

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021859.D
 Acq On : 23 Apr 2021 21:41
 Operator : JC/MD
 Sample : M2176-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

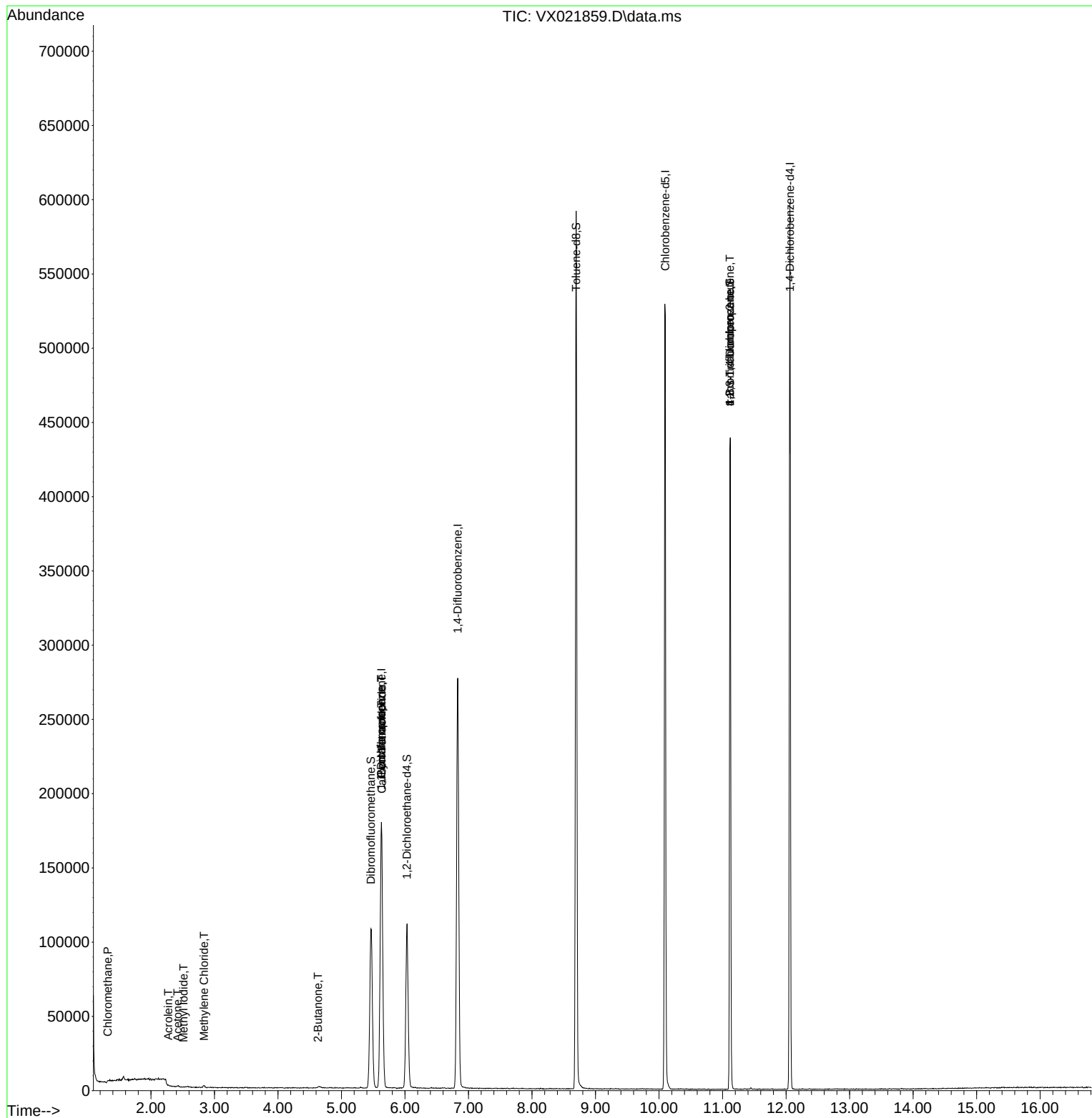
Internal Standards						
1) Pentafluorobenzene	5.629	168	182309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	305131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	273431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	100398	48.54	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.08%		
35) Dibromofluoromethane	5.464	113	96137	49.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.54%		
50) Toluene-d8	8.696	98	359849	47.96	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.92%		
62) 4-Bromofluorobenzene	11.116	95	125564	44.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.62%		
Target Compounds						Qvalue
3) Chloromethane	1.319	50	671	0.59	ug/l	96
10) Methyl Iodide	2.514	142	20	8.16	ug/l #	42
13) Acrolein	2.270	56	207	0.57	ug/l #	14
16) Acetone	2.416	43	693	0.97	ug/l #	69
20) Methylene Chloride	2.837	84	694	0.33	ug/l #	84
25) 2-Butanone	4.629	43	273	0.23	ug/l #	45
31) Cyclohexane	5.629	56	3004	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11775	4.37	ug/l #	49
38) Carbon Tetrachloride	5.635	117	16488	5.59	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	56488	21.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	56488	50.38	ug/l #	12

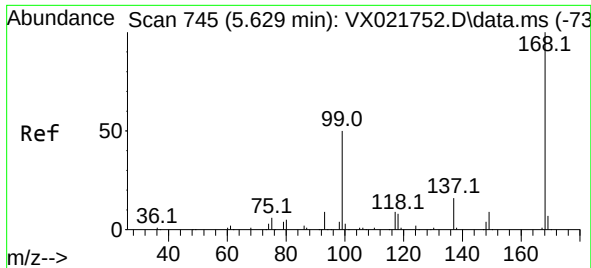
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

