

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021814.D
 Acq On : 22 Apr 2021 14:18
 Operator : JC/MD
 Sample : M2131-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:42:18 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)

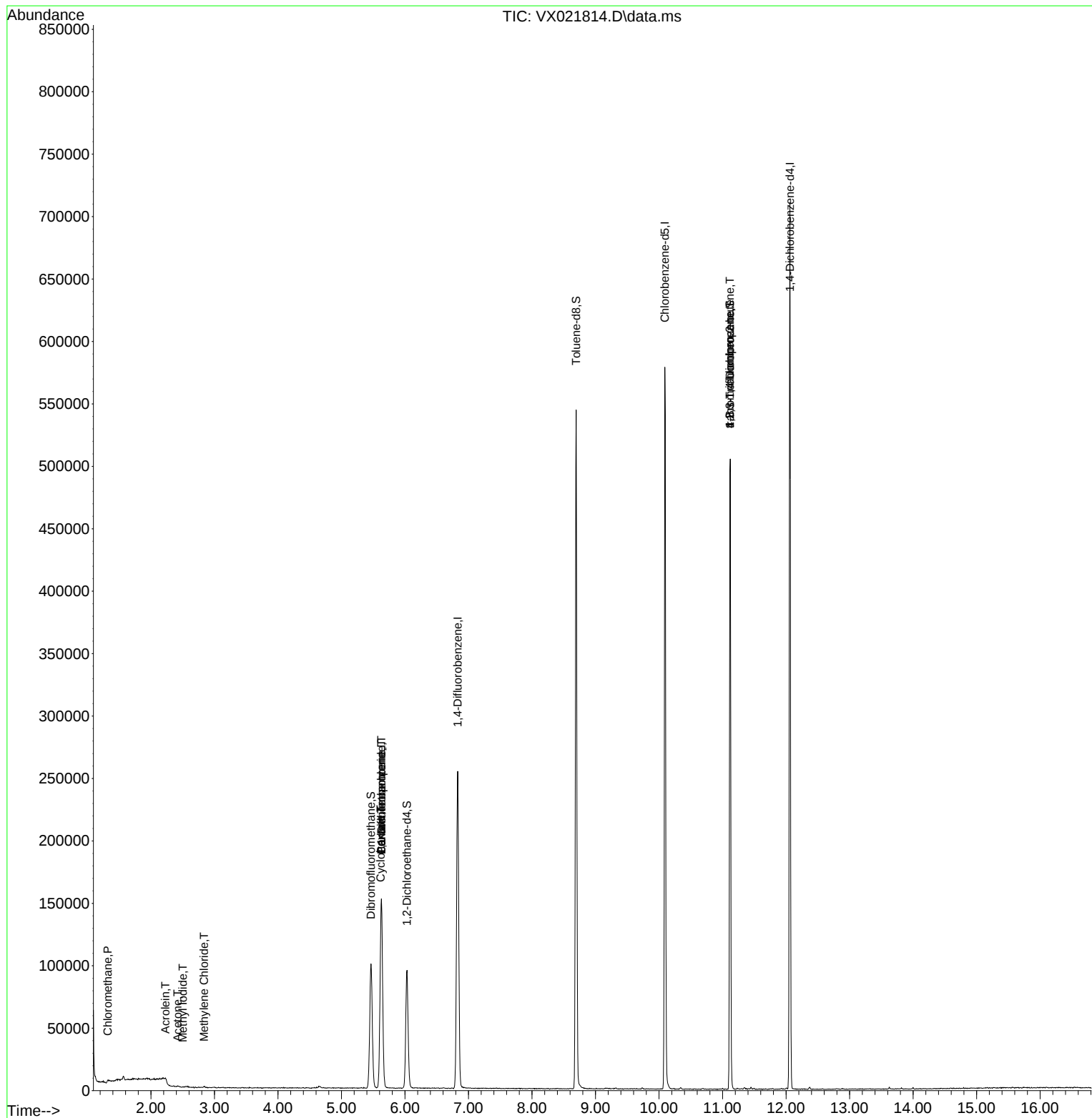
Internal Standards						
1) Pentafluorobenzene	5.629	168	153597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	277019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	289885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	87495	50.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.42%	
35) Dibromofluoromethane	5.464	113	88508	49.96	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.92%	
50) Toluene-d8	8.695	98	337435	49.54	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.08%	
62) 4-Bromofluorobenzene	11.116	95	145322	57.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1176	0.90	ug/l	97
10) Methyl Iodide	2.501	142	119	8.23	ug/l #	42
13) Acrolein	2.227	56	255	0.83	ug/l #	1
16) Acetone	2.416	43	509	0.85	ug/l	92
20) Methylene Chloride	2.837	84	565	0.31	ug/l #	74
31) Cyclohexane	5.617	56	2520	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10316	4.22	ug/l #	49
38) Carbon Tetrachloride	5.629	117	14581	5.45	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	67166	22.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	67166	51.22	ug/l #	12

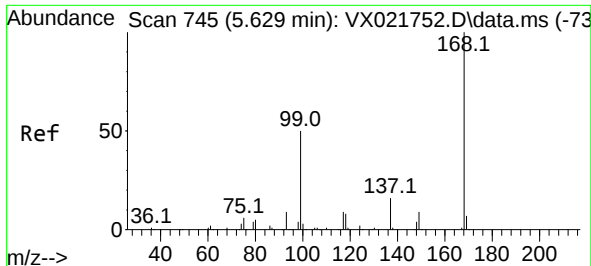
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 07:42:18 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

