

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020308.D
 Acq On : 22 Dec 2020 17:03
 Operator : JC/MD
 Sample : L5094-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW003(SBR)-121320

Quant Time: Dec 23 00:32:52 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)

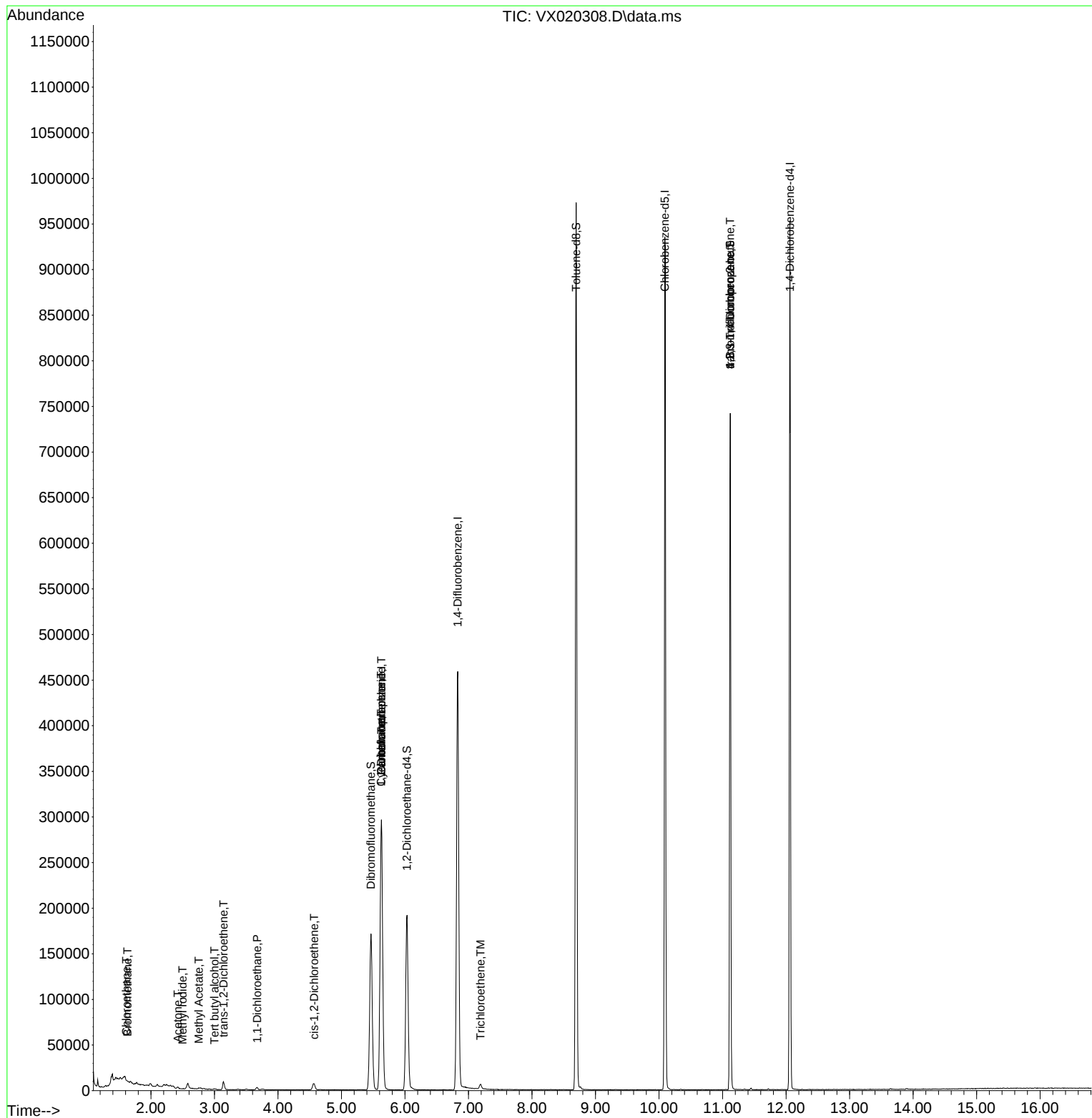
Internal Standards						
1) Pentafluorobenzene	5.629	168	289118	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	476574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	438232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	193388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	184283	47.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.10%		
35) Dibromofluoromethane	5.464	113	149020	48.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.76%		
50) Toluene-d8	8.695	98	572937	48.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.64%		
62) 4-Bromofluorobenzene	11.122	95	207865	46.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.56%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	395	0.31	ug/l #	69
6) Chloroethane	1.611	64	3988	1.61	ug/l #	54
10) Methyl Iodide	2.495	142	56	3.30	ug/l #	42
11) Tert butyl alcohol	3.001	59	808	0.93	ug/l #	73
16) Acetone	2.422	43	1244	0.70	ug/l	94
18) Methyl Acetate	2.751	43	1033	0.26	ug/l #	65
21) trans-1,2-Dichloroethene	3.142	96	3548	0.99	ug/l	95
24) 1,1-Dichloroethane	3.672	63	3011	0.48	ug/l	99
27) cis-1,2-Dichloroethene	4.568	96	4637	1.15	ug/l	93
31) Cyclohexane	5.623	56	5619	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22143	4.70	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28018	6.25	ug/l #	16
44) Trichloroethene	7.190	130	1859	0.49	ug/l	85
76) 1,2,3-Trichloropropane	11.122	75	101143	21.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101143	62.99	ug/l #	12

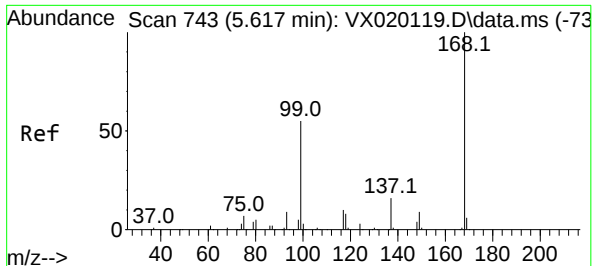
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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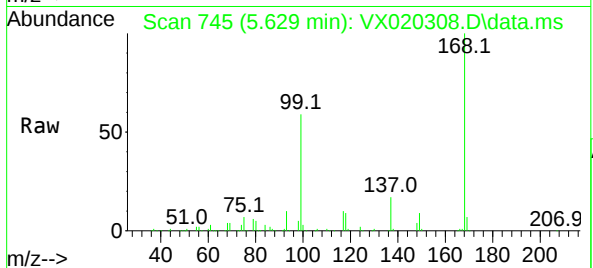
Quant Time: Dec 23 00:32:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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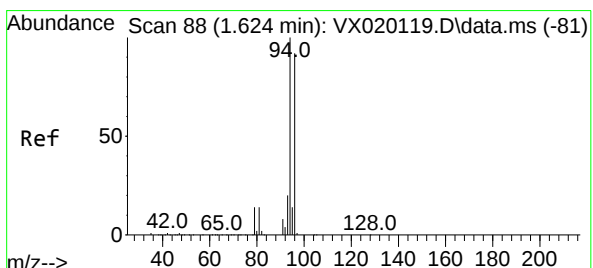
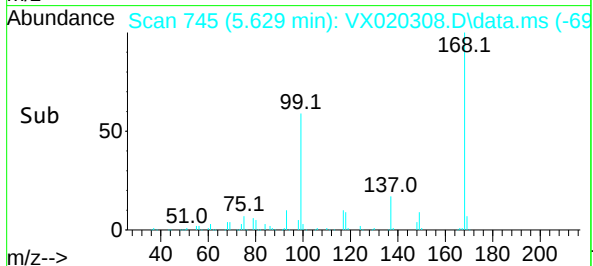
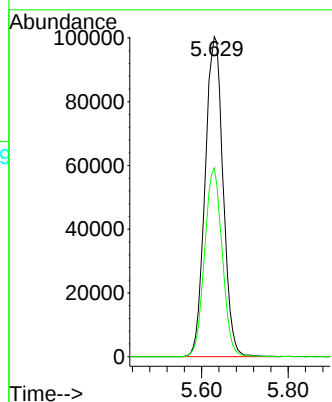


