

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020198.D
 Acq On : 20 Dec 2020 02:27
 Operator : JC/MD
 Sample : L5094-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-TB-121320

Quant Time: Dec 21 02:42:15 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)

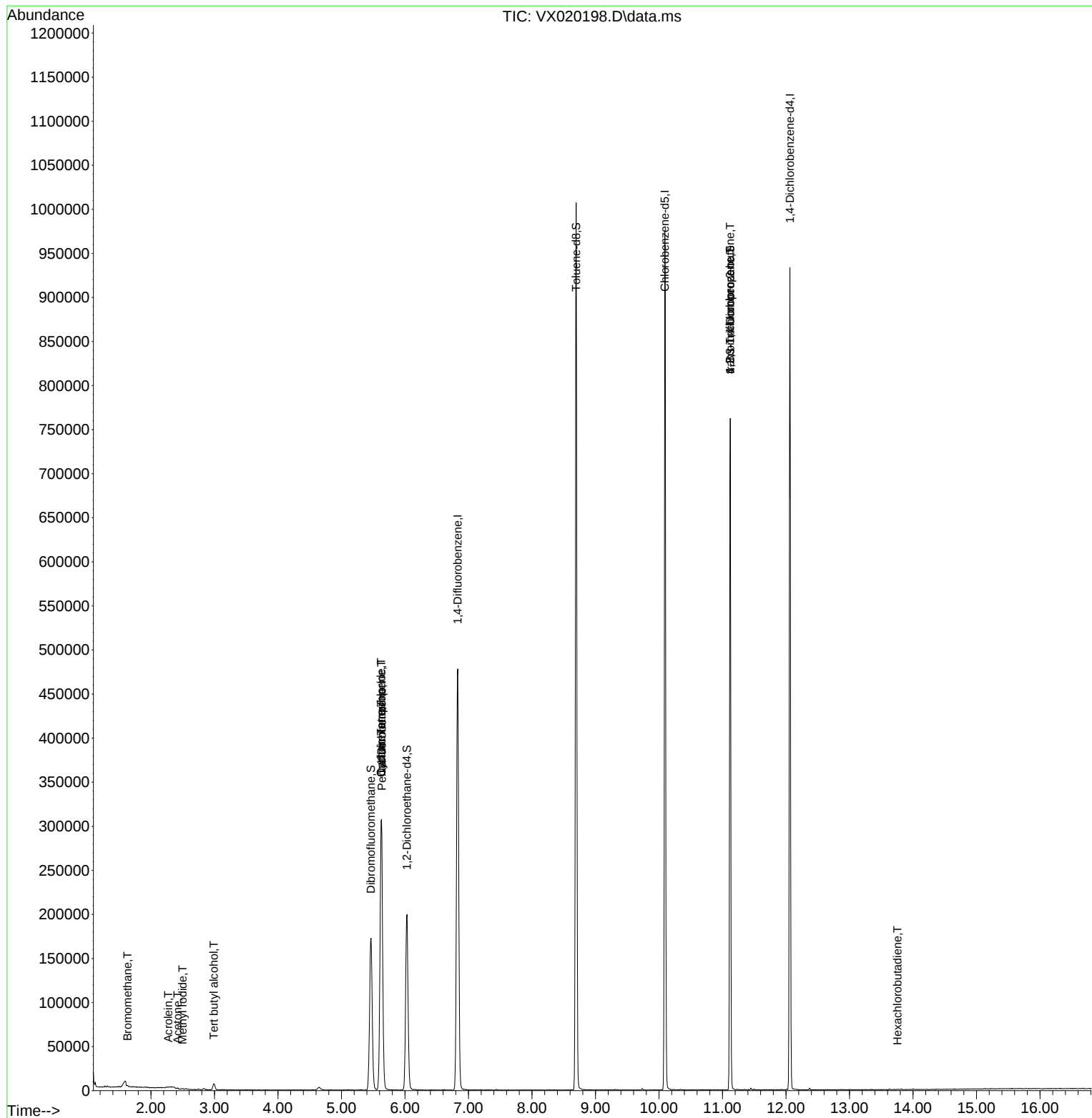
Internal Standards						
1) Pentafluorobenzene	5.635	168	297240	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.830	114	495077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	451190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	190456	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	5.465	113	154973	48.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.86%
50) Toluene-d8	8.696	98	598155	49.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.14%
62) 4-Bromofluorobenzene	11.122	95	205723	44.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.18%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	751	0.57	ug/l	86
10) Methyl Iodide	2.496	142	956	3.51	ug/l #	90
11) Tert butyl alcohol	2.989	59	4556	5.11	ug/l #	75
13) Acrolein	2.270	56	146	0.26	ug/l	92
16) Acetone	2.416	43	1080	0.59	ug/l #	83
31) Cyclohexane	5.623	56	6163	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23312	4.76	ug/l #	48
38) Carbon Tetrachloride	5.623	117	29760	6.39	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	100590	21.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100590	64.55	ug/l #	12
94) Hexachlorobutadiene	13.756	225	136	2.72	ug/l	69

