

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020169.D
 Acq On : 19 Dec 2020 14:28
 Operator : JC/MD
 Sample : L5096-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-TB-121220

Quant Time: Dec 21 02:32:16 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)

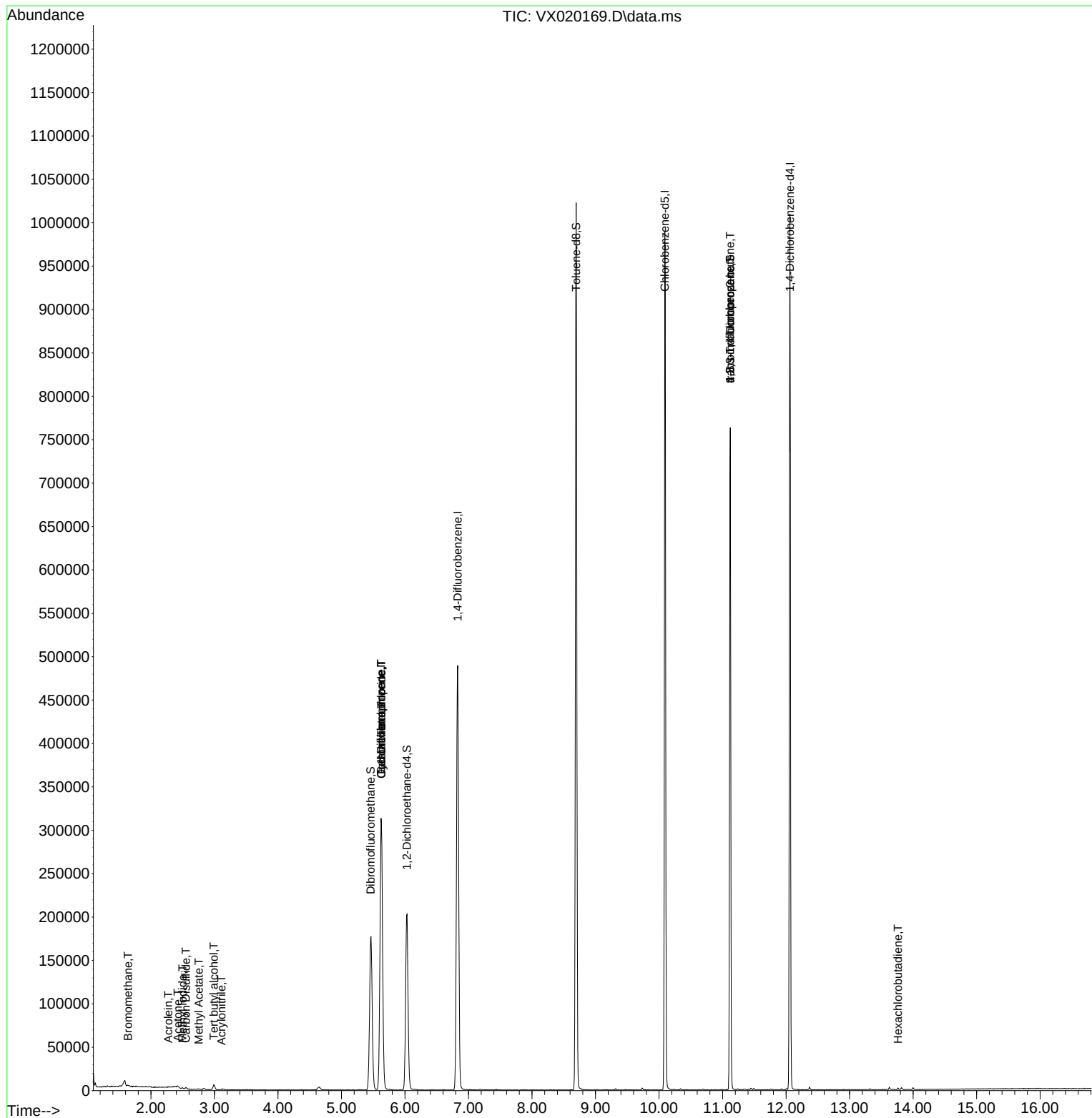
Internal Standards						
1) Pentafluorobenzene	5.623	168	300459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	507476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	459347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	194199	48.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.44%
35) Dibromofluoromethane	5.458	113	156203	48.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.24%
50) Toluene-d8	8.696	98	612373	49.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.02%
62) 4-Bromofluorobenzene	11.122	95	214213	44.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.58%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	717	0.54	ug/l	88
10) Methyl Iodide	2.495	142	1413	3.61	ug/l	95
11) Tert butyl alcohol	2.989	59	3177	3.52	ug/l #	73
13) Acrolein	2.270	56	318	0.56	ug/l #	37
15) Acrylonitrile	3.111	53	424	0.20	ug/l	94
16) Acetone	2.422	43	1404	0.76	ug/l	98
17) Carbon Disulfide	2.550	76	2087	0.23	ug/l #	87
18) Methyl Acetate	2.752	43	882	0.22	ug/l #	77
31) Cyclohexane	5.629	56	6140	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23556	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29759	6.24	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	104024	21.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104024	62.50	ug/l #	12
94) Hexachlorobutadiene	13.762	225	340	2.82	ug/l	96

