

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021846.D
 Acq On : 23 Apr 2021 16:45
 Operator : JC/MD
 Sample : M2164-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:05:15 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)

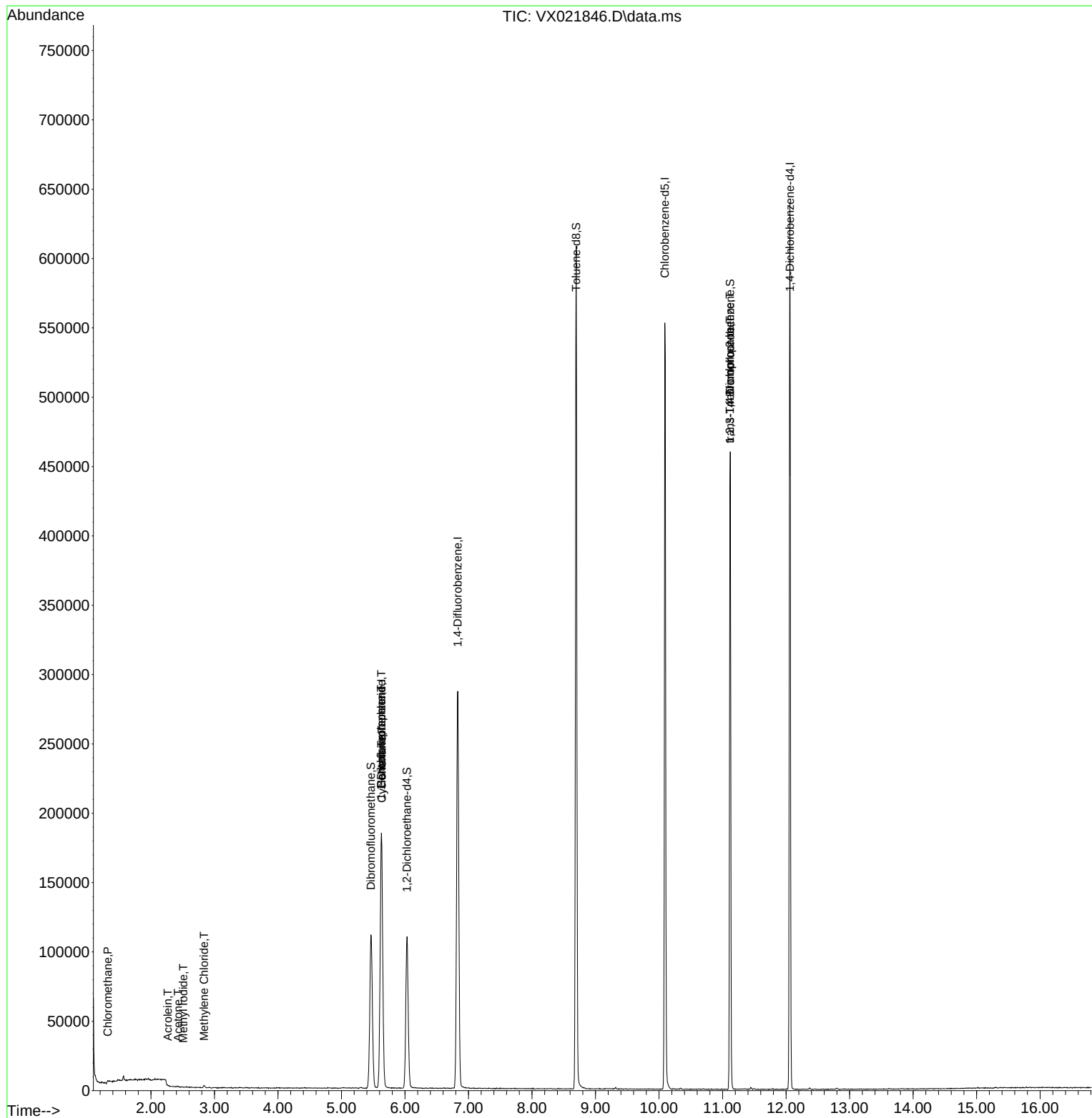
Internal Standards						
1) Pentafluorobenzene	5.629	168	184731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	313316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	282342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	103175	49.23	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.46%
35) Dibromofluoromethane	5.464	113	99753	49.79	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.58%
50) Toluene-d8	8.695	98	371190	48.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.36%
62) 4-Bromofluorobenzene	11.122	95	133120	46.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.54%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	864	0.67	ug/l	99
10) Methyl Iodide	2.507	142	75	8.19	ug/l #	72
13) Acrolein	2.264	56	117	0.32	ug/l #	14
16) Acetone	2.428	43	419	0.58	ug/l #	48
20) Methylene Chloride	2.837	84	837	0.39	ug/l #	90
31) Cyclohexane	5.635	56	3159	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12232	4.42	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17696	5.84	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	59777	21.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59777	50.45	ug/l #	12