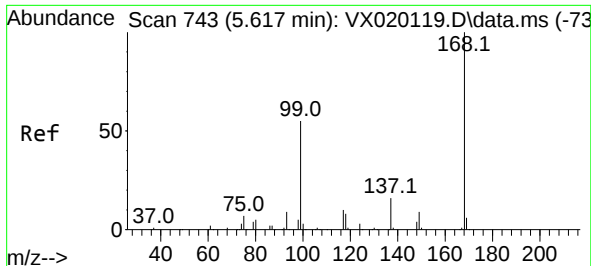
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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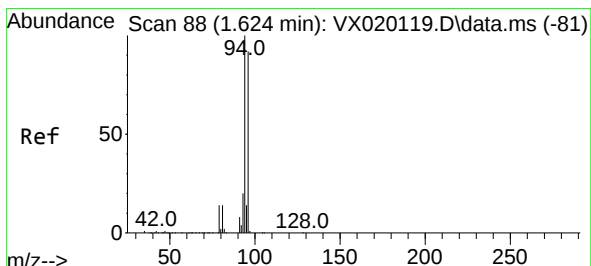
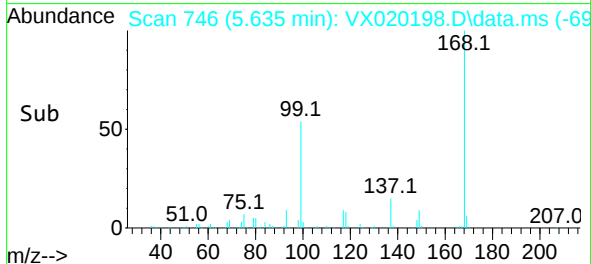
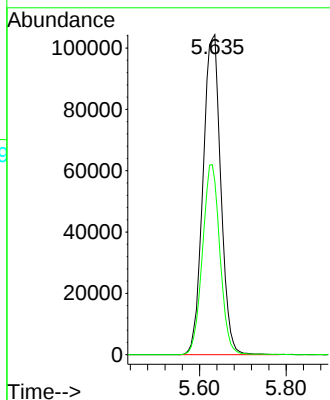
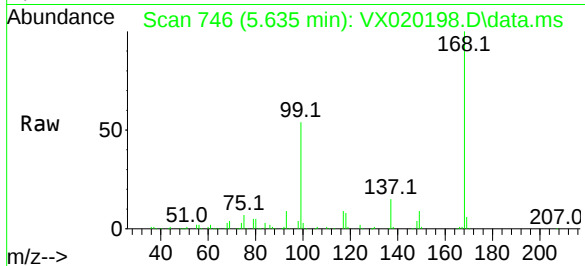




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.018 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

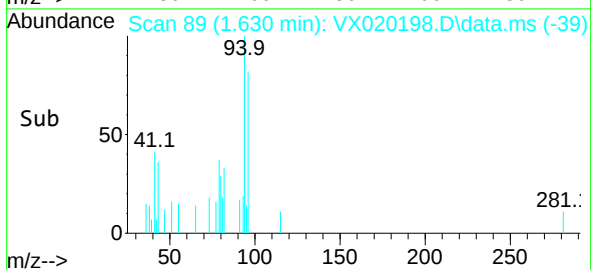
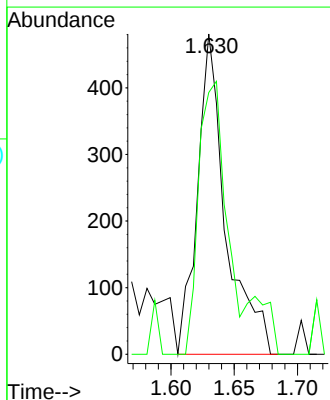
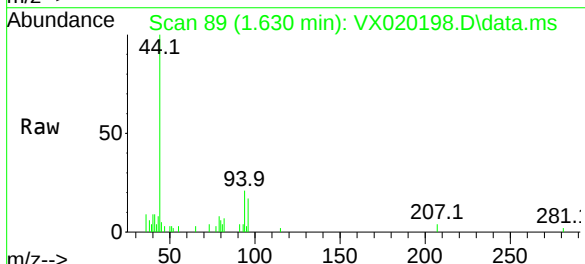
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

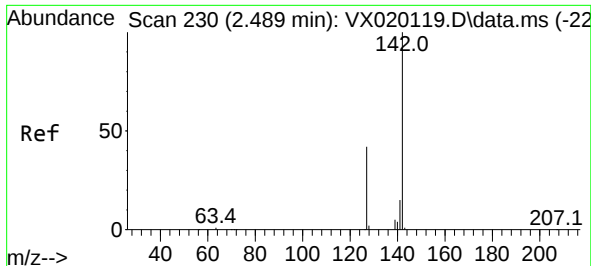
Tgt Ion:168 Resp: 297240
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

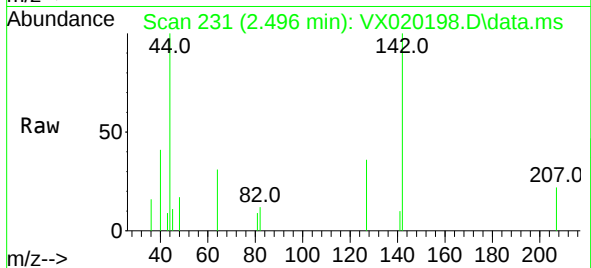
Tgt Ion: 94 Resp: 751
Ion Ratio Lower Upper
94 100
96 81.7 76.4 114.6



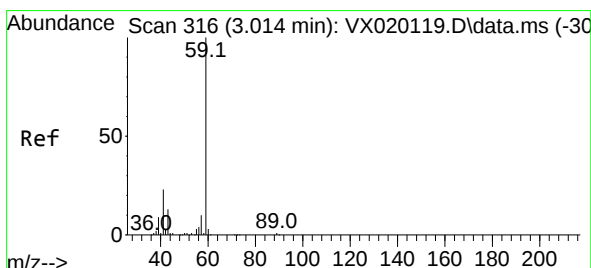
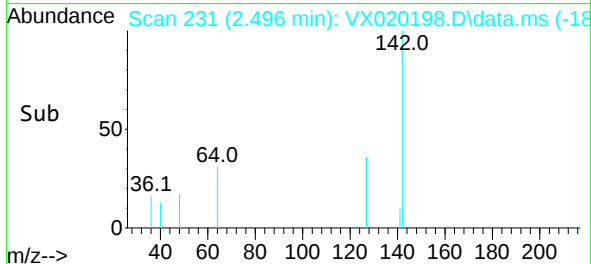
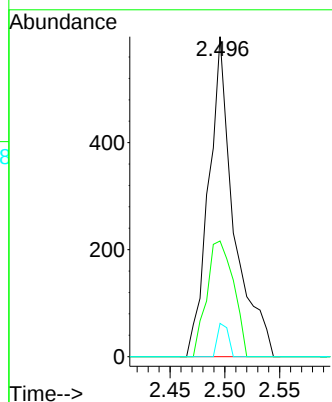


