

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020357.D
 Acq On : 23 Dec 2020 23:17
 Operator : JC/MD
 Sample : L5094-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-TB-121320

Quant Time: Dec 24 05:33:35 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)

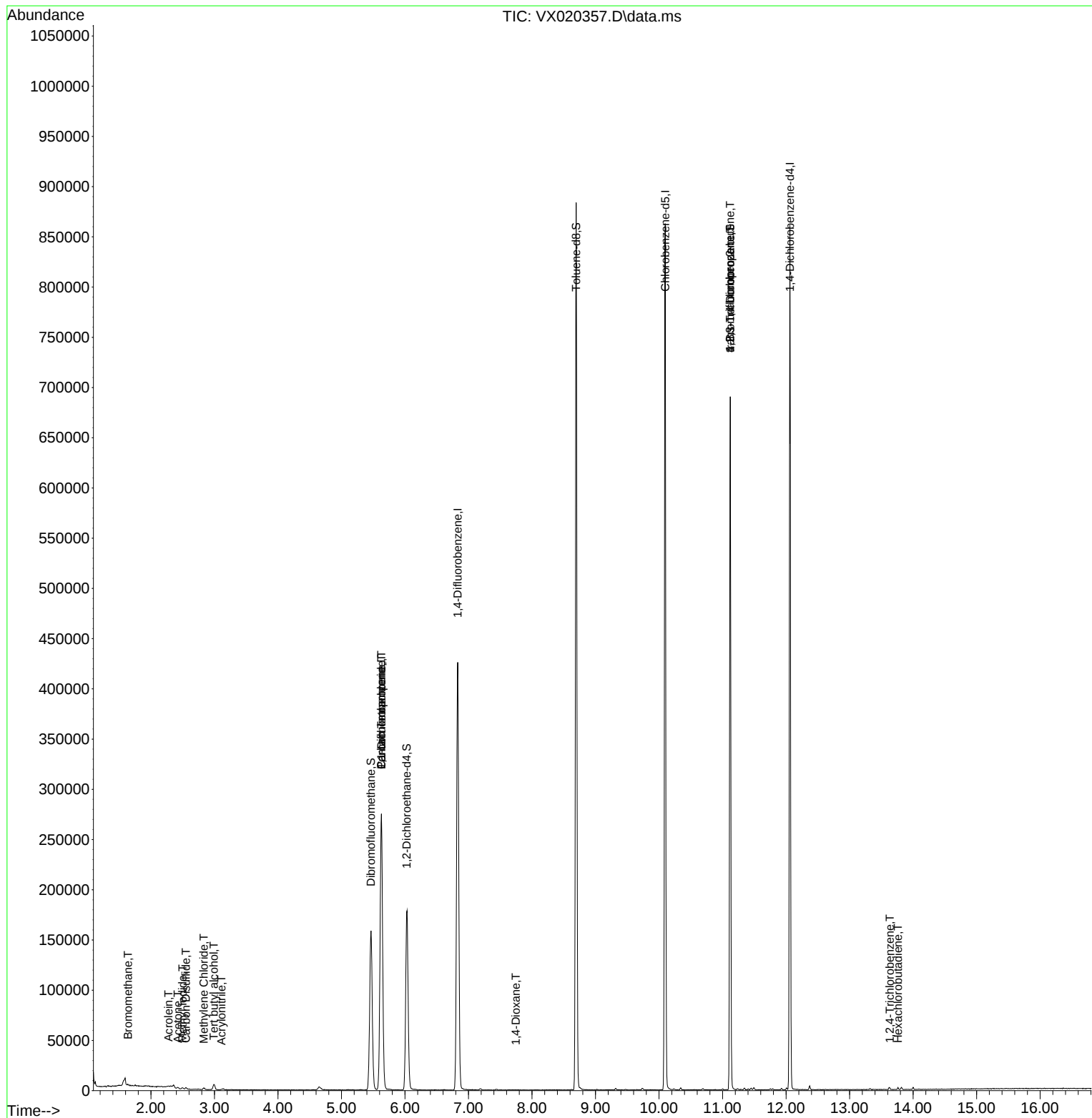
Internal Standards						
1) Pentafluorobenzene	5.629	168	260838	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	413073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	170193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	171859	49.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.30%		
35) Dibromofluoromethane	5.464	113	138359	50.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.60%		
50) Toluene-d8	8.695	98	524473	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.06%		
62) 4-Bromofluorobenzene	11.122	95	191081	47.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.30%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	848	0.74	ug/l	85
10) Methyl Iodide	2.495	142	1341	3.64	ug/l #	97
11) Tert butyl alcohol	2.989	59	3314	4.23	ug/l #	73
13) Acrolein	2.276	56	269	0.55	ug/l #	1
15) Acrylonitrile	3.111	53	379	0.21	ug/l #	84
16) Acetone	2.422	43	1360	0.85	ug/l #	61
17) Carbon Disulfide	2.550	76	1849	0.23	ug/l	100
20) Methylene Chloride	2.831	84	755	0.21	ug/l	95
36) 1,1-Dichloropropene	5.629	75	20359	4.79	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25898	6.41	ug/l #	17
49) 1,4-Dioxane	7.744	88	18	0.23	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	91976	21.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91976	65.09	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.634	180	782	0.21	ug/l	90
94) Hexachlorobutadiene	13.762	225	421	2.90	ug/l	90

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

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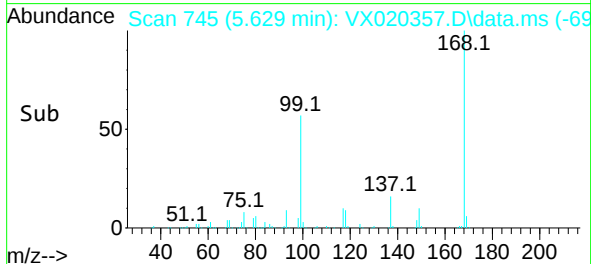
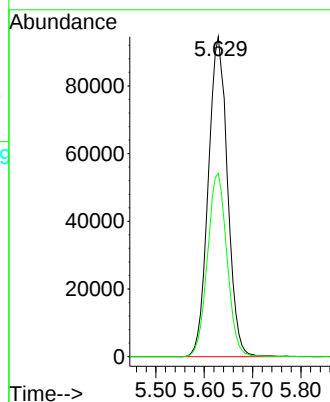
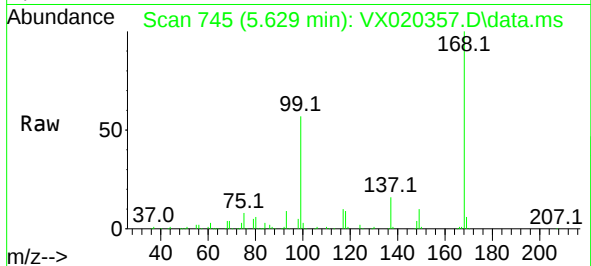