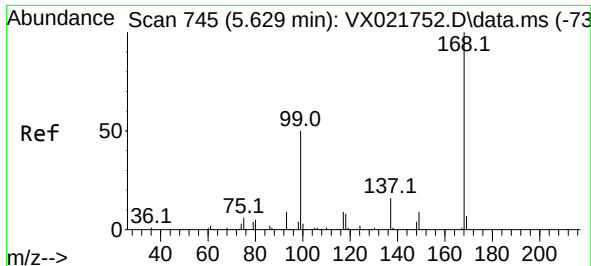
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Apr 26 04:05:15 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

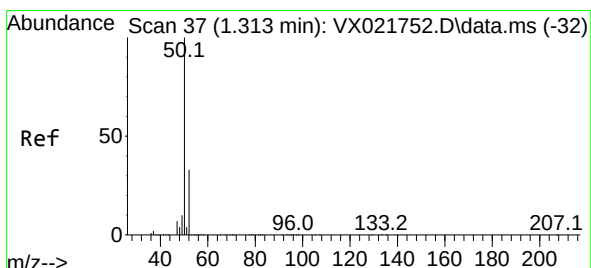
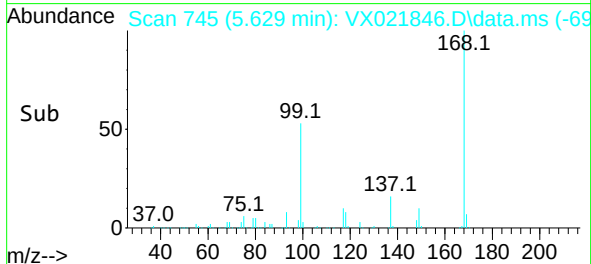
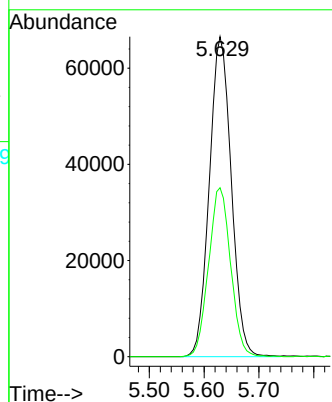
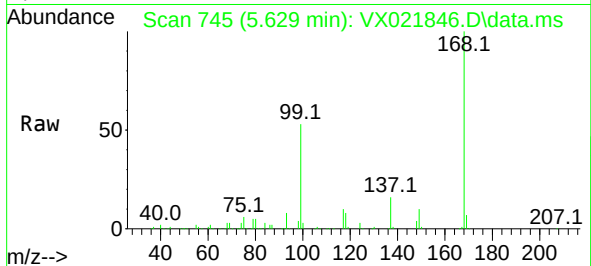