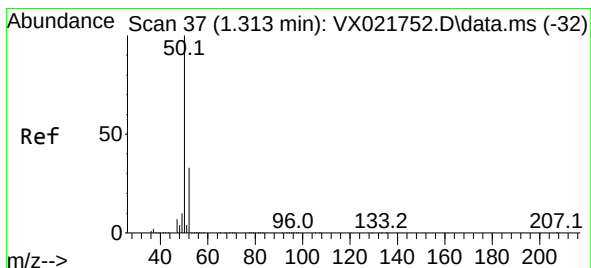
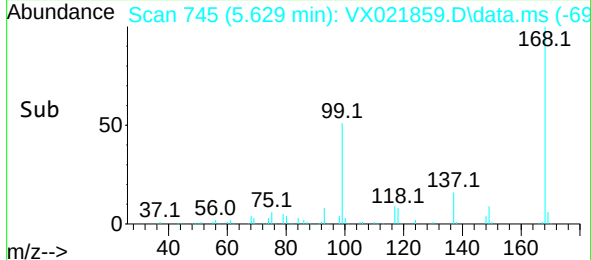
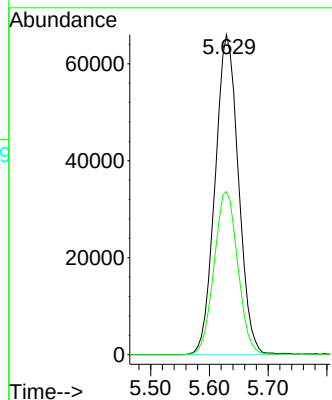
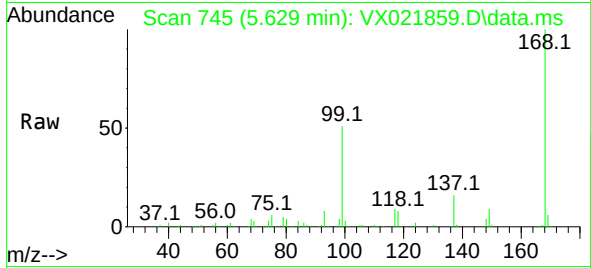




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

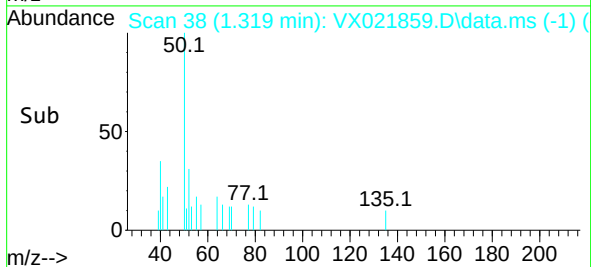
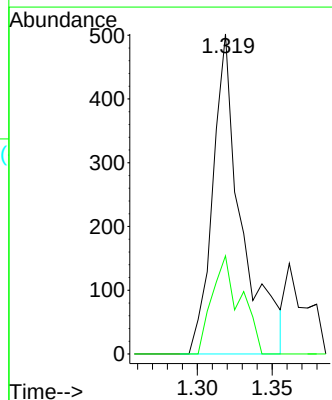
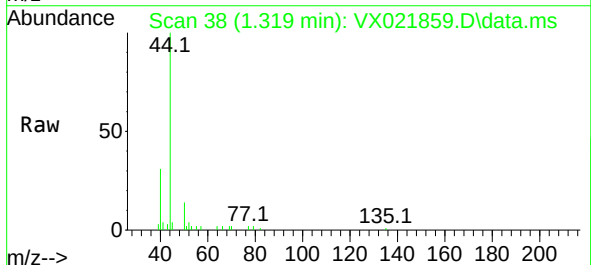
Instrument :
MSVOA_X
ClientSampleId :

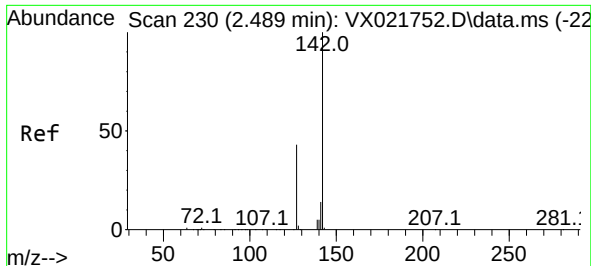
Tgt Ion:168 Resp: 182309
Ion Ratio Lower Upper
168 100
99 51.0 45.8 68.6



#3
Chloromethane
Concen: 0.59 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

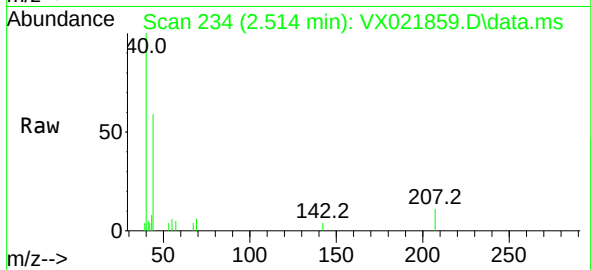
Tgt Ion: 50 Resp: 671
Ion Ratio Lower Upper
50 100
52 30.7 26.4 39.6



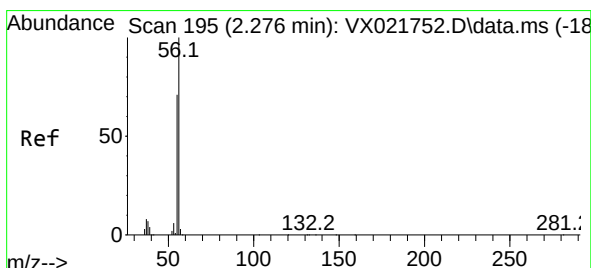
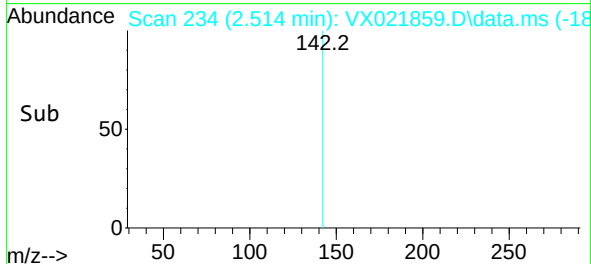
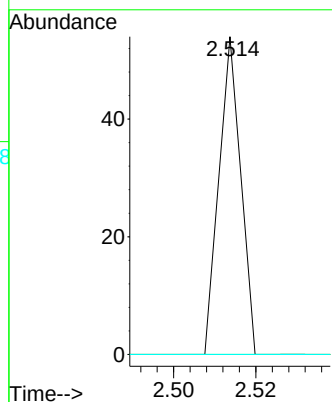


