

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021765.D
 Acq On : 20 Apr 2021 19:52
 Operator : JC/MD
 Sample : M2064-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 11:23:40 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	153552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	261238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	226769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	99487	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	88714	50.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.86%
35) Dibromofluoromethane	5.464	113	82093	49.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.28%
50) Toluene-d8	8.695	98	310745	48.38	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.76%
62) 4-Bromofluorobenzene	11.116	95	105384	43.93	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.86%

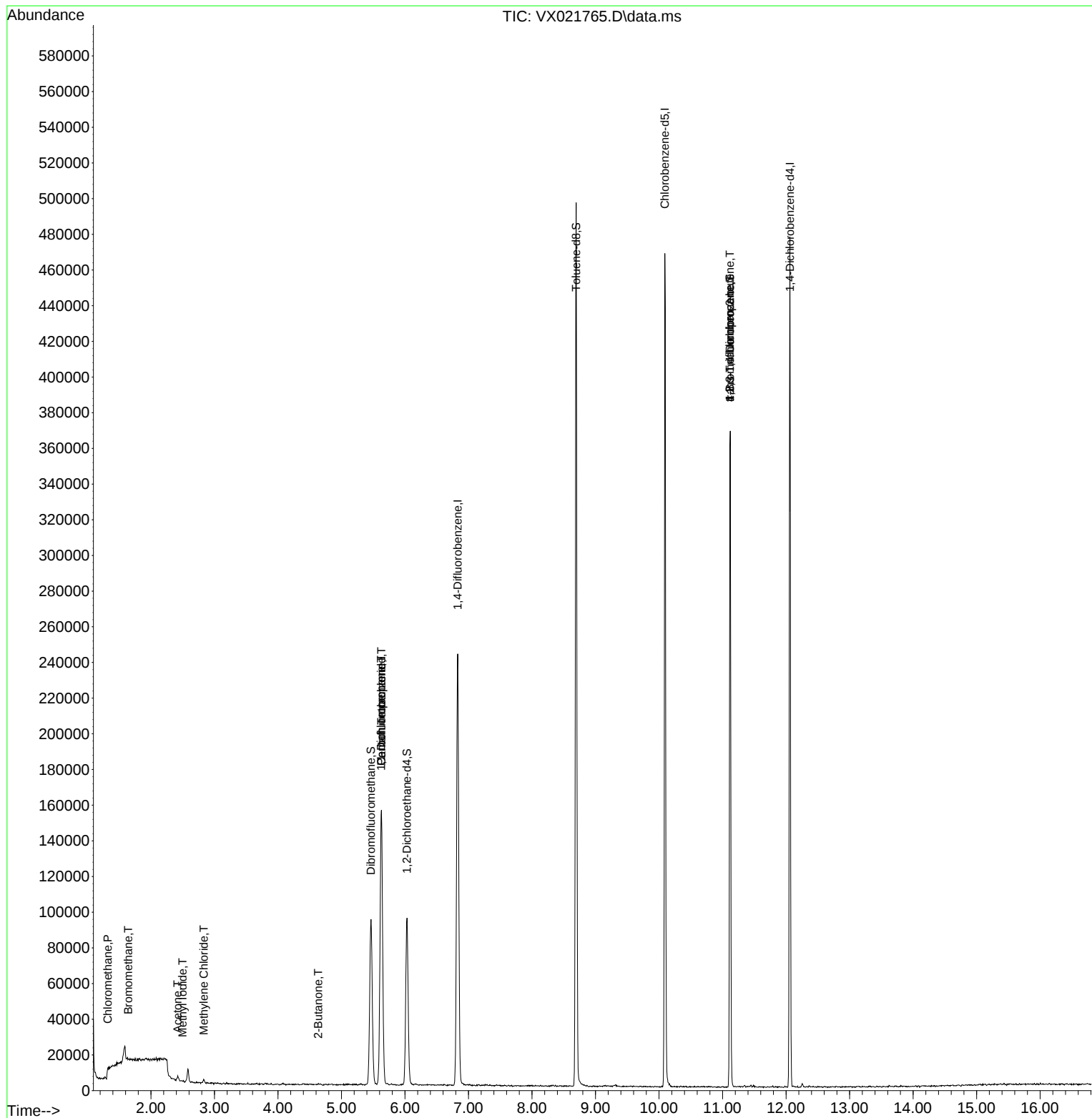
Target Compounds						Qvalue
3) Chloromethane	1.319	50	4034	2.37	ug/l	98
5) Bromomethane	1.642	94	326	0.42	ug/l	89
10) Methyl Iodide	2.495	142	275	8.35	ug/l #	78
16) Acetone	2.416	43	2467	4.12	ug/l #	85
20) Methylene Chloride	2.831	84	1007	0.56	ug/l #	88
25) 2-Butanone	4.635	43	270	0.27	ug/l #	45
36) 1,1-Dichloropropene	5.623	75	10621	4.61	ug/l #	50
38) Carbon Tetrachloride	5.629	117	14770	5.85	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	48777	24.72	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	48777	56.85	ug/l #	12

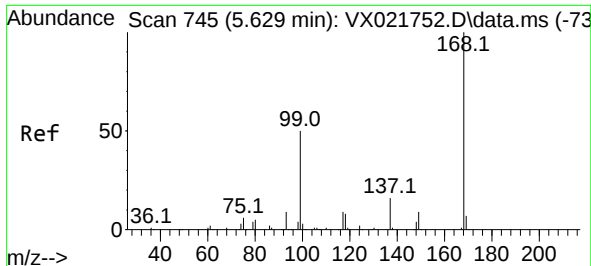
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
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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