#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

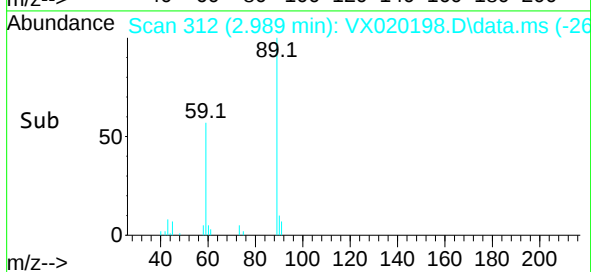
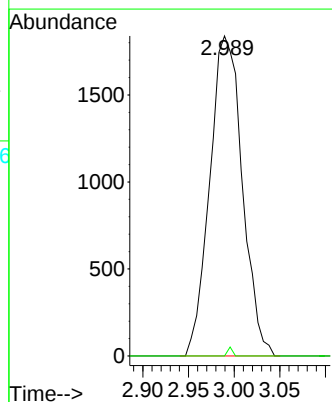
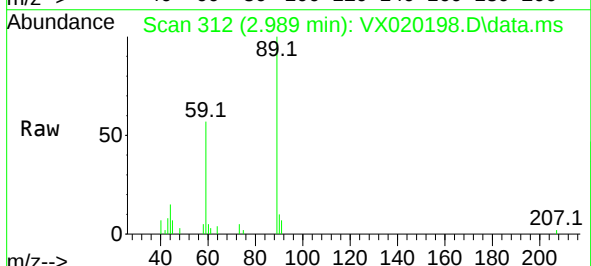


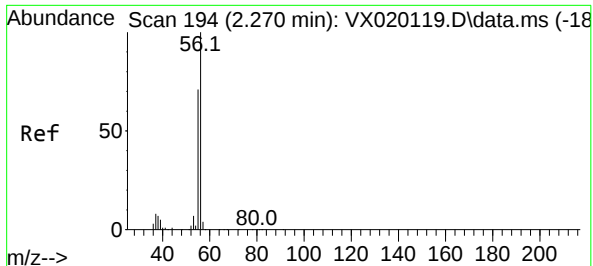
Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
127 38.4 33.3 49.9
141 4.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.11 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Tgt Ion: 59 Resp: 4556
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

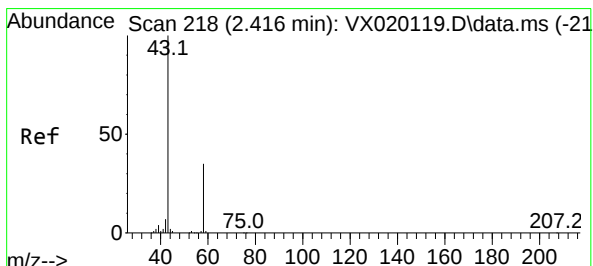
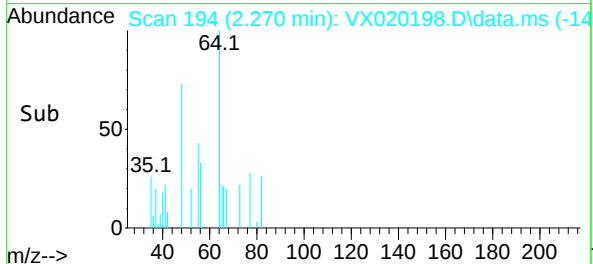
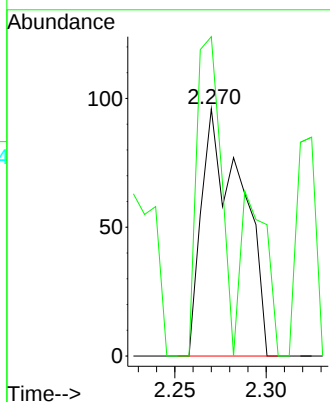
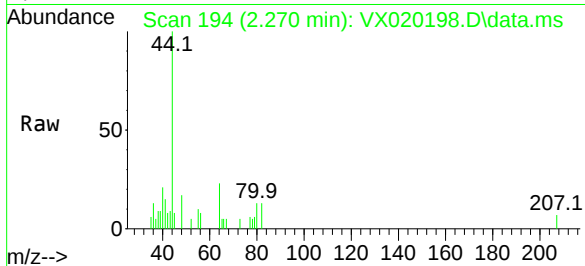




#13
Acrolein
Concen: 0.26 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

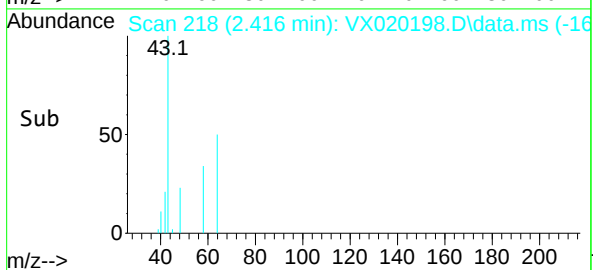
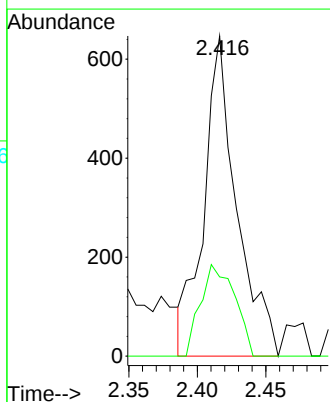
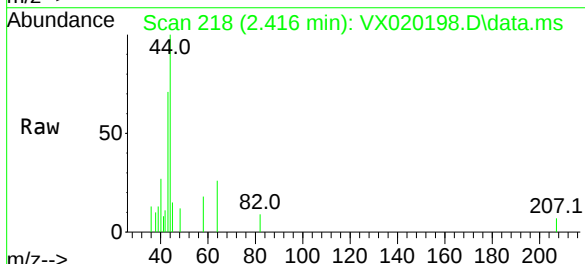
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