#10
Methyl Iodide
Concen: 8.16 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.025 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Instrument :
MSVOA_X
ClientSampled :

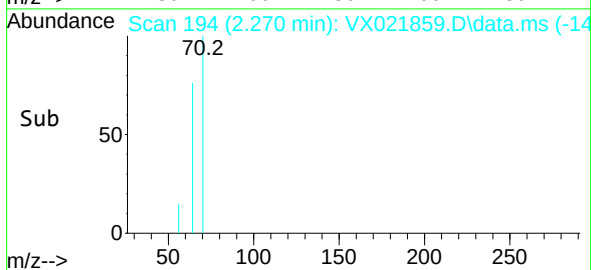
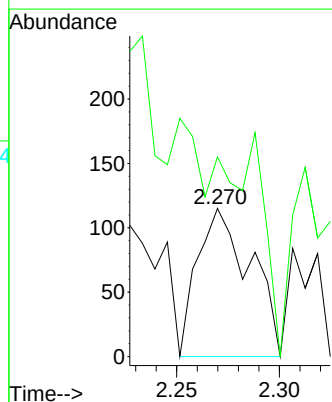
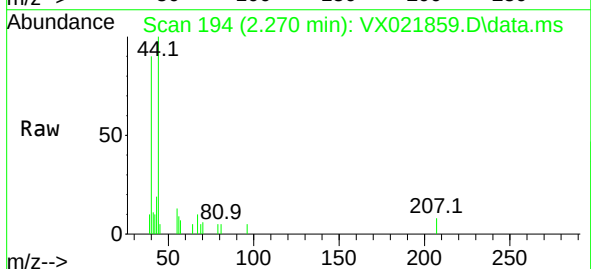


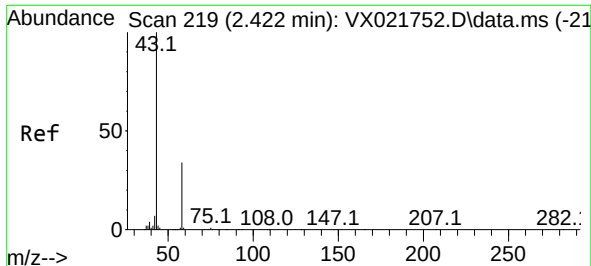
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.57 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Tgt Ion: 56 Resp: 207
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

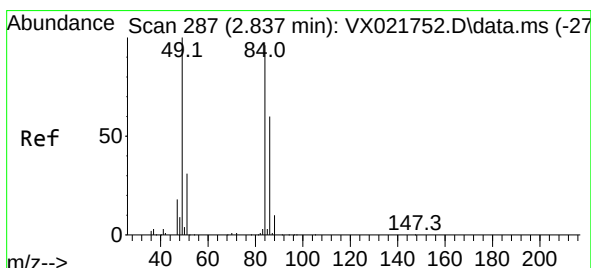
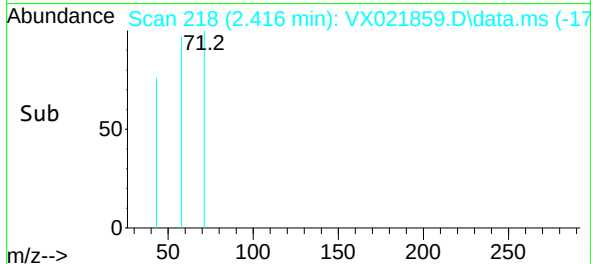
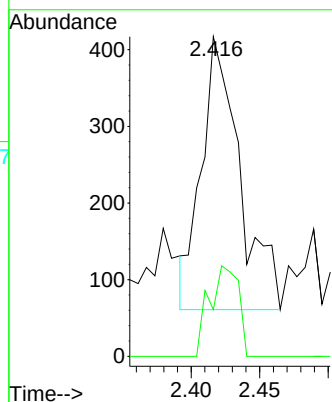
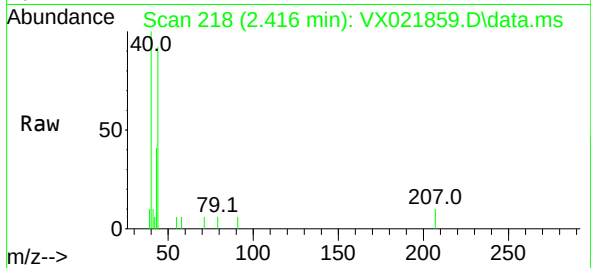