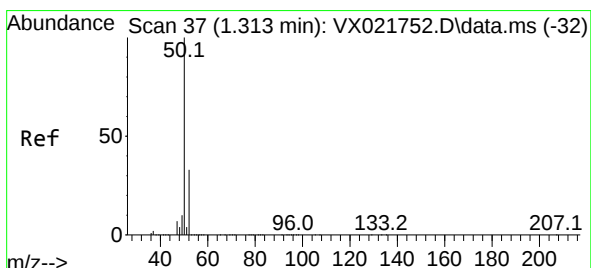
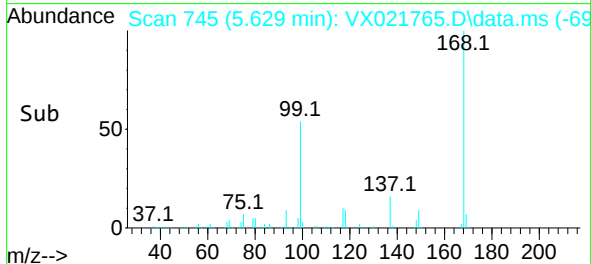
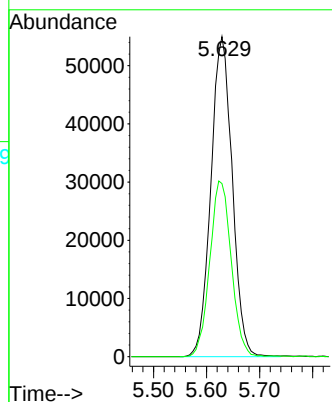
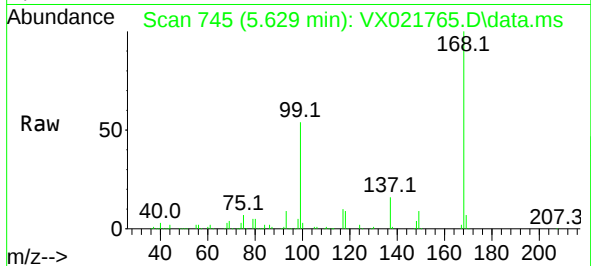




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

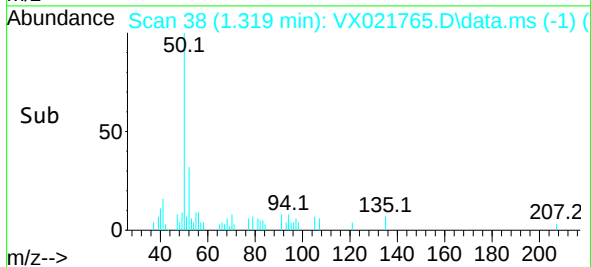
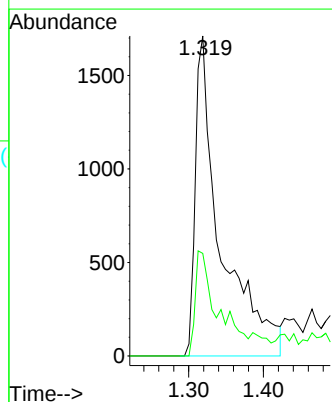
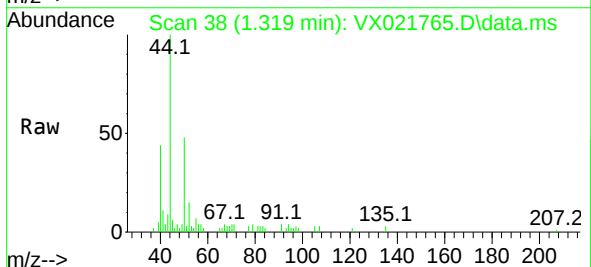
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 153552
Ion Ratio Lower Upper
168 100
99 54.1 45.8 68.6



#3
Chloromethane
Concen: 2.37 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 50 Resp: 4034
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6

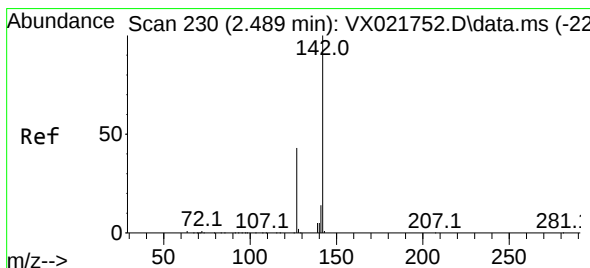
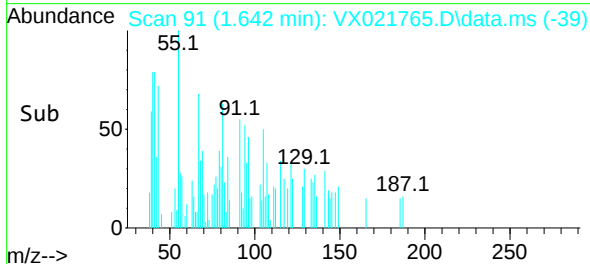
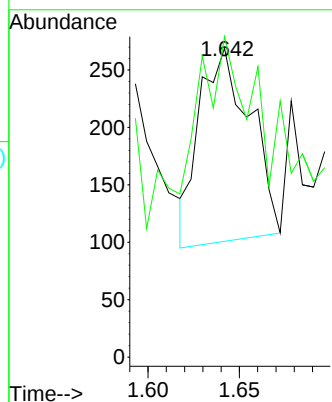
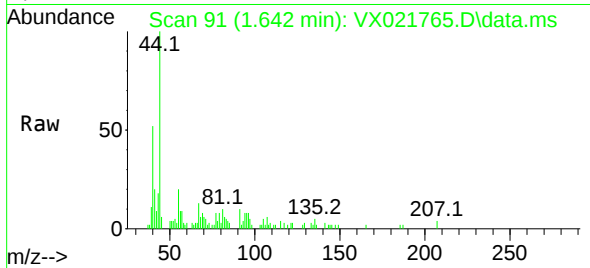