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

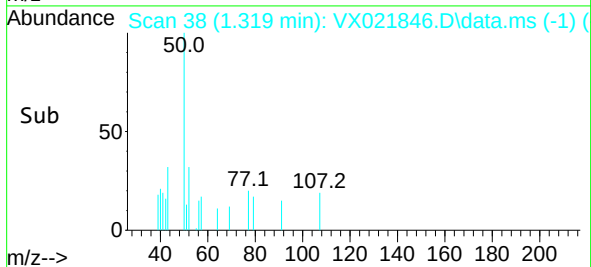
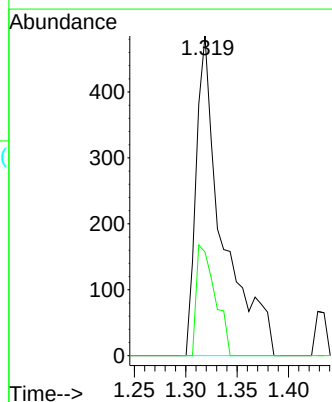
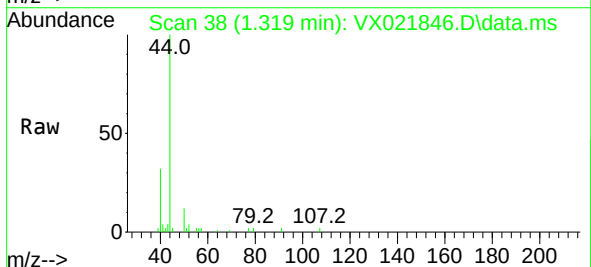
Instrument :
MSVOA_X
ClientSampleId :

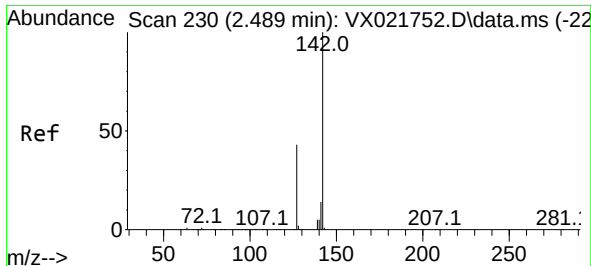
Tgt Ion:168 Resp: 184731
Ion Ratio Lower Upper
168 100
99 52.8 45.8 68.6



#3
Chloromethane
Concen: 0.67 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

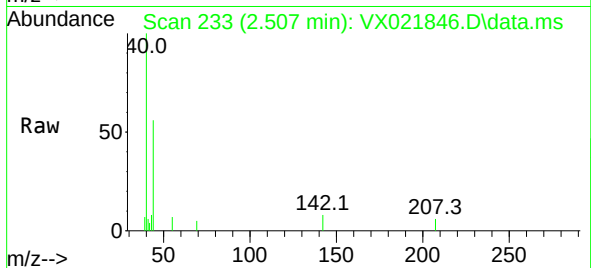
Tgt Ion: 50 Resp: 864
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6



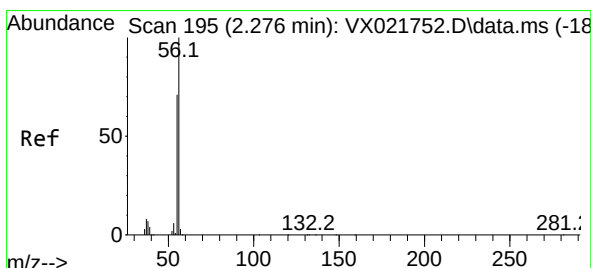
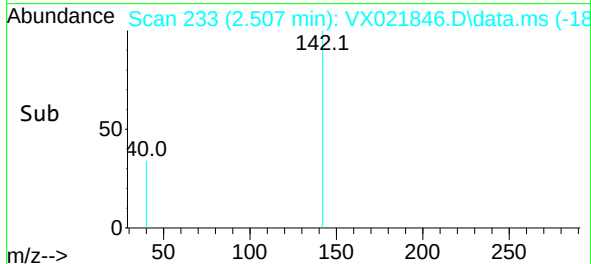
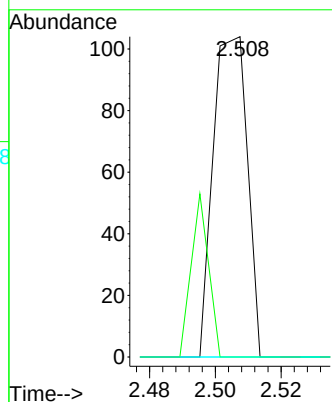


#10
Methyl Iodide
Concen: 8.19 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.018 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Instrument :
MSVOA_X
ClientSampled :