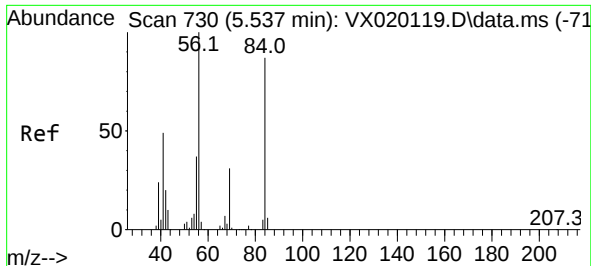
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 77.4 56.4 84.6



#16
Acetone
Concen: 0.59 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

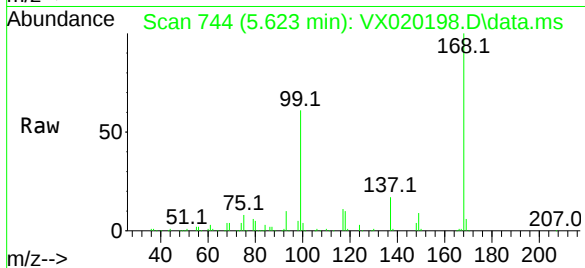
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



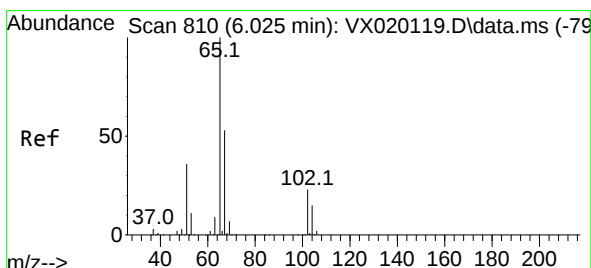
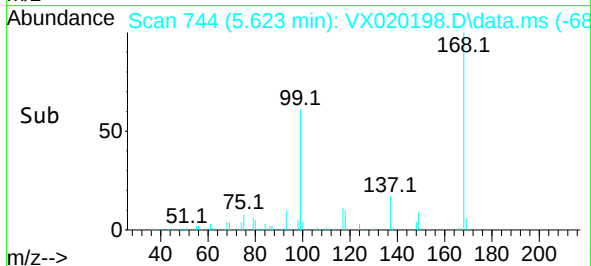
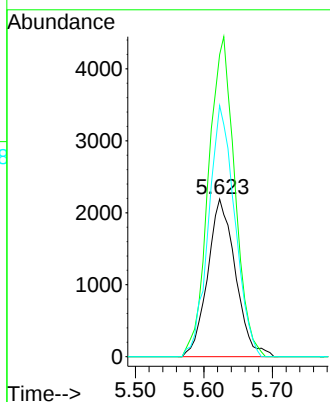


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

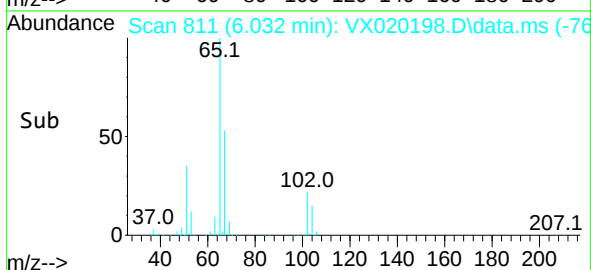
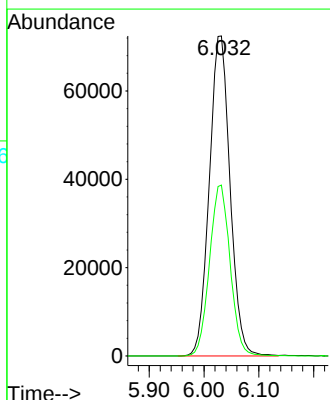
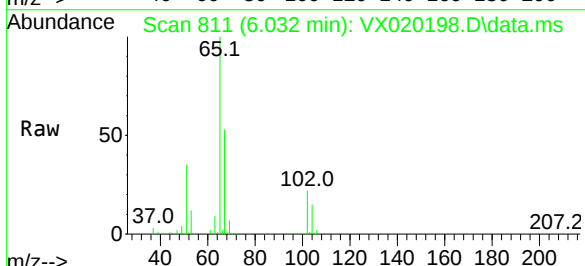


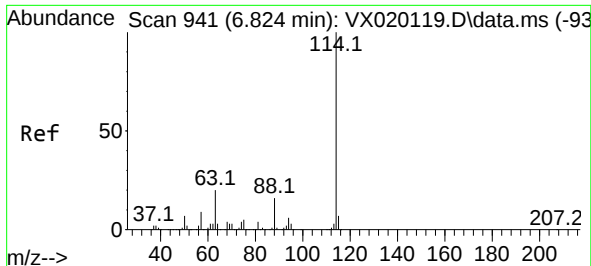
Tgt Ion: 56 Resp: 6163
Ion Ratio Lower Upper
56 100
69 191.7 25.3 37.9#
84 159.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.80 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