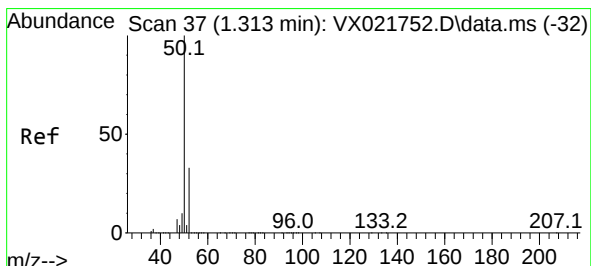
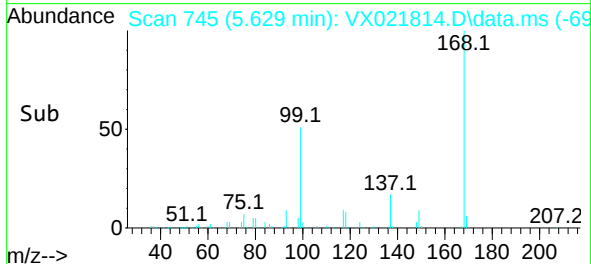
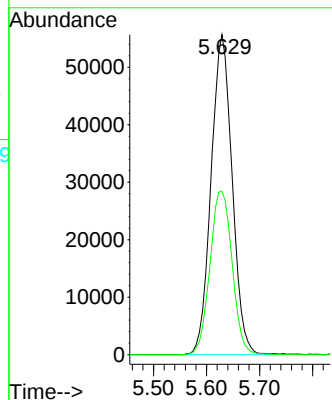
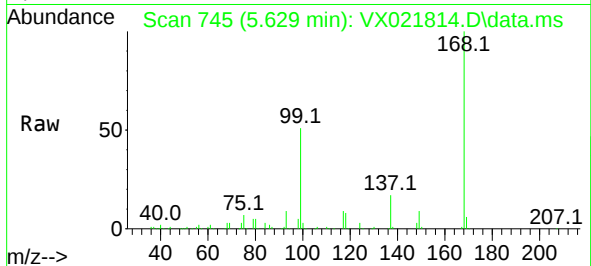




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

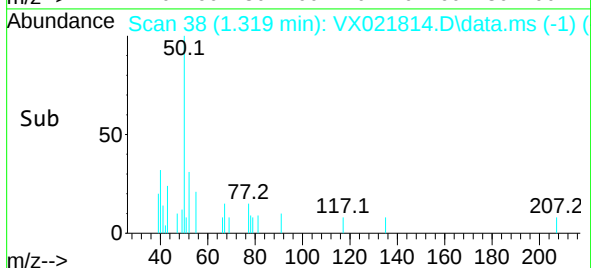
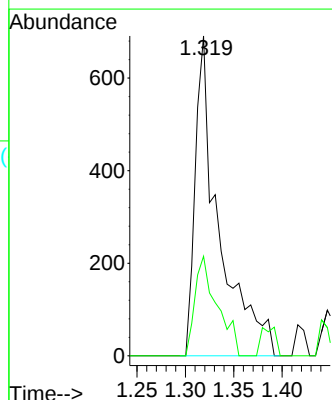
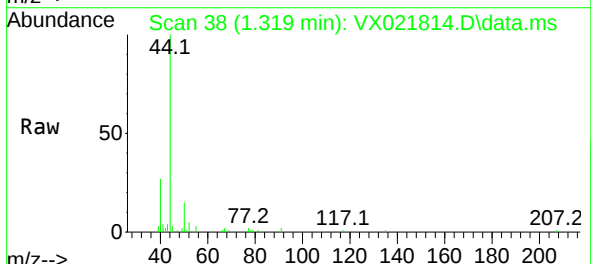
Instrument :
MSVOA_X
ClientSampleId :

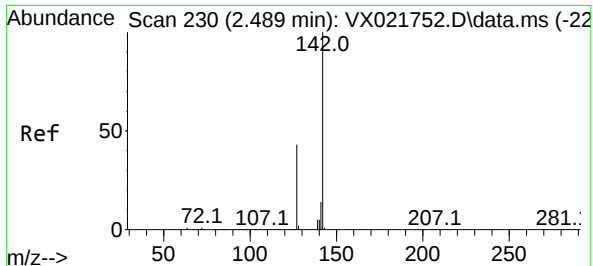
Tgt Ion:168 Resp: 153597
Ion Ratio Lower Upper
168 100
99 51.0 45.8 68.6



#3
Chloromethane
Concen: 0.90 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

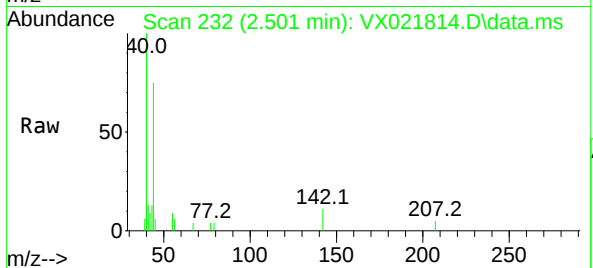
Tgt Ion: 50 Resp: 1176
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6



