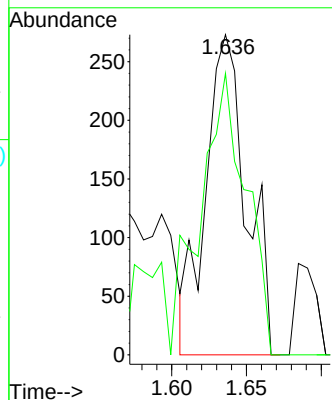
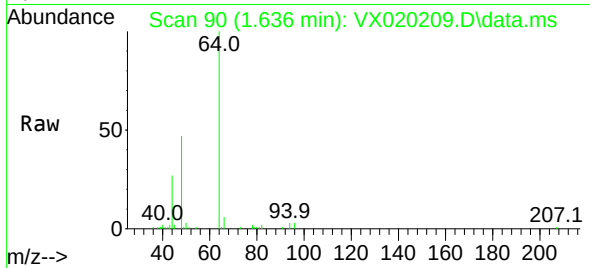




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

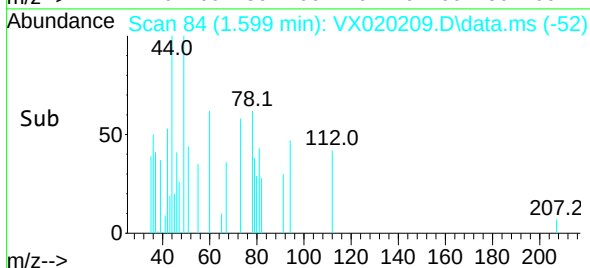
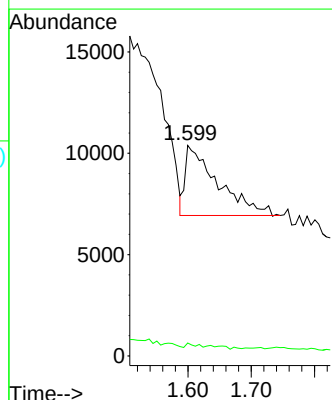
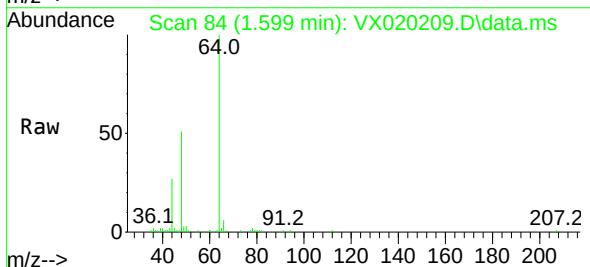
Instrument :
MSVOA_X
ClientSampleId :
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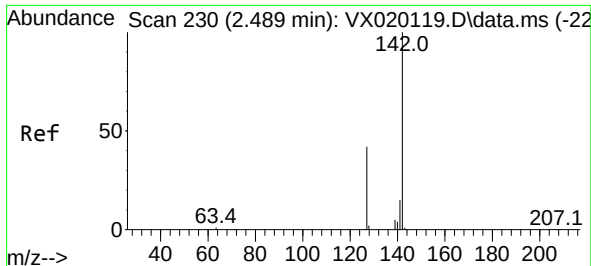
Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 87.9 76.4 114.6



#6
Chloroethane
Concen: 5.10 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.104 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 64 Resp: 12336
Ion Ratio Lower Upper
64 100
66 6.6 25.4 38.0#

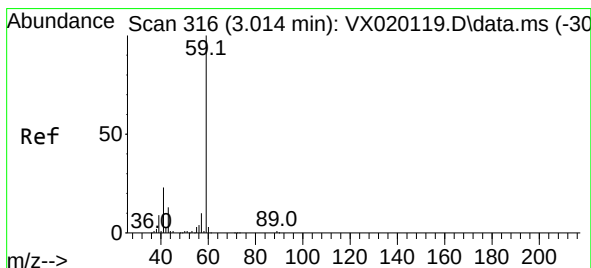
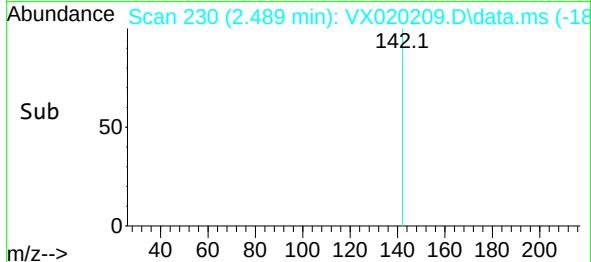
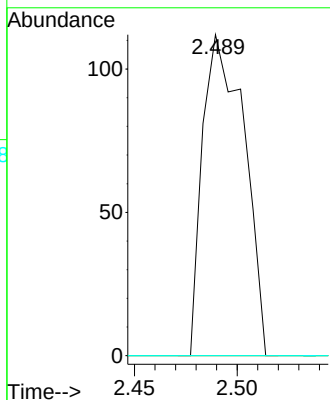
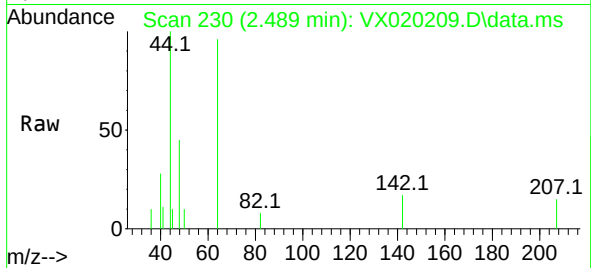