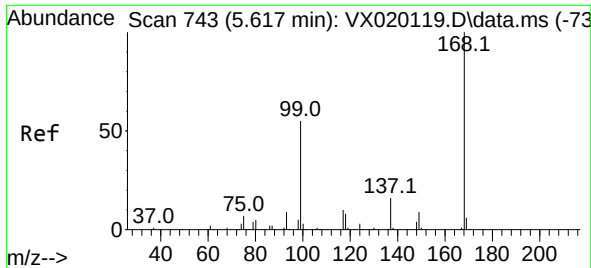
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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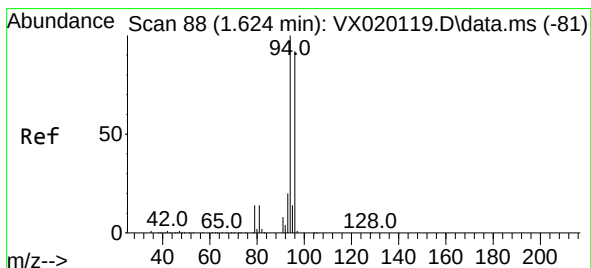
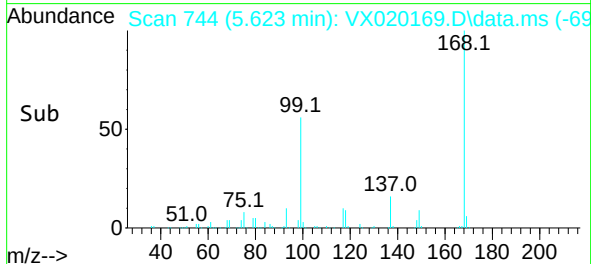
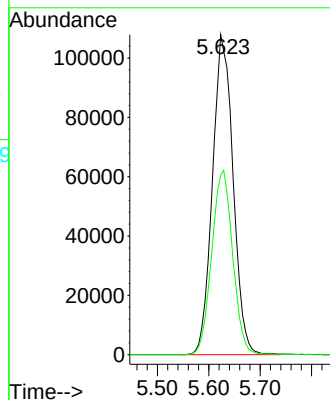
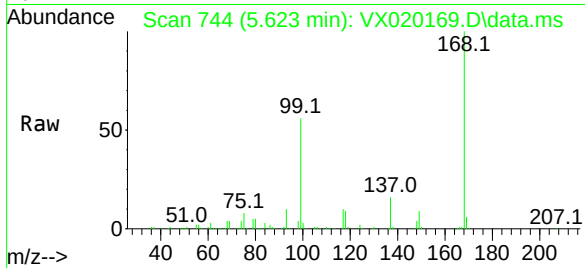




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

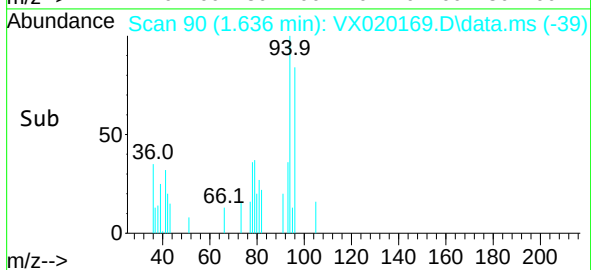
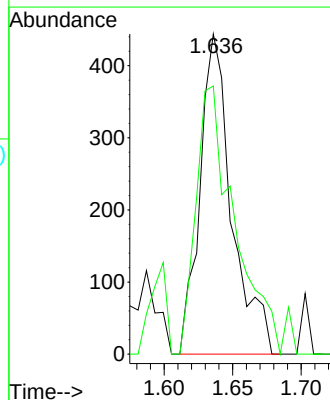
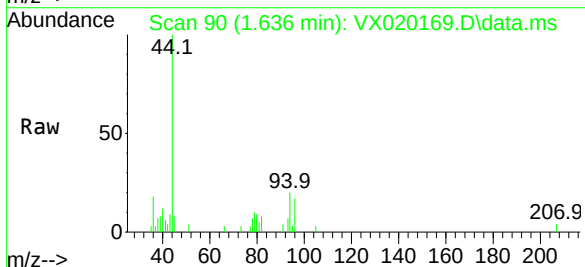
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

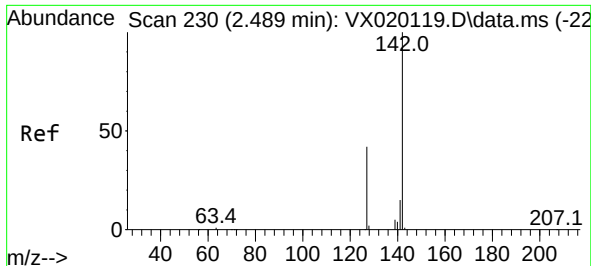
Tgt Ion:168 Resp: 300459
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

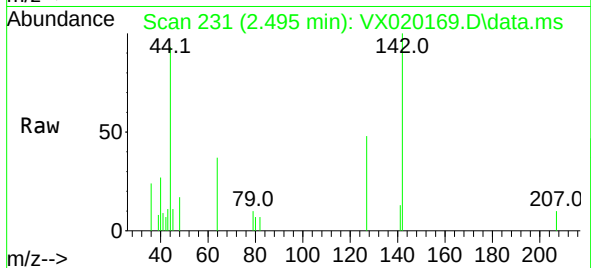
Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 83.8 76.4 114.6



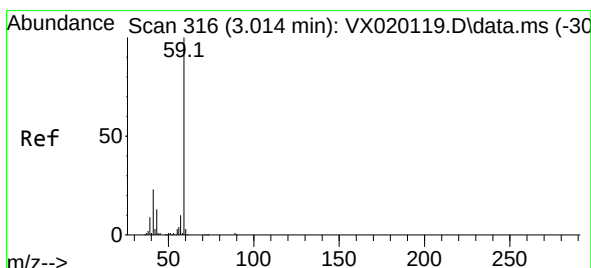
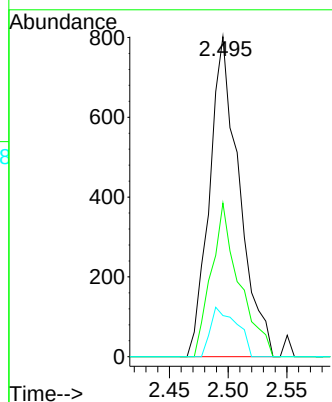
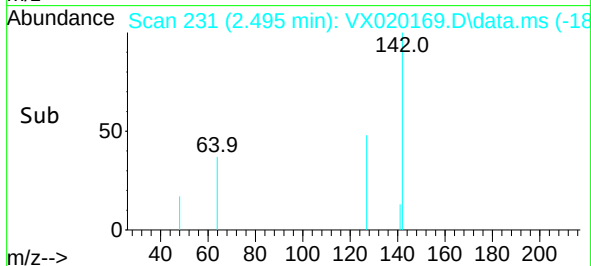


#10
Methyl Iodide
Concen: 3.61 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

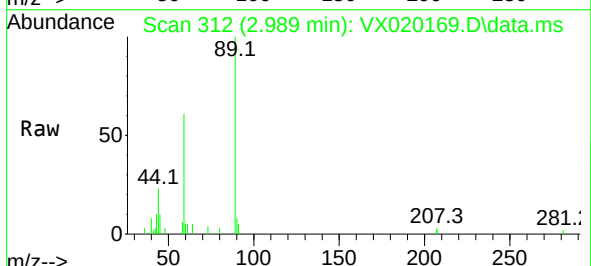
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220