#16
Acetone
Concen: 0.97 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

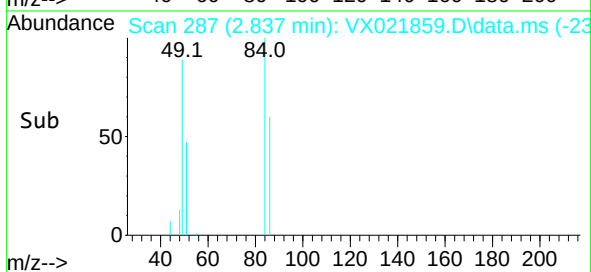
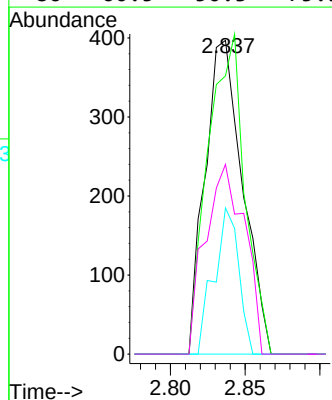
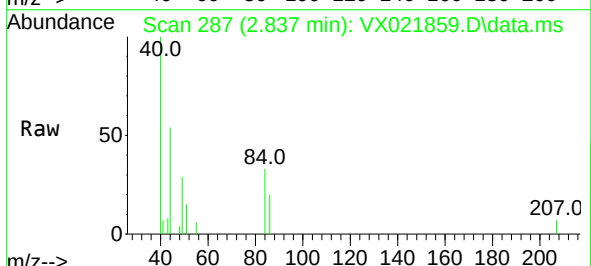
Instrument :
MSVOA_X
ClientSampleId :

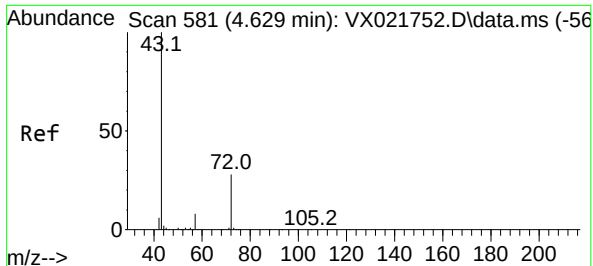
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 17.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Tgt Ion: 84 Resp: 694
Ion Ratio Lower Upper
84 100
49 88.7 88.6 132.8
51 46.6 27.0 40.6#
86 60.5 50.3 75.5

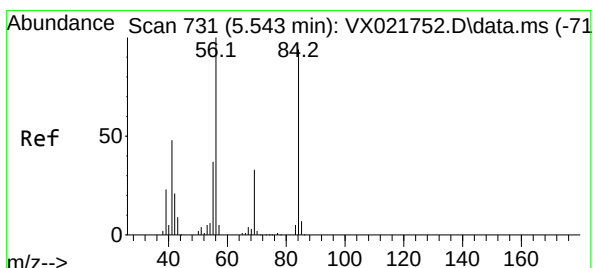
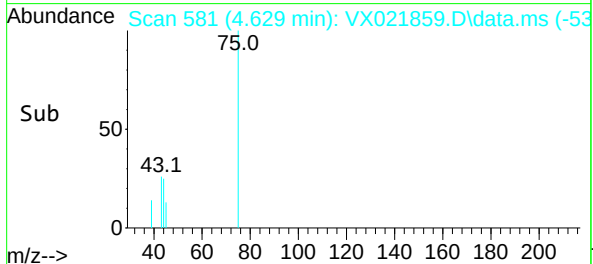
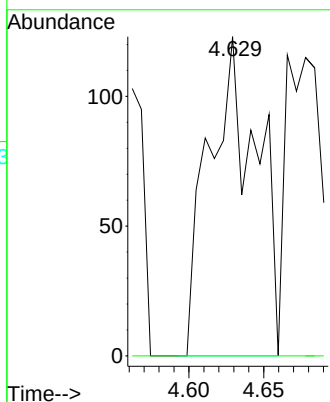
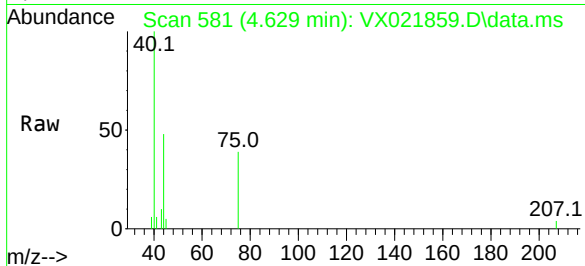




#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.000 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

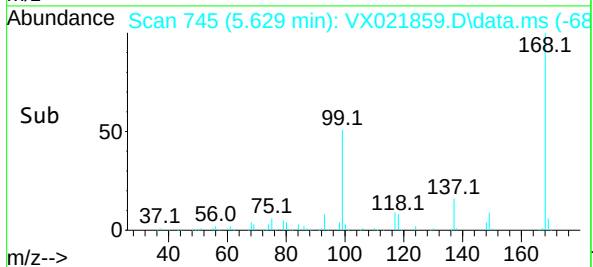
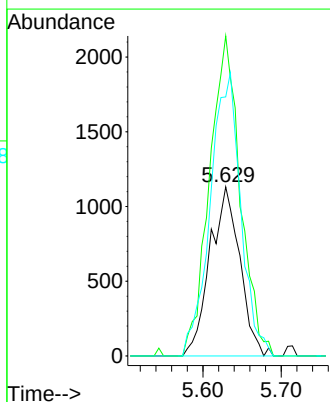
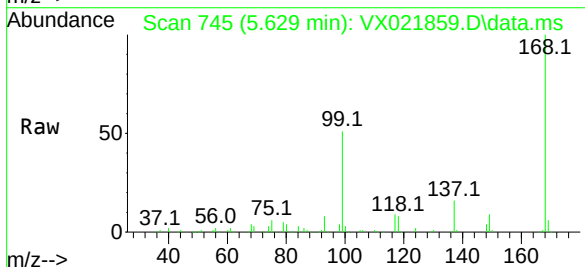
Instrument :
MSVOA_X
ClientSampled :

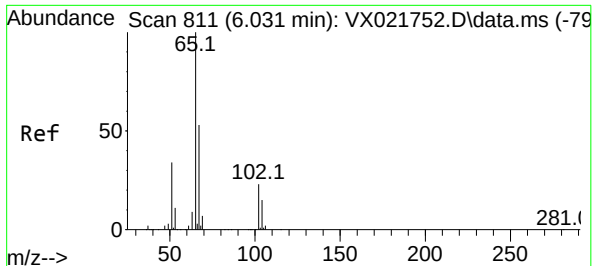
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Tgt Ion: 56 Resp: 3004
Ion Ratio Lower Upper
56 100
69 189.1 25.3 37.9#
84 153.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.54 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021859.D