#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

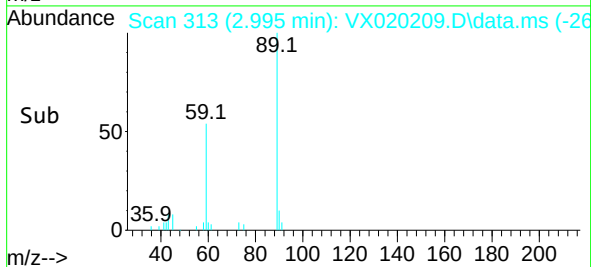
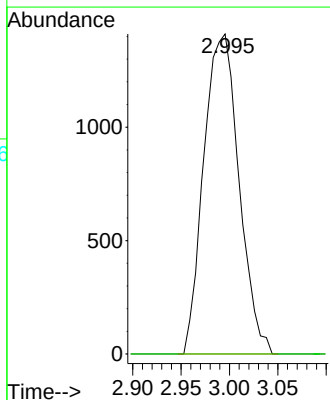
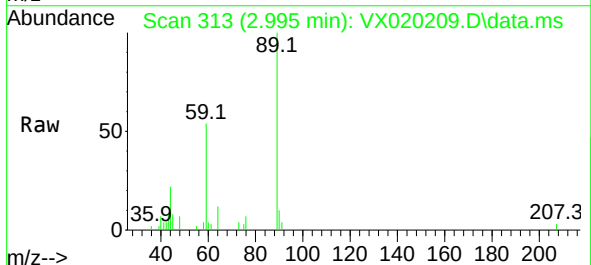
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

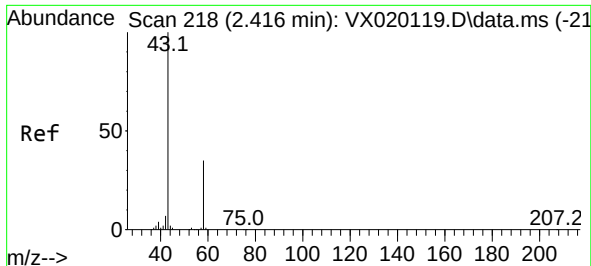
Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.21 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 59 Resp: 3582
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

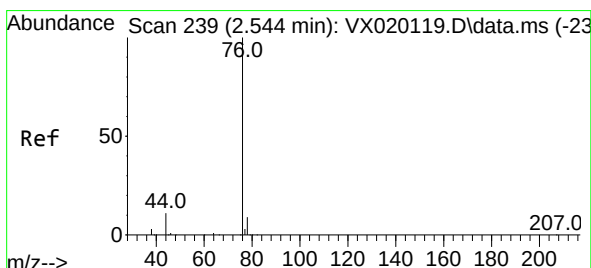
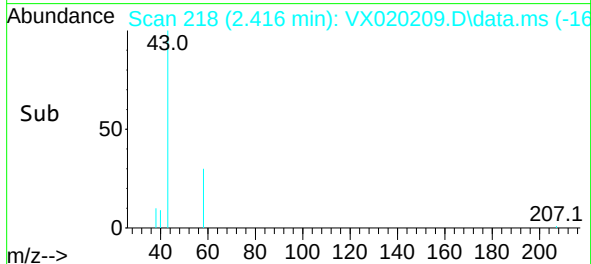
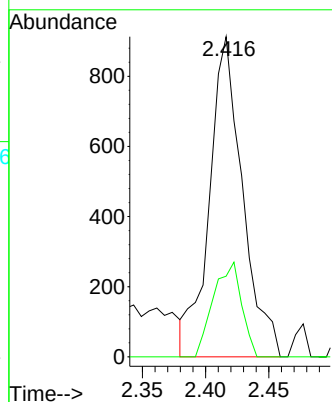
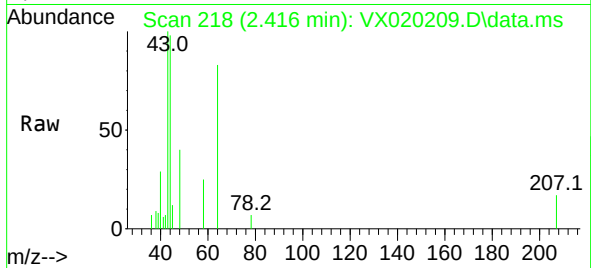