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

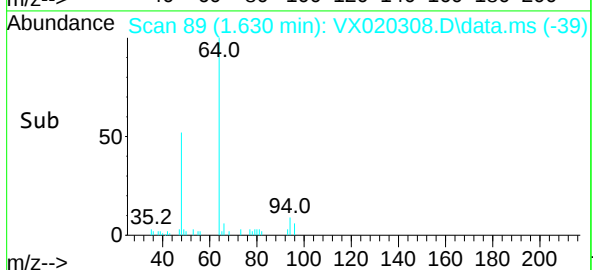
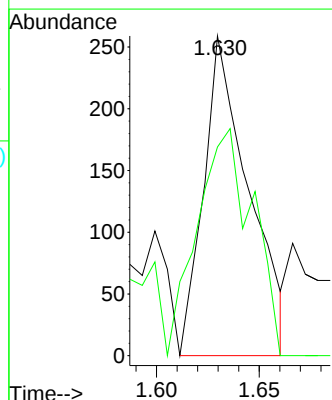
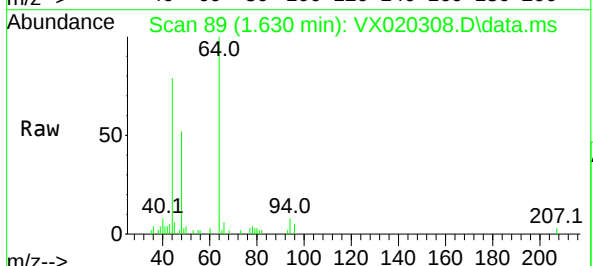


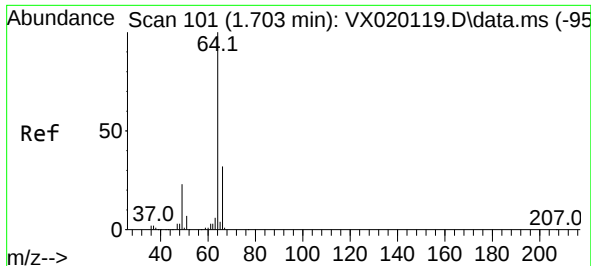
Tgt Ion:168 Resp: 289118
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 65.3 76.4 114.6#

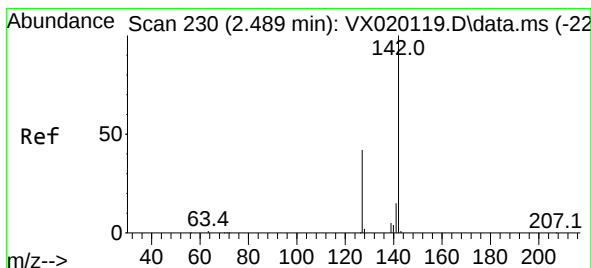
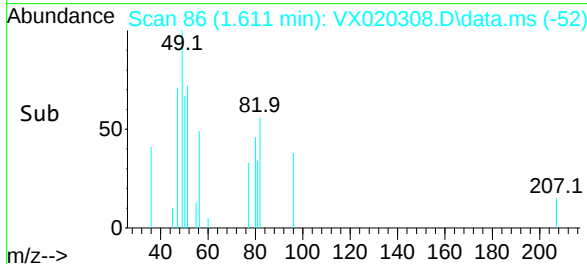
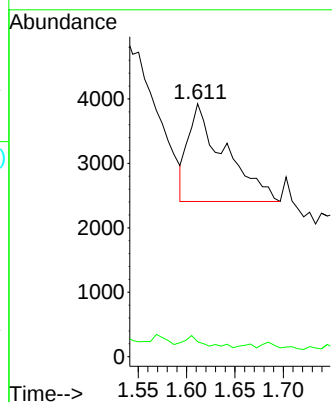
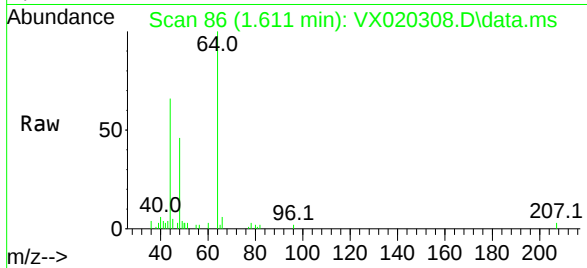




#6
Chloroethane
Concen: 1.61 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.092 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

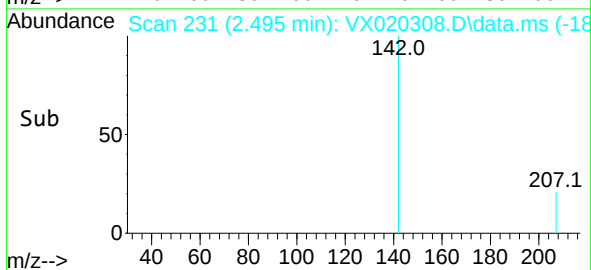
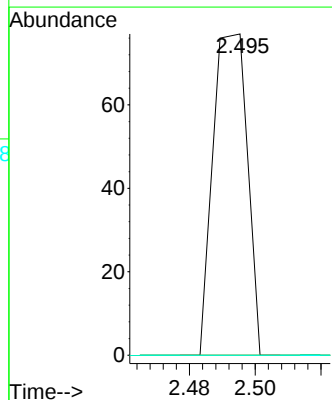
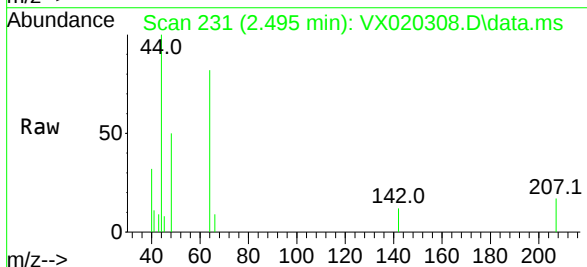
Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