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

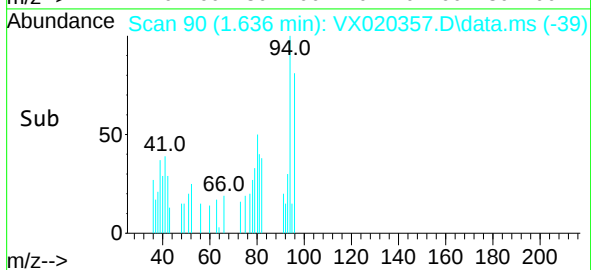
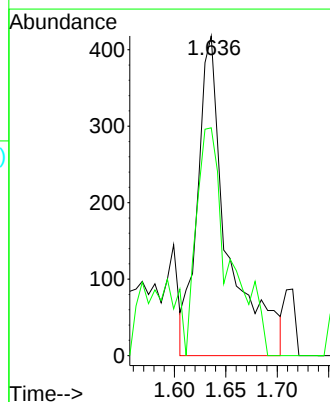
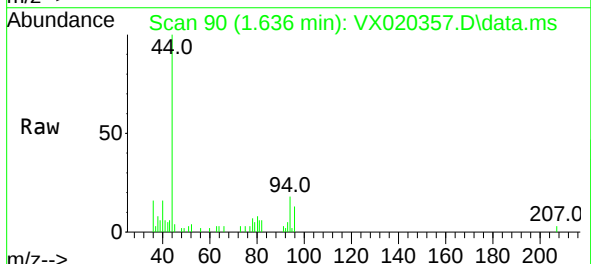
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

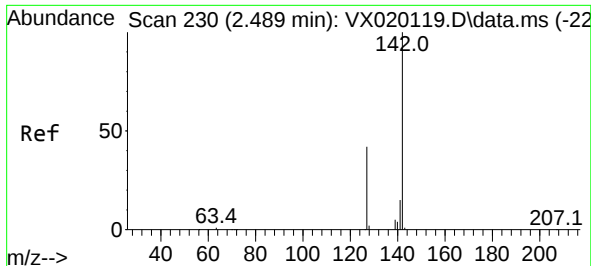
Tgt Ion:168 Resp: 260838
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: 0.74 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

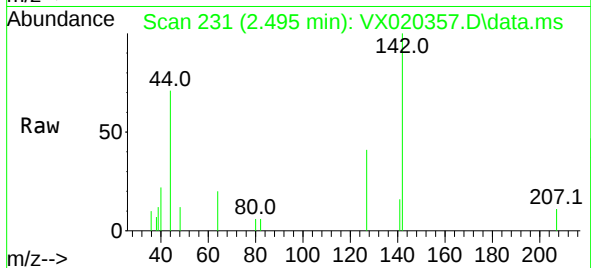
Tgt Ion: 94 Resp: 848
Ion Ratio Lower Upper
94 100
96 81.2 76.4 114.6



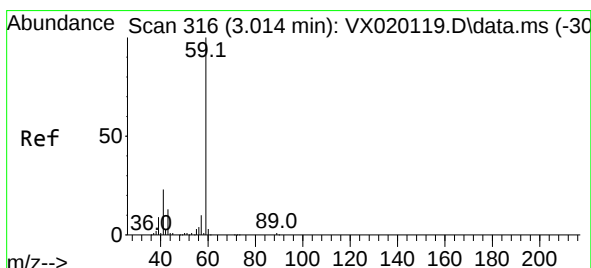
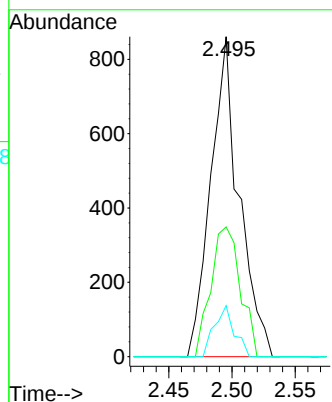
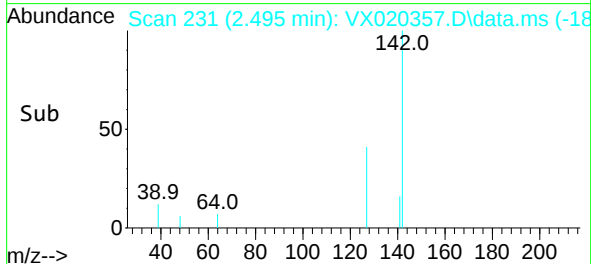


#10
Methyl Iodide
Concen: 3.64 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

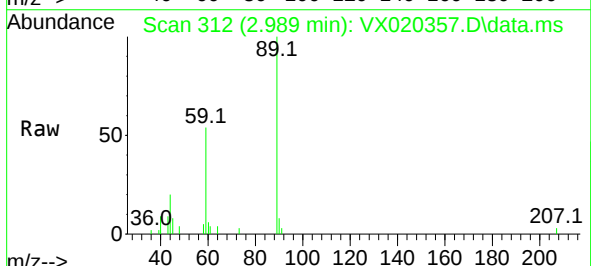
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320



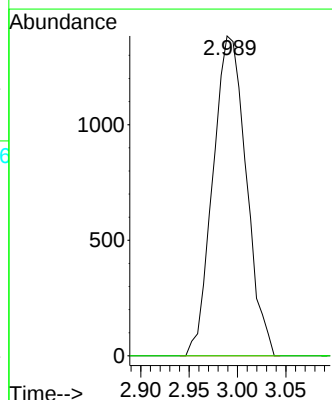
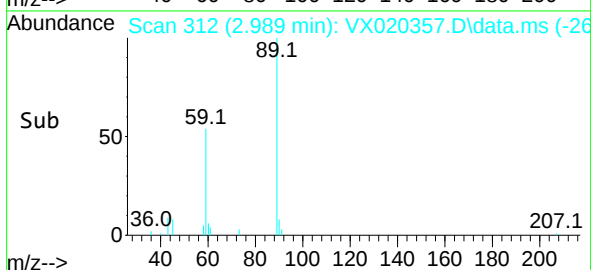
Tgt Ion:142 Resp: 1341
Ion Ratio Lower Upper
142 100
127 42.2 33.3 49.9
141 11.2 11.4 17.0#

