

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020199.D
 Acq On : 20 Dec 2020 02:51
 Operator : JC/MD
 Sample : L5094-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW-3(SOB)-121320

Quant Time: Dec 21 02:42:33 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)

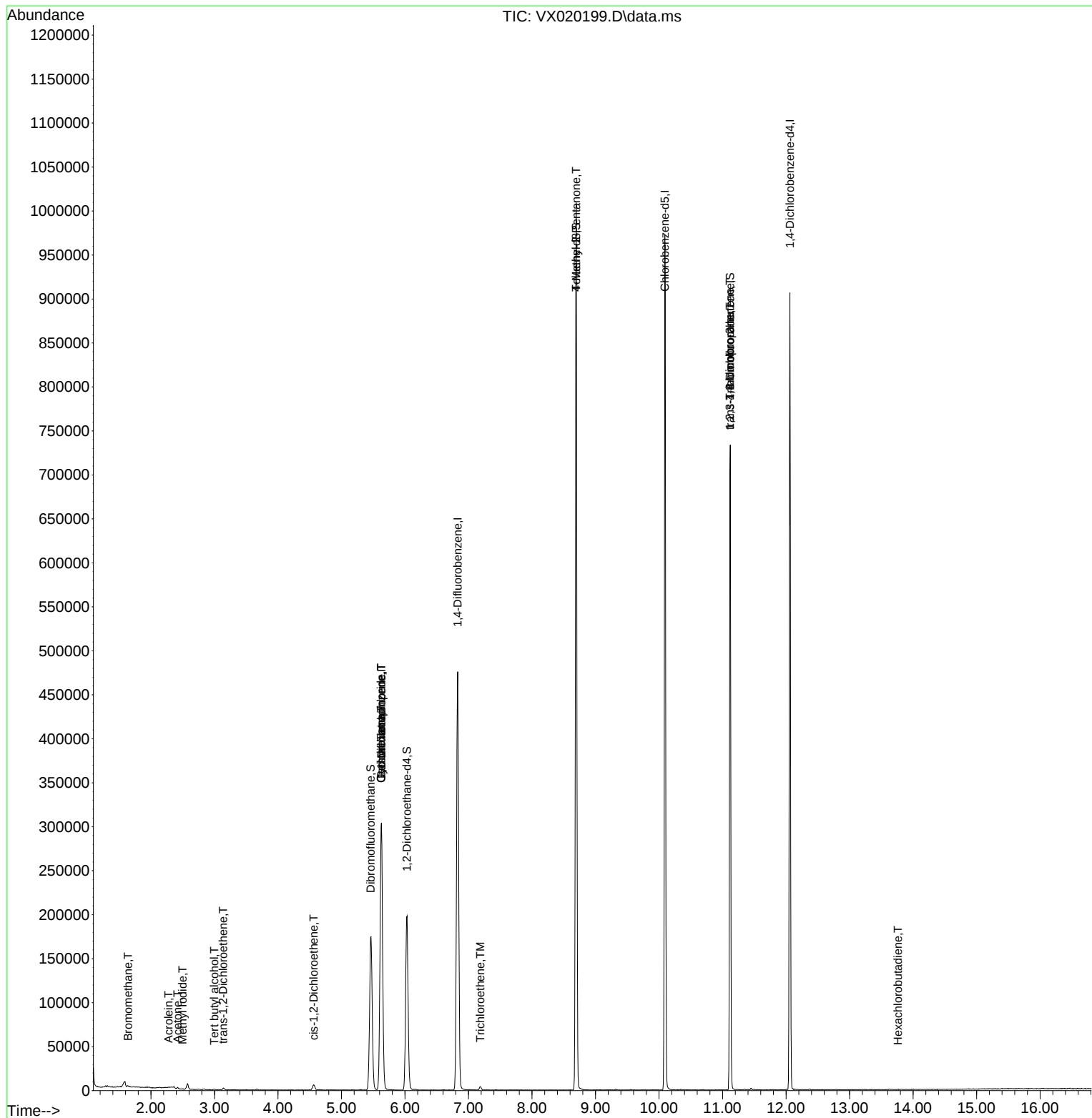
Internal Standards						
1) Pentafluorobenzene	5.629	168	290517	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	447112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191623	49.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.42%
35) Dibromofluoromethane	5.458	113	153969	49.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.66%
50) Toluene-d8	8.696	98	595168	50.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.08%
62) 4-Bromofluorobenzene	11.122	95	202690	44.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.04%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	816	0.64	ug/l	85
10) Methyl Iodide	2.495	142	636	3.44	ug/l #	91
11) Tert butyl alcohol	2.995	59	631	0.72	ug/l #	73
13) Acrolein	2.276	56	130	0.24	ug/l #	62
16) Acetone	2.416	43	1696	0.96	ug/l	96
21) trans-1,2-Dichloroethene	3.136	96	980	0.27	ug/l #	72
27) cis-1,2-Dichloroethene	4.562	96	3918	0.96	ug/l	93
31) Cyclohexane	5.623	56	6032	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22787	4.77	ug/l #	48
38) Carbon Tetrachloride	5.623	117	28570	6.29	ug/l #	17
44) Trichloroethene	7.184	130	1538	0.40	ug/l	90
51) 4-Methyl-2-Pentanone	8.696	43	2469	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	99194	21.93	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99194	65.05	ug/l #	12
94) Hexachlorobutadiene	13.762	225	85	2.69	ug/l #	54

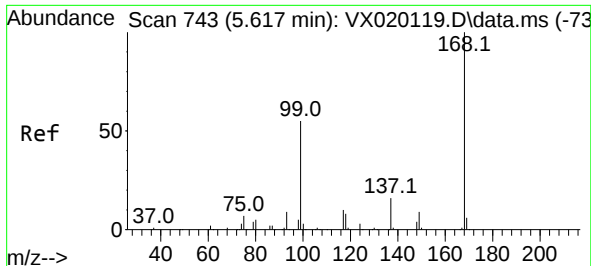
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 20 Dec 2020 02:51
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Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

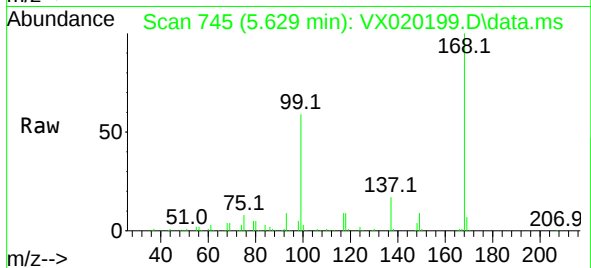
Quant Time: Dec 21 02:42:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