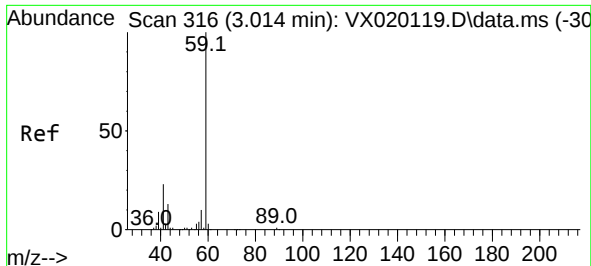
Tgt Ion: 64 Resp: 3988
Ion Ratio Lower Upper
64 100
66 6.2 25.4 38.0#



#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

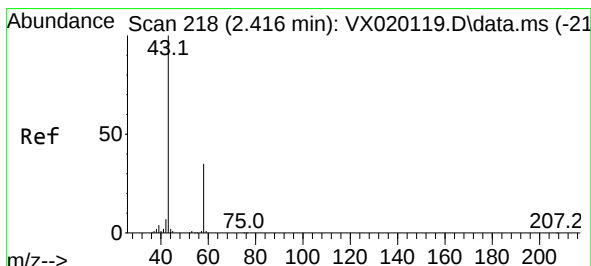
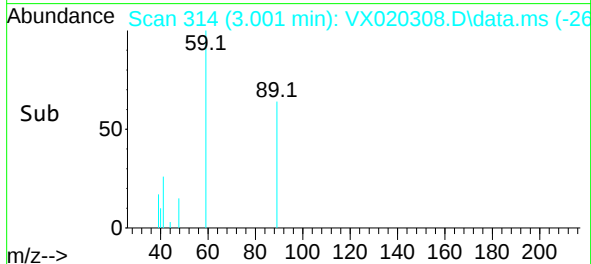
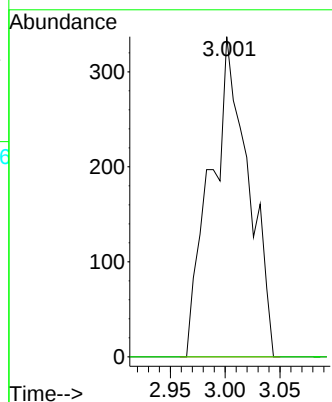
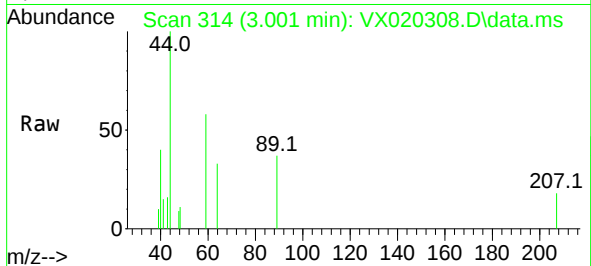




#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

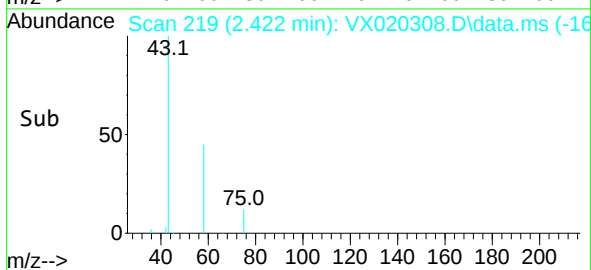
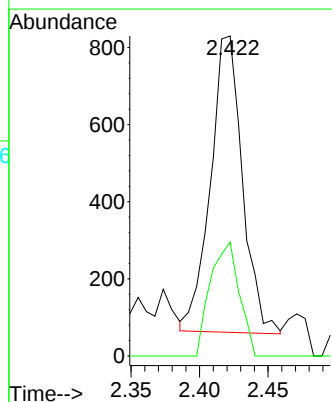
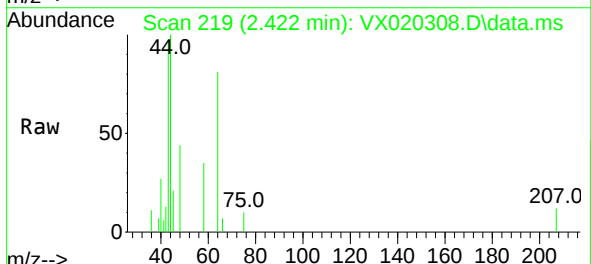
Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

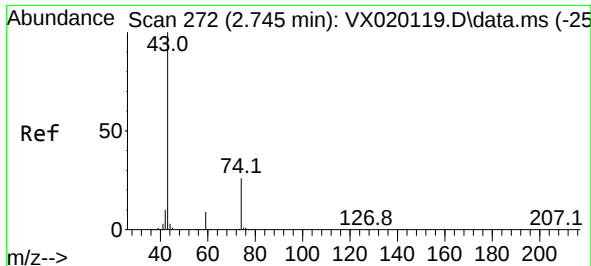
Tgt Ion: 59 Resp: 808
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.70 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 38.6 27.8 41.8

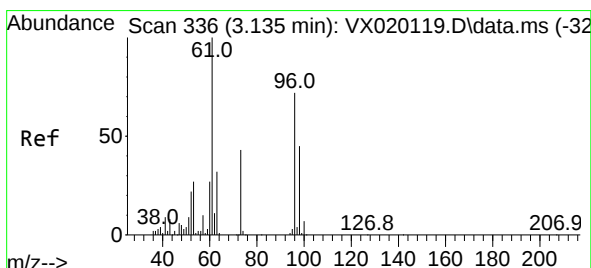
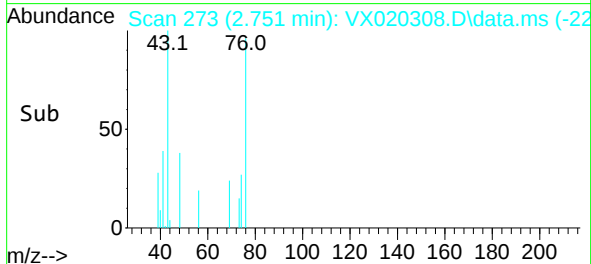
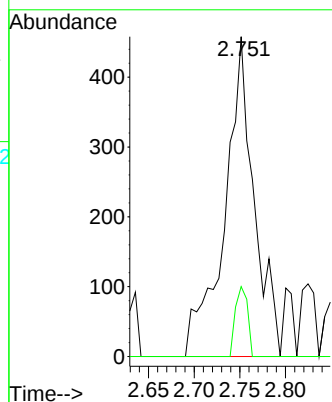
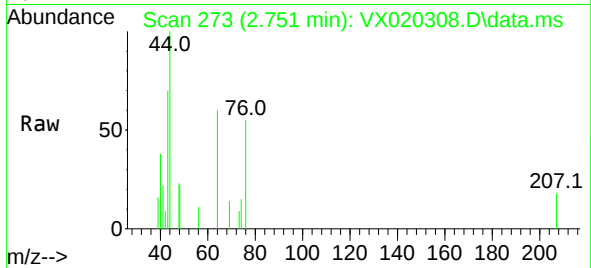