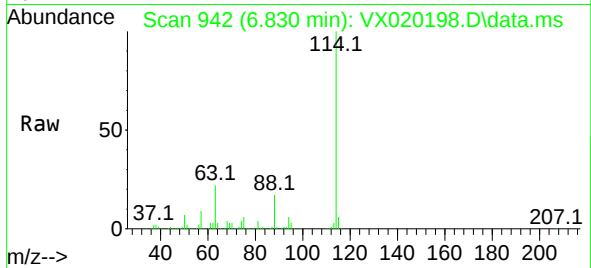
Tgt Ion: 65 Resp: 190456
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



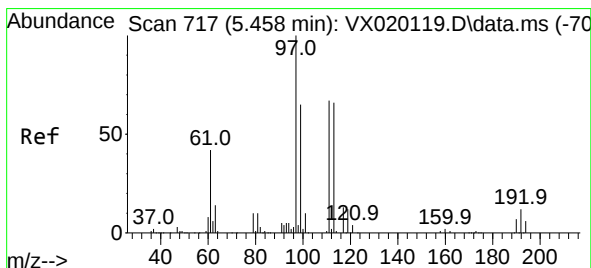
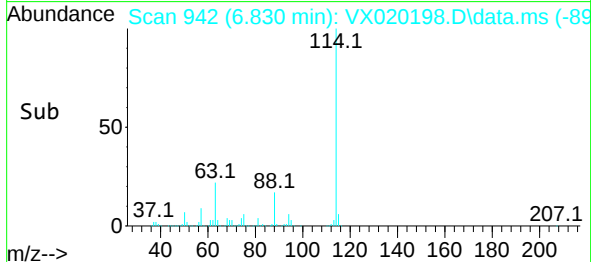
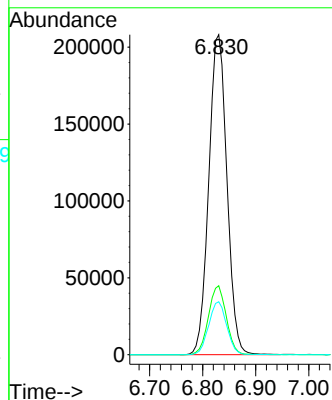


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

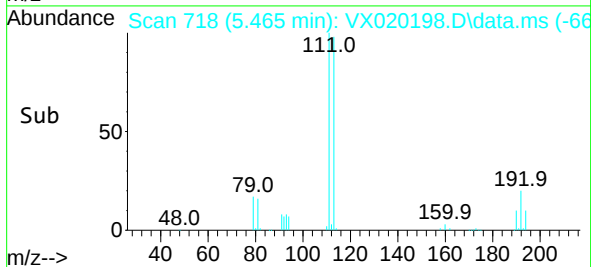
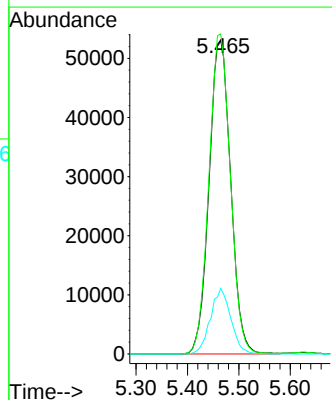
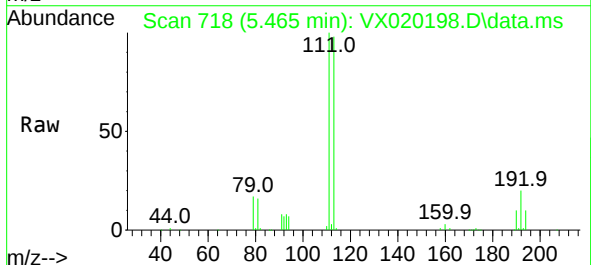


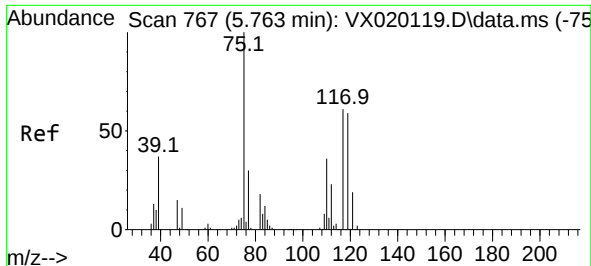
Tgt Ion:114 Resp: 495077
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

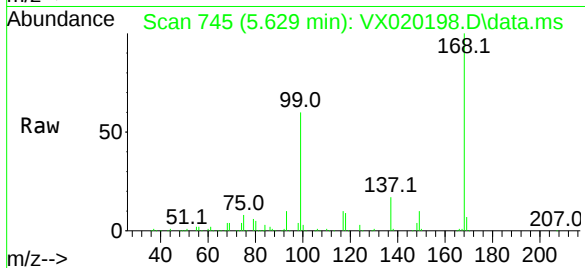
Tgt Ion:113 Resp: 154973
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.7 16.7 25.1