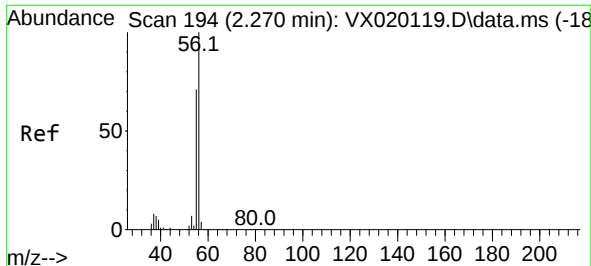


#11
Tert butyl alcohol
Concen: 4.23 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17



Tgt Ion: 59 Resp: 3314
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

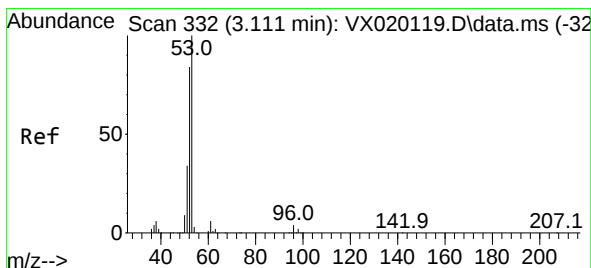
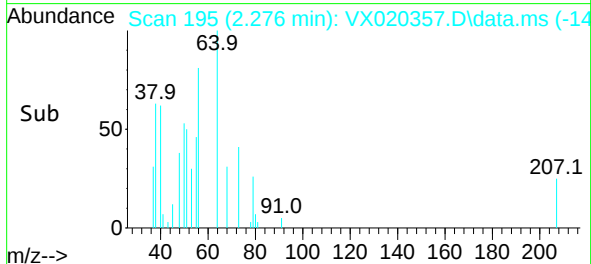
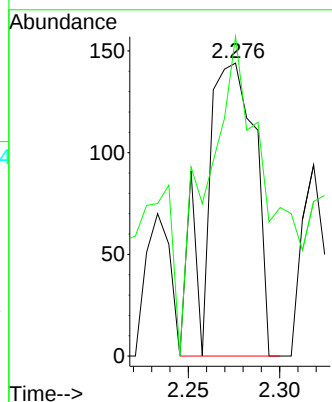
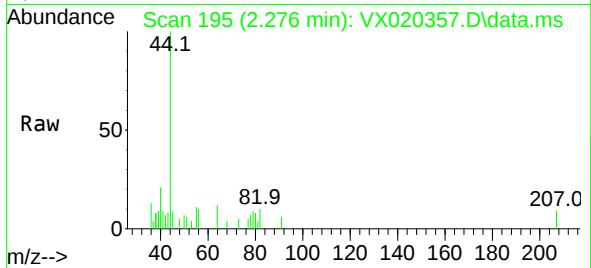




#13
Acrolein
Concen: 0.55 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

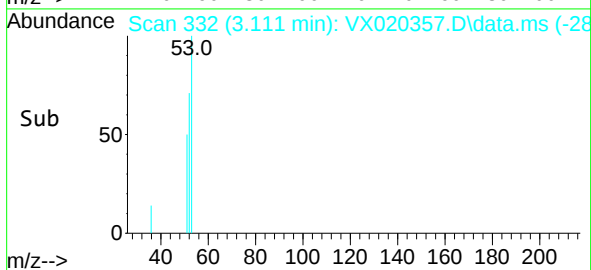
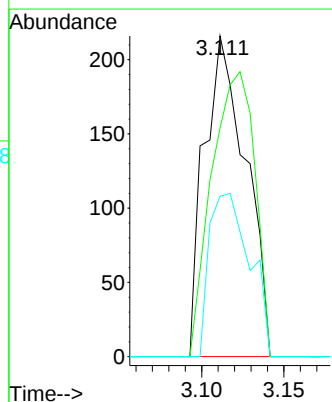
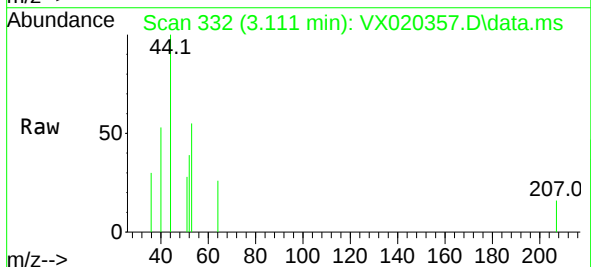
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 160.6 56.4 84.6#



#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 53 Resp: 379
Ion Ratio Lower Upper
53 100
52 92.3 65.3 97.9
51 49.6 28.2 42.2#

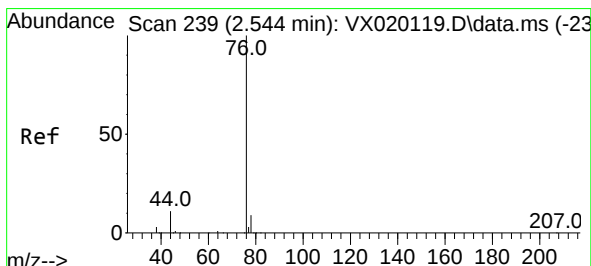
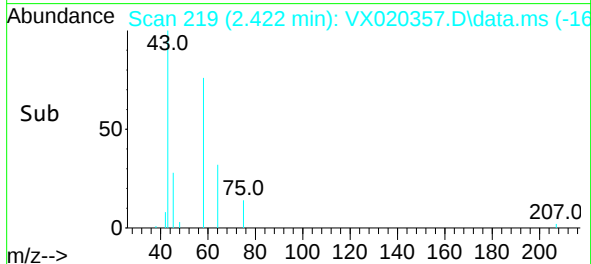
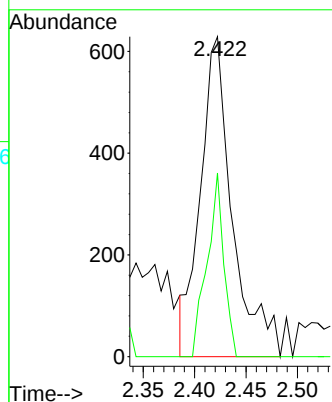
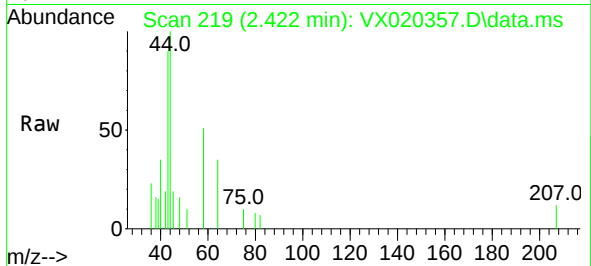