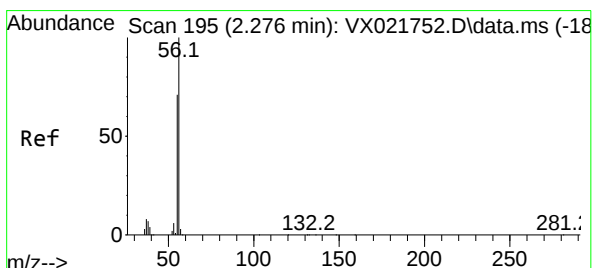
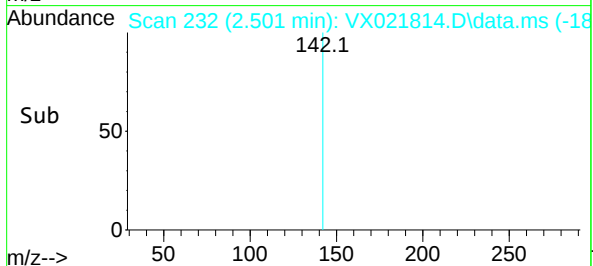
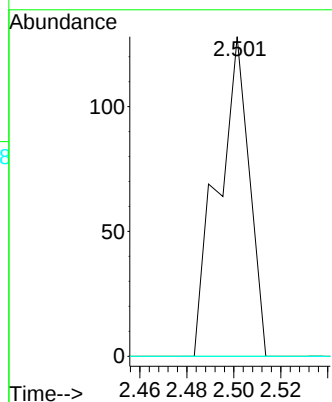


#10
Methyl Iodide
Concen: 8.23 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampleId :

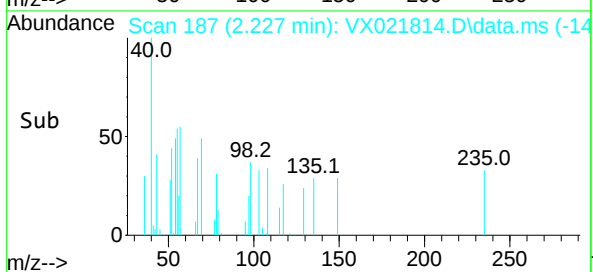
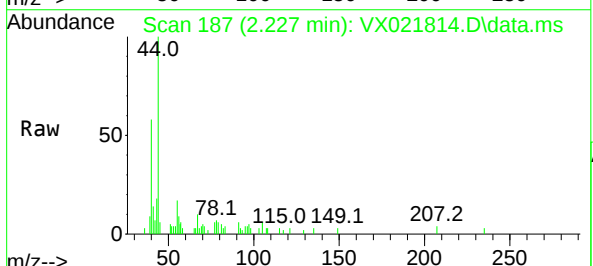


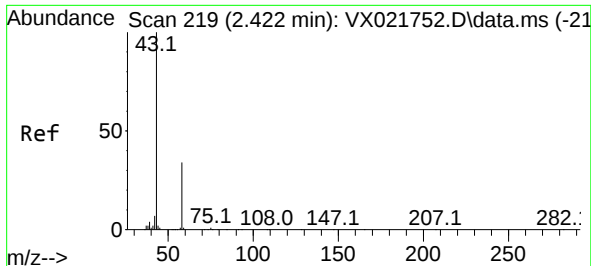
Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.83 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.049 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 348.2 56.4 84.6#

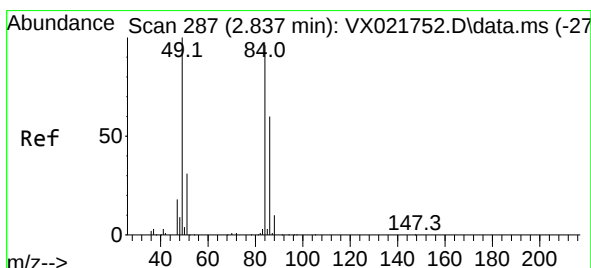
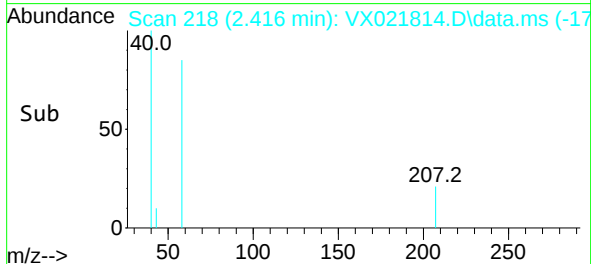
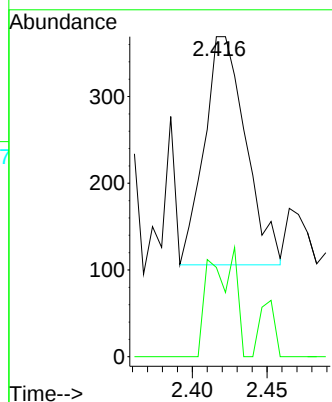
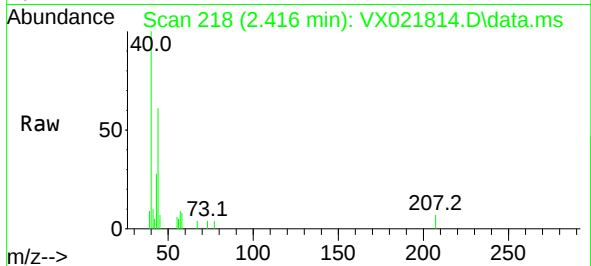