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

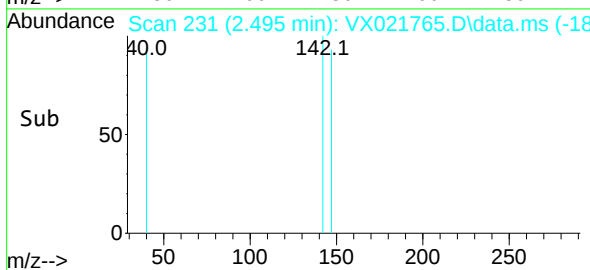
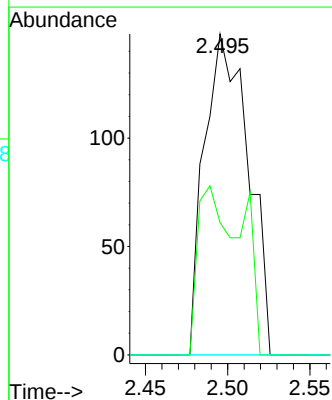
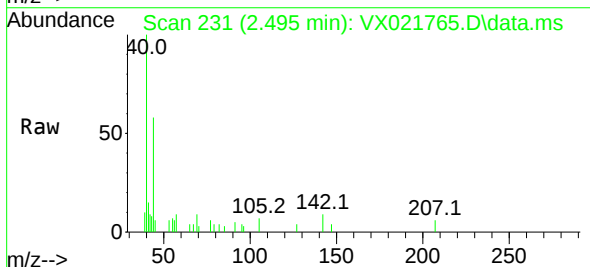
Instrument :
MSVOA_X
ClientSampleId :

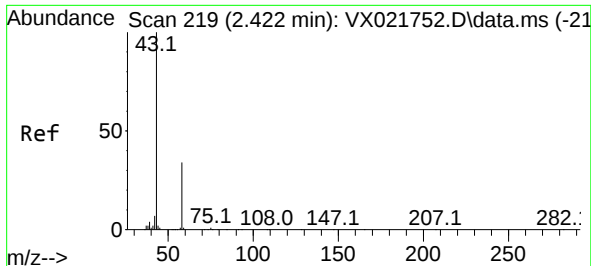
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 85.1 76.4 114.6



#10
Methyl Iodide
Concen: 8.35 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 142 Resp: 275
Ion Ratio Lower Upper
142 100
127 52.4 33.3 49.9#
141 0.0 11.4 17.0#

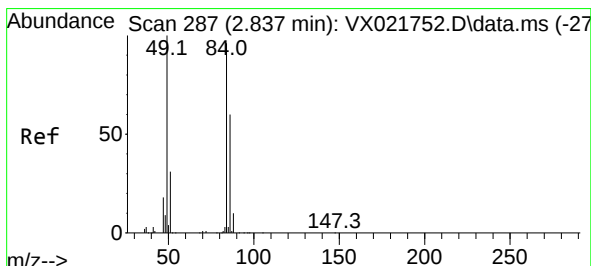
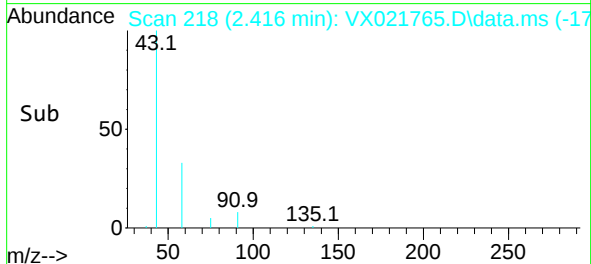
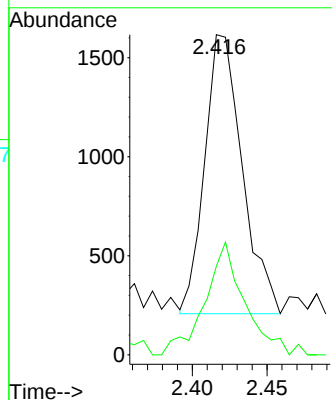
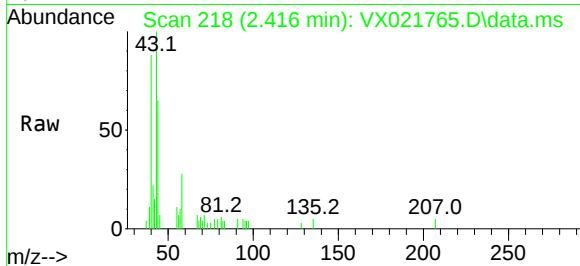