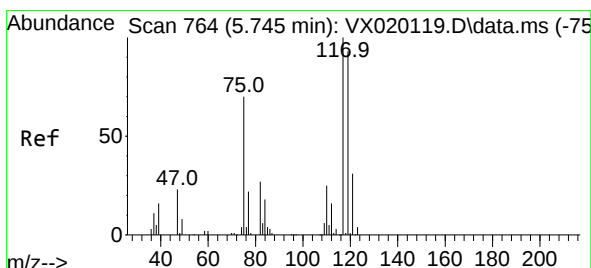
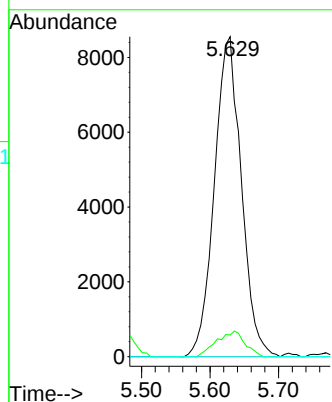
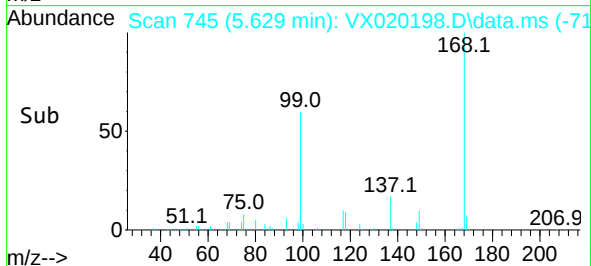


#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

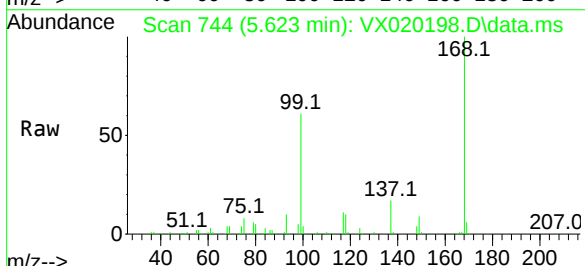
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49-TB-121320



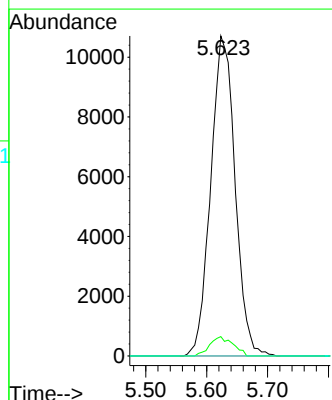
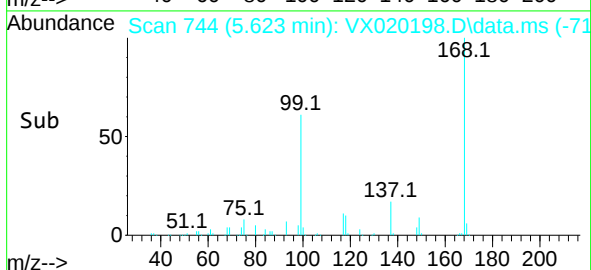
Tgt Ion: 75 Resp: 23312
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

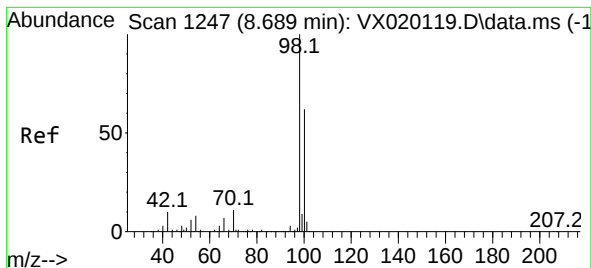


#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27



Tgt Ion: 117 Resp: 29760
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

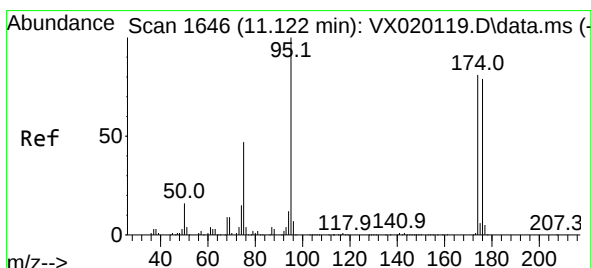
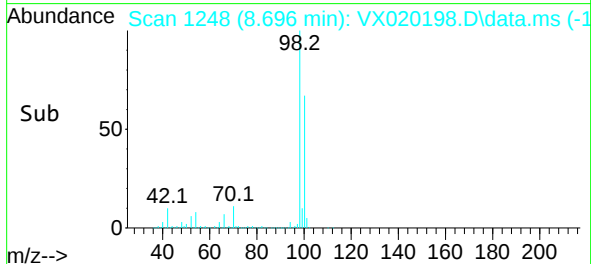
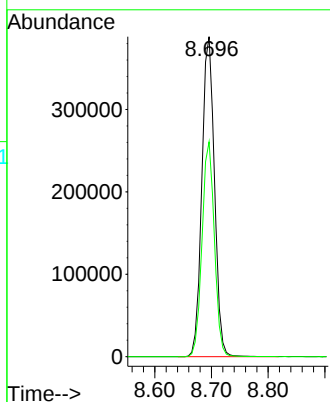
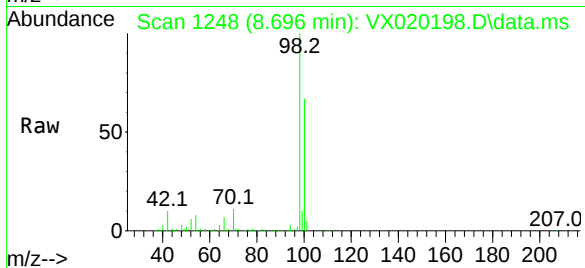




#50
Toluene-d8
Concen: 49.07 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