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

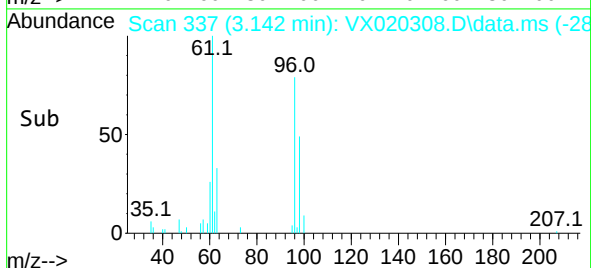
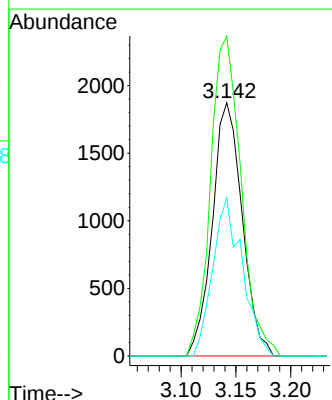
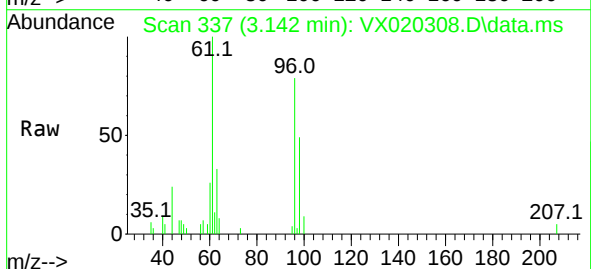
Instrument :
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ClientSampleId :
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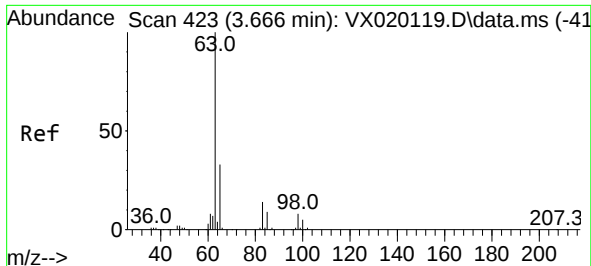
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 0.99 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

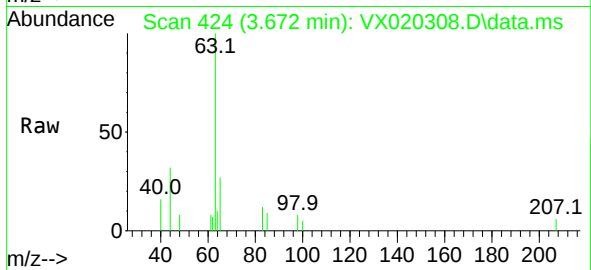
Tgt Ion: 96 Resp: 3548
Ion Ratio Lower Upper
96 100
61 126.4 107.7 161.5
98 62.5 50.4 75.6



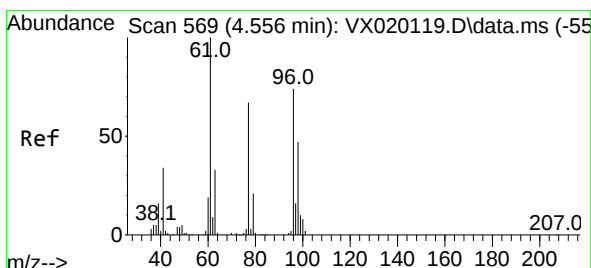
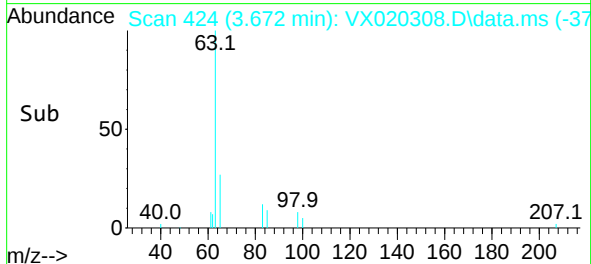
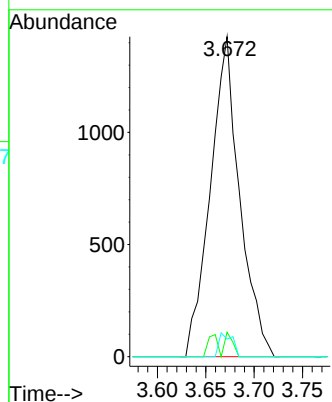


#24
1,1-Dichloroethane
Concen: 0.48 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

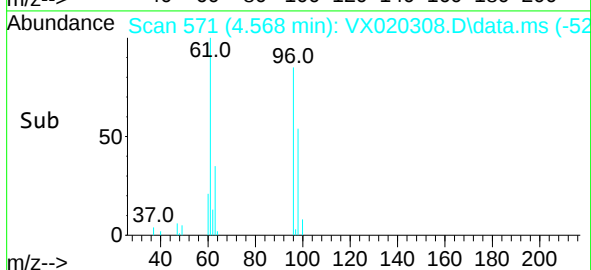
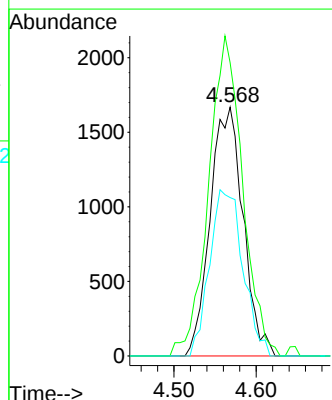
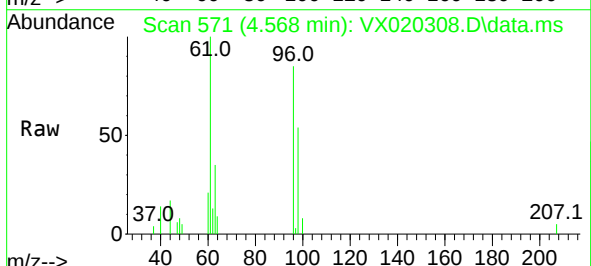