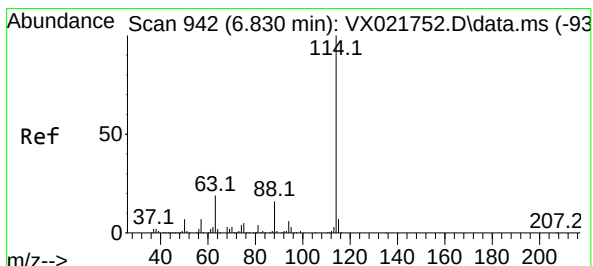
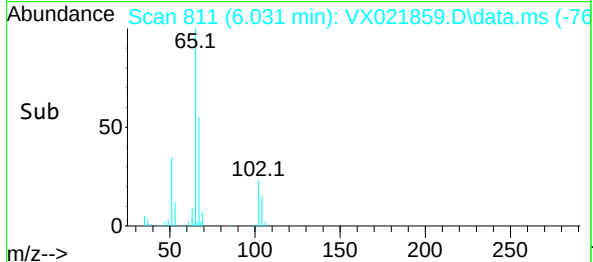
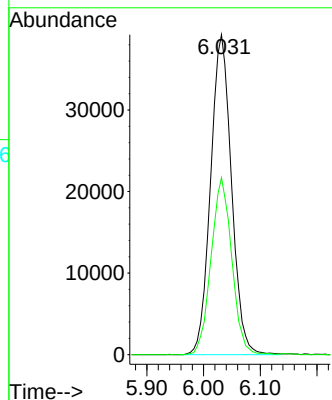
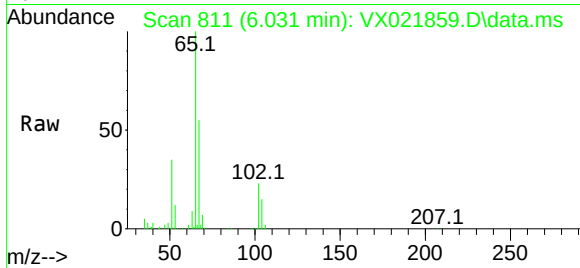
Acq: 23 Apr 2021 21:41

Tgt Ion: 65 Resp: 100398

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021859.D

Acq: 23 Apr 2021 21:41

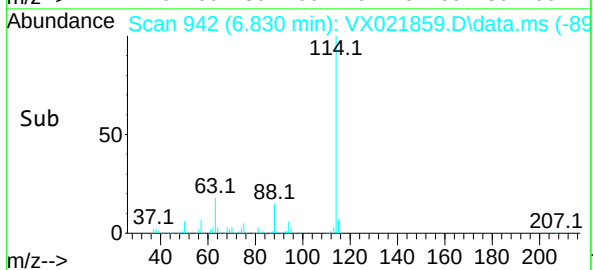
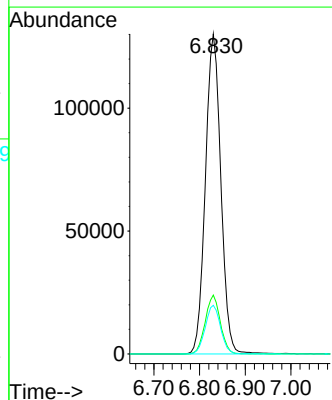
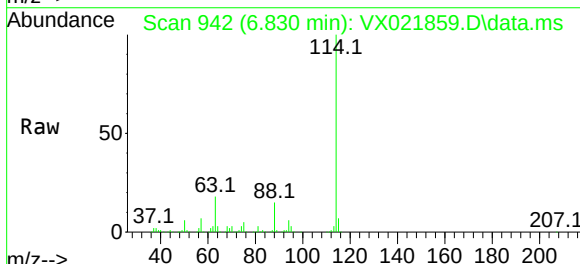
Tgt Ion: 114 Resp: 305131

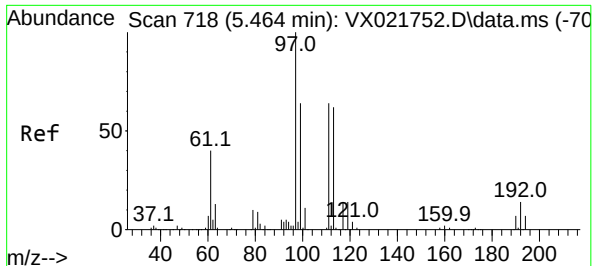
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 15.2 0.0 32.8