#16
Acetone
Concen: 0.85 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

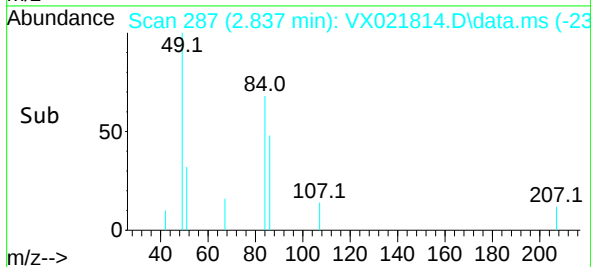
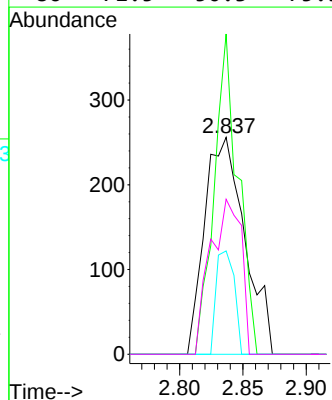
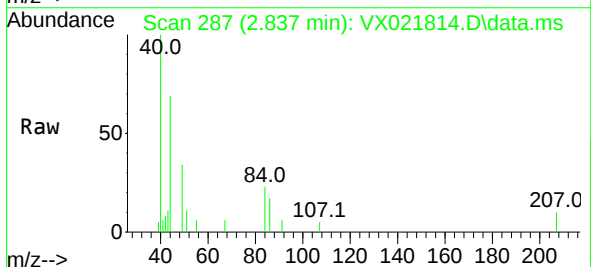
Instrument :
MSVOA_X
ClientSampleId :

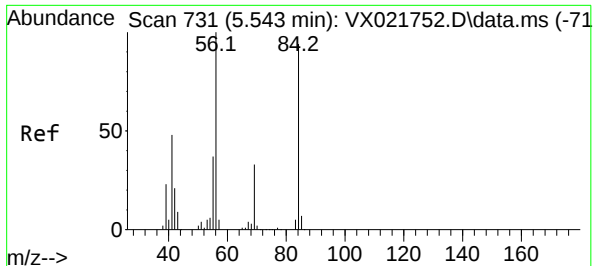
Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

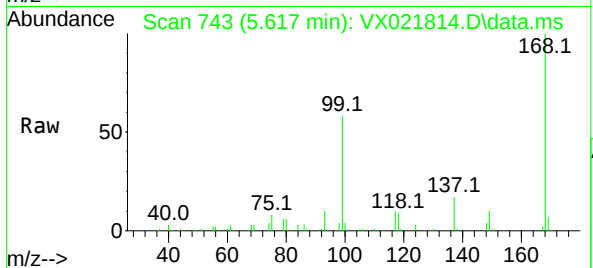
Tgt Ion: 84 Resp: 565
Ion Ratio Lower Upper
84 100
49 147.7 88.6 132.8#
51 47.7 27.0 40.6#
86 71.5 50.3 75.5



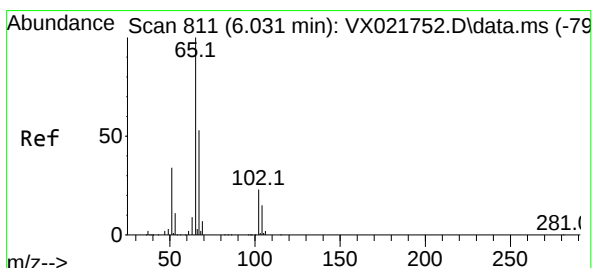
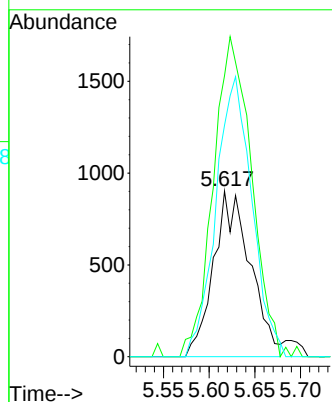
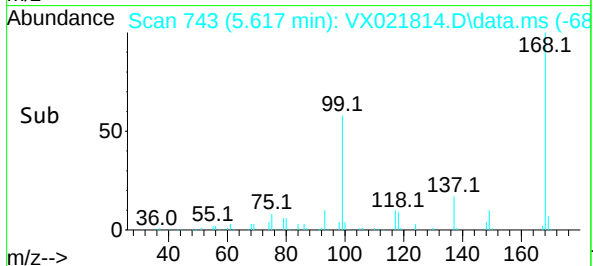


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.074 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

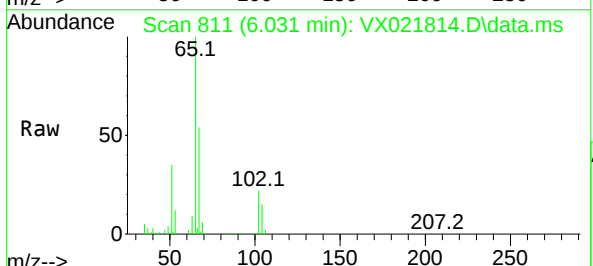
Instrument :
MSVOA_X
ClientSampled :