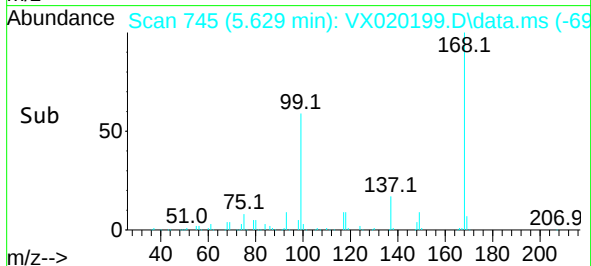
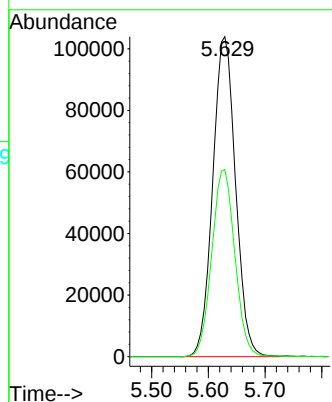


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

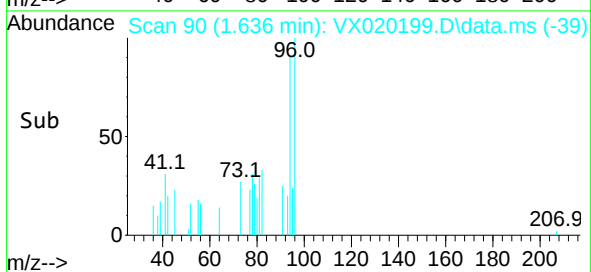
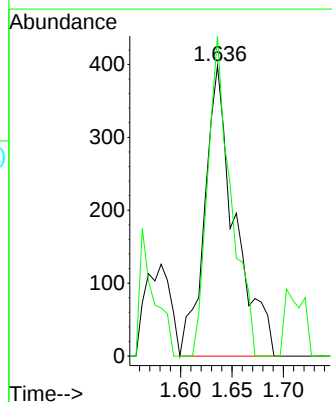
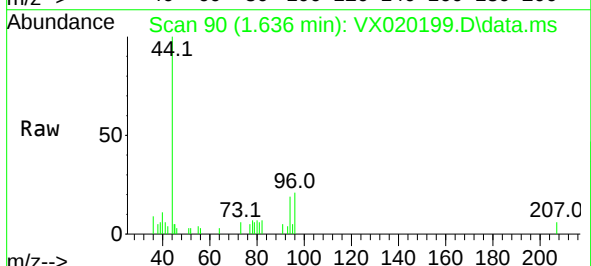


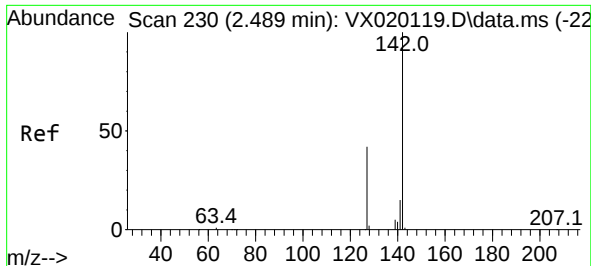
Tgt Ion:168 Resp: 290517
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

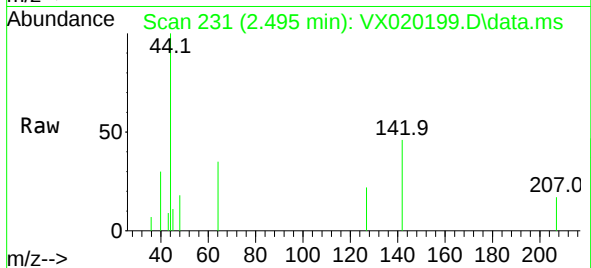
Tgt Ion: 94 Resp: 816
Ion Ratio Lower Upper
94 100
96 110.3 76.4 114.6



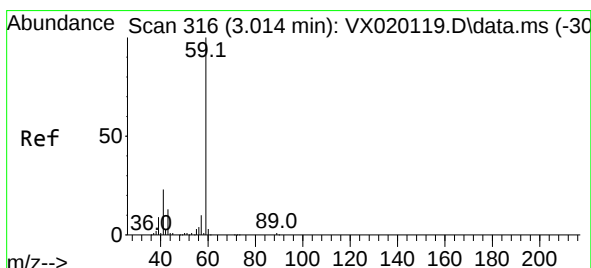
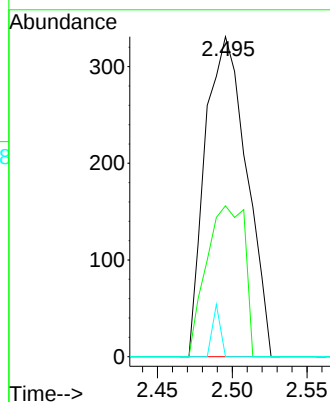
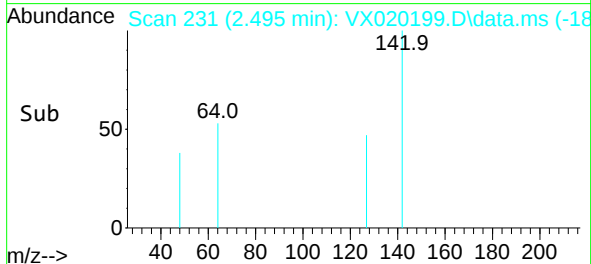


#10
Methyl Iodide
Concen: 3.44 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

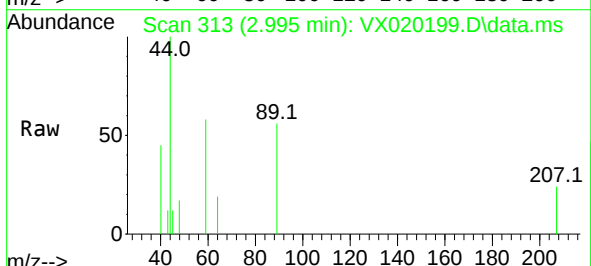
Instrument :
MSVOA_X
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49-MW-3(SOB)-121320



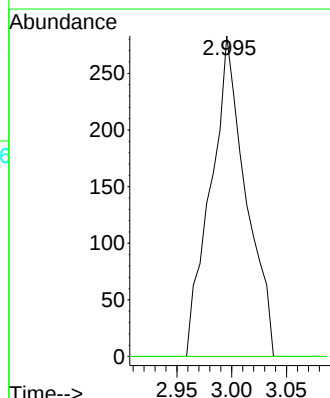
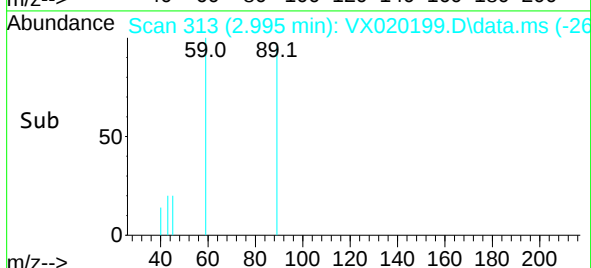
Tgt Ion:142 Resp: 636
Ion Ratio Lower Upper
142 100
127 43.6 33.3 49.9
141 3.1 11.4 17.0#