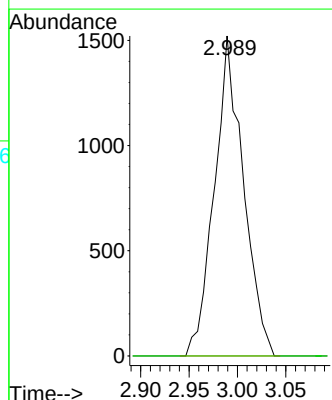
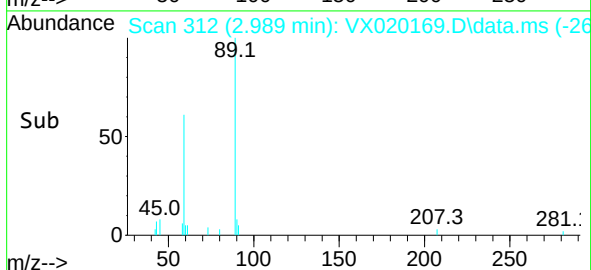
Tgt Ion:142 Resp: 1413
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 13.7 11.4 17.0

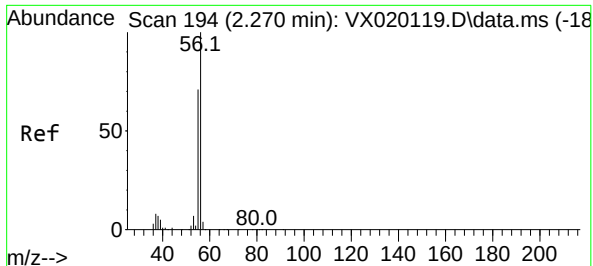


#11
Tert butyl alcohol
Concen: 3.52 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28



Tgt Ion: 59 Resp: 3177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

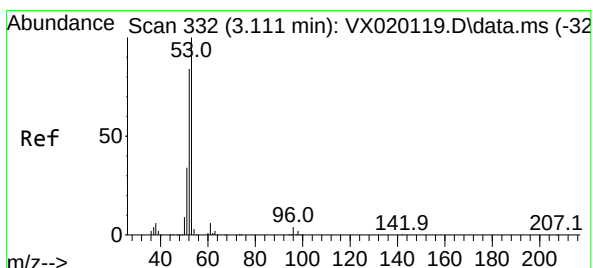
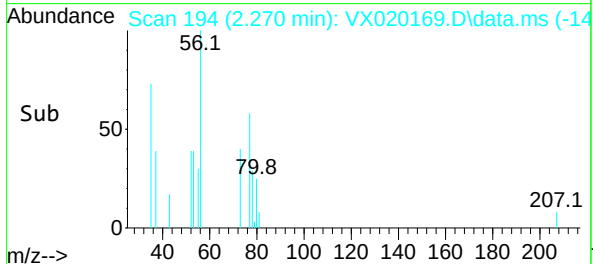
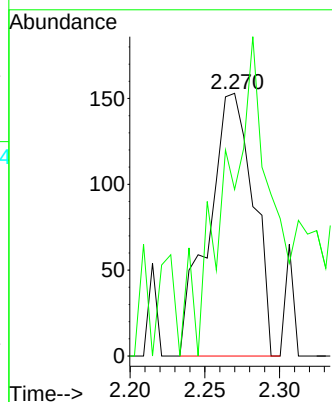
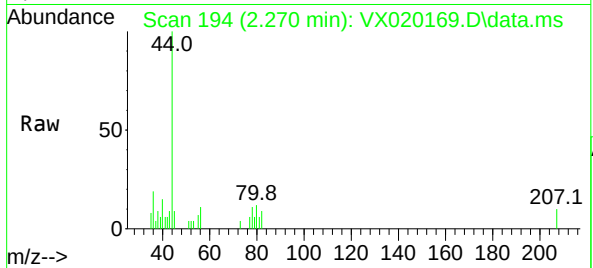




#13
Acrolein
Concen: 0.56 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

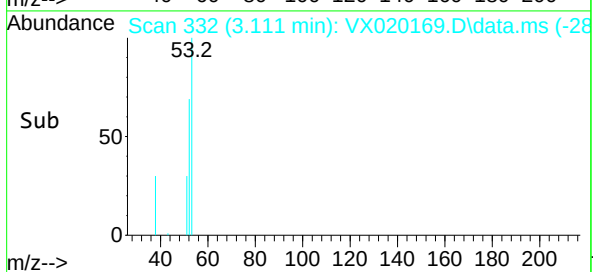
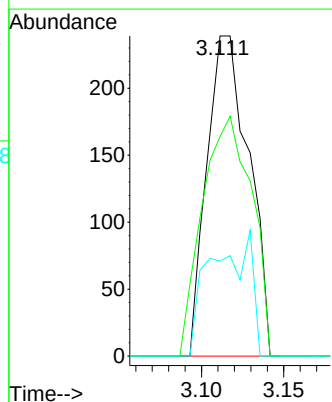
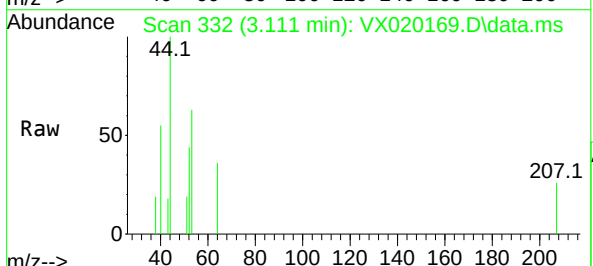
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

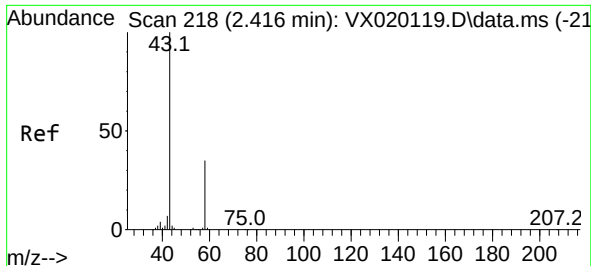
Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 122.6 56.4 84.6#



#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 53 Resp: 424
Ion Ratio Lower Upper
53 100
52 87.7 65.3 97.9
51 37.5 28.2 42.2