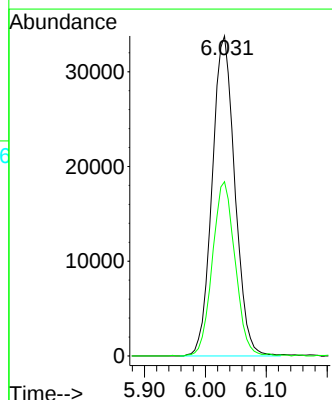
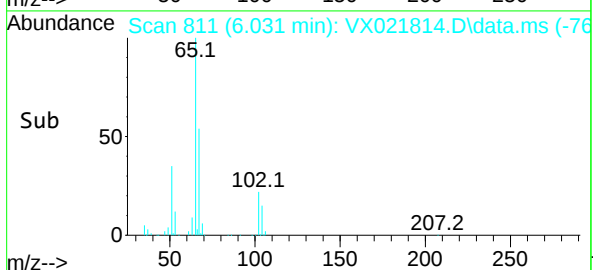
Tgt Ion: 56 Resp: 2520
Ion Ratio Lower Upper
56 100
69 169.6 25.3 37.9#
84 139.7 71.4 107.0#

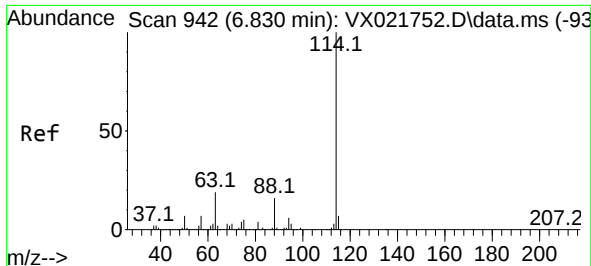


#33
1,2-Dichloroethane-d4
Concen: 50.21 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18



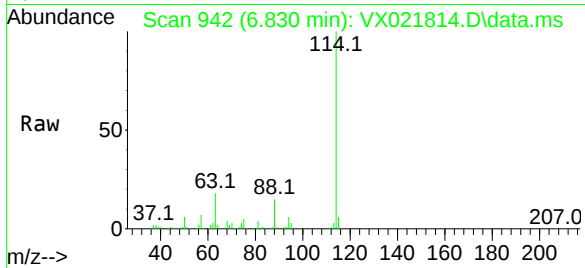
Tgt Ion: 65 Resp: 87495
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.4



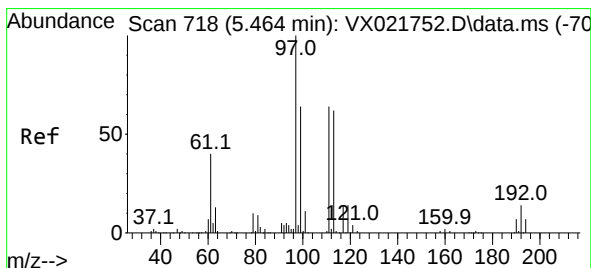
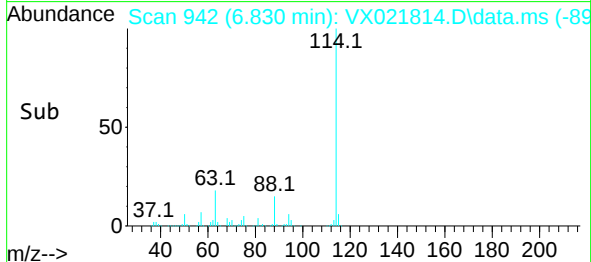
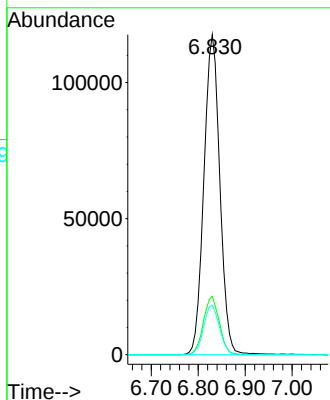


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampleId :

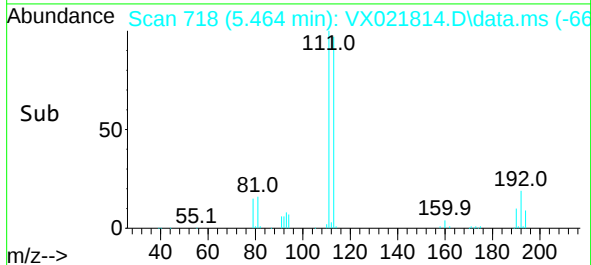
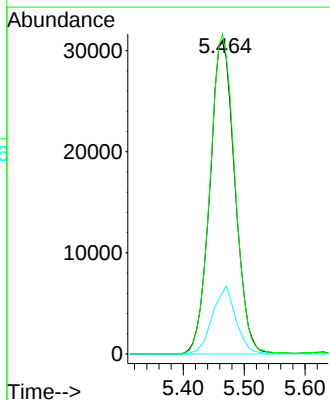
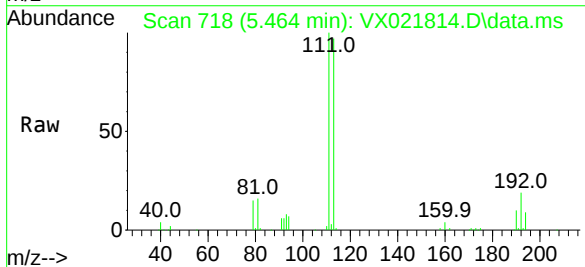