#16
Acetone
Concen: 0.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

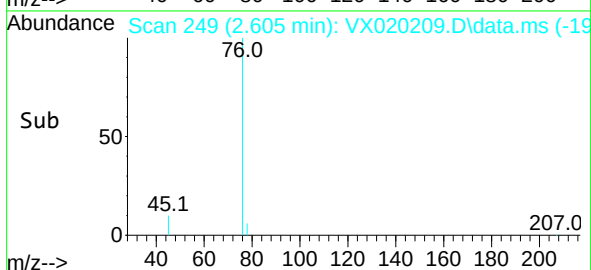
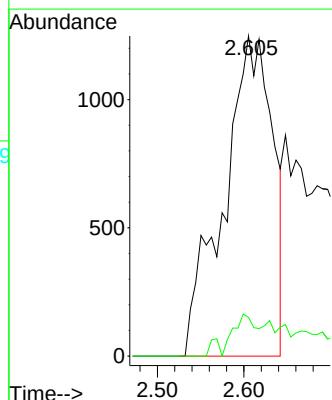
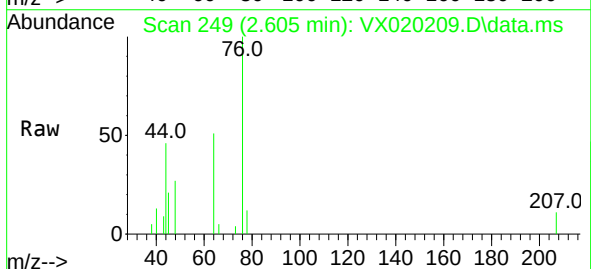
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

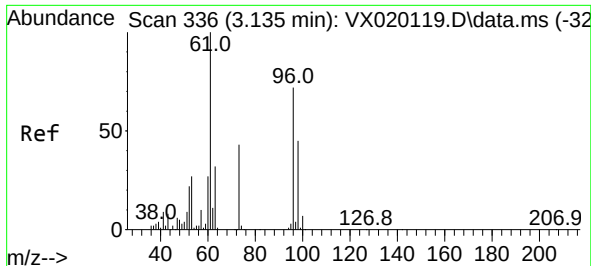
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.58 ug/l
RT: 2.605 min Scan# 249
Delta R.T. 0.061 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

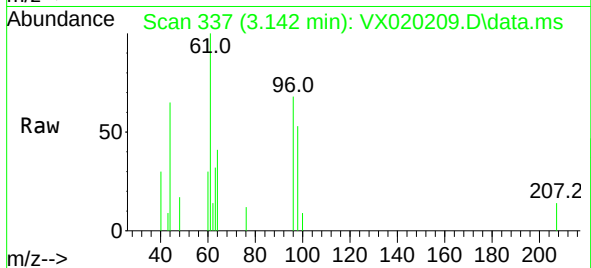
Tgt Ion: 76 Resp: 4916
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#



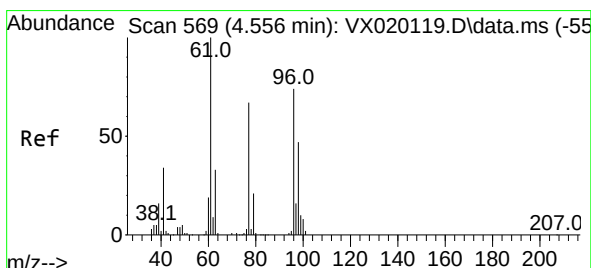
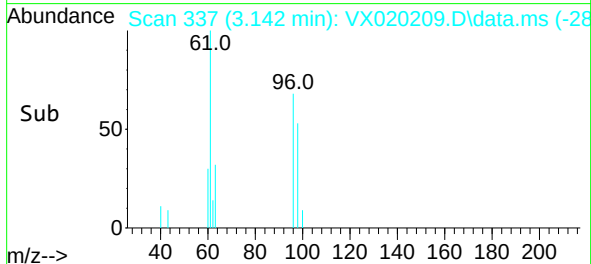
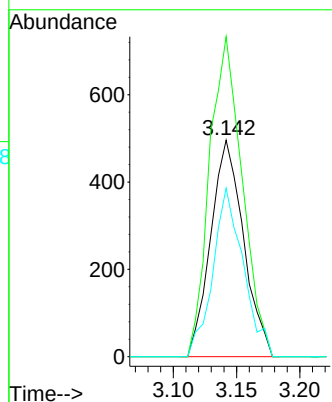


#21
trans-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

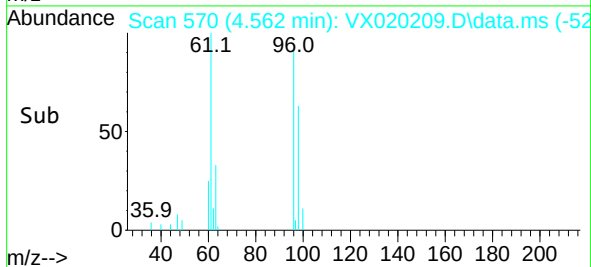
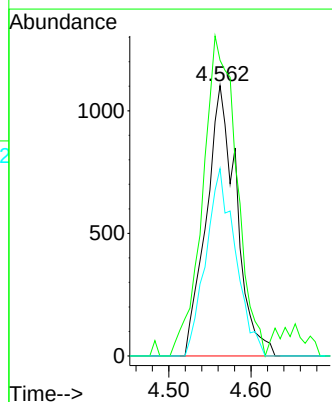
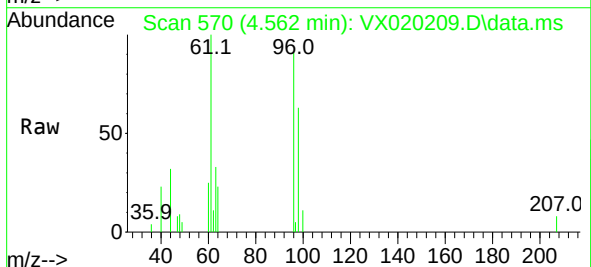