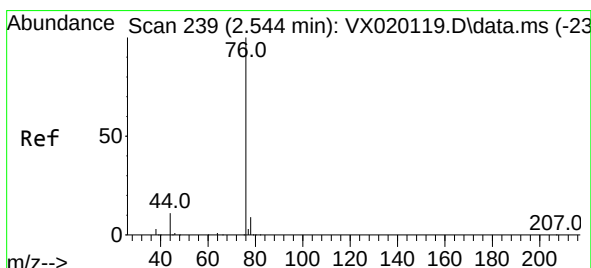
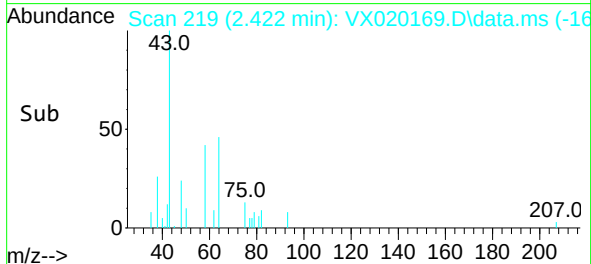
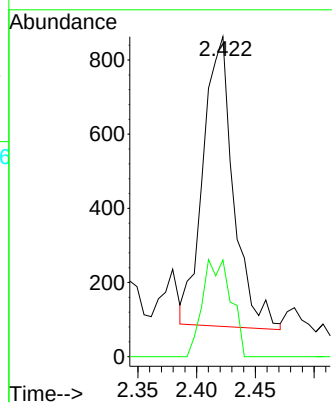
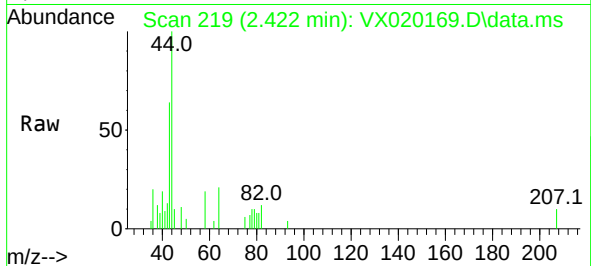




#16
Acetone
Concen: 0.76 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

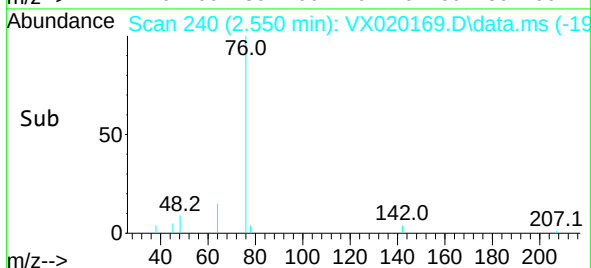
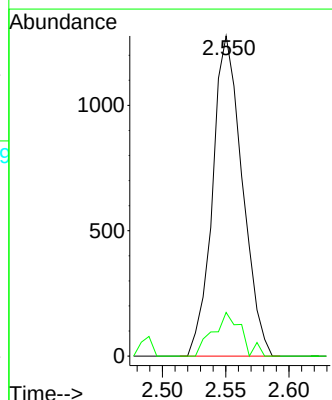
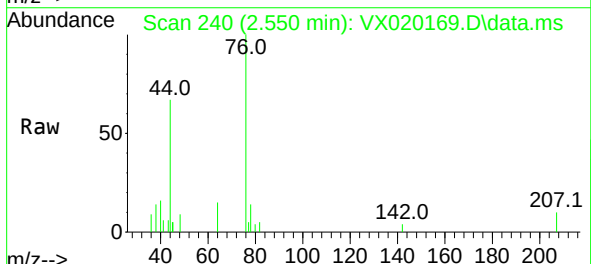
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

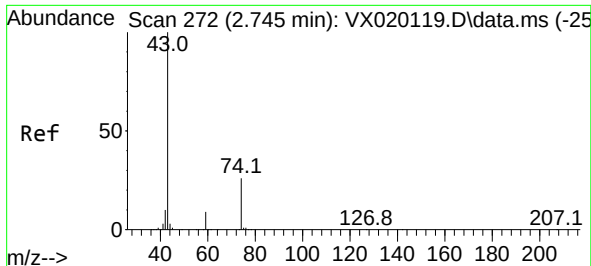
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 76 Resp: 2087
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#

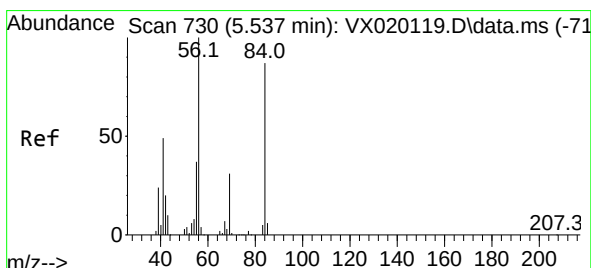
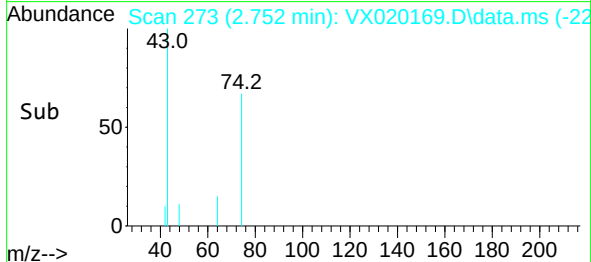
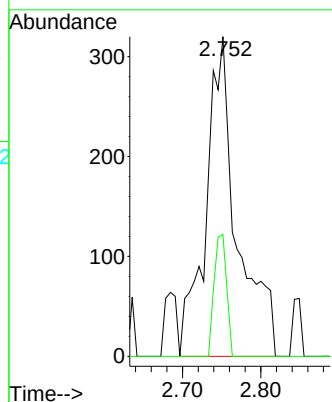
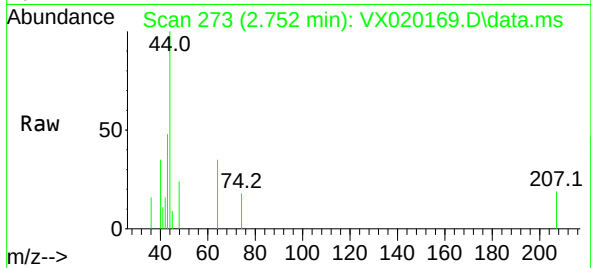