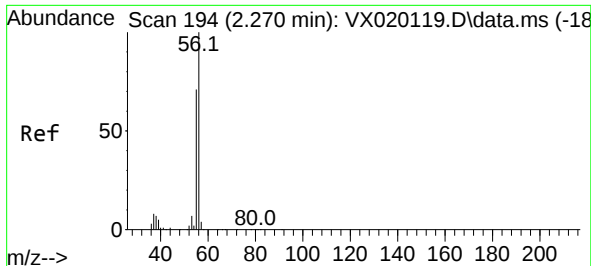


#11
Tert butyl alcohol
Concen: 0.72 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51



Tgt Ion: 59 Resp: 631
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

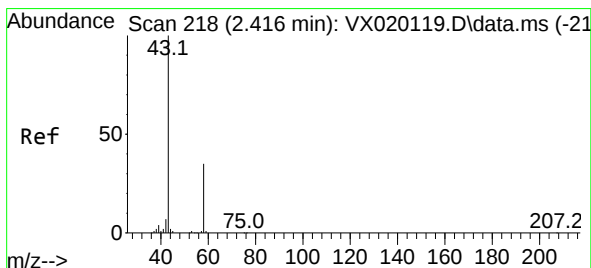
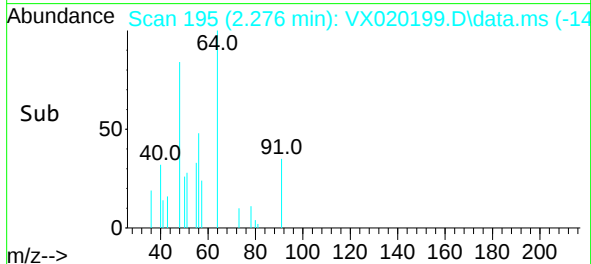
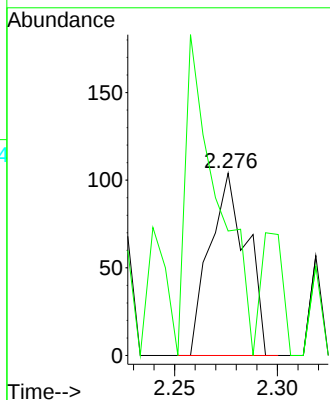
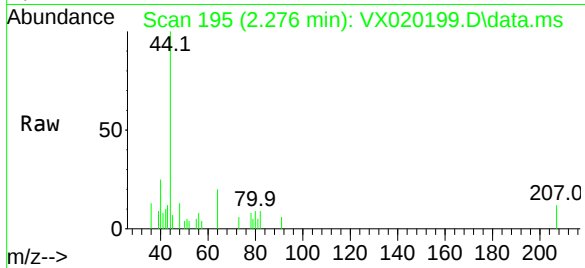




#13
Acrolein
Concen: 0.24 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

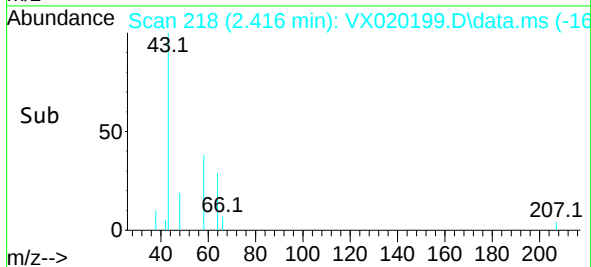
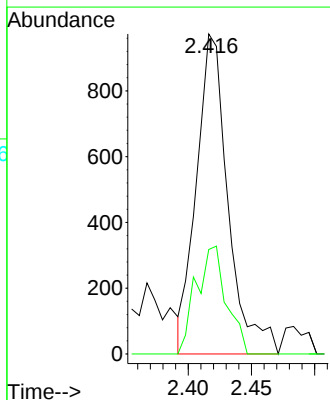
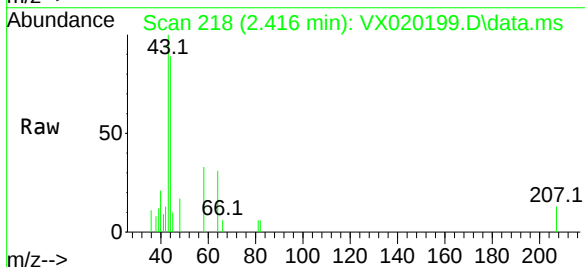
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

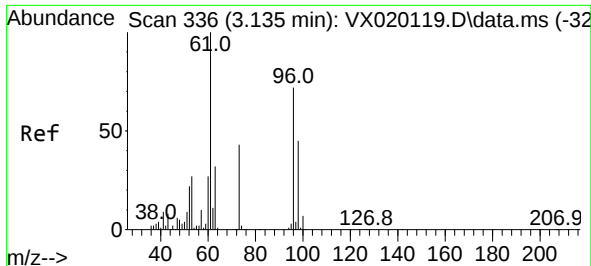
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 39.2 56.4 84.6#



#16
Acetone
Concen: 0.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

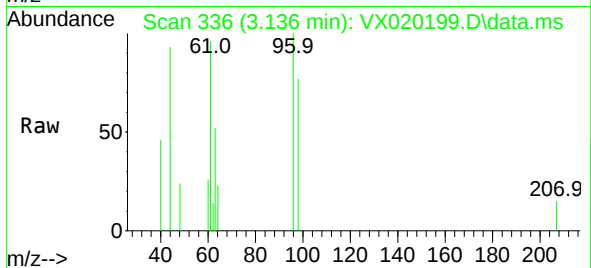
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



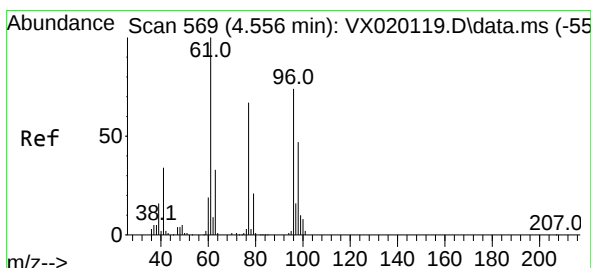
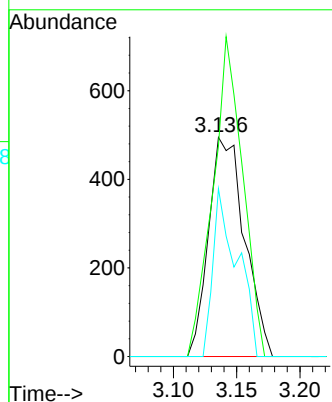
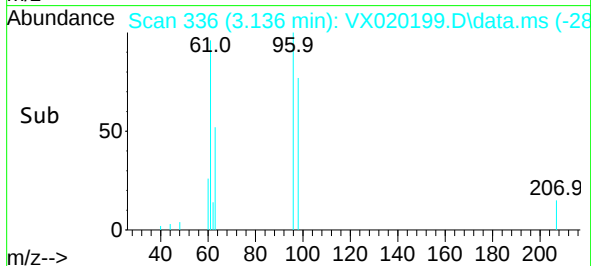