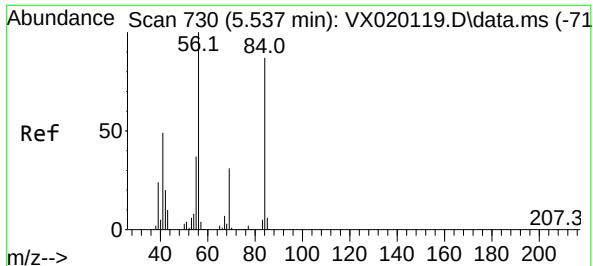
Tgt Ion: 96 Resp: 893
Ion Ratio Lower Upper
96 100
61 147.8 107.7 161.5
98 77.8 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 0.71 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

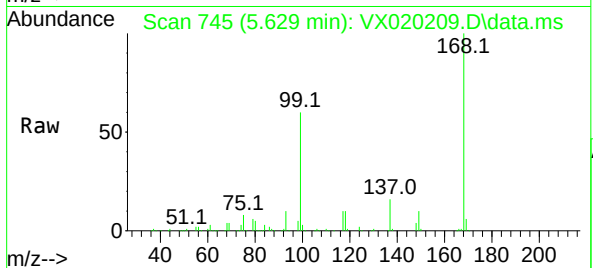
Tgt Ion: 96 Resp: 2813
Ion Ratio Lower Upper
96 100
61 133.0 0.0 285.6
98 68.0 0.0 129.6



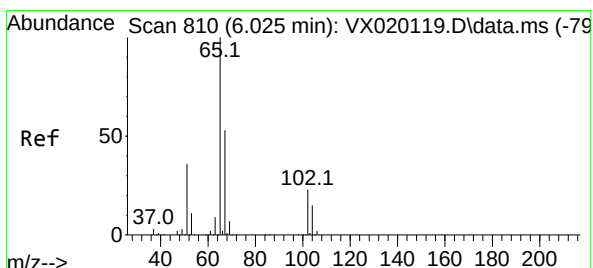
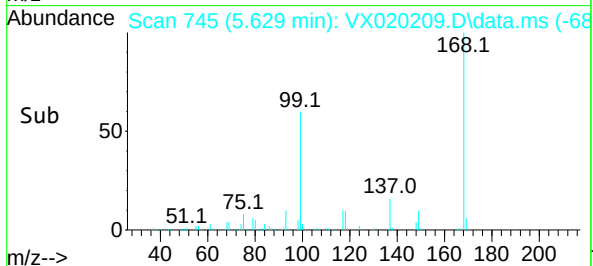
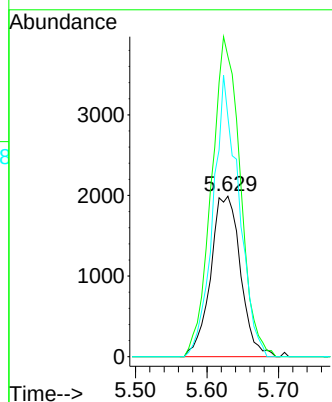


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Instrument :
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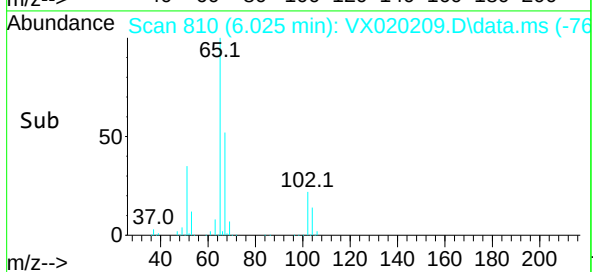
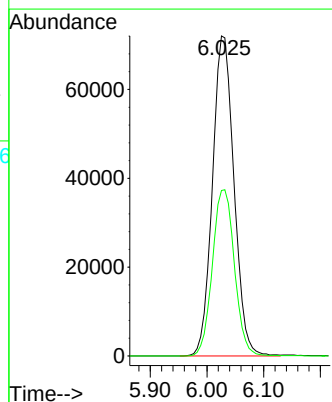
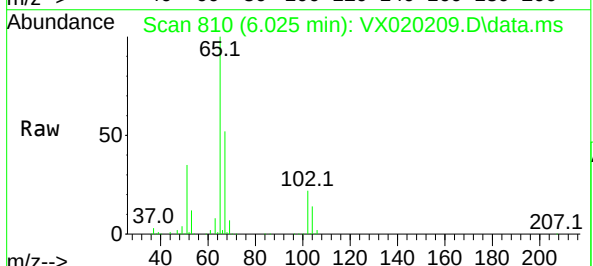