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

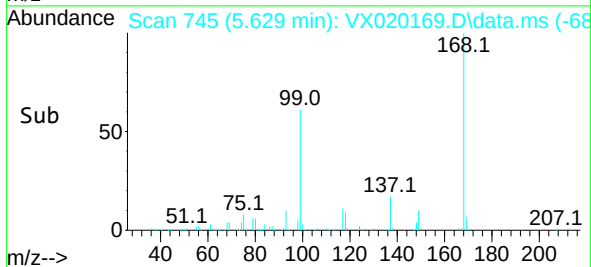
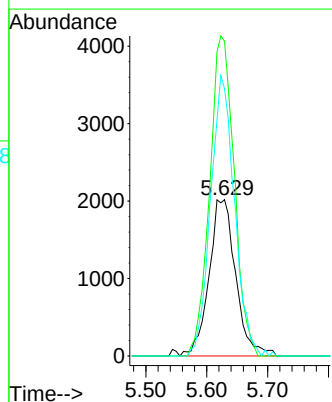
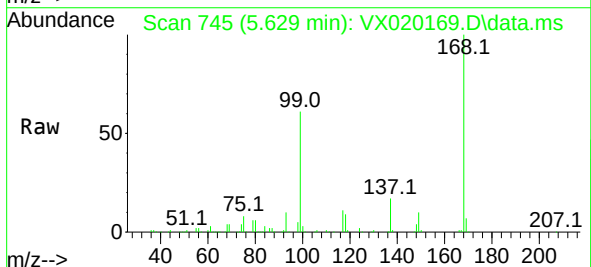
Instrument :
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ClientSampleId :
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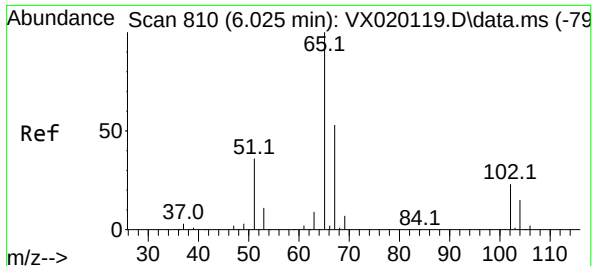
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
74 15.2 21.9 32.9#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 56 Resp: 6140
Ion Ratio Lower Upper
56 100
69 201.3 25.3 37.9#
84 170.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.22 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020169.D

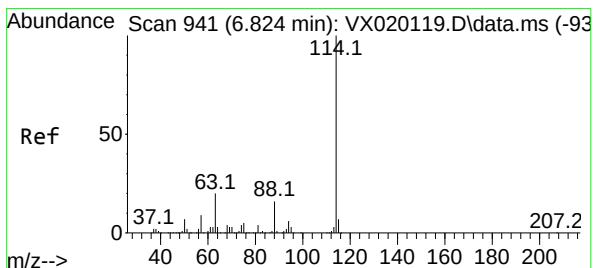
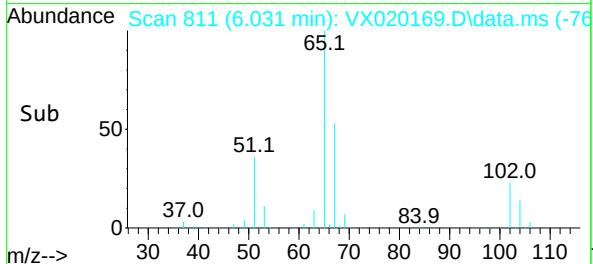
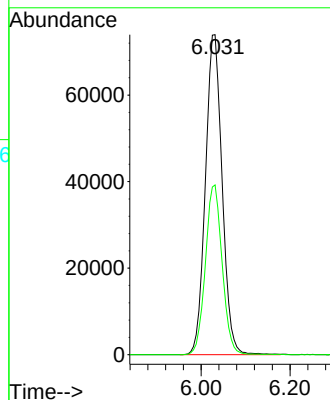
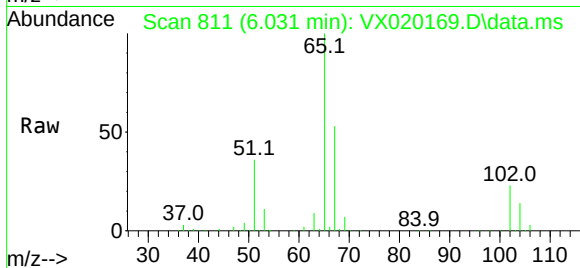
Acq: 19 Dec 2020 14:28

Tgt Ion: 65 Resp: 194199

Ion Ratio Lower Upper

65 100

67 53.0 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: VX020169.D

Acq: 19 Dec 2020 14:28

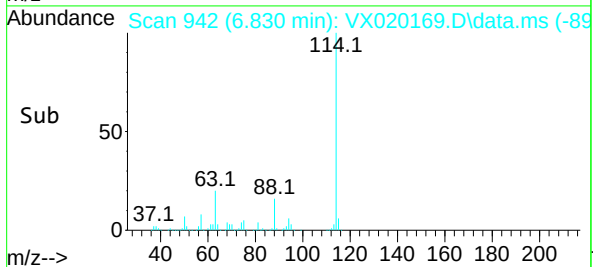
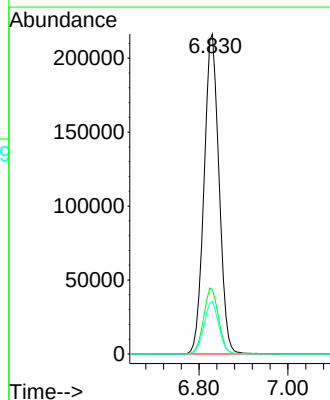
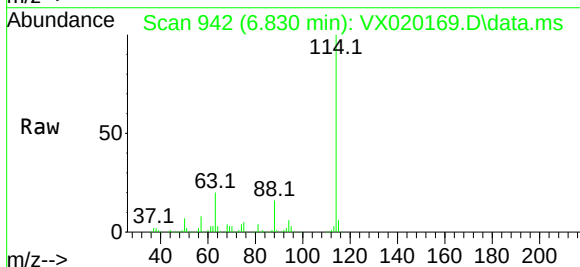
Tgt Ion: 114 Resp: 507476

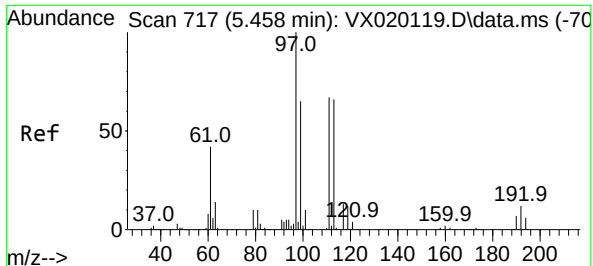
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