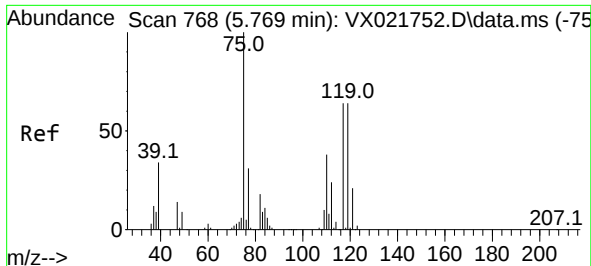
Tgt Ion:114 Resp: 277019
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

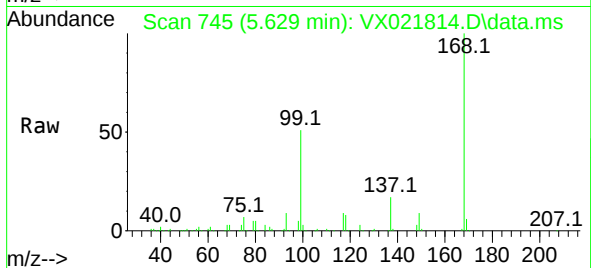
Tgt Ion:113 Resp: 88508
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 20.2 16.7 25.1



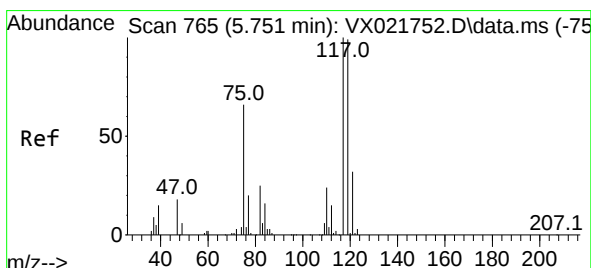
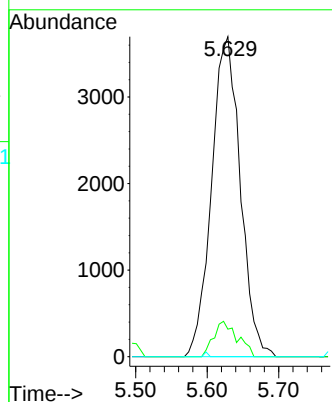
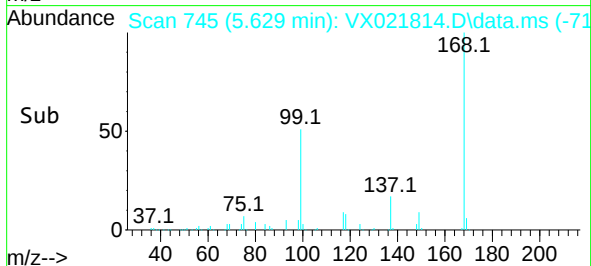


#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

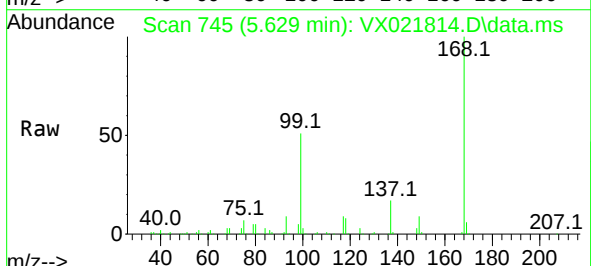
Instrument :
MSVOA_X
ClientSampleId :



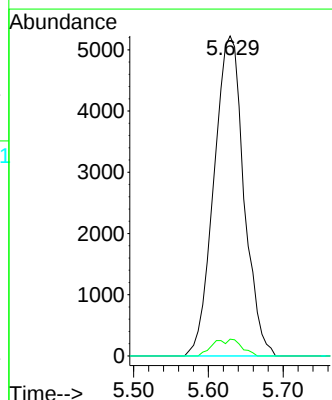
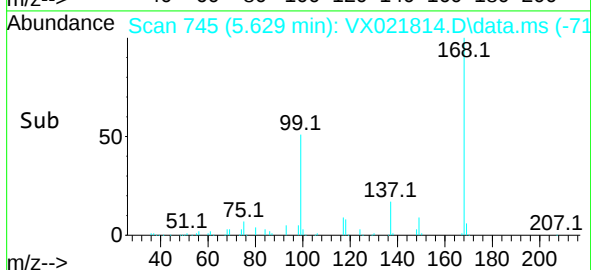
Tgt Ion: 75 Resp: 10316
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