#16
Acetone
Concen: 4.12 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

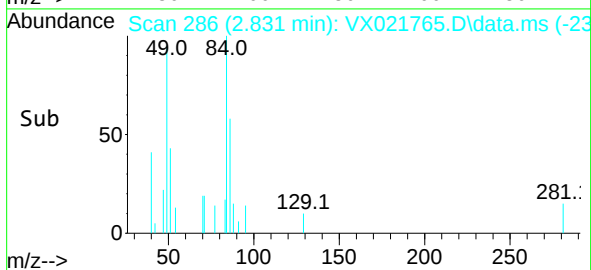
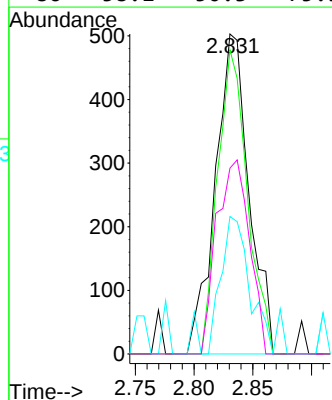
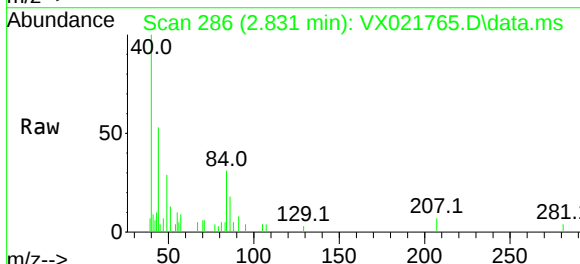
Instrument :
MSVOA_X
ClientSampleId :

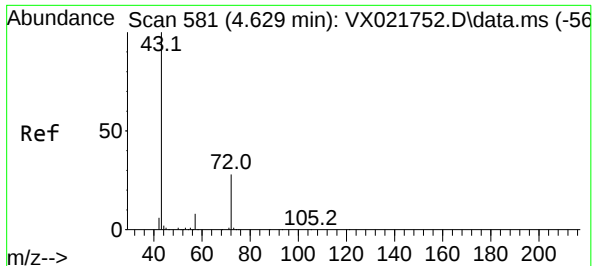
Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 95.0 88.6 132.8
51 42.9 27.0 40.6#
86 58.1 50.3 75.5

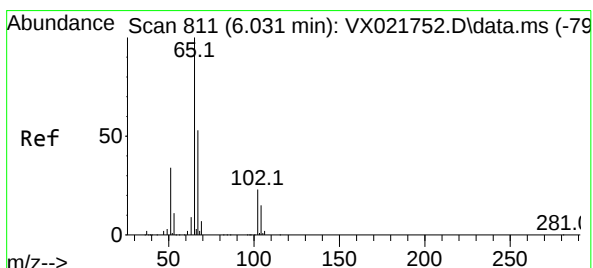
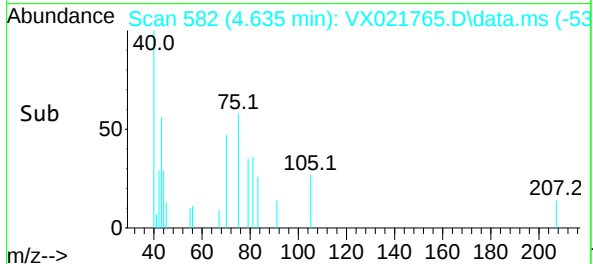
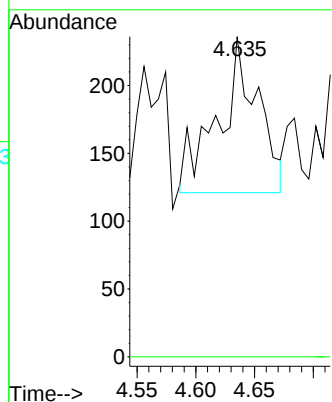
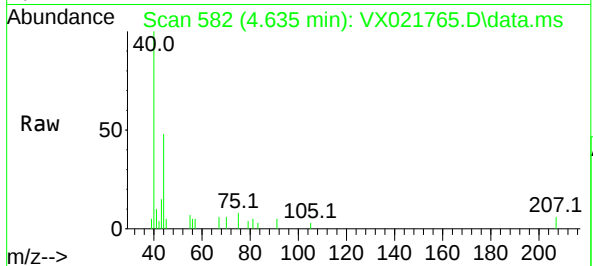