#16
Acetone
Concen: 0.85 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

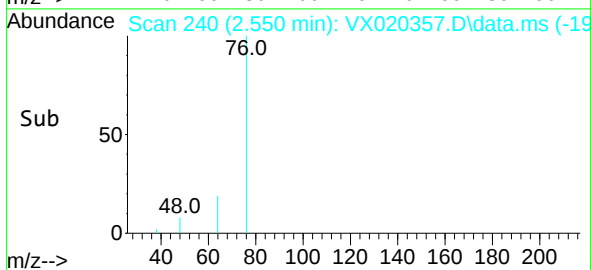
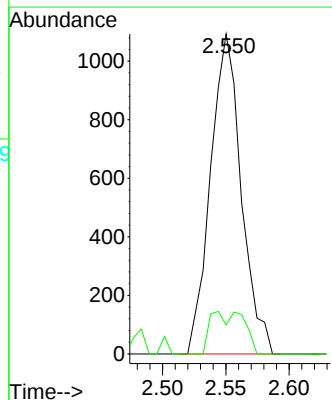
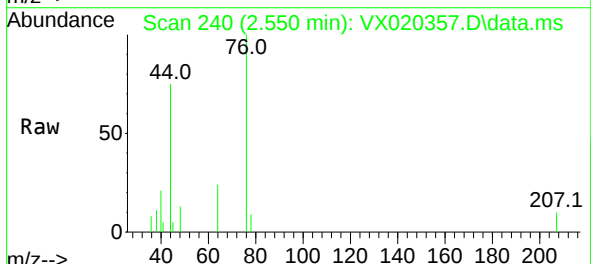
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

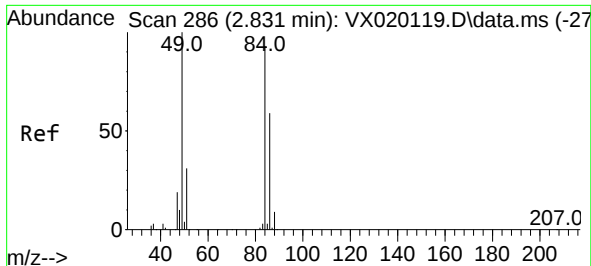
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 57.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 76 Resp: 1849
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

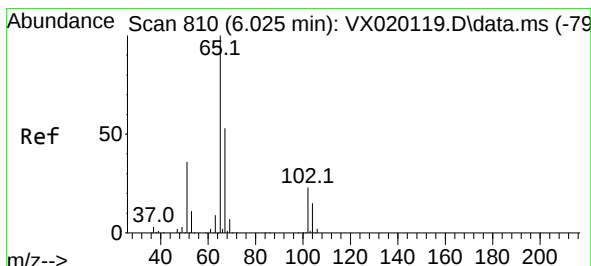
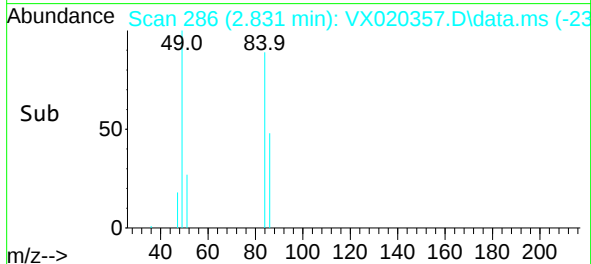
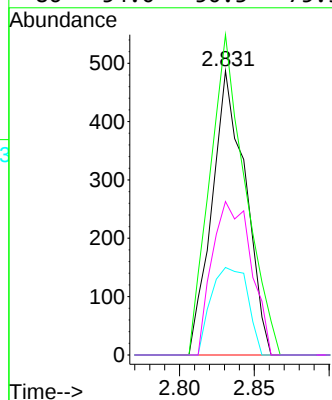
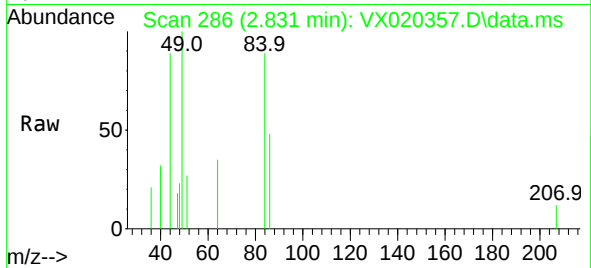




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

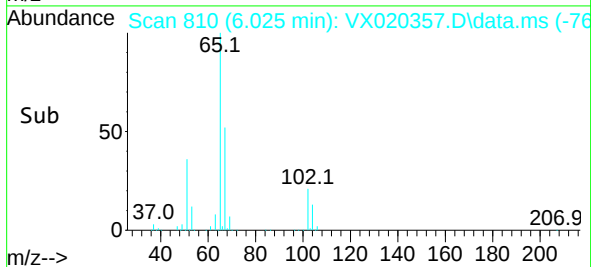
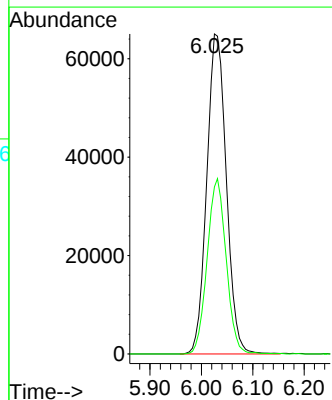
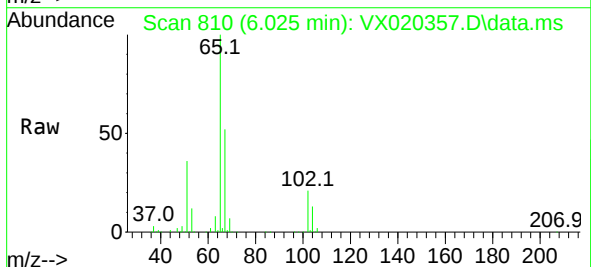
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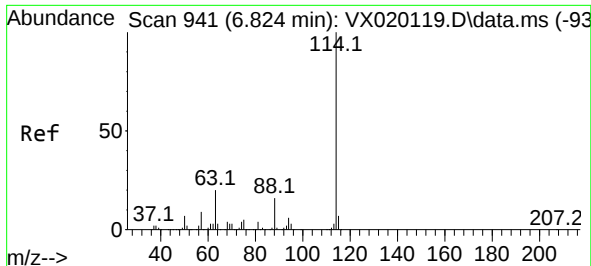
Tgt Ion:	84	Resp:	755
Ion	Ratio	Lower	Upper
84	100		
49	112.7	88.6	132.8
51	30.8	27.0	40.6
86	54.0	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.15 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion:	65	Resp:	171859
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