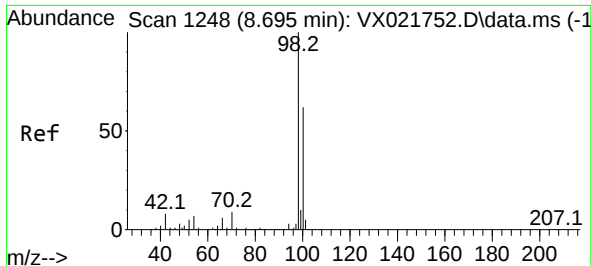


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18



Tgt Ion: 117 Resp: 14581
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

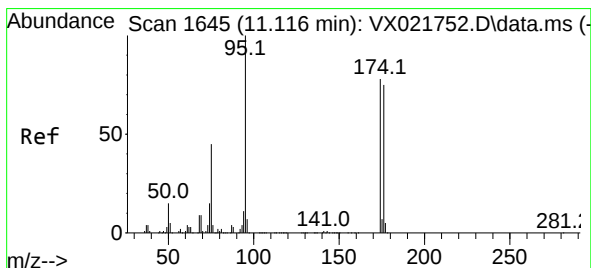
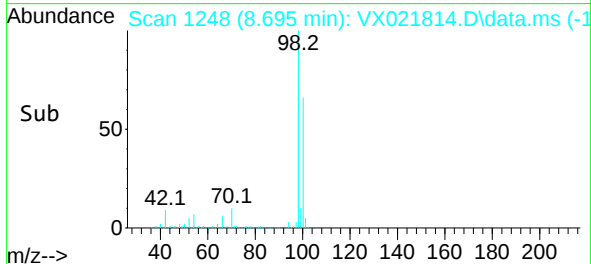
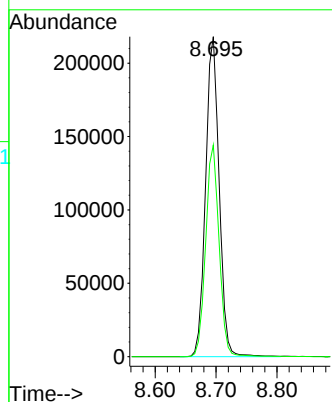
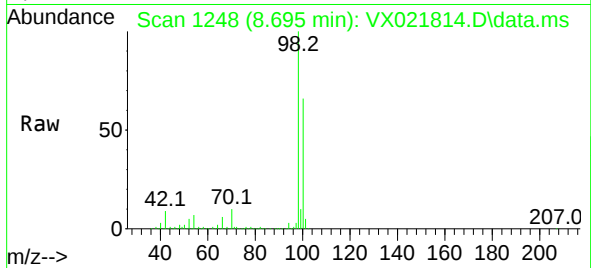




#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

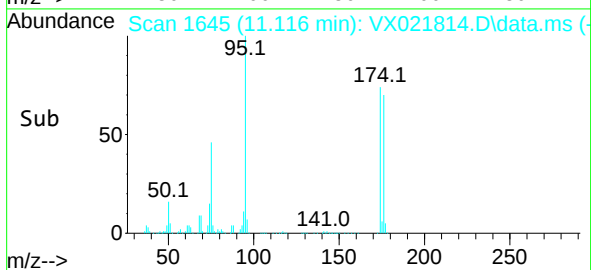
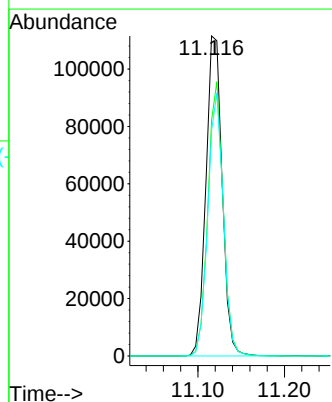
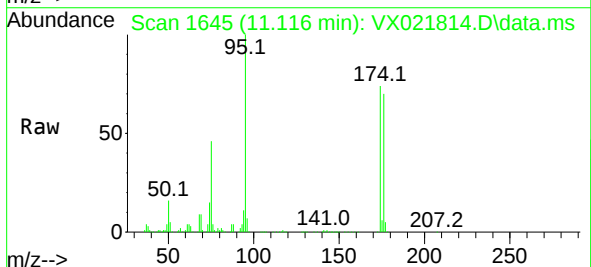
Instrument :
MSVOA_X
ClientSampled :

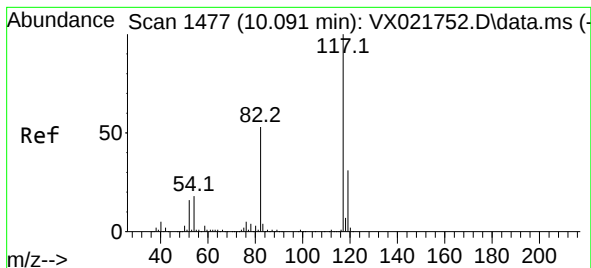
Tgt Ion: 98 Resp: 337435
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.13 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Tgt Ion: 95 Resp: 145322
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 78.4 0.0 155.8

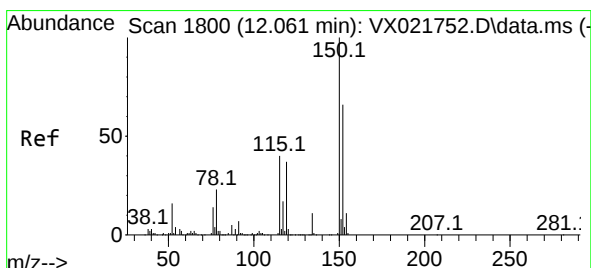
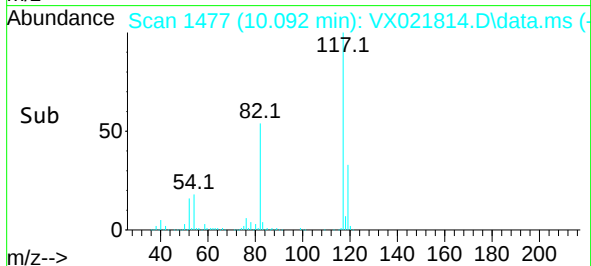
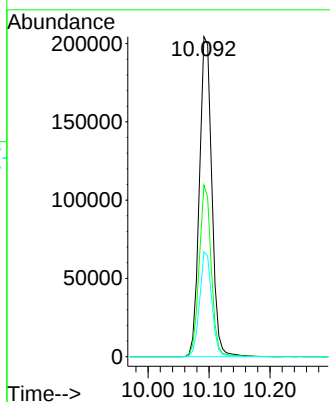
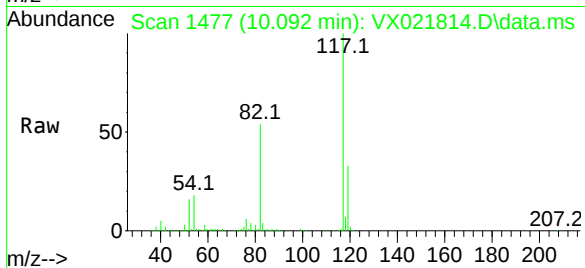