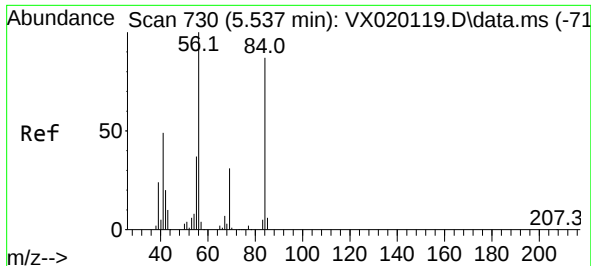
Tgt Ion: 63 Resp: 3011
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 5.5 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 1.15 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

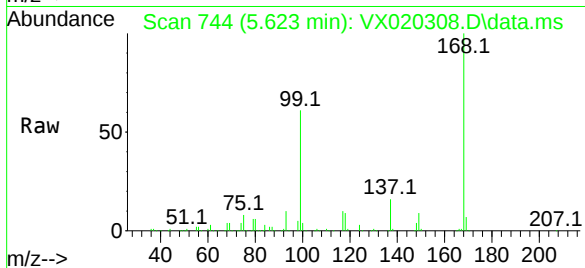
Tgt Ion: 96 Resp: 4637
Ion Ratio Lower Upper
96 100
61 132.9 0.0 285.6
98 67.7 0.0 129.6



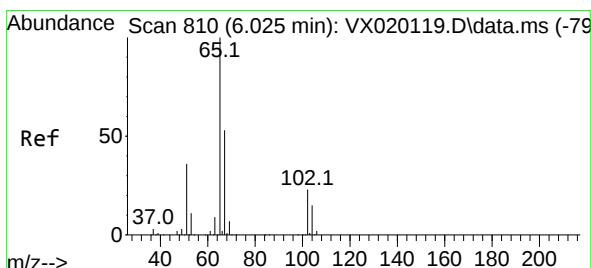
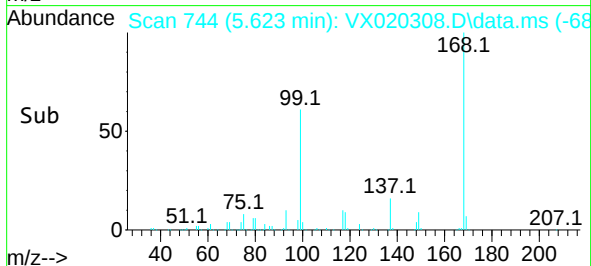
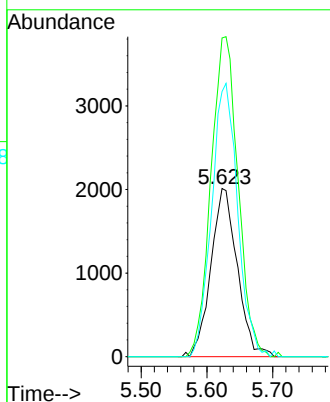


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

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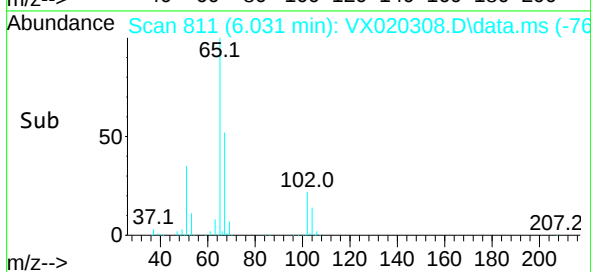
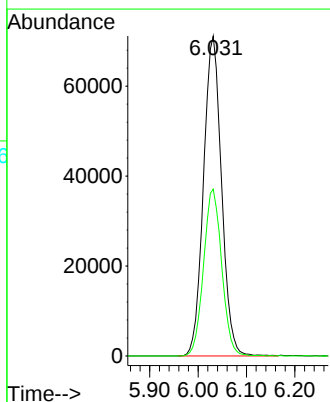
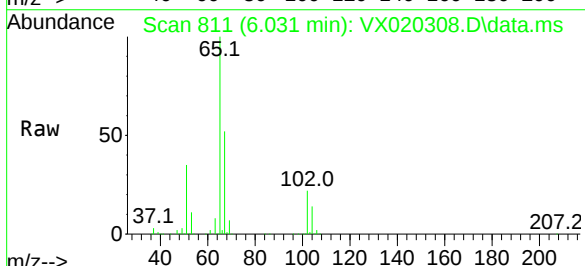


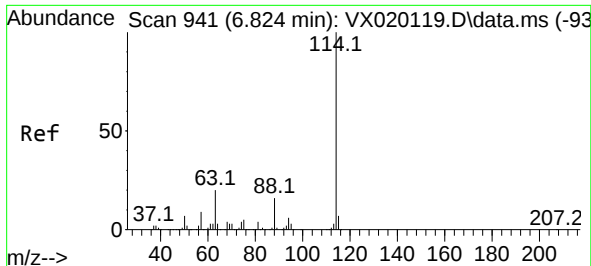
Tgt Ion: 56 Resp: 5619
Ion Ratio Lower Upper
56 100
69 189.6 25.3 37.9#
84 157.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.55 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

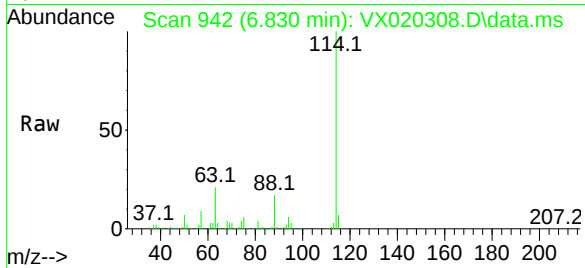
Tgt Ion: 65 Resp: 184283
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



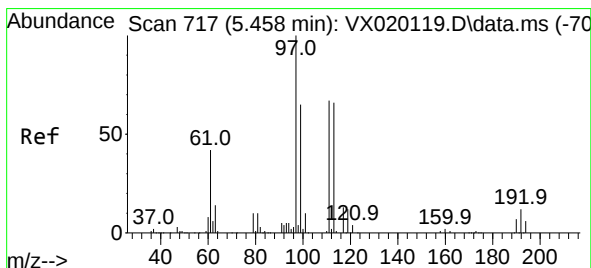
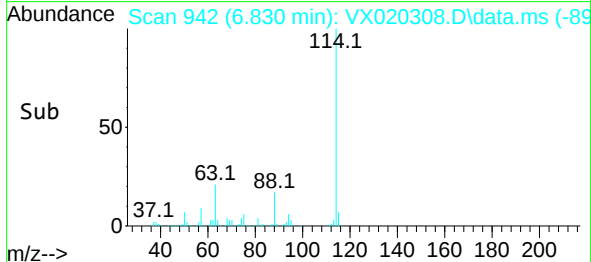
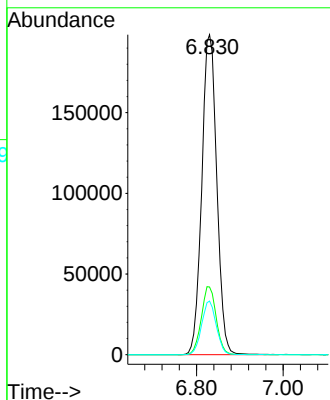