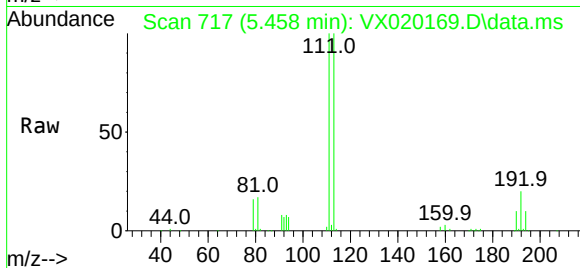
88 16.4 0.0 32.8



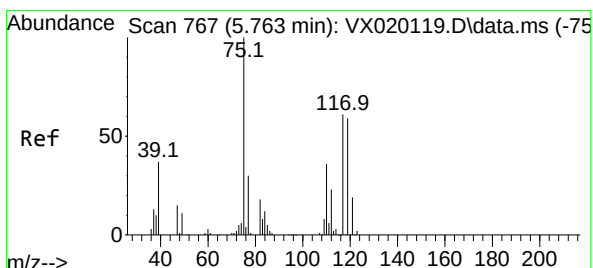
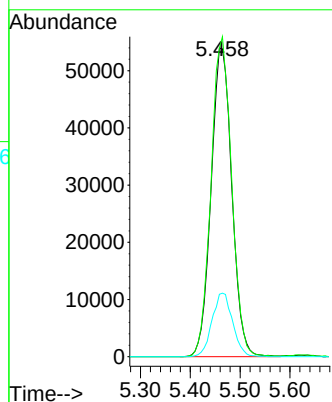
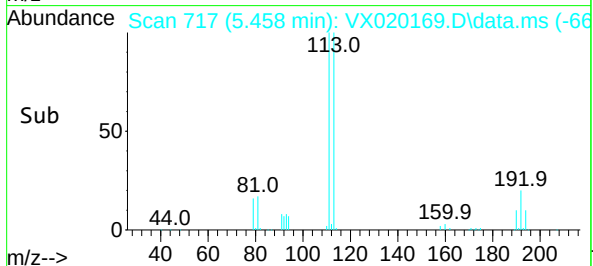


#35
Dibromofluoromethane
Concen: 48.12 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

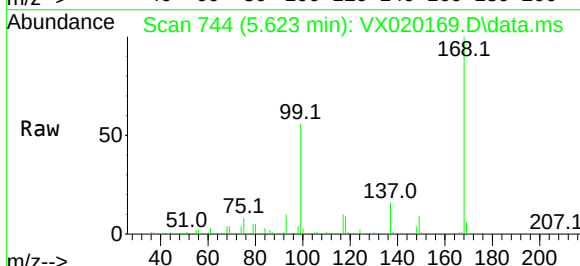
Instrument :
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49-TB-121220



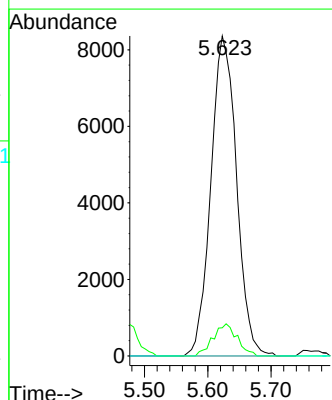
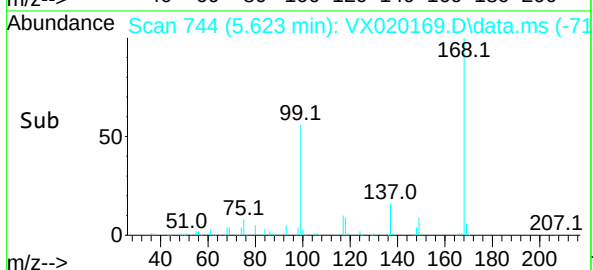
Tgt Ion:113 Resp: 156203
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.4 16.7 25.1

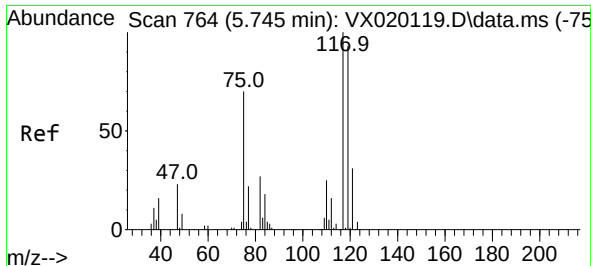


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28



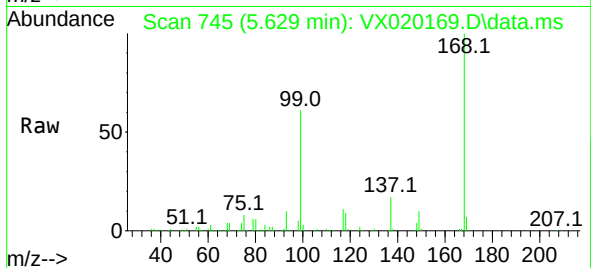
Tgt Ion: 75 Resp: 23556
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



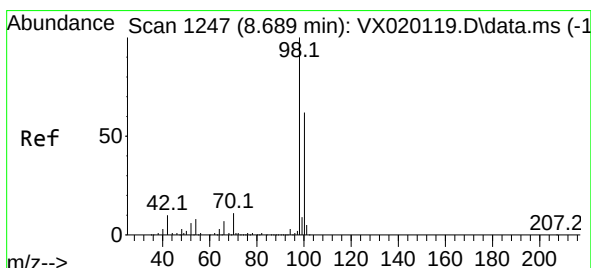
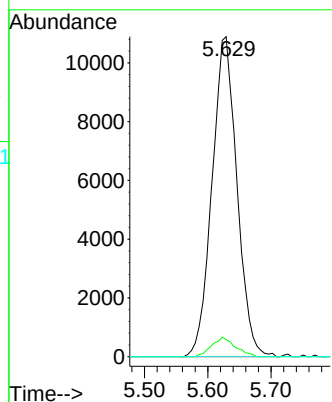
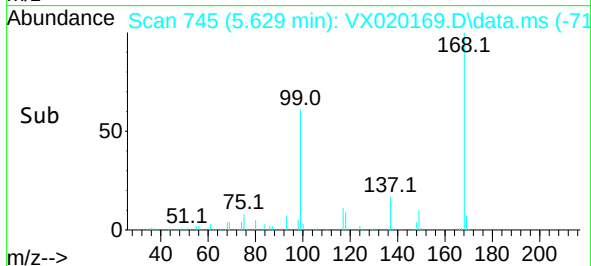


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

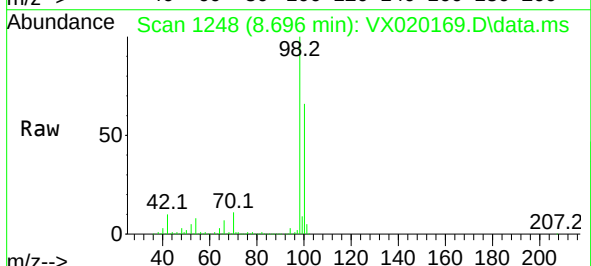
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220