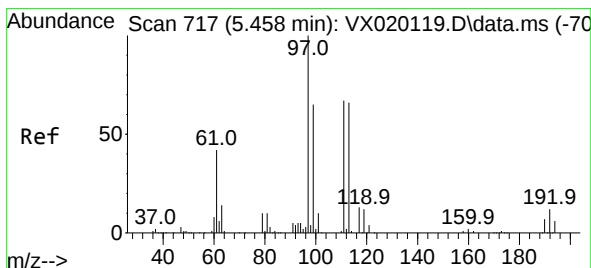
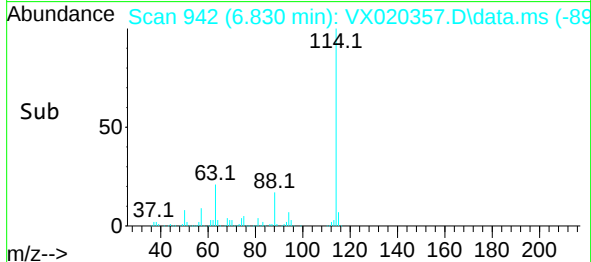
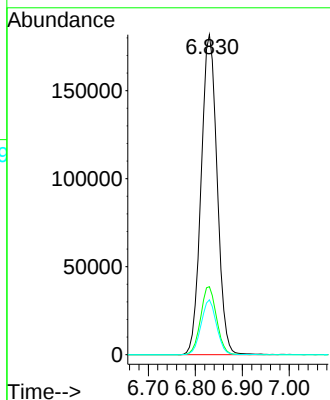
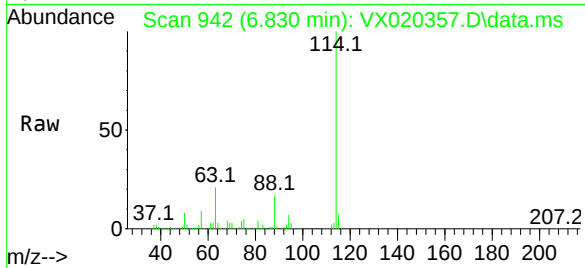




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

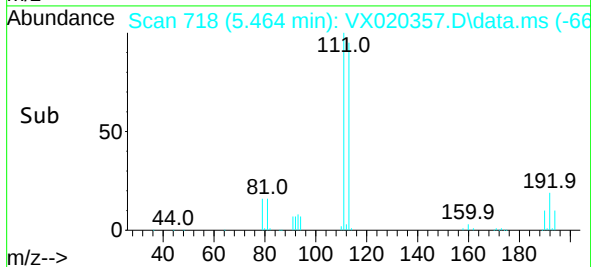
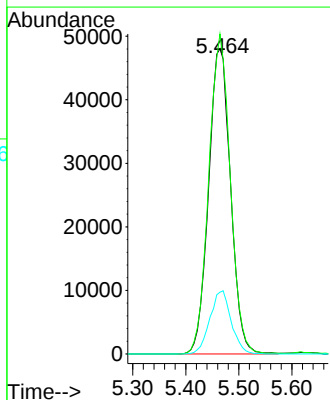
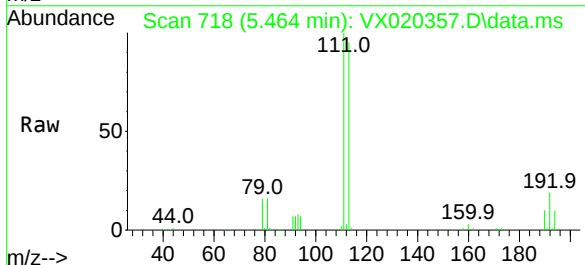
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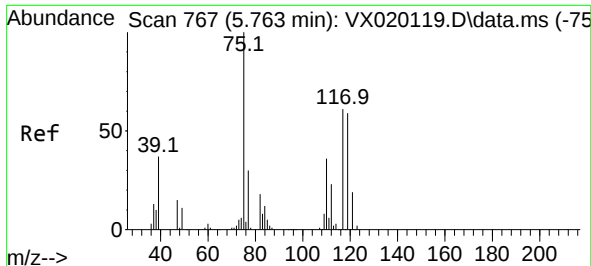
Tgt Ion:114 Resp: 430004
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion:113 Resp: 138359
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.1 16.7 25.1

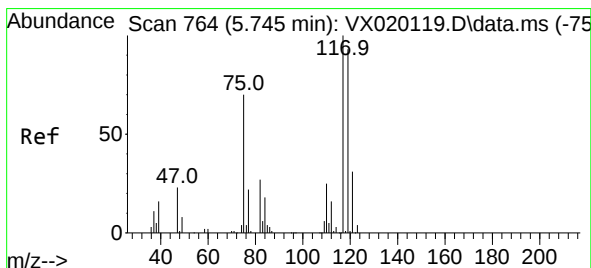
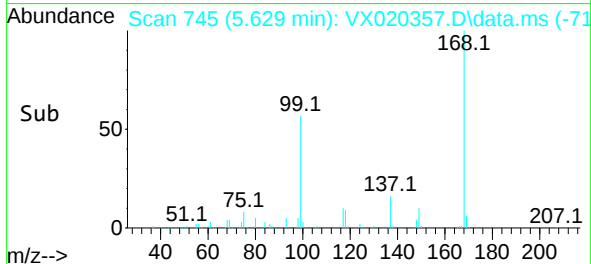
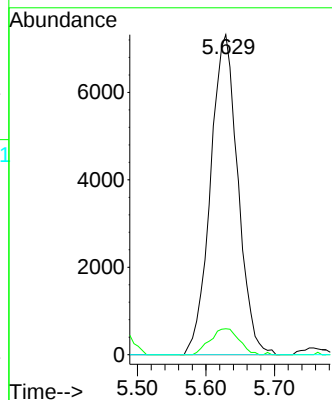
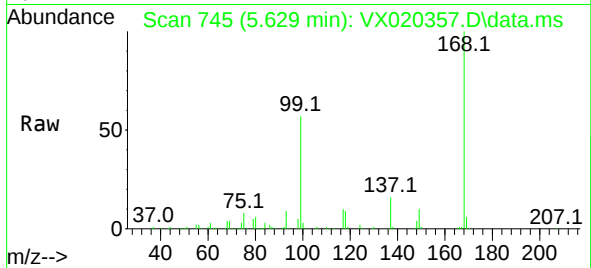