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Instrument :
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ClientSampleId :
49-MW003(SBR)-121320

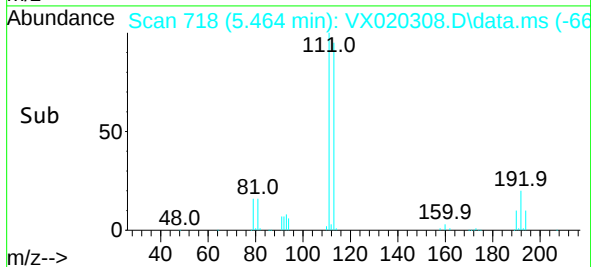
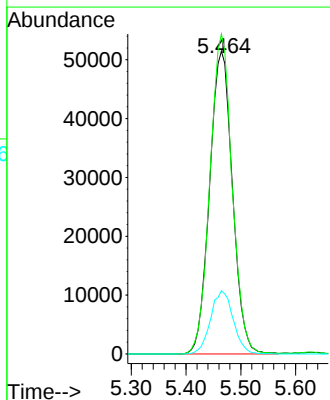
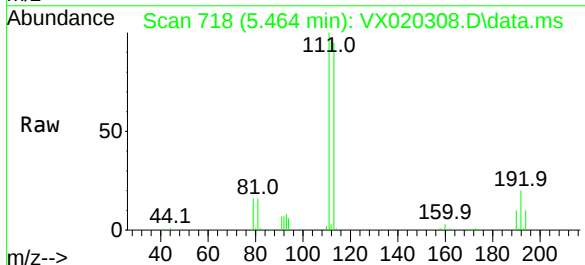


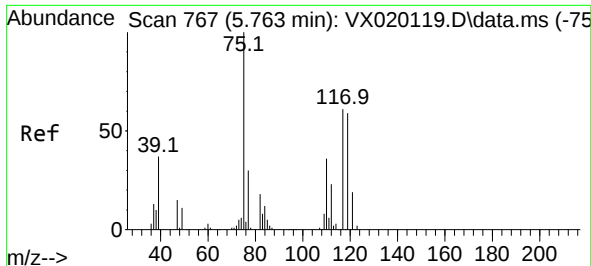
Tgt Ion:114 Resp: 476574
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

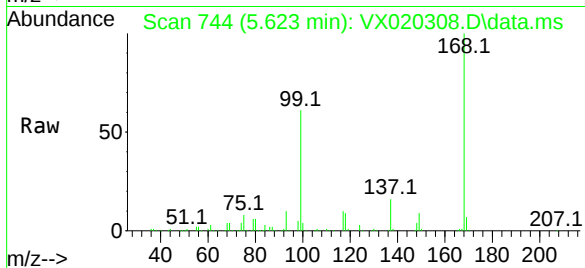
Tgt Ion:113 Resp: 149020
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.7 16.7 25.1



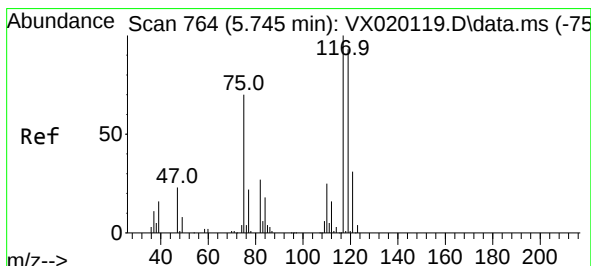
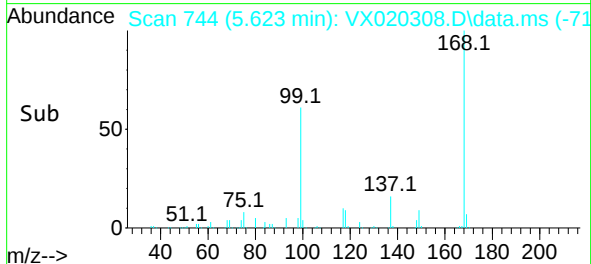
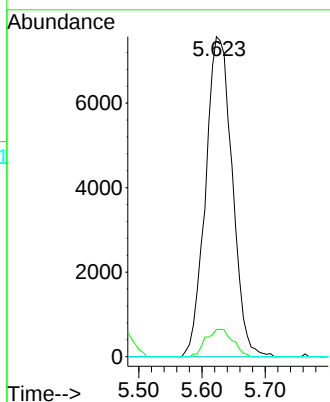


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

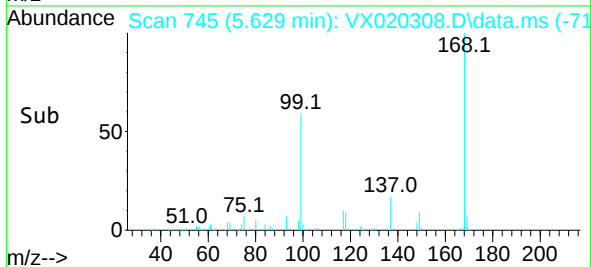
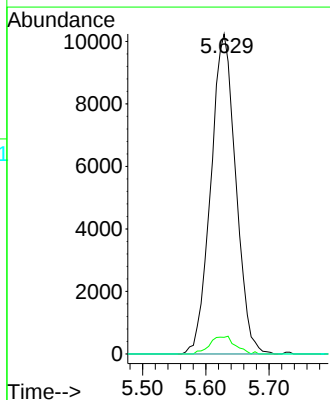
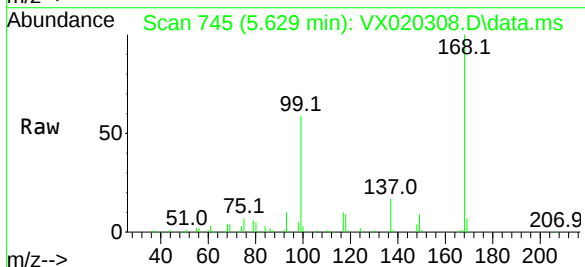


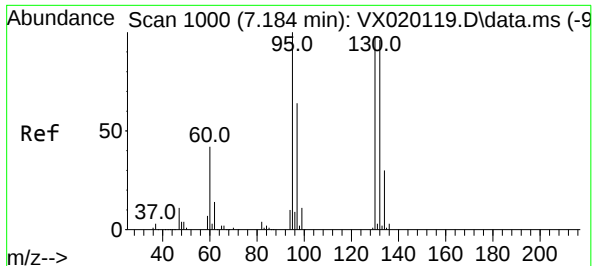
Tgt Ion: 75 Resp: 22143
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion: 117 Resp: 28018
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