#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.001 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

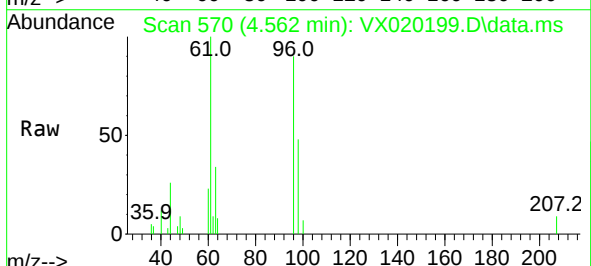
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320



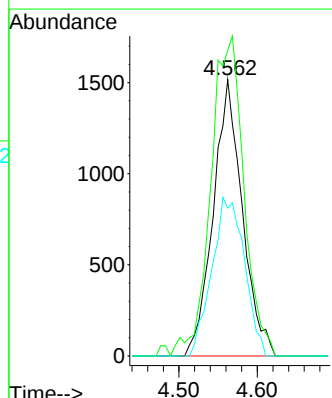
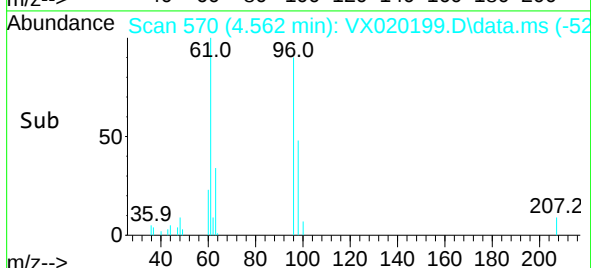
Tgt Ion: 96 Resp: 980
Ion Ratio Lower Upper
96 100
61 96.0 107.7 161.5#
98 76.6 50.4 75.6#

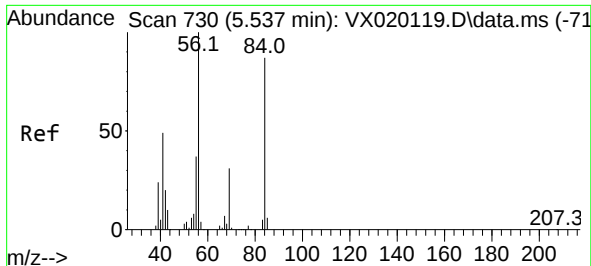


#27
cis-1,2-Dichloroethene
Concen: 0.96 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51



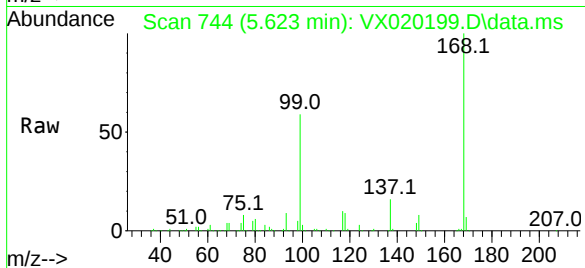
Tgt Ion: 96 Resp: 3918
Ion Ratio Lower Upper
96 100
61 131.5 0.0 285.6
98 64.0 0.0 129.6



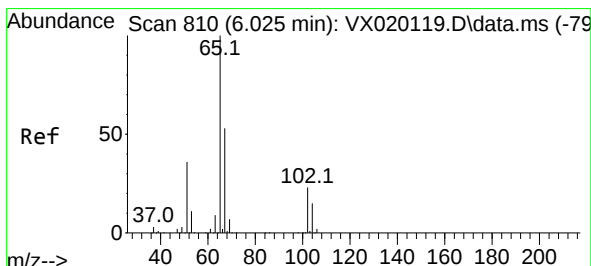
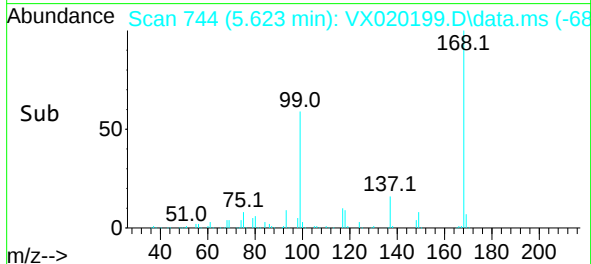
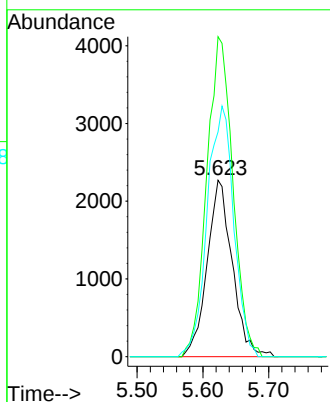


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

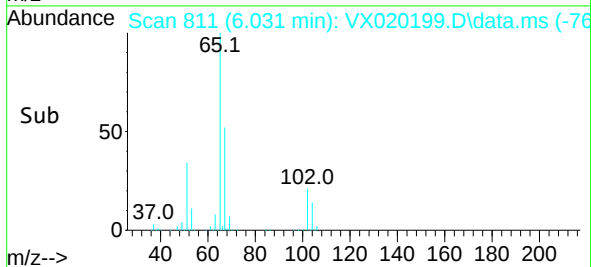
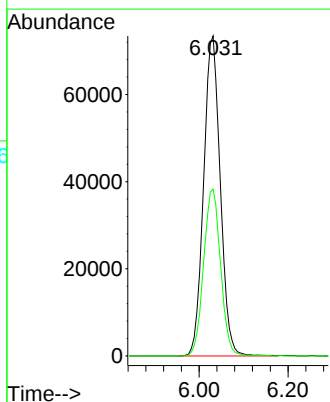
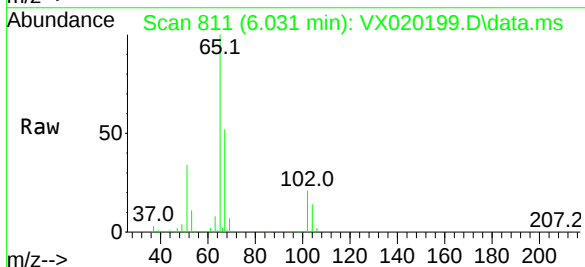


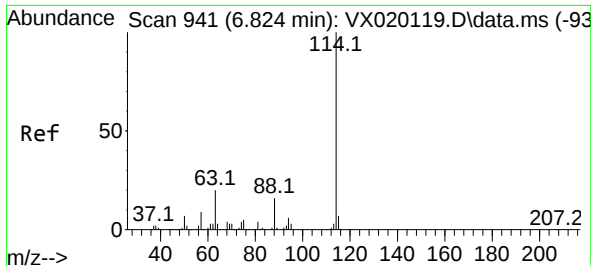
Tgt Ion: 56 Resp: 6032
Ion Ratio Lower Upper
56 100
69 181.4 25.3 37.9#
84 127.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.21 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