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

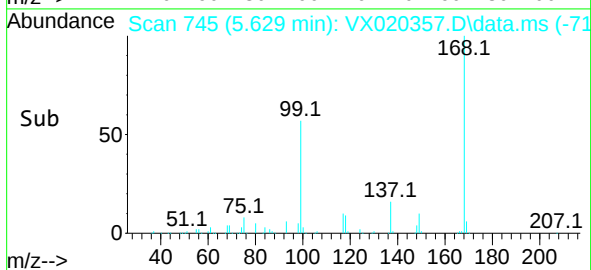
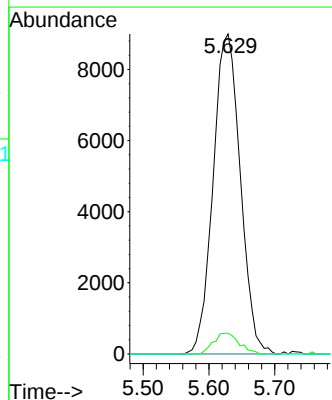
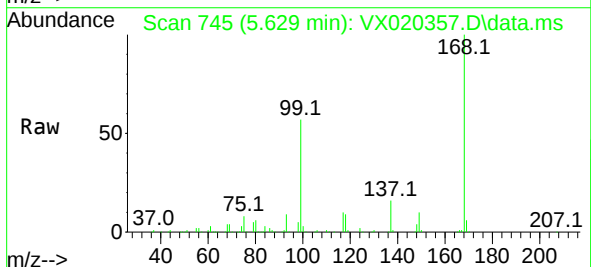
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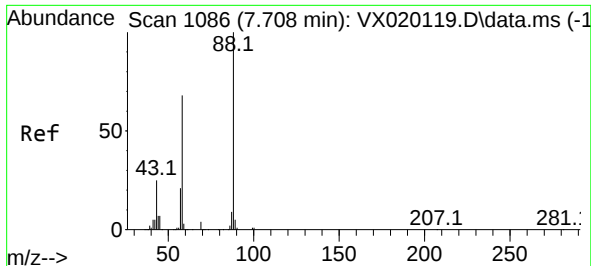
Tgt Ion: 75 Resp: 20359
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 117 Resp: 25898
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

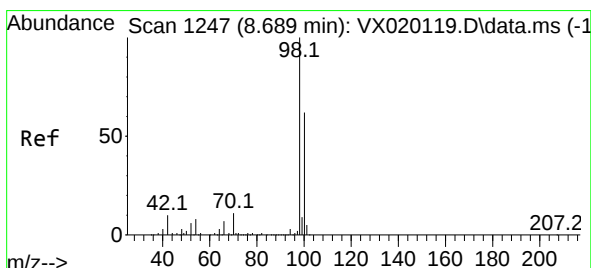
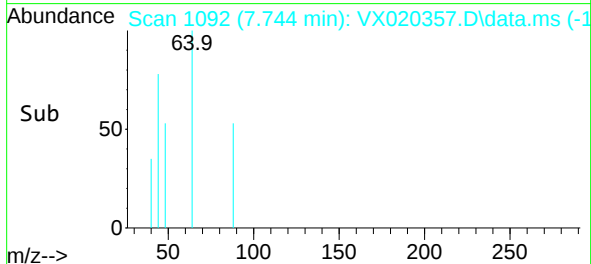
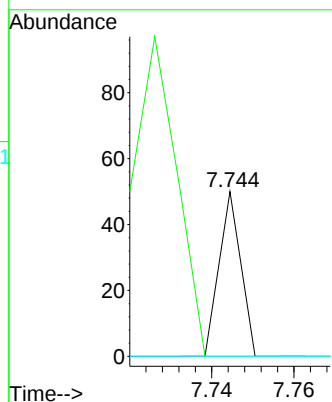
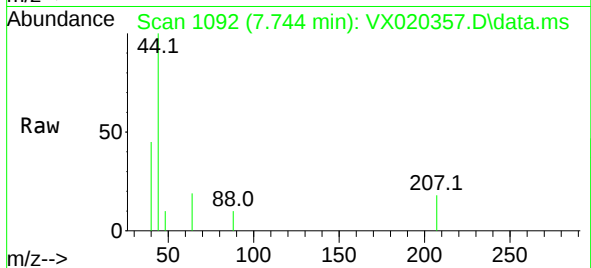




#49
1,4-Dioxane
Concen: 0.23 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. 0.036 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

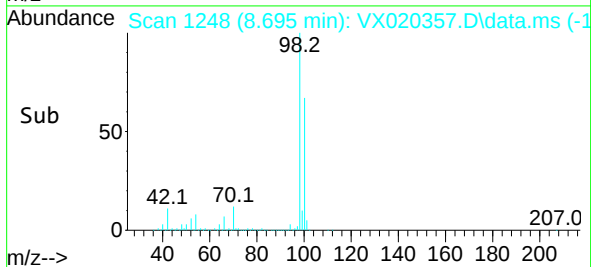
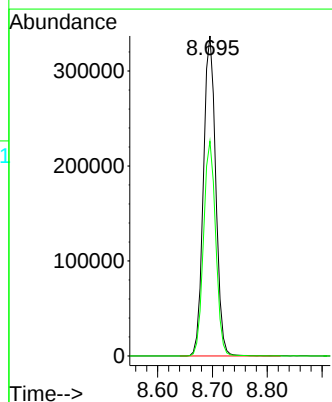
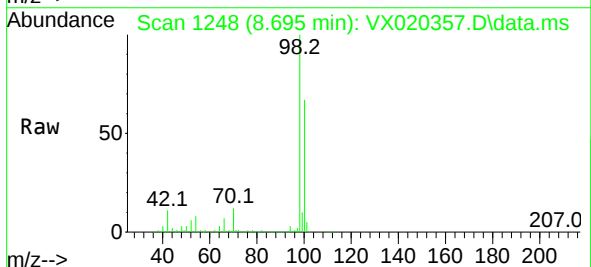
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

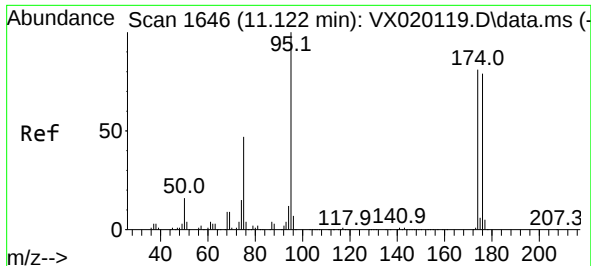
Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 400.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 98 Resp: 524473
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