#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

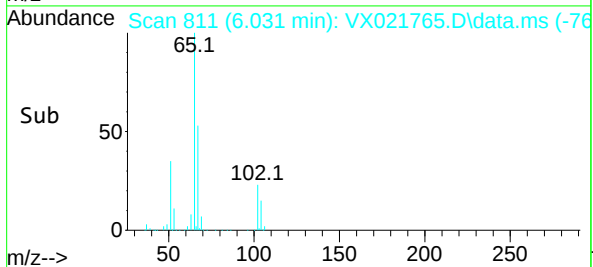
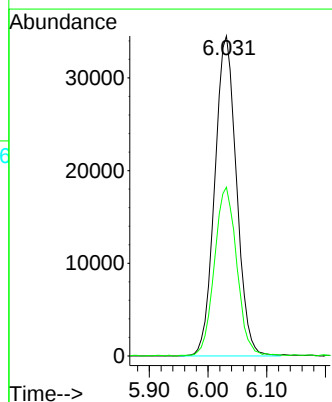
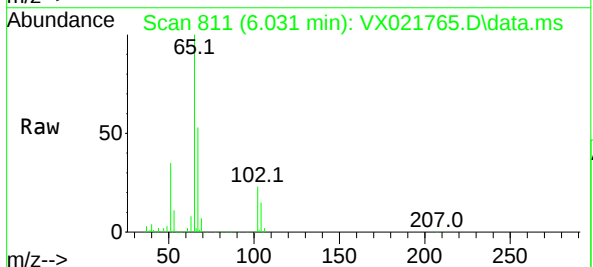
Instrument :
MSVOA_X
ClientSampled :

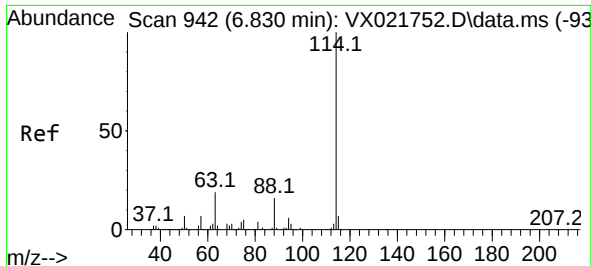
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 50.93 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 65 Resp: 88714
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4

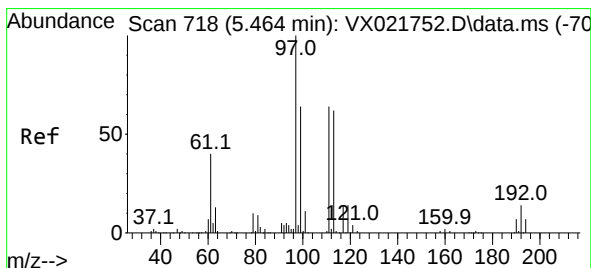
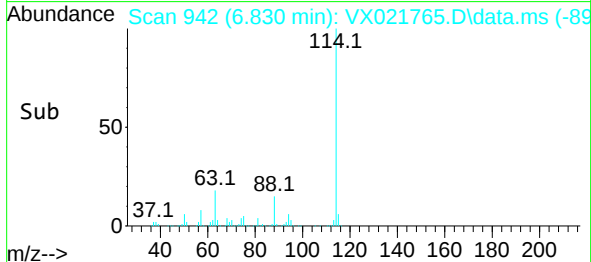
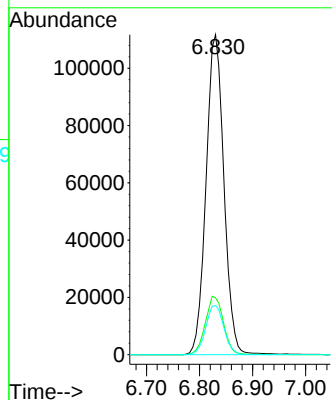
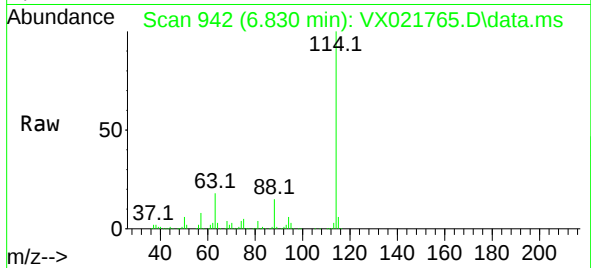




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

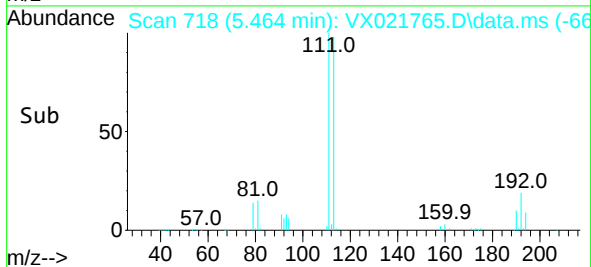
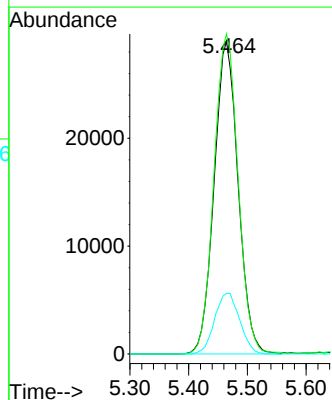
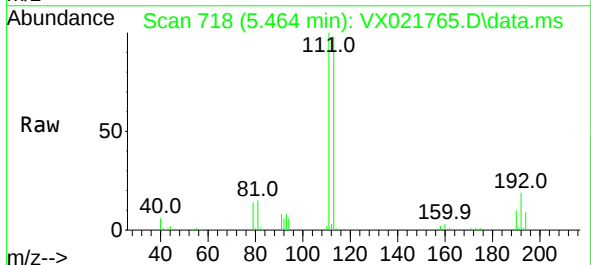
Instrument :
MSVOA_X
ClientSampled :