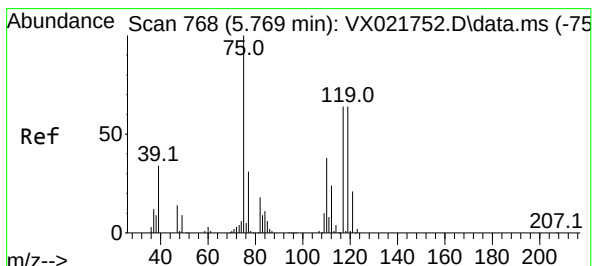
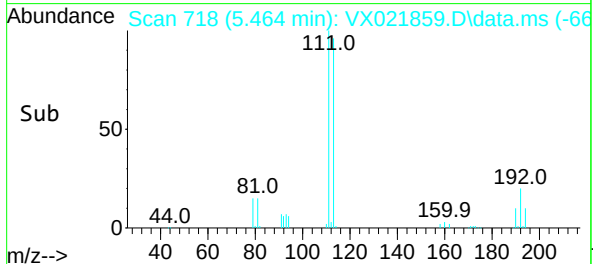
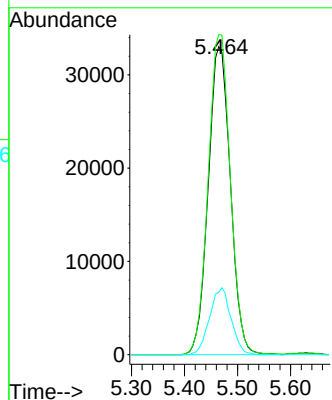
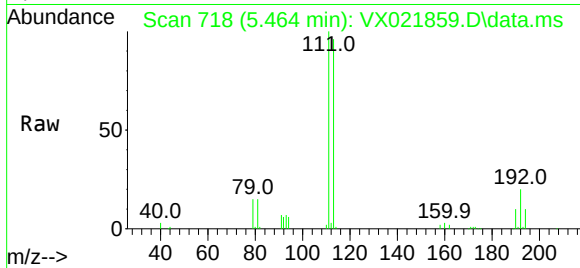




#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

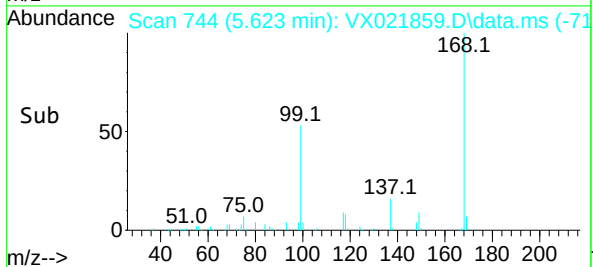
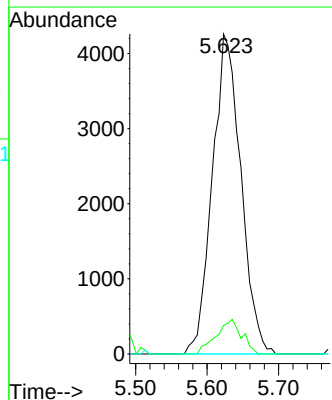
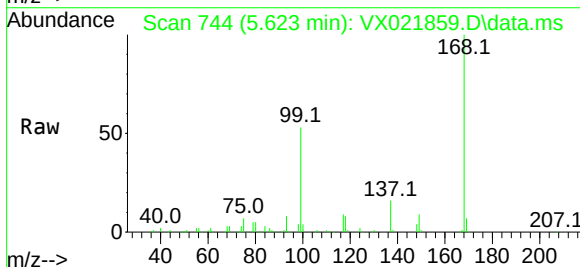
Instrument :
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ClientSampleId :

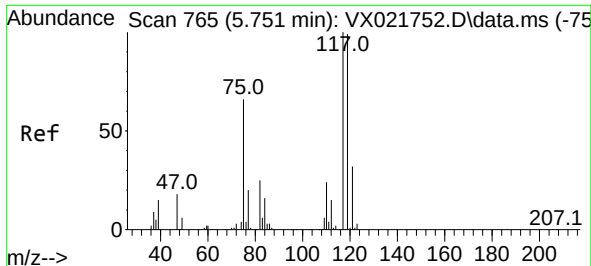
Tgt Ion:113 Resp: 96137
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

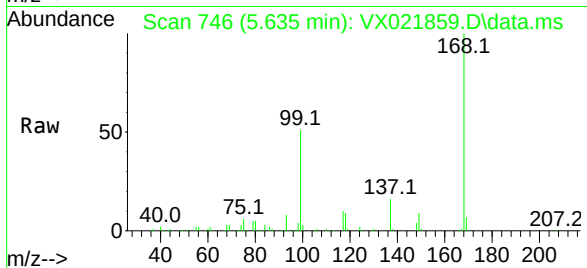
Tgt Ion: 75 Resp: 11775
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



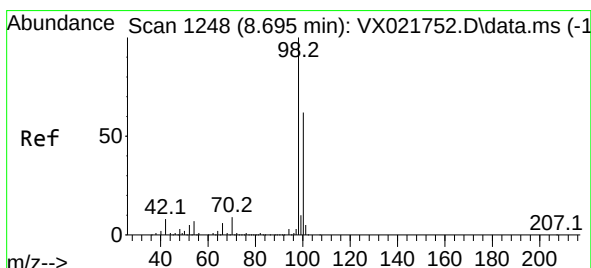
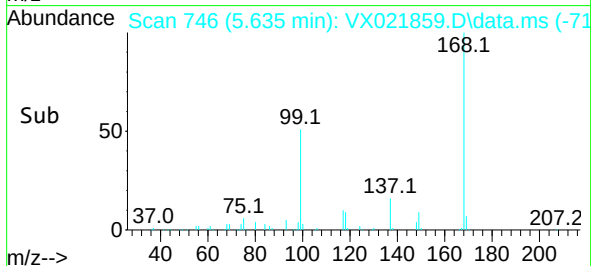
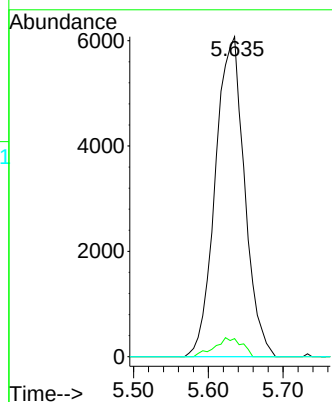


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.116 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Instrument :
MSVOA_X
ClientSampleId :