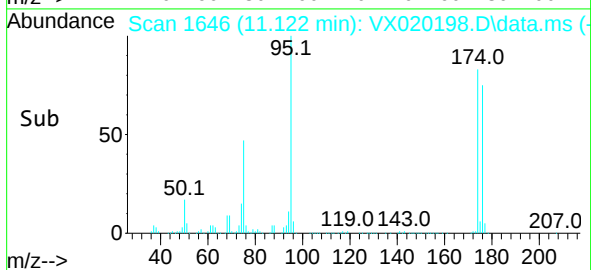
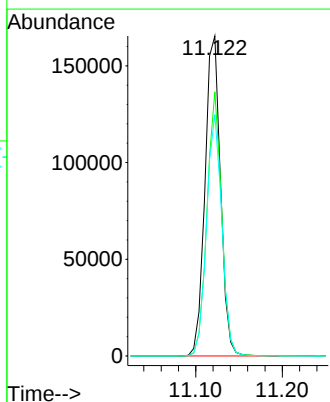
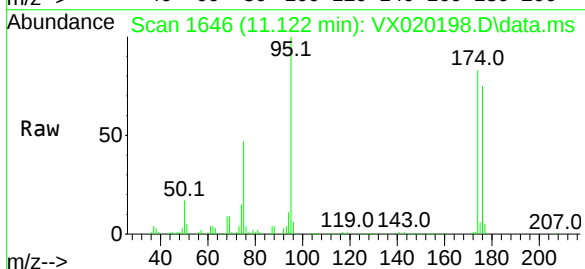
Instrument :
MSVOA_X
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49-TB-121320

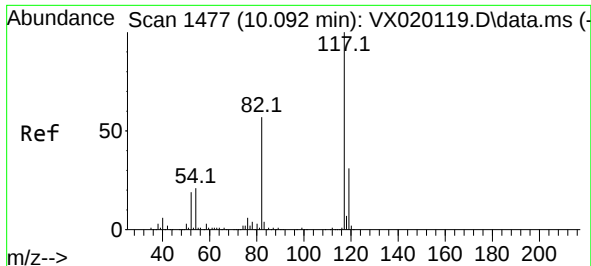
Tgt Ion: 98 Resp: 598155
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Tgt Ion: 95 Resp: 205723
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 74.4 0.0 155.8

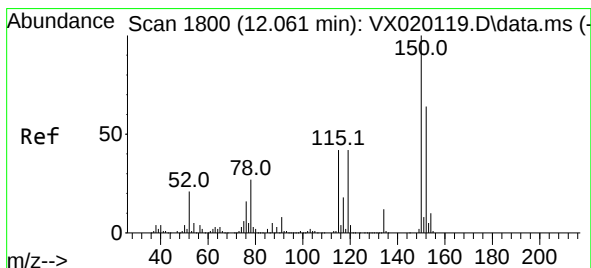
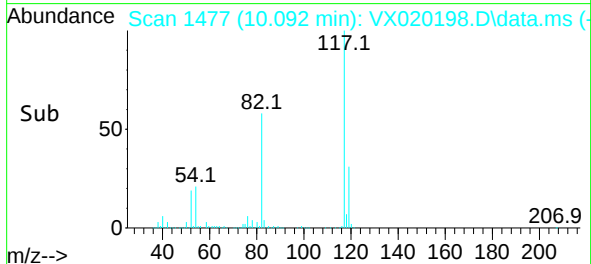
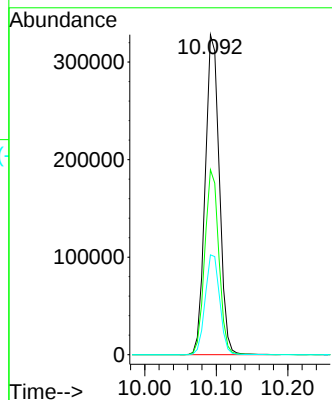
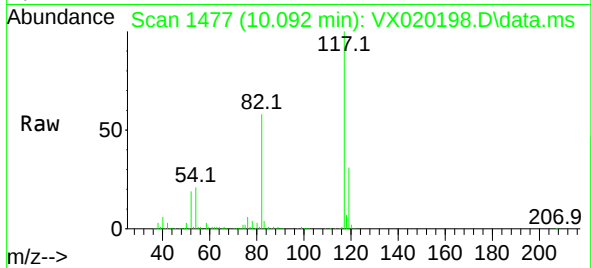




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

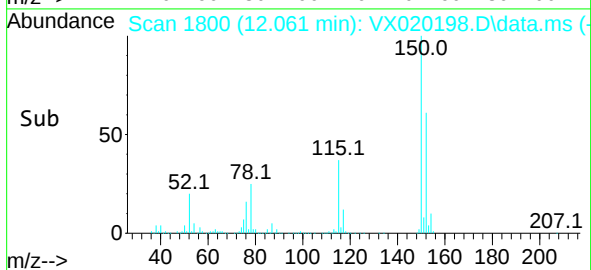
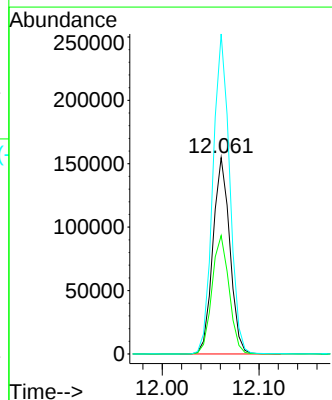
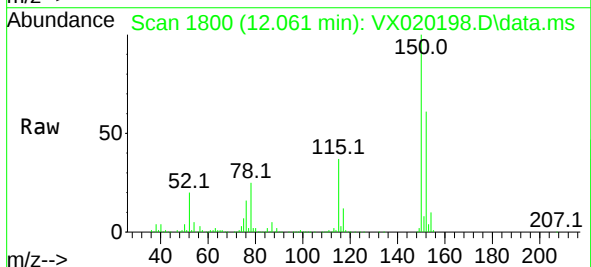
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

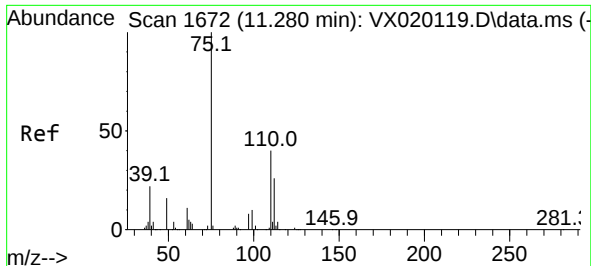
Tgt Ion:117 Resp: 451190
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