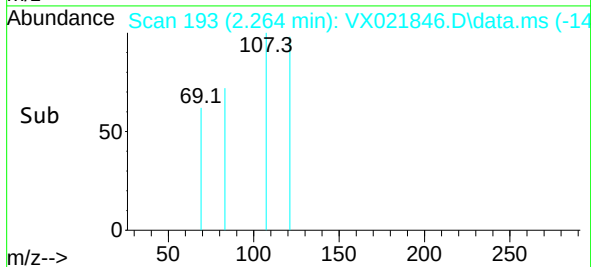
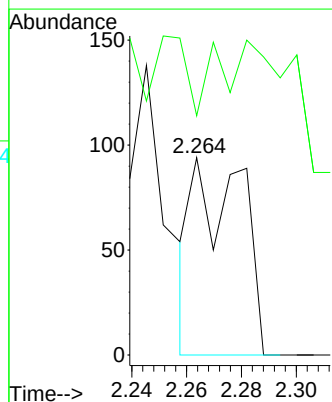
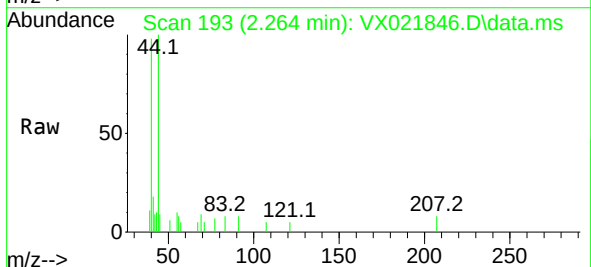


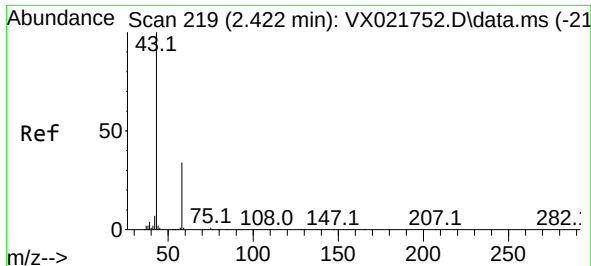
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 25.3 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.012 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

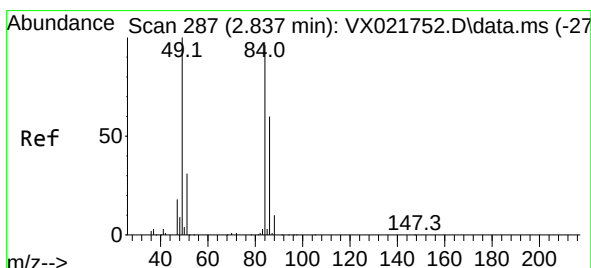
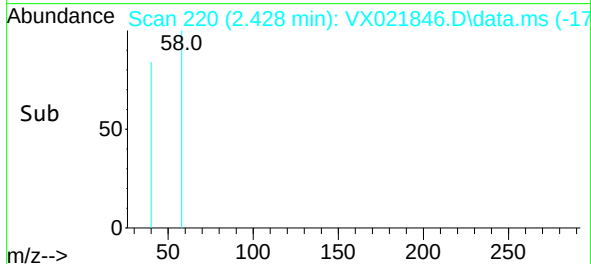
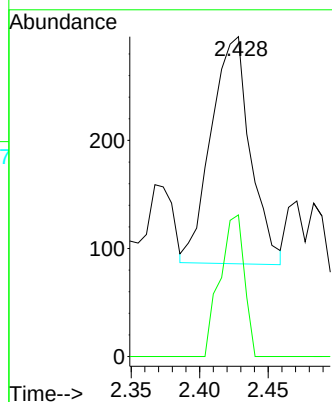
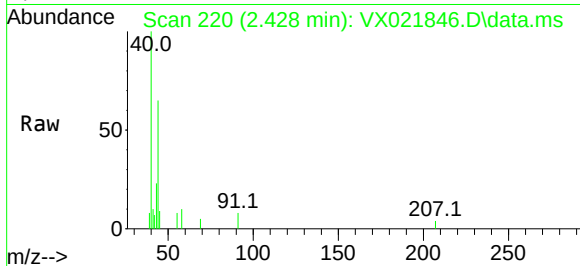