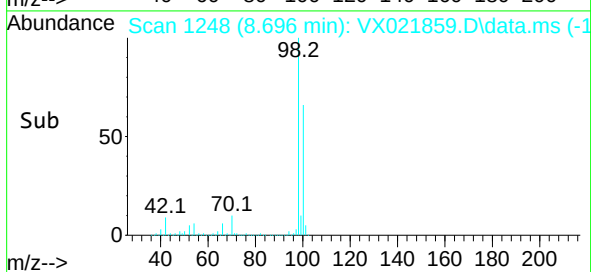
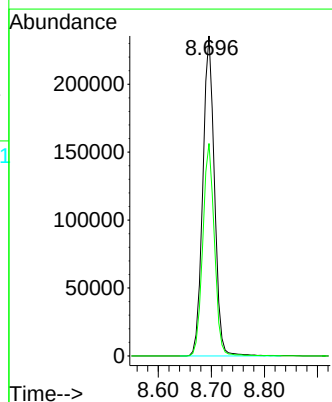
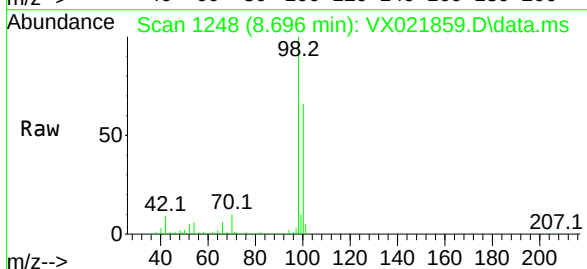


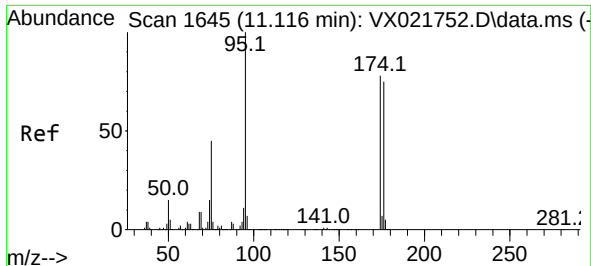
Tgt Ion: 117 Resp: 16488
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Tgt Ion: 98 Resp: 359849
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

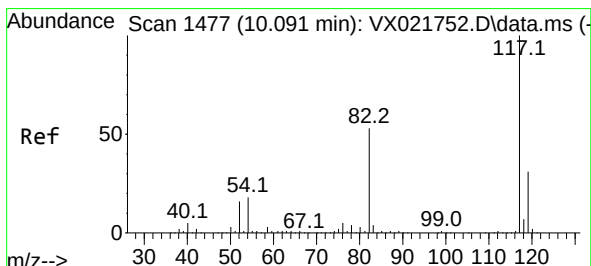
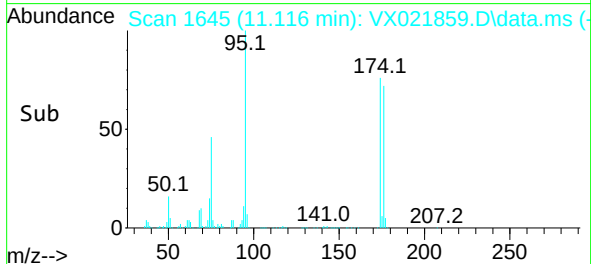
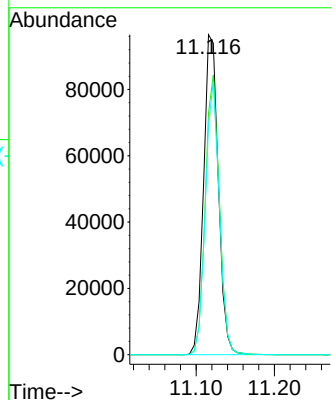
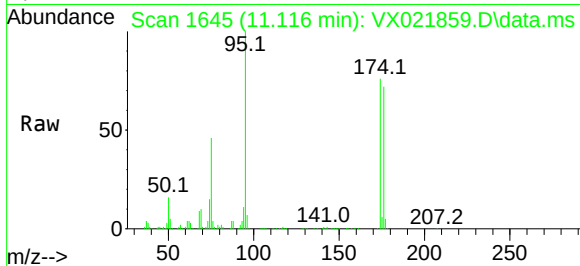




#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

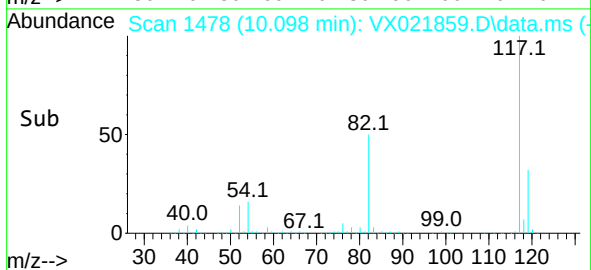
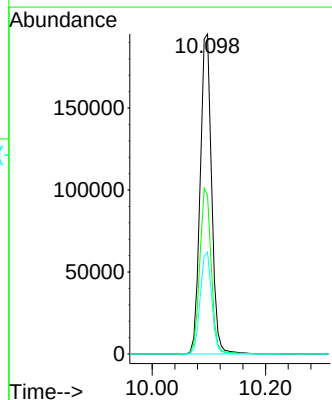
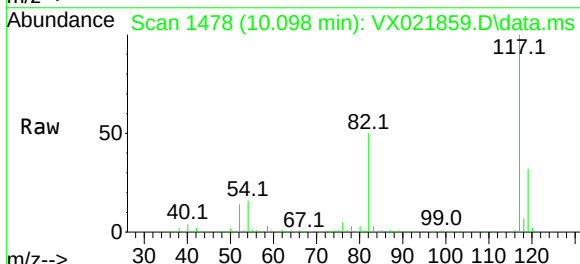
Instrument :
MSVOA_X
ClientSampleId :