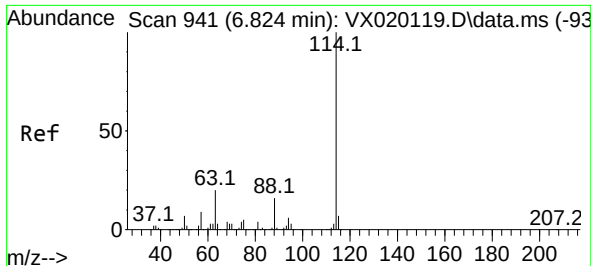
Tgt Ion: 56 Resp: 5780
Ion Ratio Lower Upper
56 100
69 187.1 25.3 37.9#
84 149.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.06 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 65 Resp: 190090
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

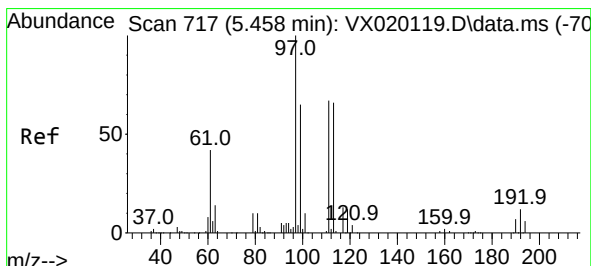
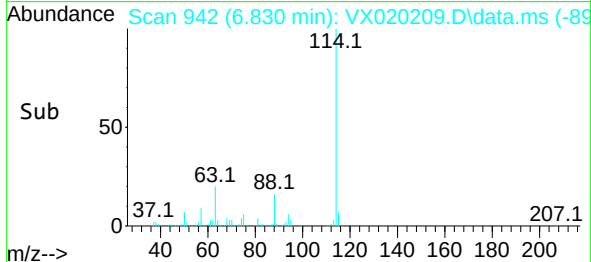
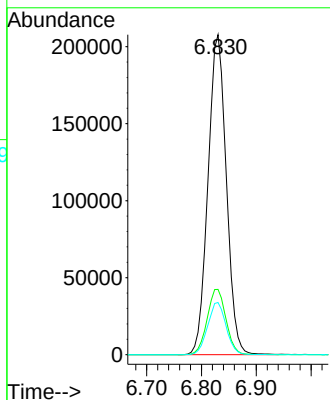
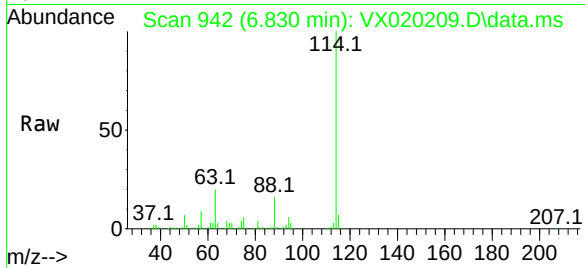




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

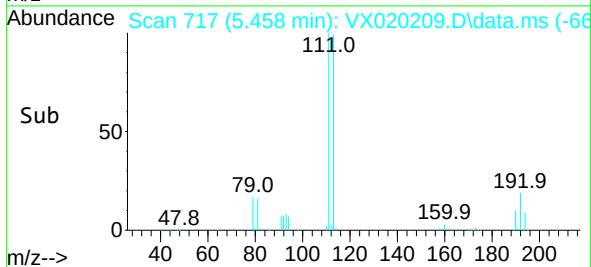
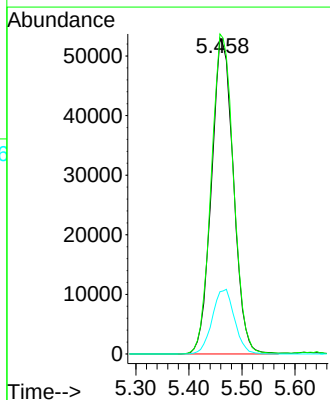
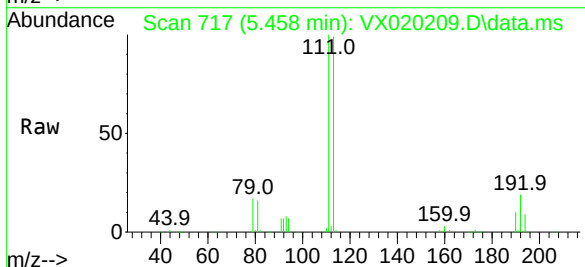
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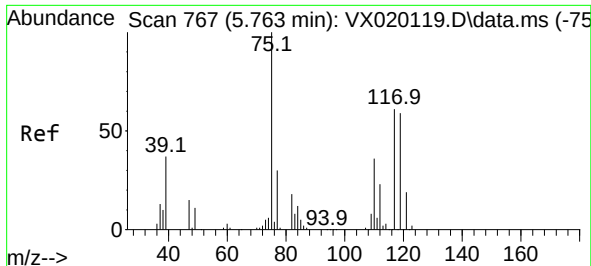
Tgt Ion:114 Resp: 481737
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.35 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion:113 Resp: 152088
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.7 16.7 25.1