Tgt Ion:152 Resp: 187700
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 161.2 0.0 349.0

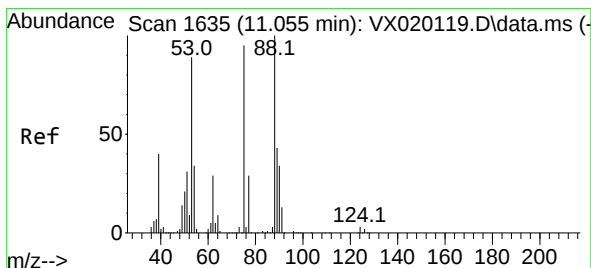
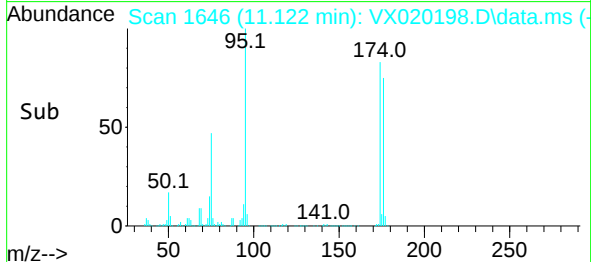
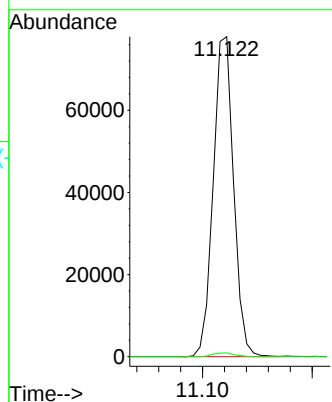
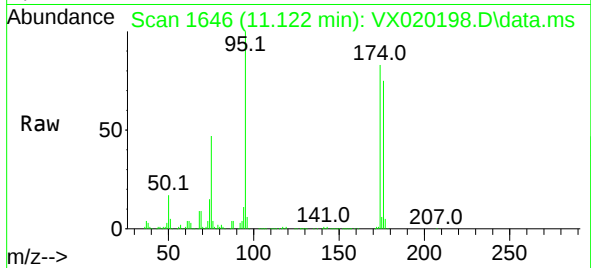




#76
1,2,3-Trichloropropane
Concen: 21.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

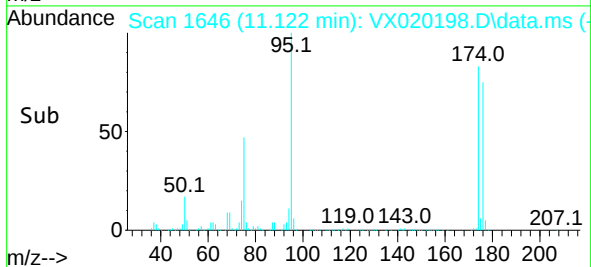
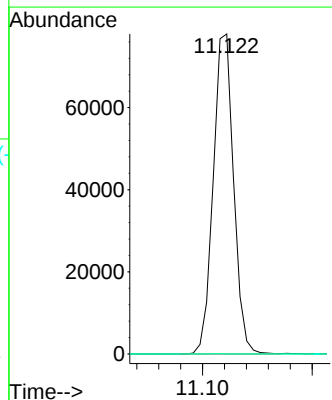
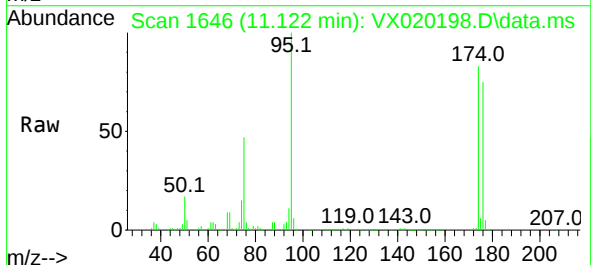
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

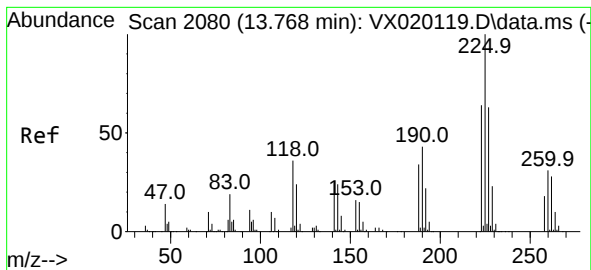
Tgt Ion: 75 Resp: 100590
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020198.D
Acq: 20 Dec 2020 02:27

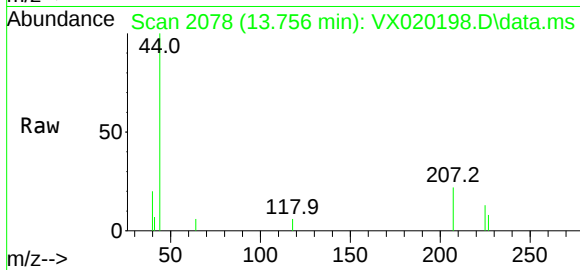
Tgt Ion: 75 Resp: 100590
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.72 ug/l
 RT: 13.756 min Scan# 2078
 Delta R.T. -0.012 min
 Lab File: VX020198.D
 Acq: 20 Dec 2020 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 49-TB-121320



Tgt Ion:	225	Resp:	136
Ion	Ratio	Lower	Upper
225	100		
223	44.1	31.1	93.2
227	93.4	31.6	95.0