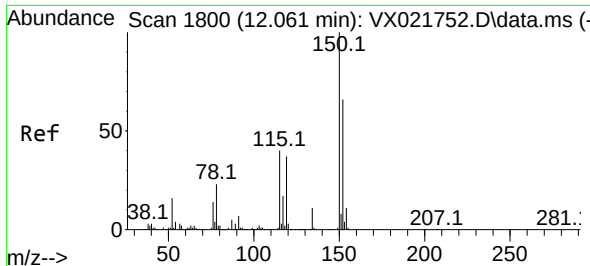
Tgt Ion: 95 Resp: 125564
Ion Ratio Lower Upper
95 100
174 84.1 0.0 154.6
176 81.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021859.D
Acq: 23 Apr 2021 21:41

Tgt Ion: 117 Resp: 273431
Ion Ratio Lower Upper
117 100
82 49.6 47.4 71.2
119 31.8 26.6 39.8

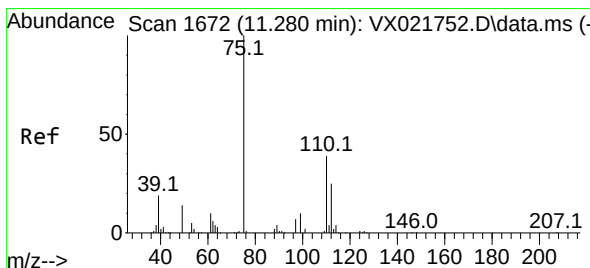
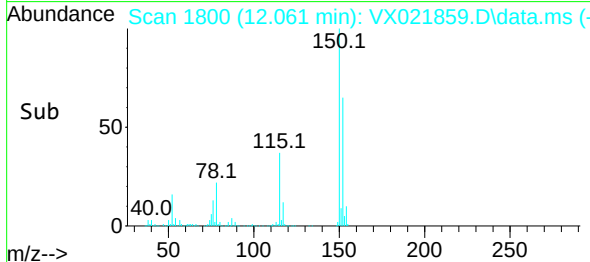
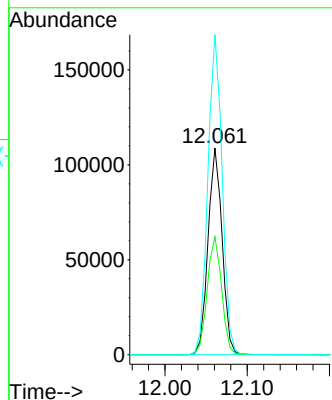
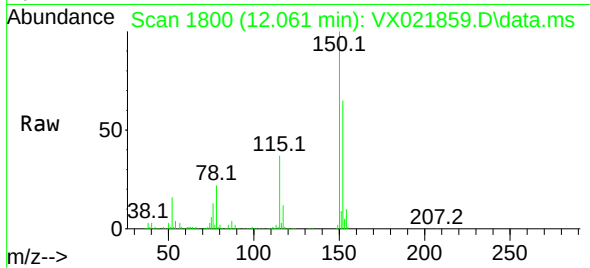




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021859.D
 Acq: 23 Apr 2021 21:41

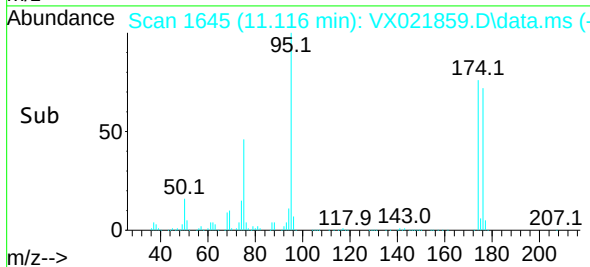
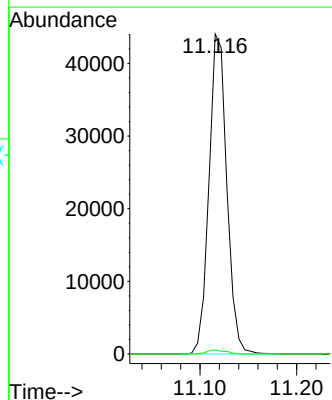
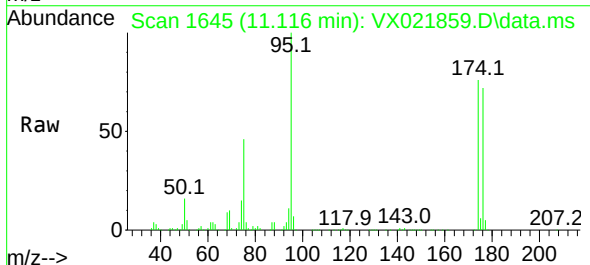
Instrument :
 MSVOA_X
 ClientSampleId :

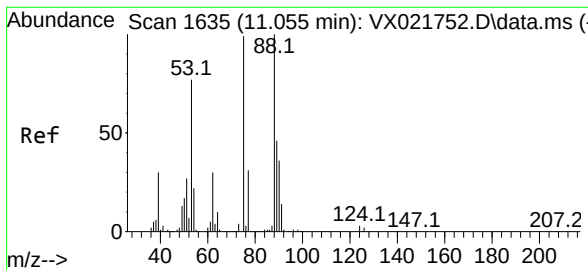
Tgt Ion:152 Resp: 130018
 Ion Ratio Lower Upper
 152 100
 115 57.9 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.91 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021859.D
 Acq: 23 Apr 2021 21:41

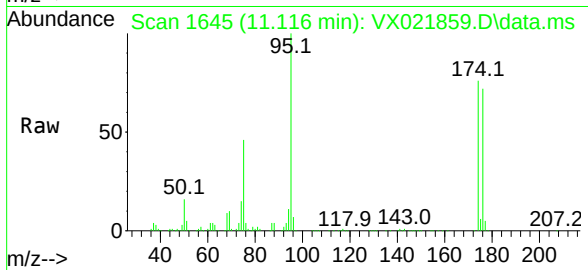
Tgt Ion: 75 Resp: 56488
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.38 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021859.D
 Acq: 23 Apr 2021 21:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56488
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