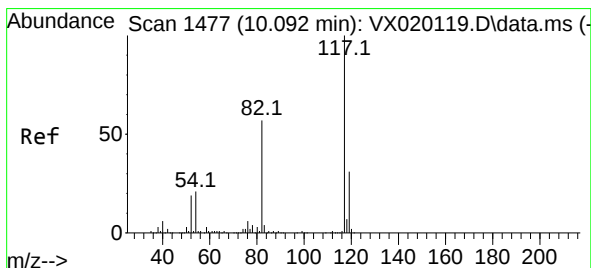
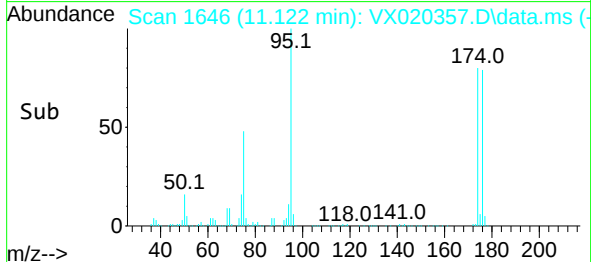
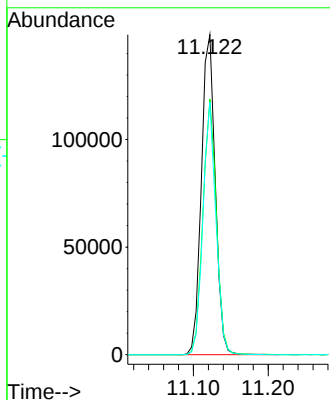
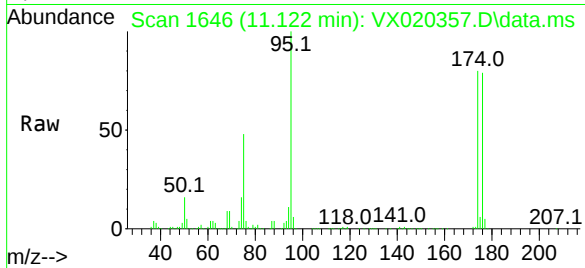




#62
4-Bromofluorobenzene
Concen: 47.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

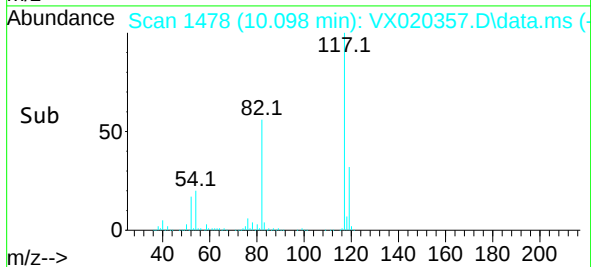
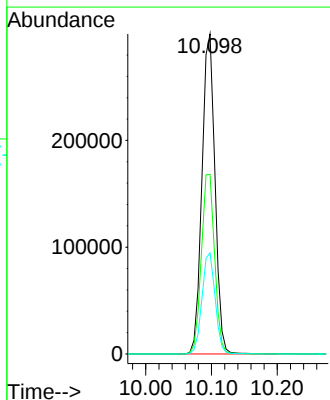
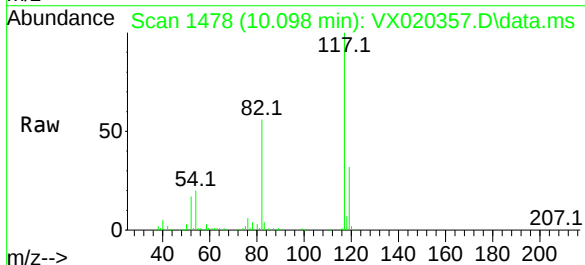
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

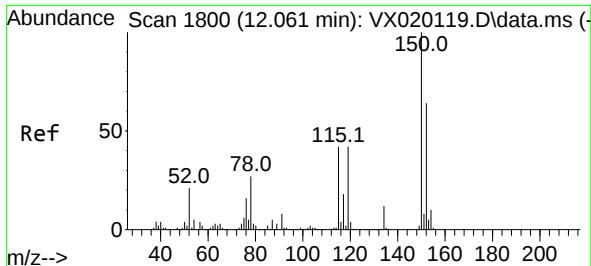
Tgt Ion: 95 Resp: 191081
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 74.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 117 Resp: 413073
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.6 26.6 39.8

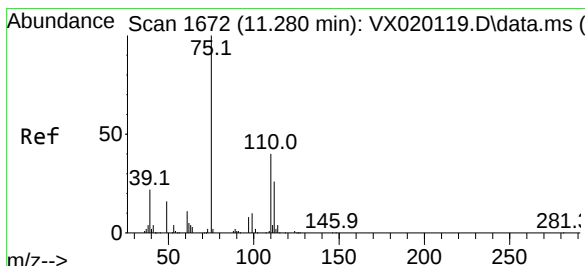
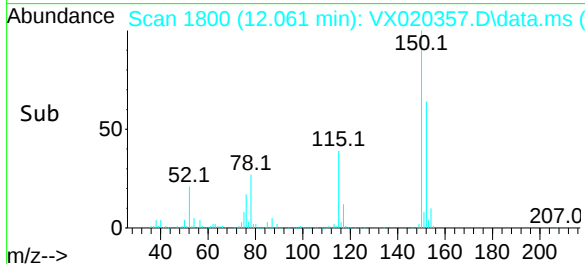
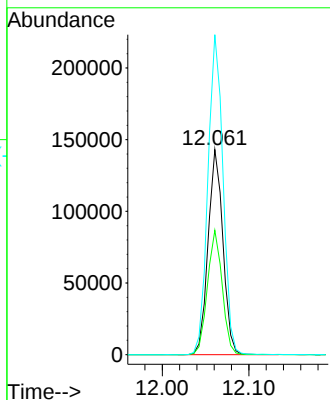
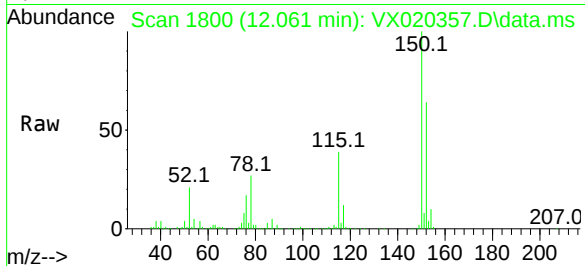




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

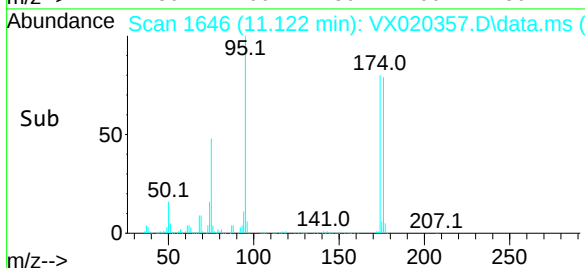
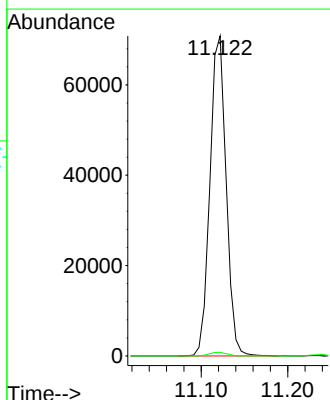
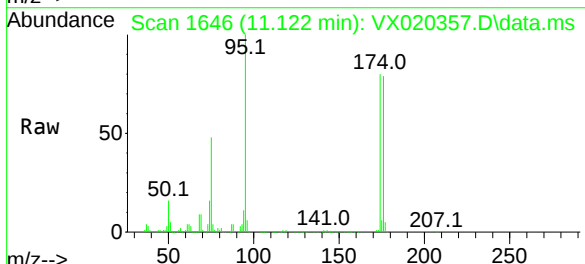
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