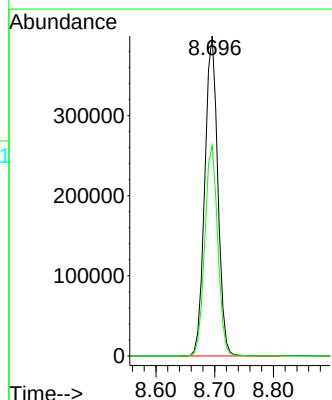
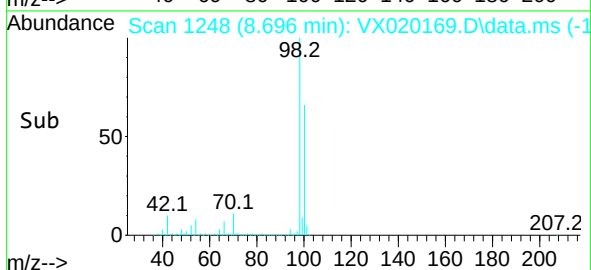
Tgt Ion:117 Resp: 29759
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

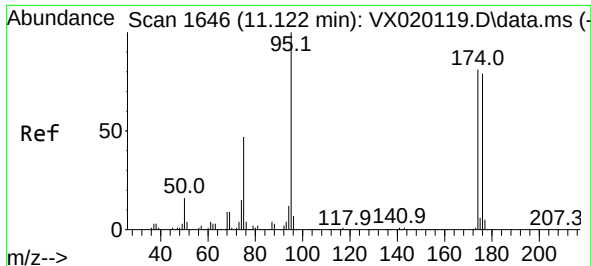


#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28



Tgt Ion: 98 Resp: 612373
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

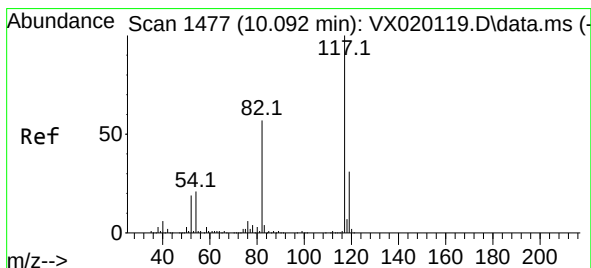
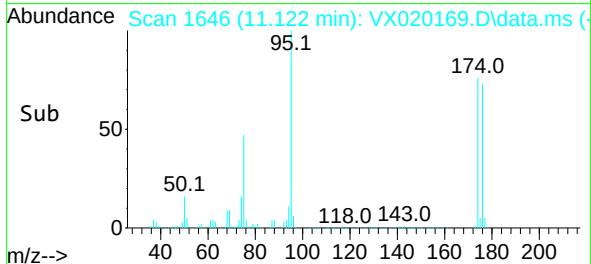
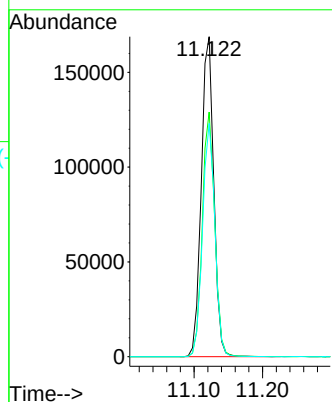
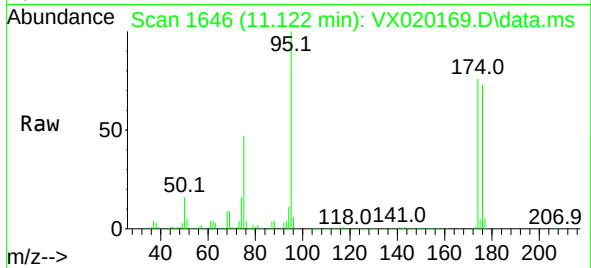




#62
4-Bromofluorobenzene
Concen: 44.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

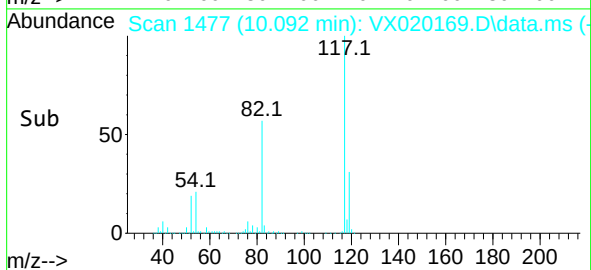
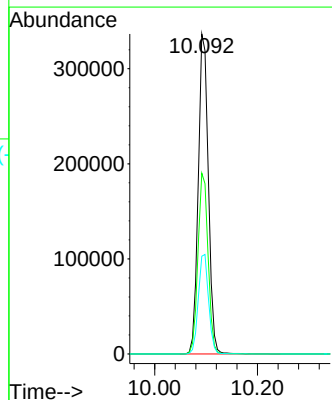
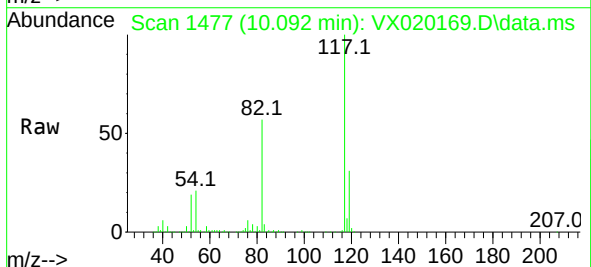
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

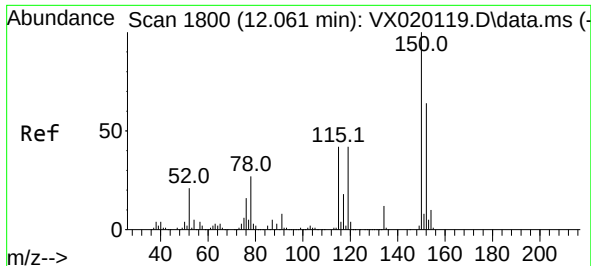
Tgt Ion: 95 Resp: 214213
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 117 Resp: 459347
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 30.6 26.6 39.8