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

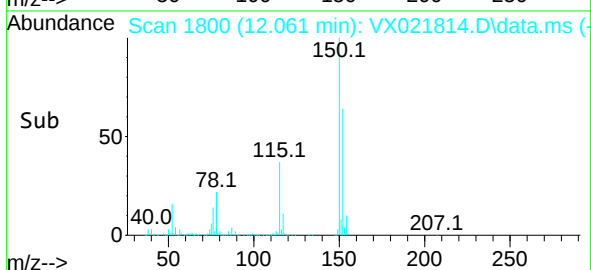
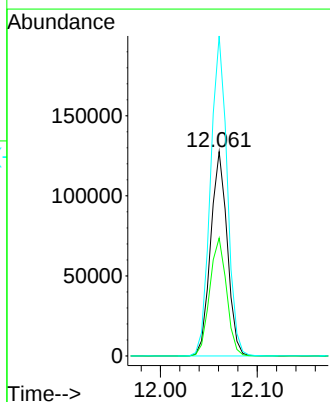
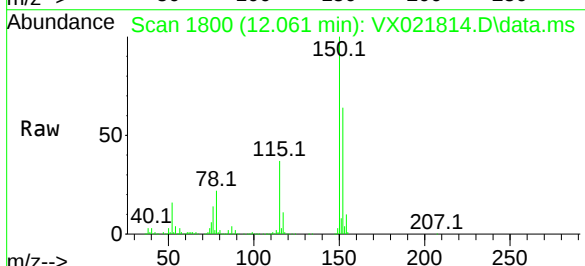
Instrument :
MSVOA_X
ClientSampleId :

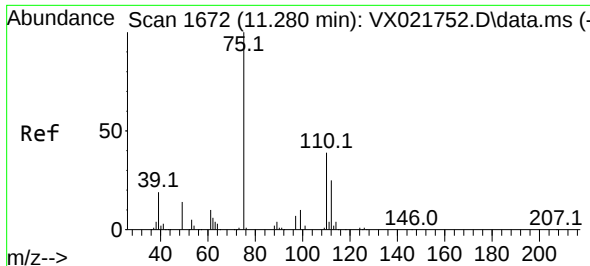
Tgt Ion:117 Resp: 289885
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Tgt Ion:152 Resp: 152053
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.1 0.0 349.0

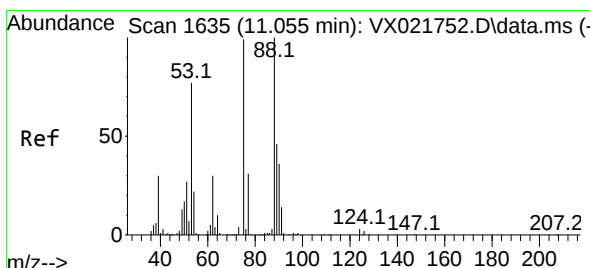
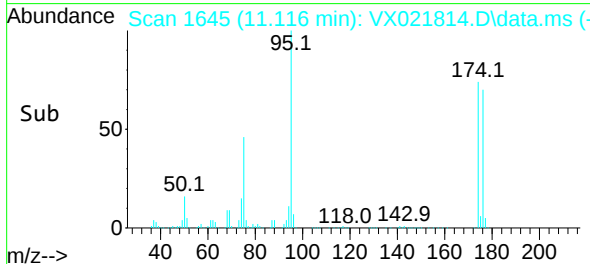
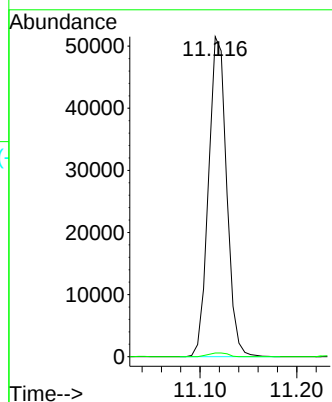
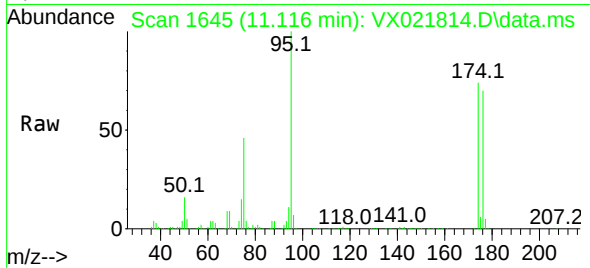




#76
1,2,3-Trichloropropane
Concen: 22.28 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 67166
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.22 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021814.D
Acq: 22 Apr 2021 14:18

Tgt Ion: 75 Resp: 67166
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