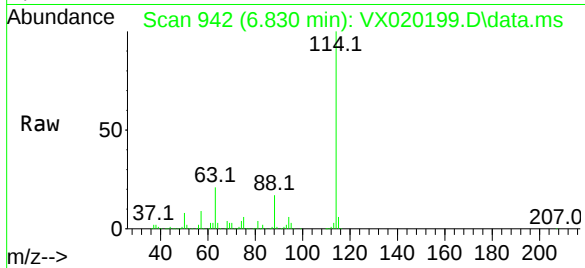
Tgt Ion: 65 Resp: 191623
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



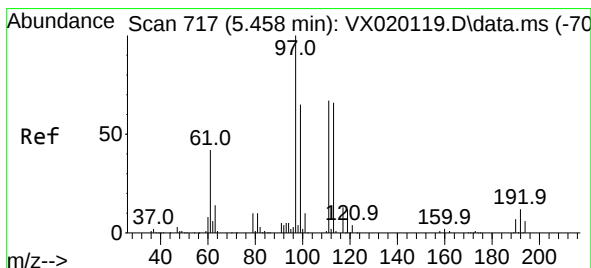
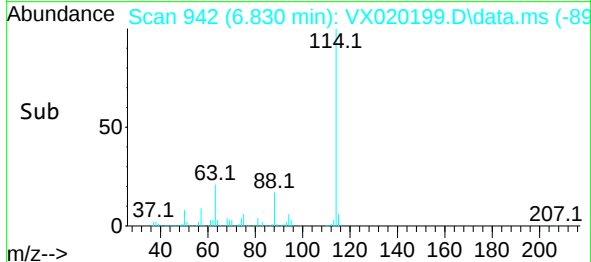
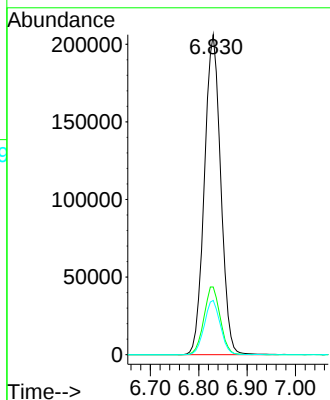


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Instrument :
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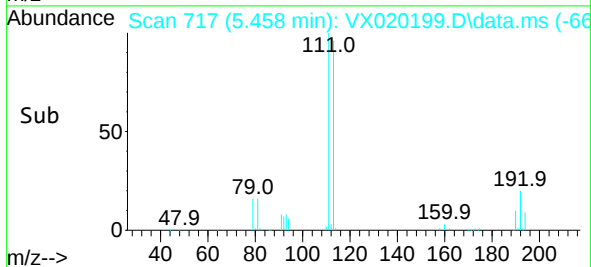
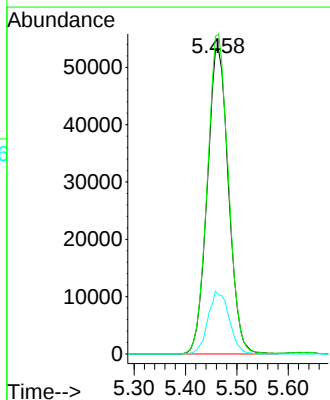
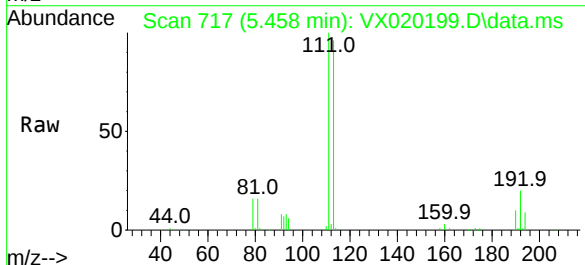


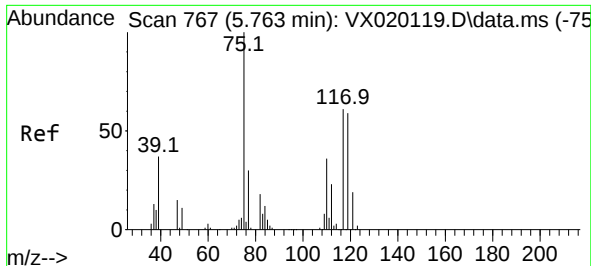
Tgt Ion:114 Resp: 483046
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

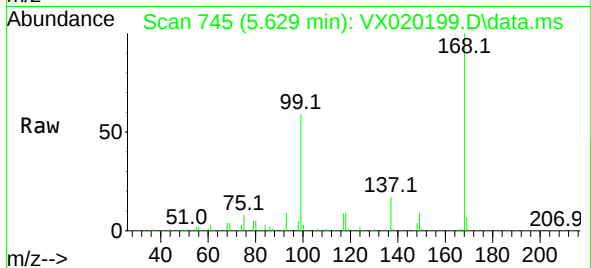
Tgt Ion:113 Resp: 153969
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.3 16.7 25.1



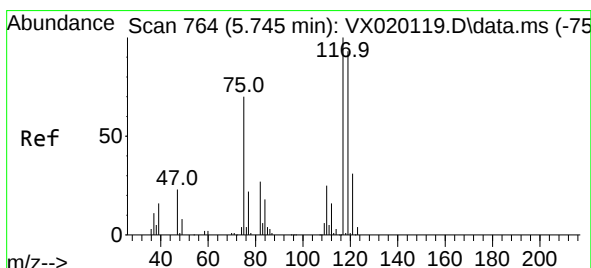
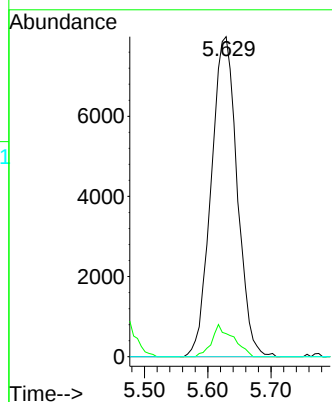
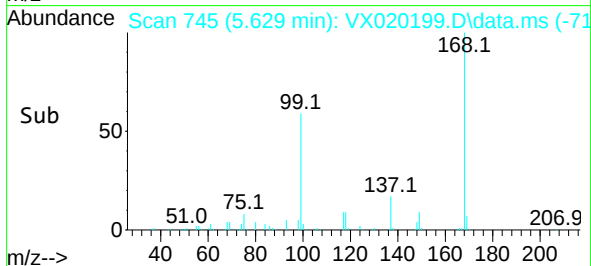