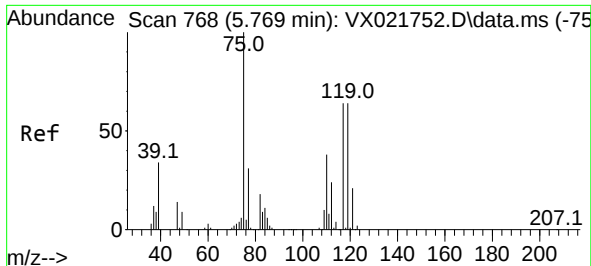
Tgt Ion:114 Resp: 261238
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

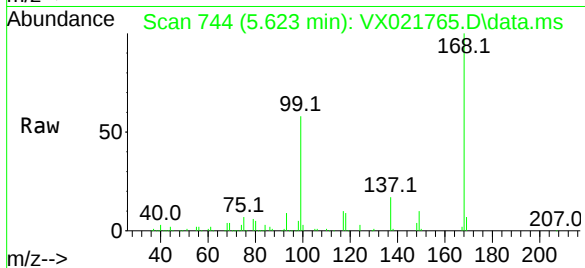
Tgt Ion:113 Resp: 82093
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.2 16.7 25.1



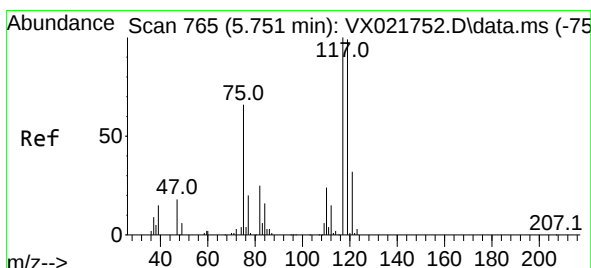
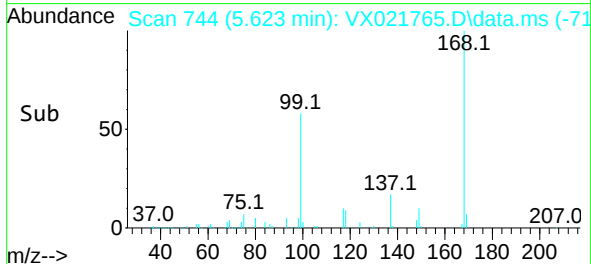
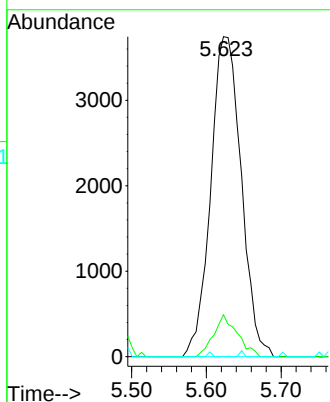


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Instrument :
MSVOA_X
ClientSampleId :

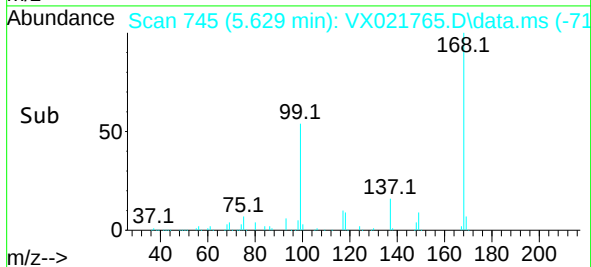
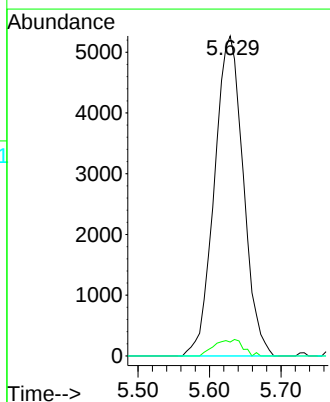
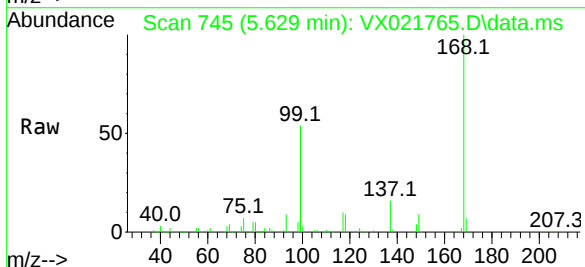


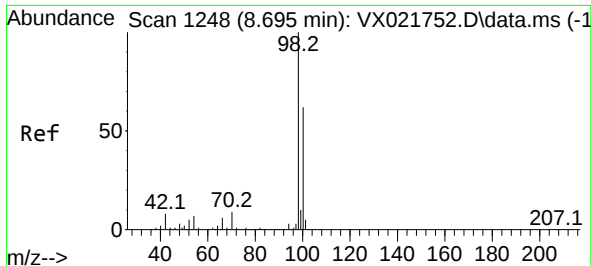
Tgt Ion: 75 Resp: 10621
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.2 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 117 Resp: 14770
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