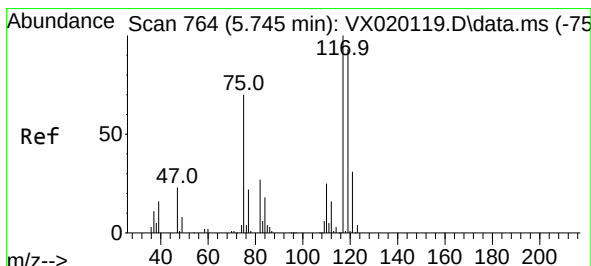
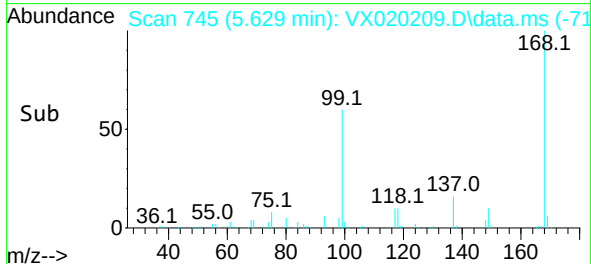
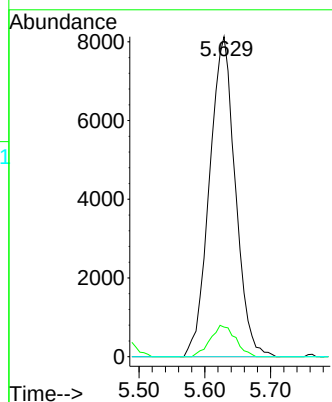
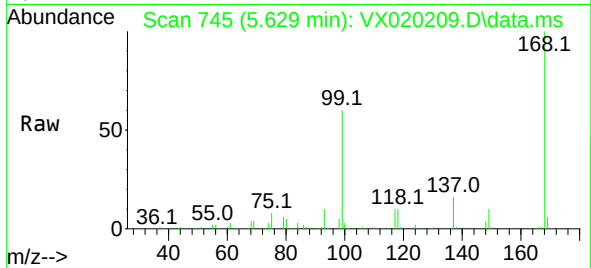




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

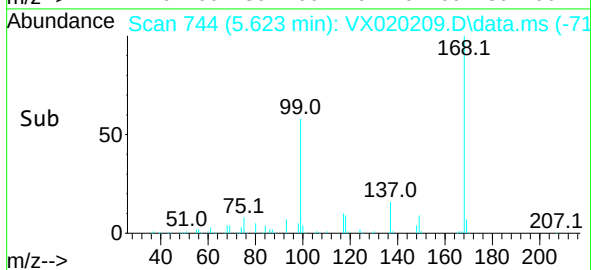
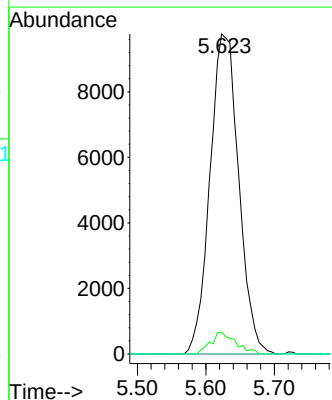
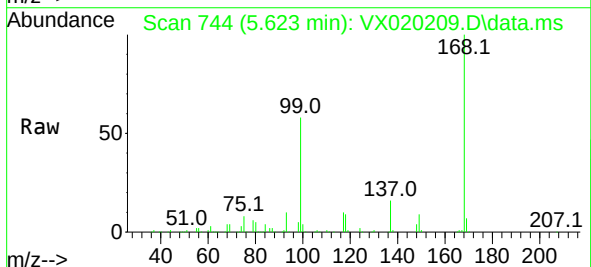
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

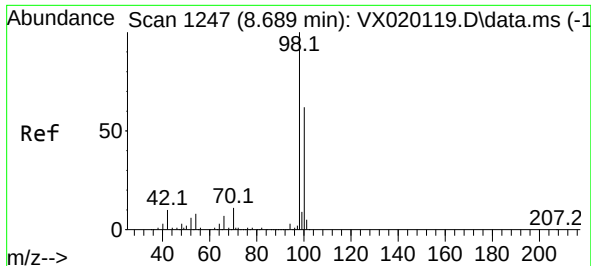
Tgt Ion: 75 Resp: 22241
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 117 Resp: 28430
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