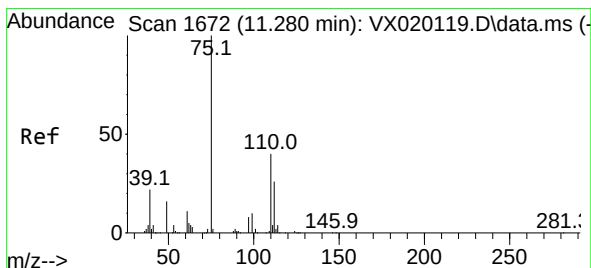
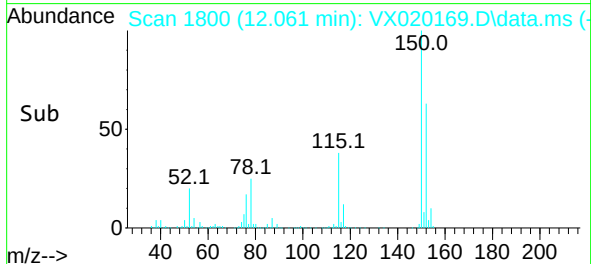
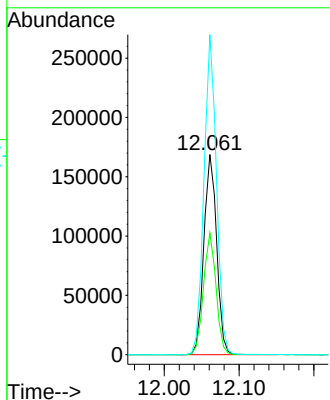
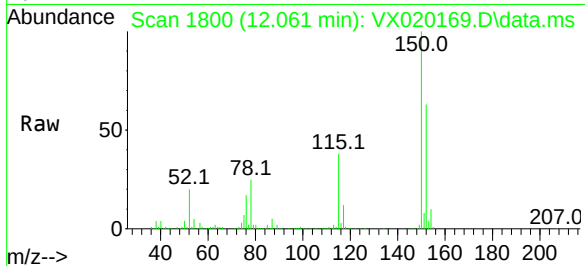




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

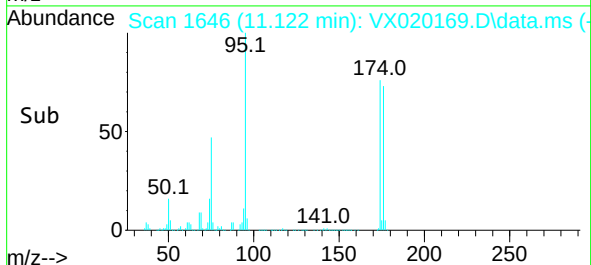
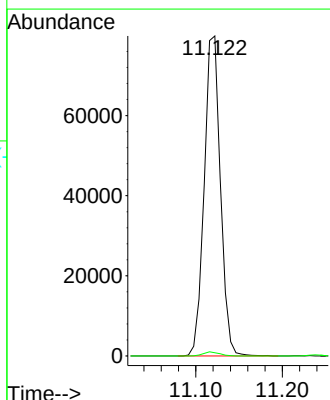
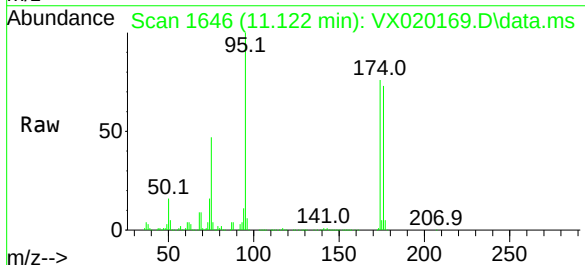
Instrument :
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ClientSampleId :
49-TB-121220

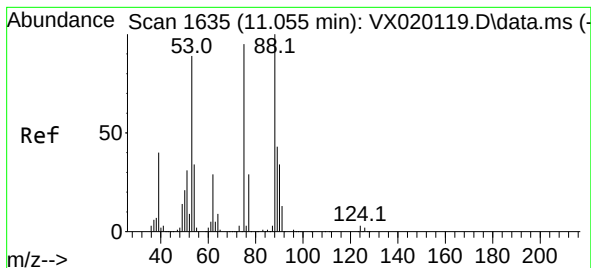
Tgt Ion:152 Resp: 200460
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 75 Resp: 104024
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

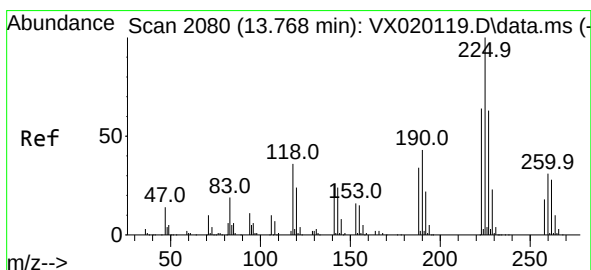
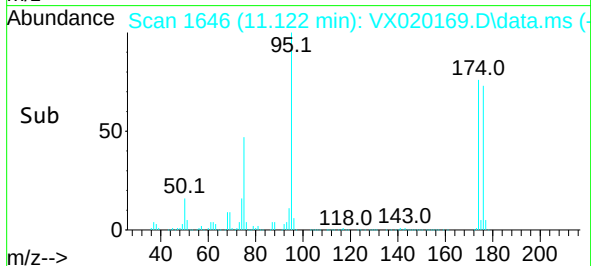
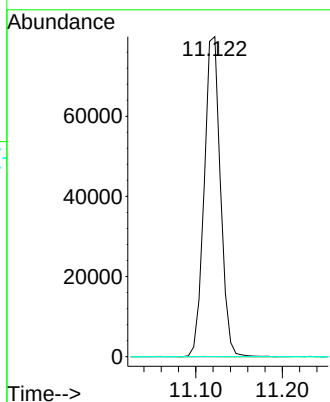
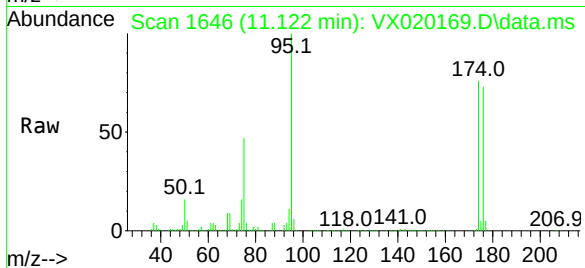




#81
trans-1,4-Dichloro-2-butene
Concen: 62.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

Tgt Ion: 75 Resp: 104024
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.82 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 225 Resp: 340
Ion Ratio Lower Upper
225 100
223 67.4 31.1 93.2
227 62.6 31.6 95.0