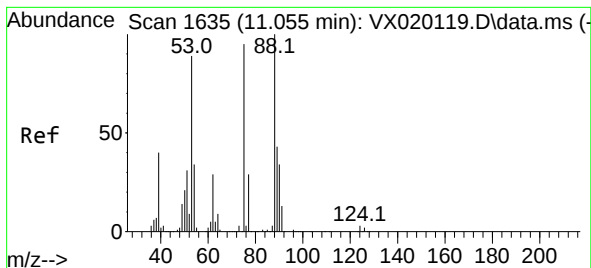
Tgt Ion:152 Resp: 170193
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 158.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Tgt Ion: 75 Resp: 91976
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

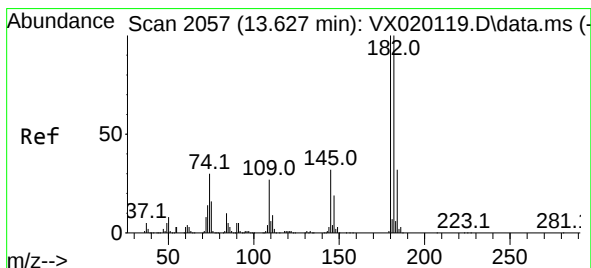
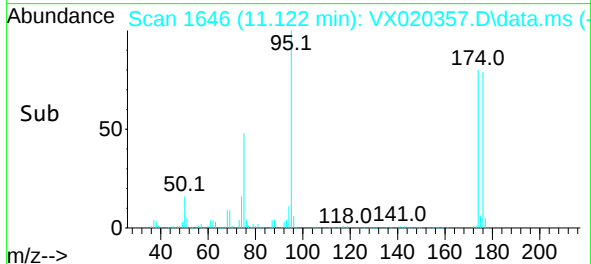
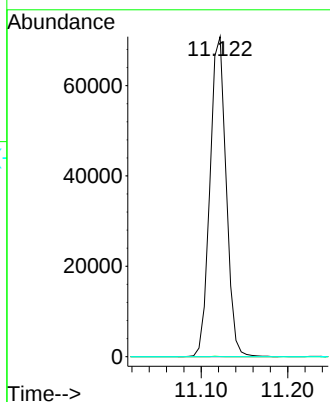
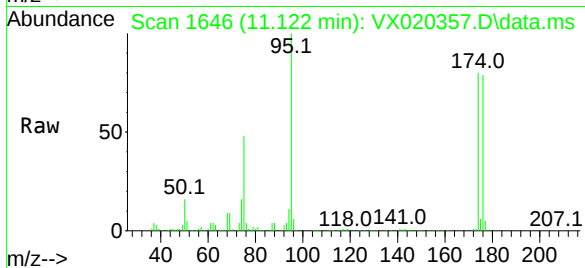




#81
trans-1,4-Dichloro-2-butene
Concen: 65.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

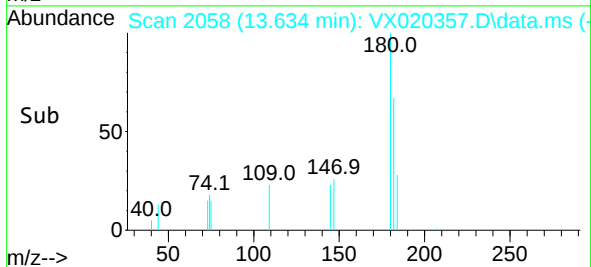
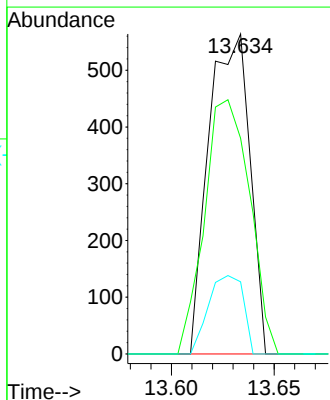
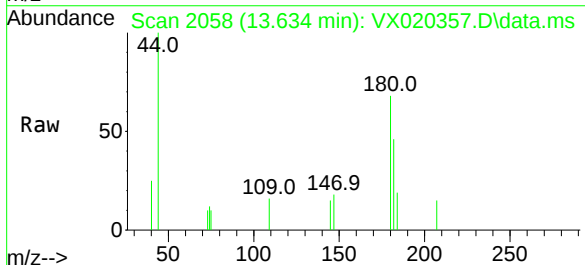
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320

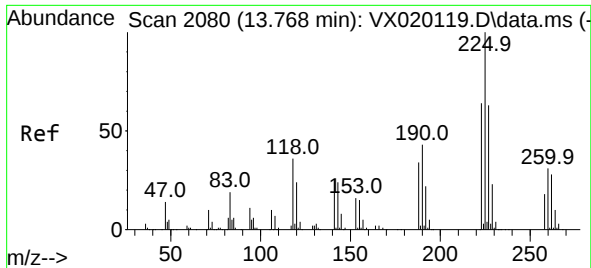
Tgt Ion: 75 Resp: 91976
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.634 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

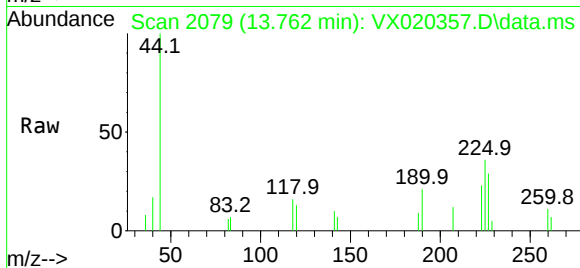
Tgt Ion: 180 Resp: 782
Ion Ratio Lower Upper
180 100
182 87.7 47.7 143.1
145 20.8 15.0 45.0





#94
Hexachlorobutadiene
Concen: 2.90 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020357.D
Acq: 23 Dec 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121320



Tgt Ion:	225	Resp:	421
Ion	Ratio	Lower	Upper
225	100		
223	51.5	31.1	93.2
227	58.7	31.6	95.0