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

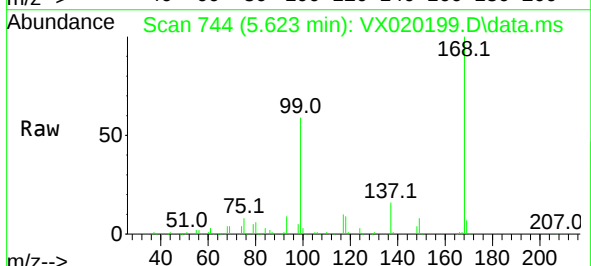
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49-MW-3(SOB)-121320



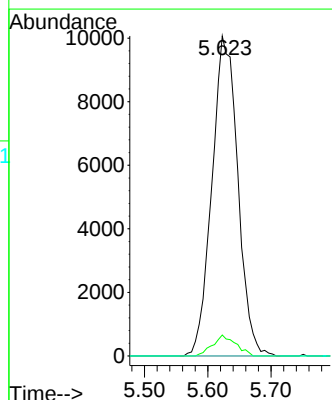
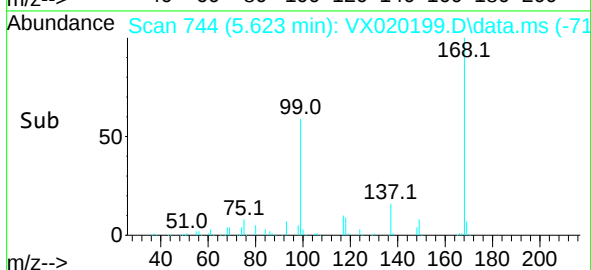
Tgt Ion: 75 Resp: 22787
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

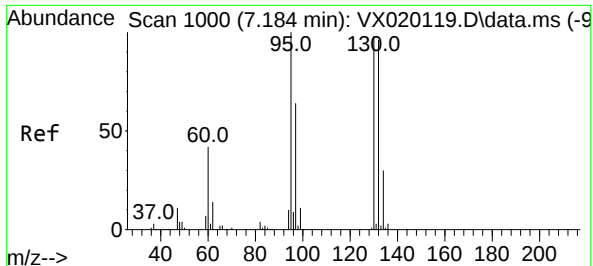


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51



Tgt Ion: 117 Resp: 28570
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

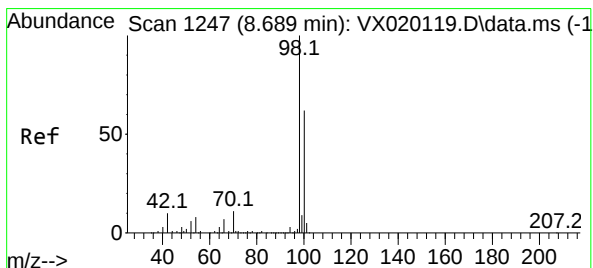
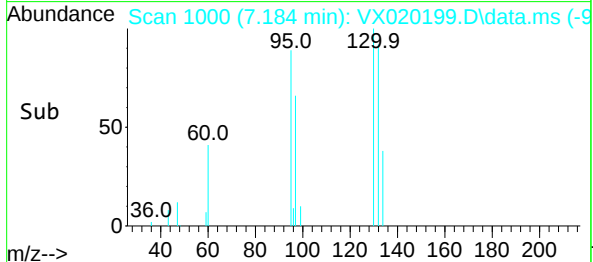
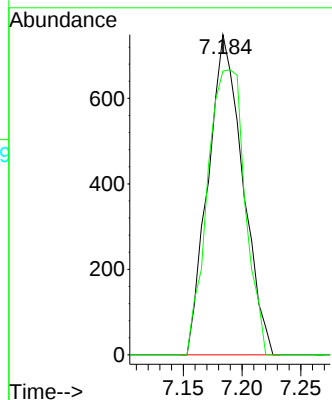
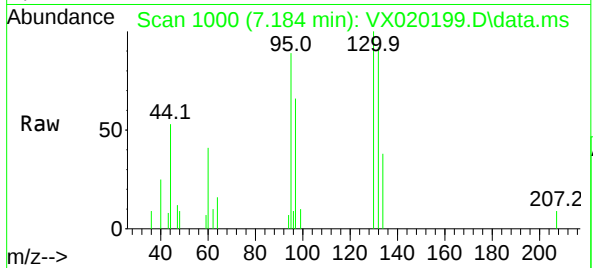




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

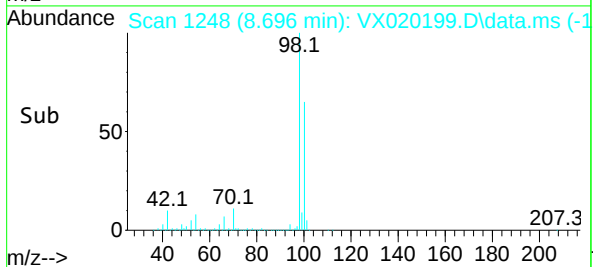
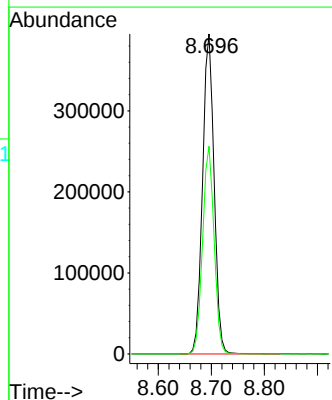
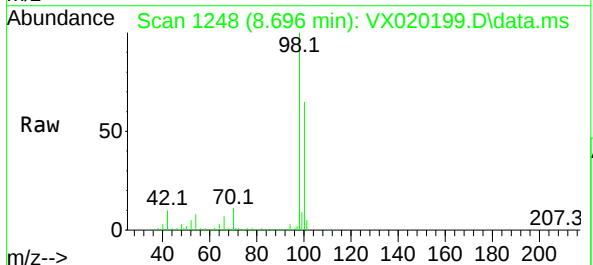
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

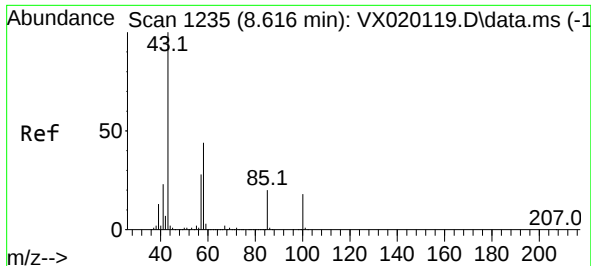
Tgt Ion:130 Resp: 1538
Ion Ratio Lower Upper
130 100
95 88.7 0.0 198.0



#50
Toluene-d8
Concen: 50.04 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Tgt Ion: 98 Resp: 595168
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