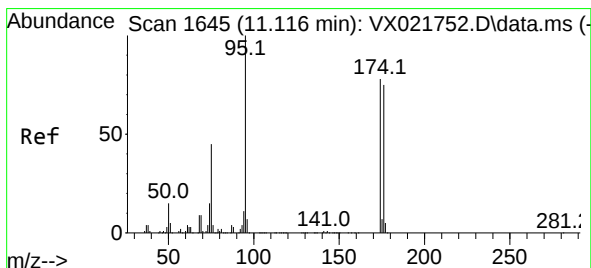
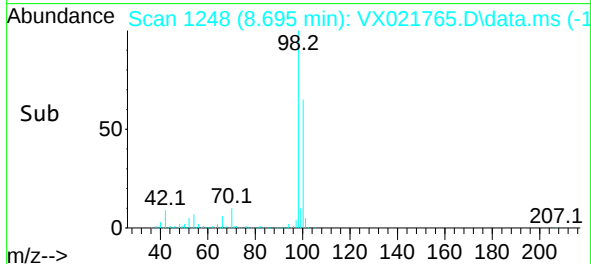
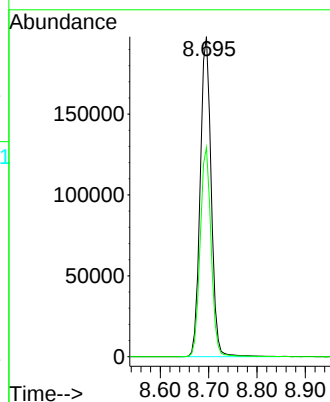
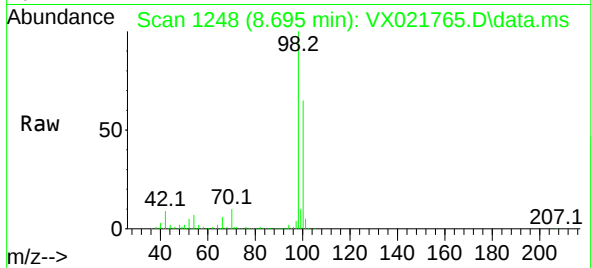




#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

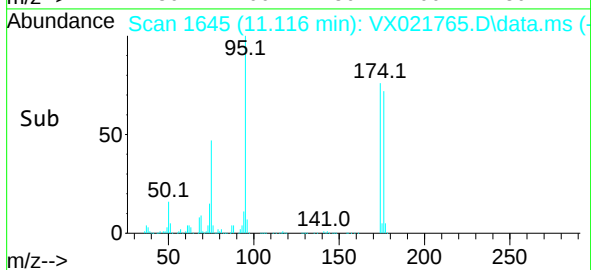
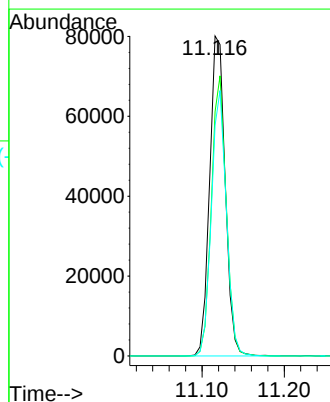
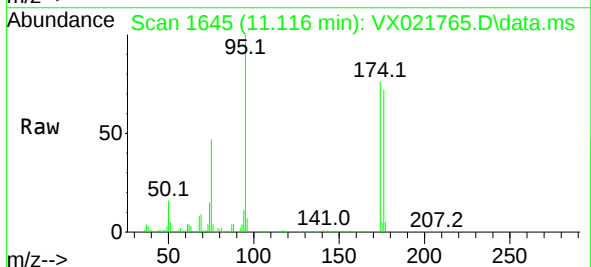
Instrument :
MSVOA_X
ClientSampled :

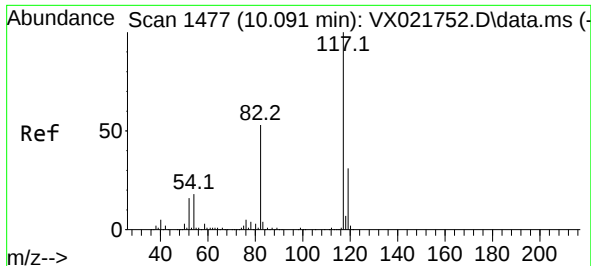
Tgt Ion: 98 Resp: 310745
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.93 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 95 Resp: 105384
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 80.1 0.0 155.8

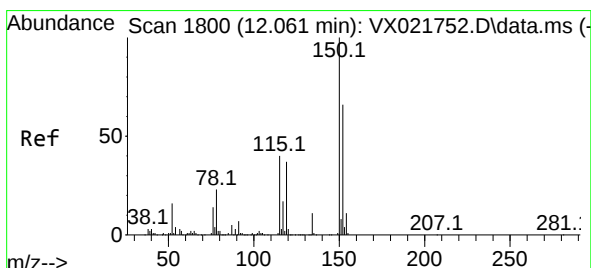
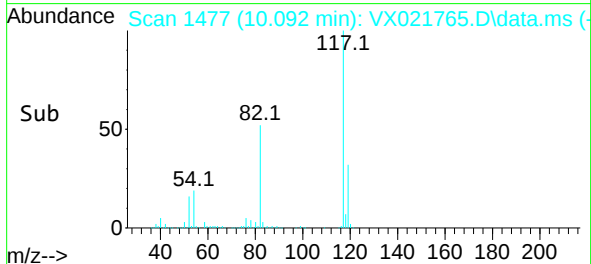
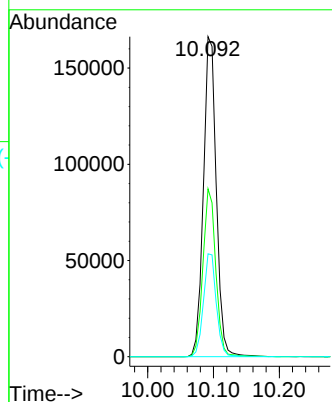
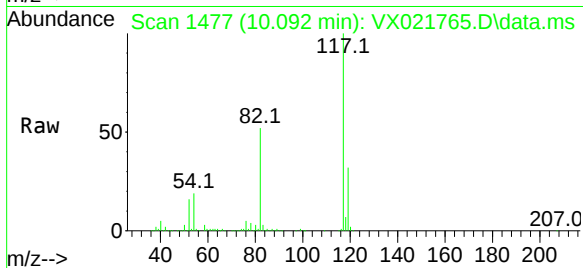