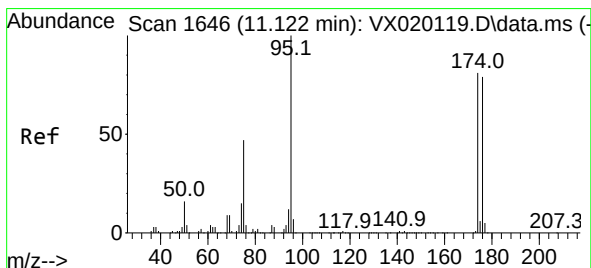
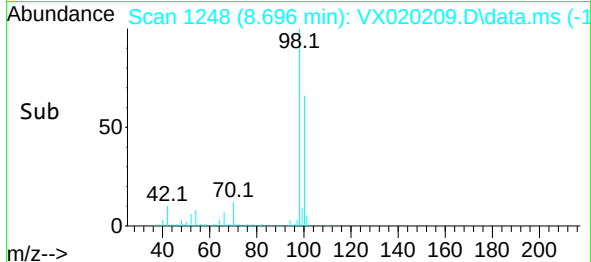
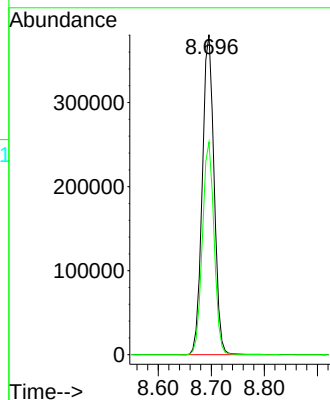
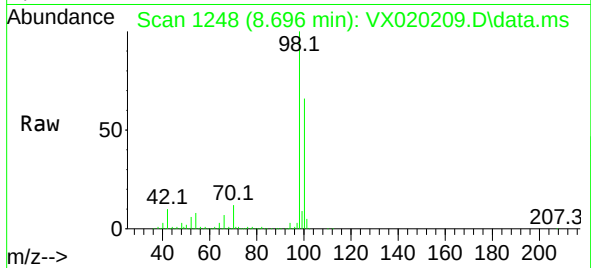




#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

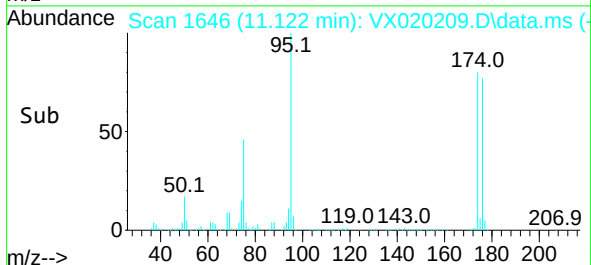
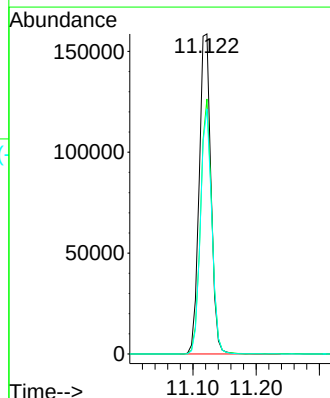
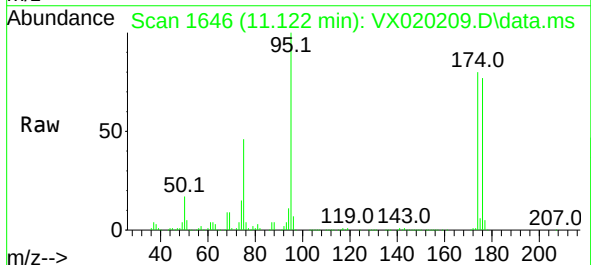
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

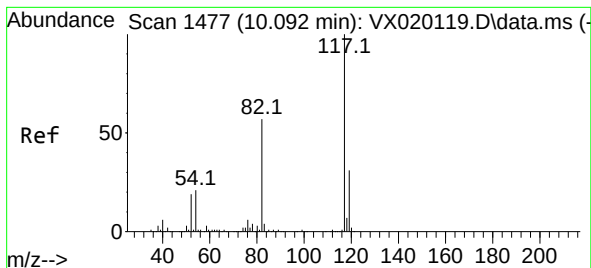
Tgt Ion: 98 Resp: 585761
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 95 Resp: 205530
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.8 0.0 155.8

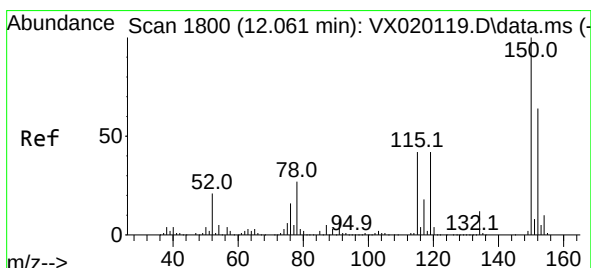
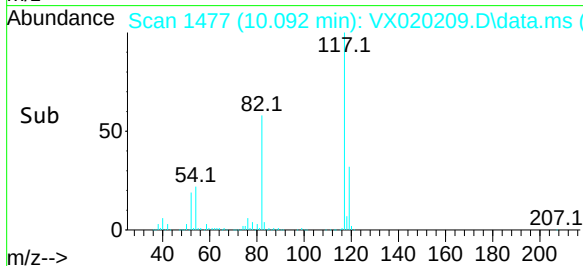
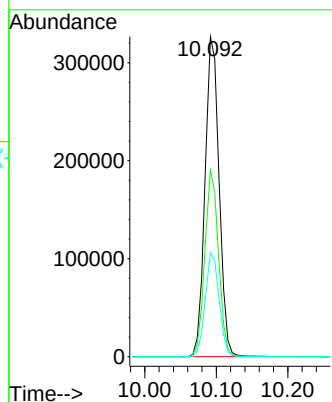
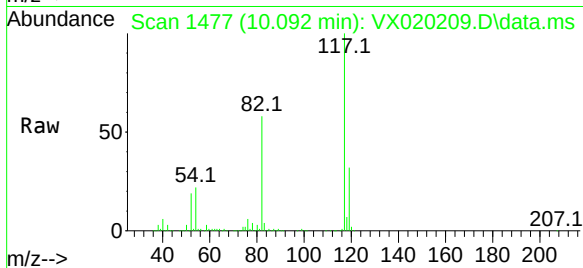