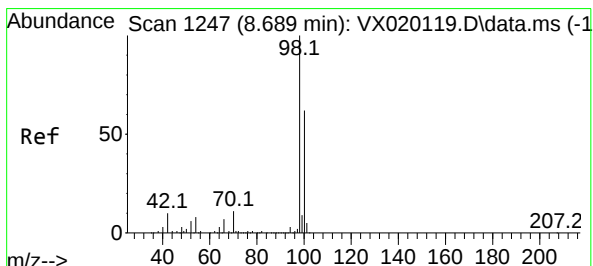
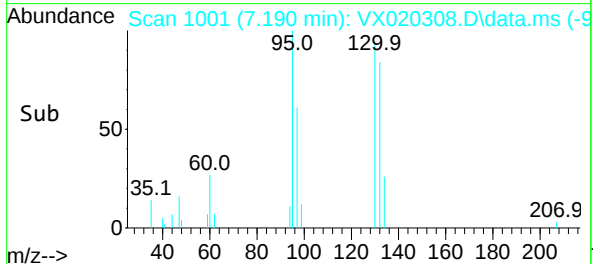
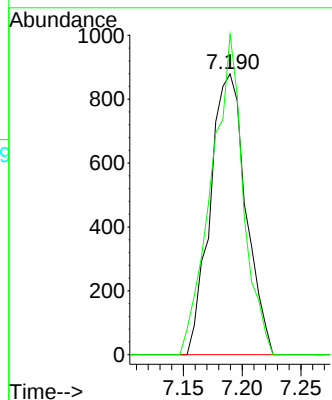
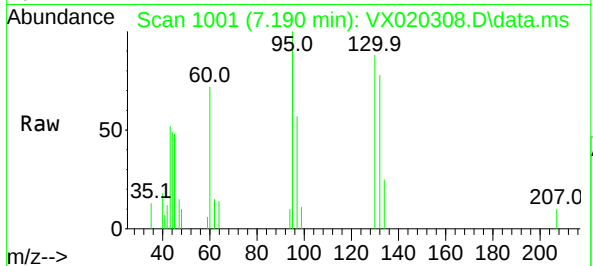




#44
Trichloroethene
Concen: 0.49 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

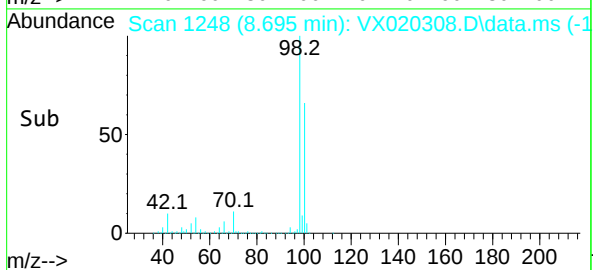
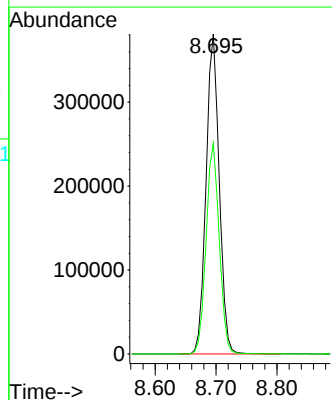
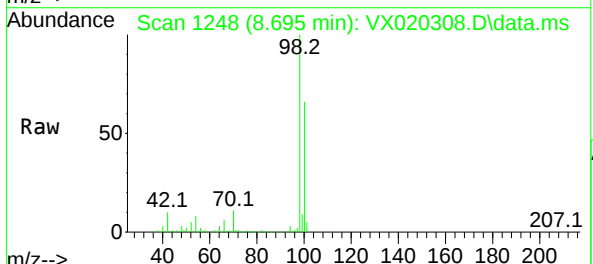
Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

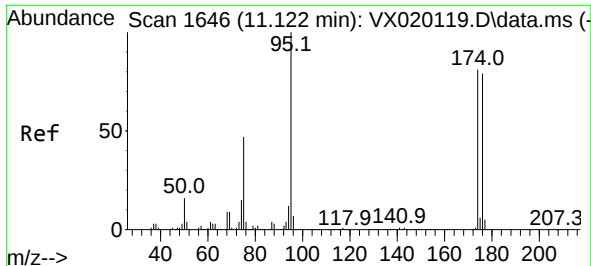
Tgt Ion:130 Resp: 1859
Ion Ratio Lower Upper
130 100
95 114.0 0.0 198.0



#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion: 98 Resp: 572937
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

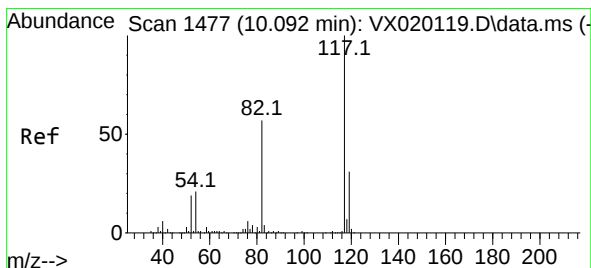
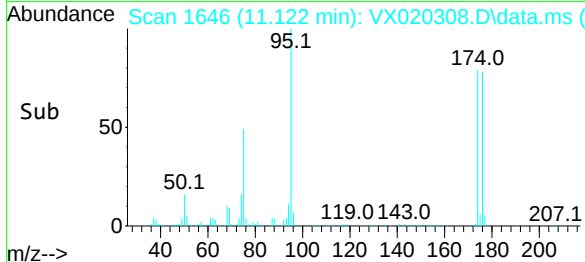
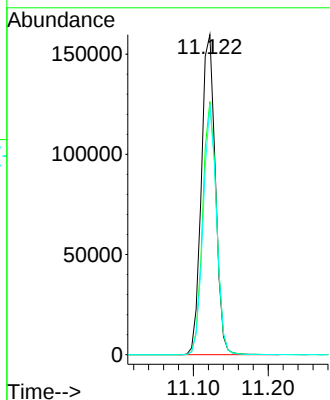
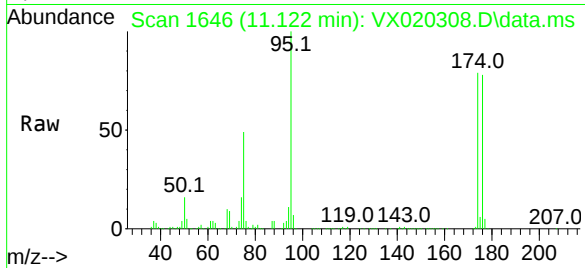




#62
4-Bromofluorobenzene
Concen: 46.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