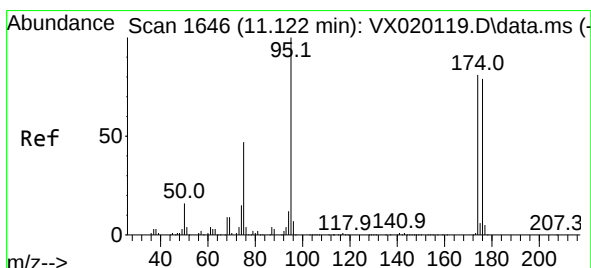
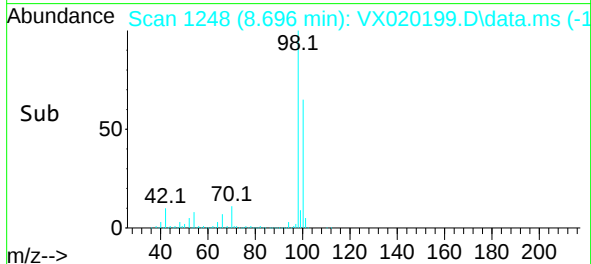
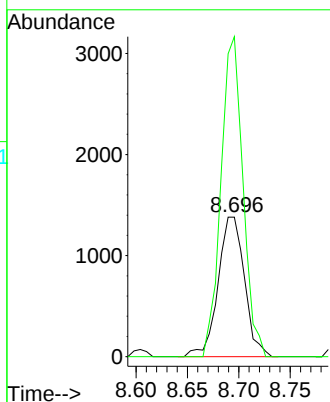
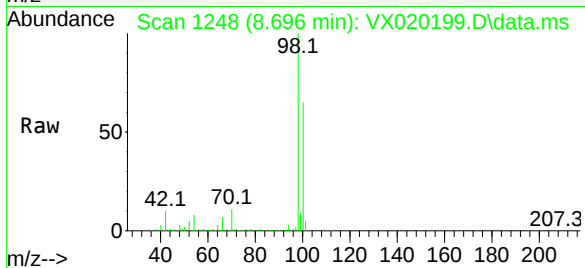




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

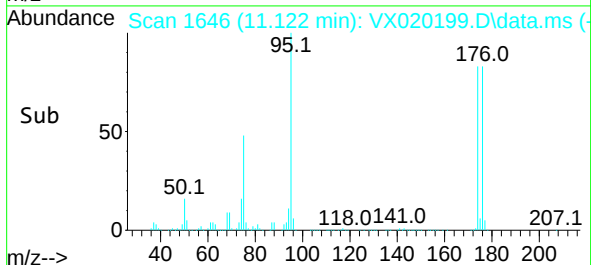
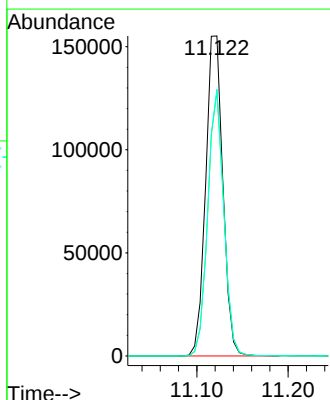
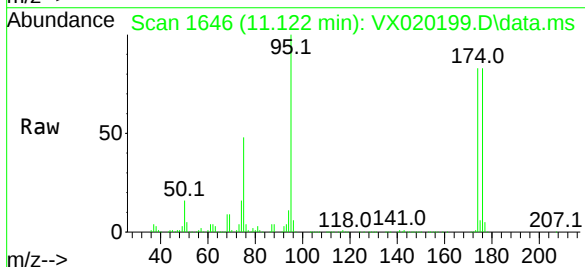
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

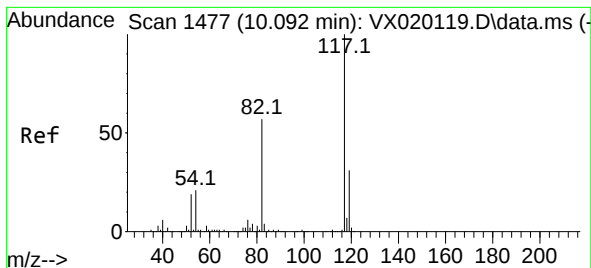
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 191.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.52 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Tgt Ion: 95 Resp: 202690
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 77.5 0.0 155.8

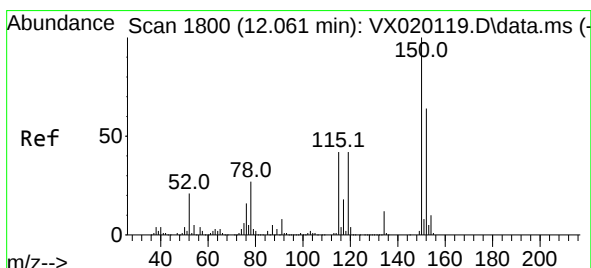
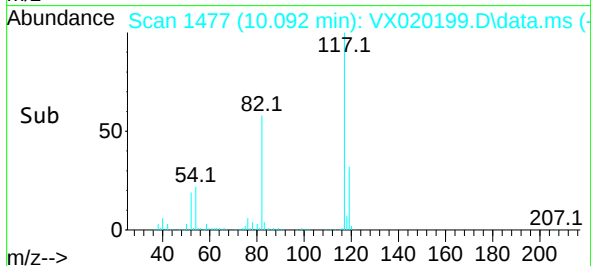
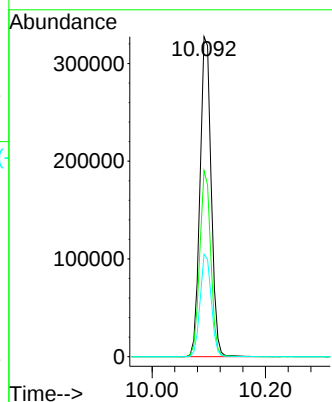
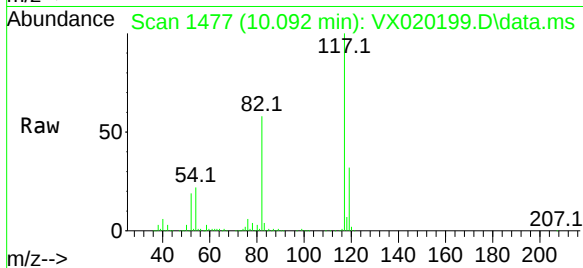