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

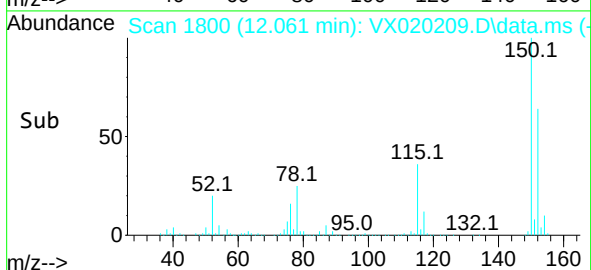
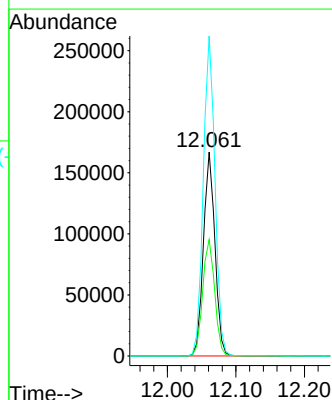
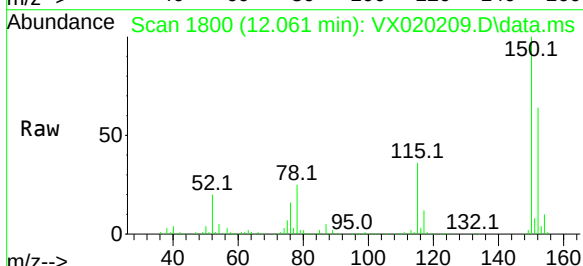
Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

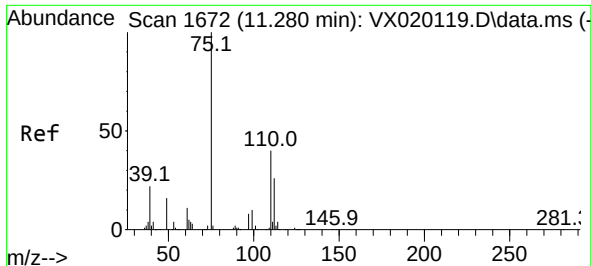
Tgt Ion:117 Resp: 447006
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion:152 Resp: 195698
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 158.8 0.0 349.0

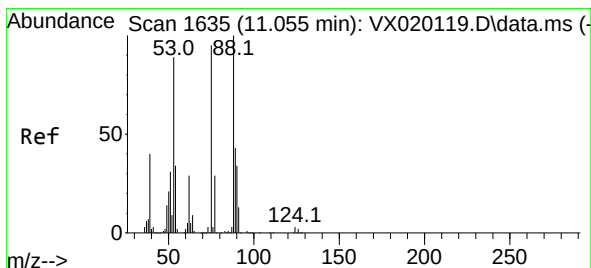
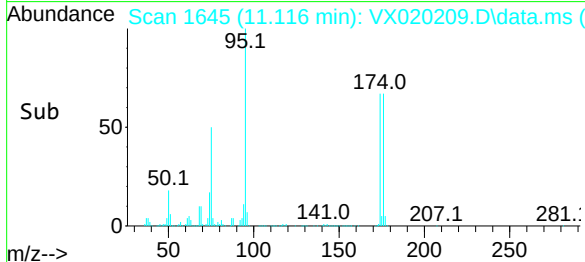
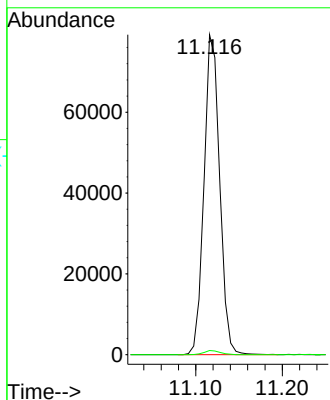
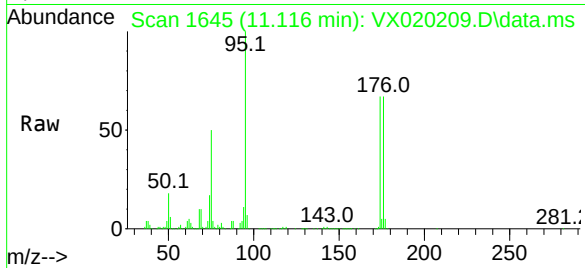




#76
1,2,3-Trichloropropane
Concen: 20.62 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Instrument :
MSVOA_X
ClientSampleId :
49-MW006(SBR)-121320

Tgt Ion: 75 Resp: 99379
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.16 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020209.D
Acq: 20 Dec 2020 06:43

Tgt Ion: 75 Resp: 99379
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