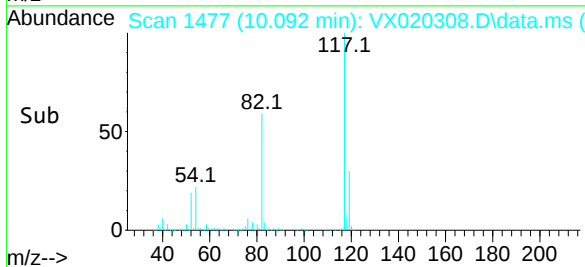
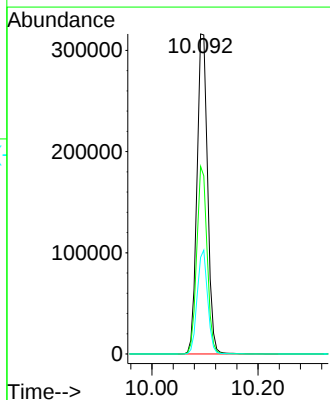
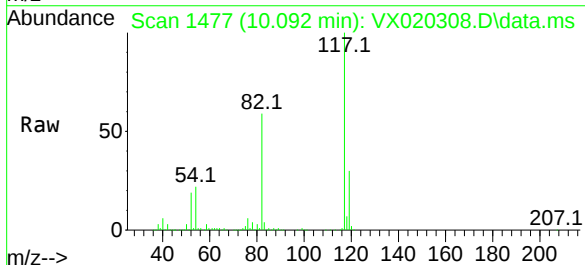
Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

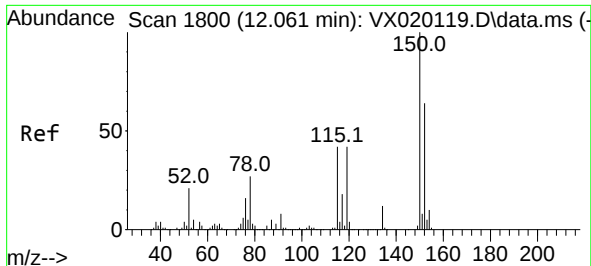
Tgt Ion: 95 Resp: 207865
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

Tgt Ion: 117 Resp: 438232
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 30.2 26.6 39.8

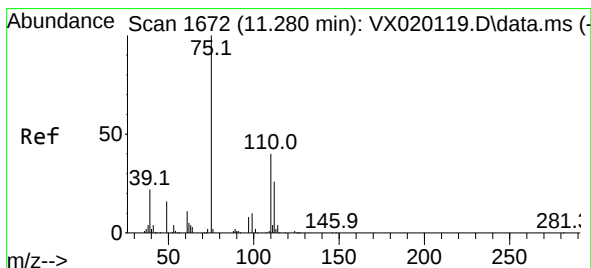
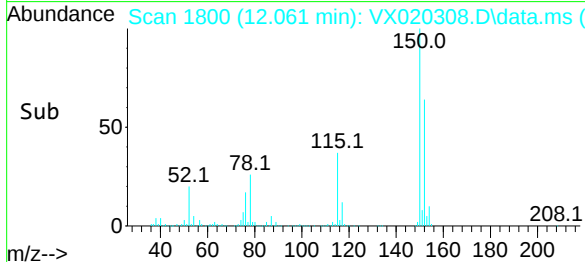
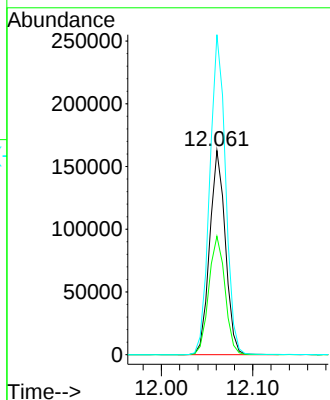
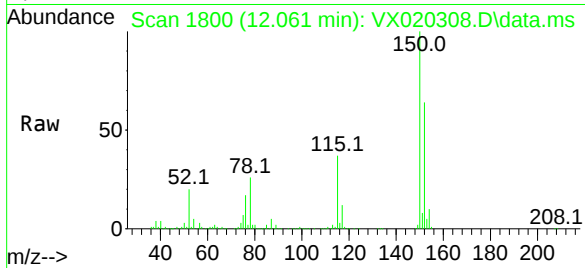




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

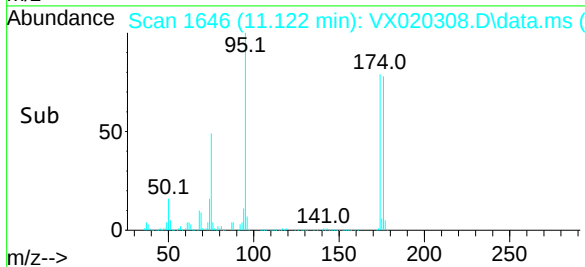
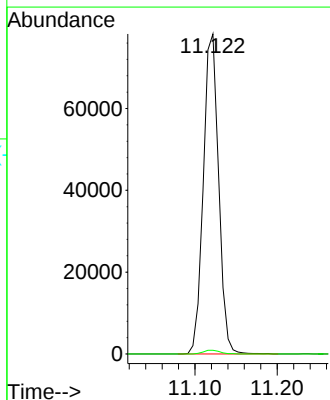
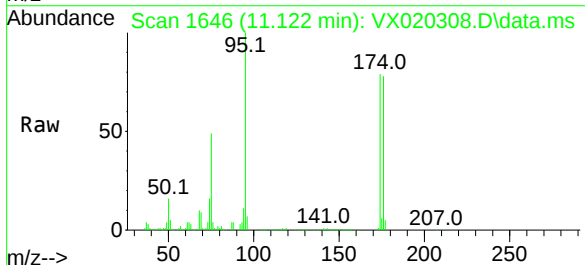
Instrument :
MSVOA_X
ClientSampleId :
49-MW003(SBR)-121320

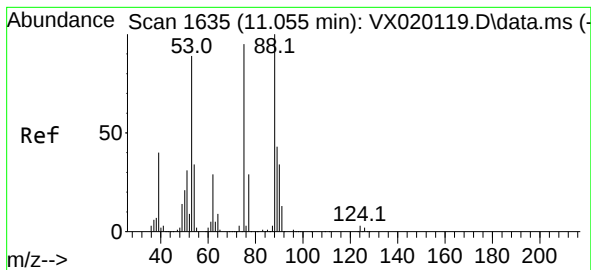
Tgt Ion:152 Resp: 193388
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020308.D
Acq: 22 Dec 2020 17:03

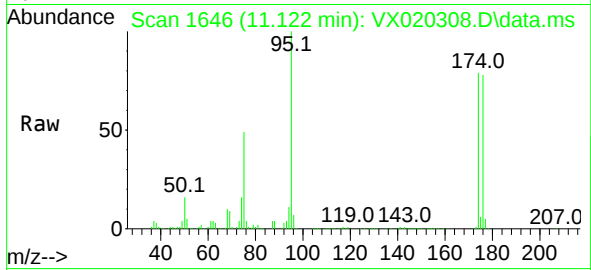
Tgt Ion: 75 Resp: 101143
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.99 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020308.D
 Acq: 22 Dec 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW003(SBR)-121320



Tgt Ion: 75 Resp: 101143
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