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

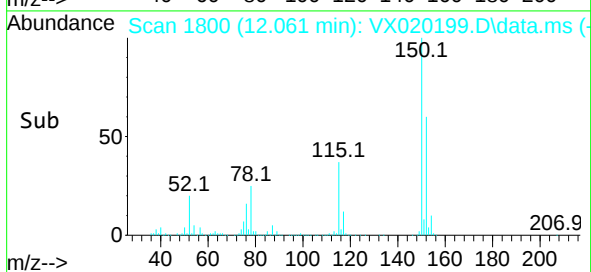
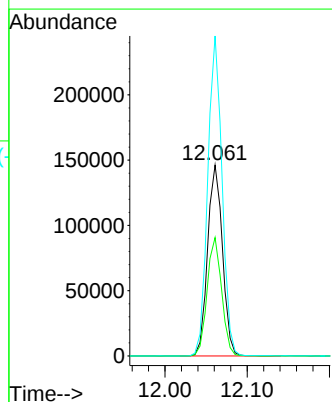
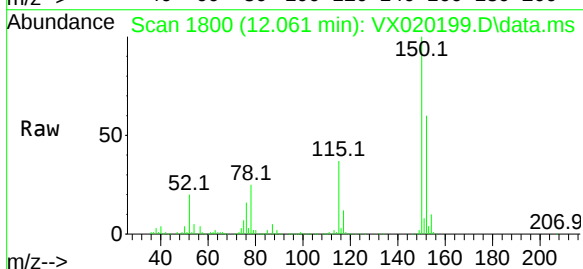
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

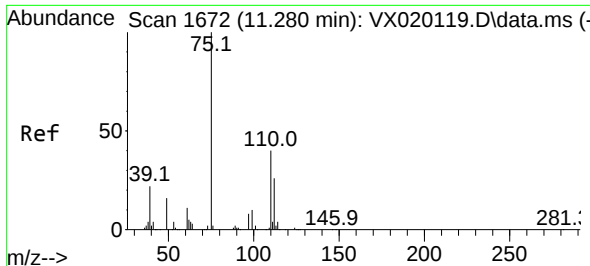
Tgt Ion:117 Resp: 447112
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

Tgt Ion:152 Resp: 183650
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 161.1 0.0 349.0

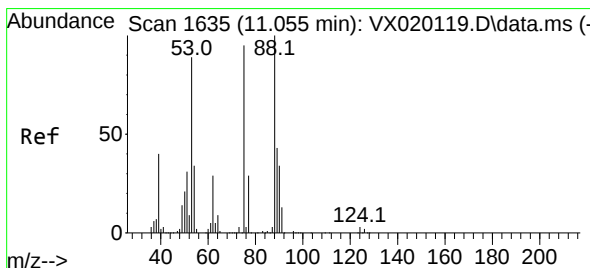
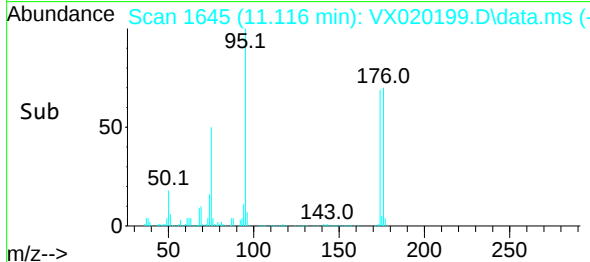
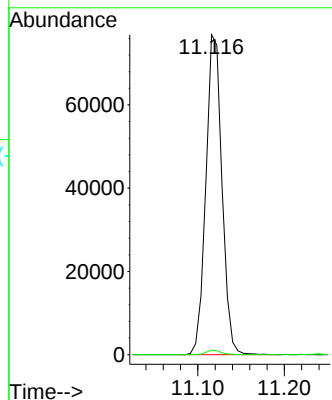
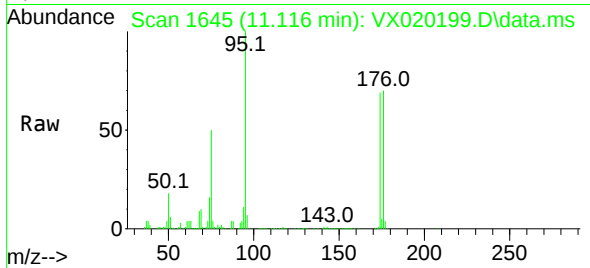




#76
1,2,3-Trichloropropane
Concen: 21.93 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

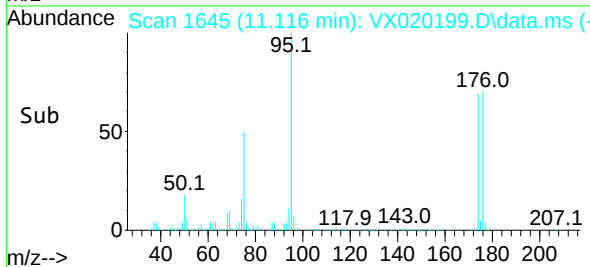
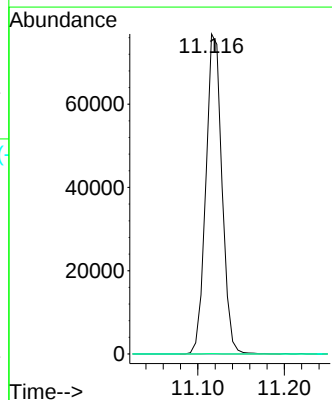
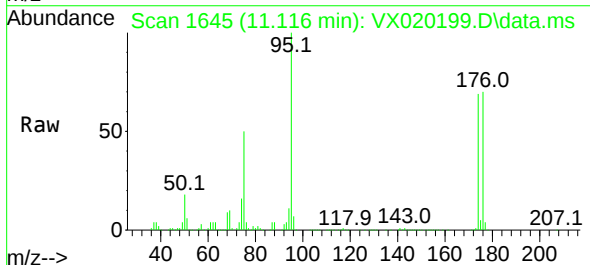
Instrument :
MSVOA_X
ClientSampleId :
49-MW-3(SOB)-121320

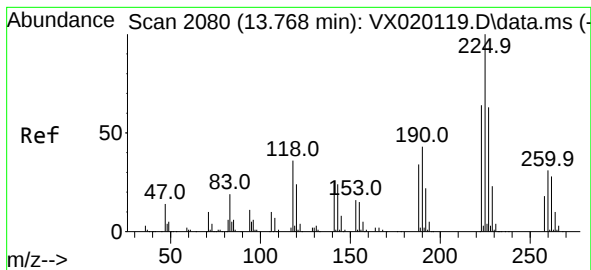
Tgt Ion: 75 Resp: 99194
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020199.D
Acq: 20 Dec 2020 02:51

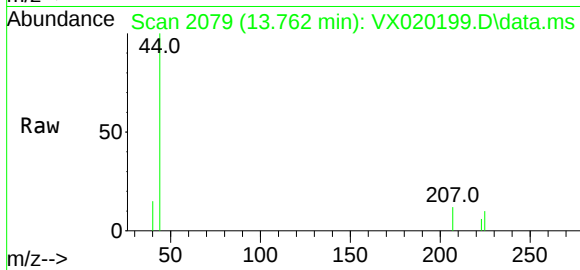
Tgt Ion: 75 Resp: 99194
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.69 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020199.D
 Acq: 20 Dec 2020 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW-3(SOB)-121320



Tgt Ion:225 Resp: 85
 Ion Ratio Lower Upper
 225 100
 223 54.1 31.1 93.2
 227 0.0 31.6 95.0#