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

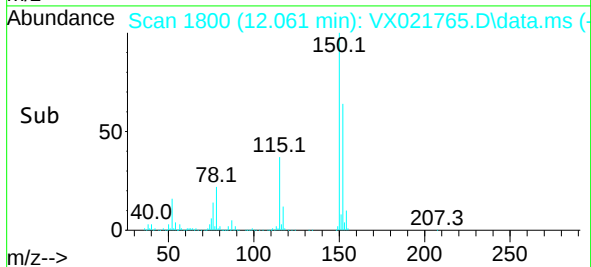
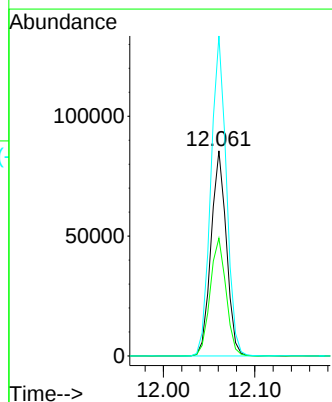
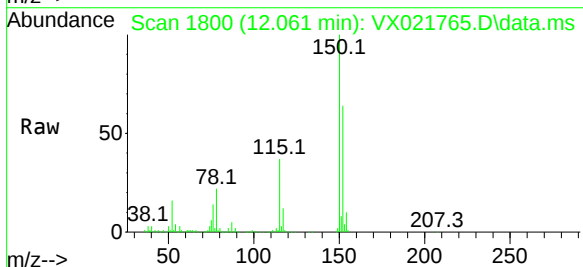
Instrument :
MSVOA_X
ClientSampled :

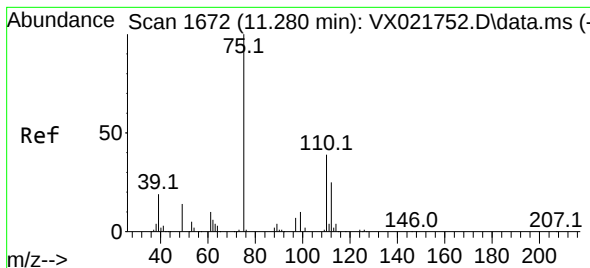
Tgt Ion:117 Resp: 226769
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion:152 Resp: 99487
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 157.6 0.0 349.0

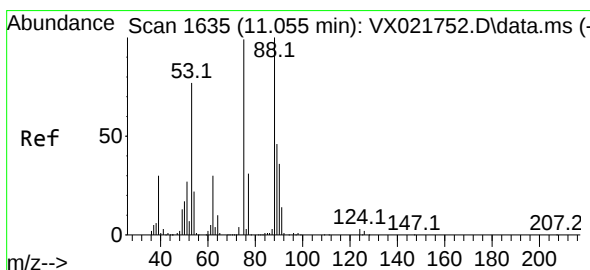
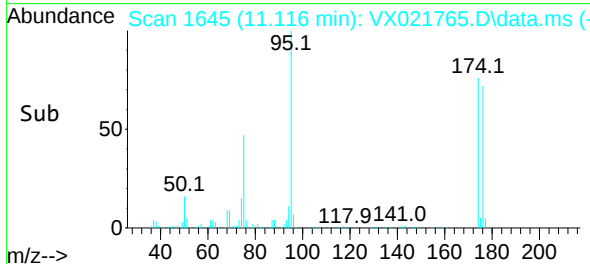
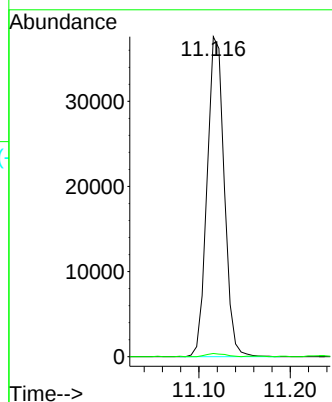
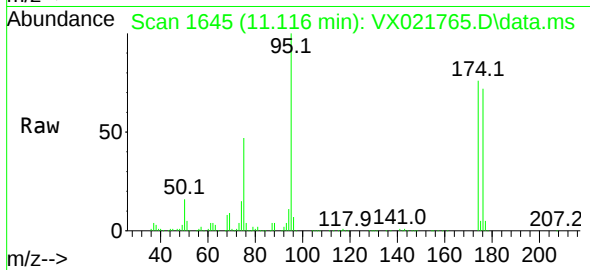




#76
1,2,3-Trichloropropane
Concen: 24.72 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 48777
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.85 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021765.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 75 Resp: 48777
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