#16
Acetone
Concen: 0.58 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

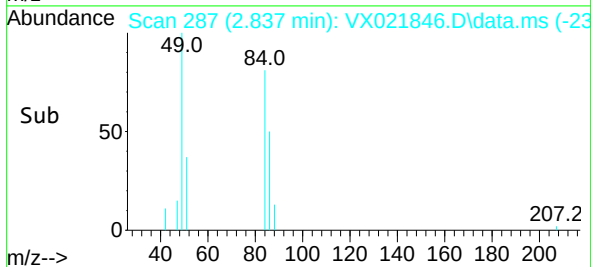
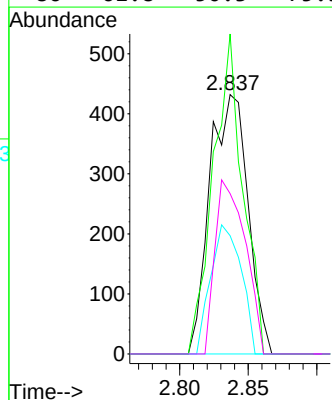
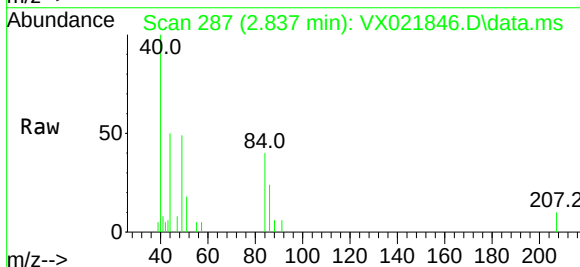
Instrument :
MSVOA_X
ClientSampled :

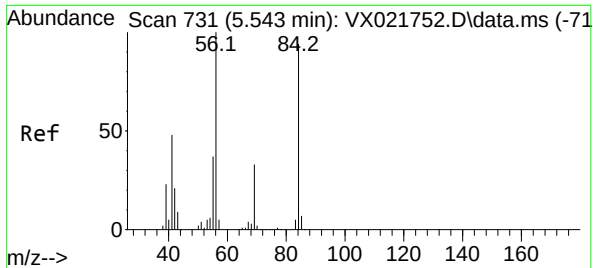
Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 65.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

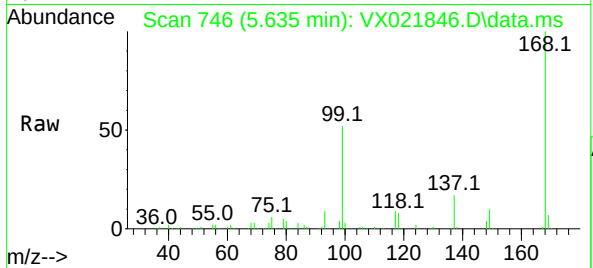
Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
49 123.4 88.6 132.8
51 45.6 27.0 40.6#
86 61.8 50.3 75.5



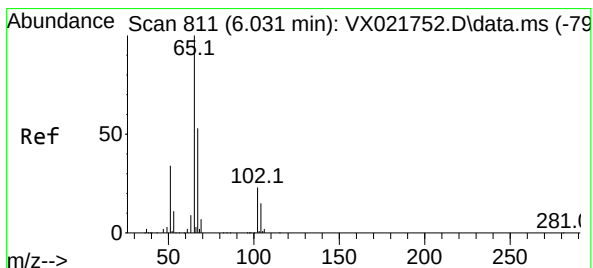
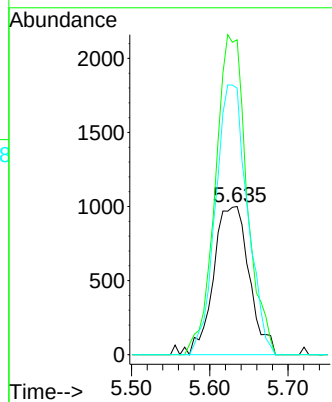
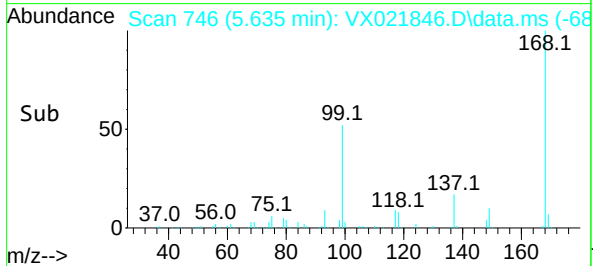


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.092 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

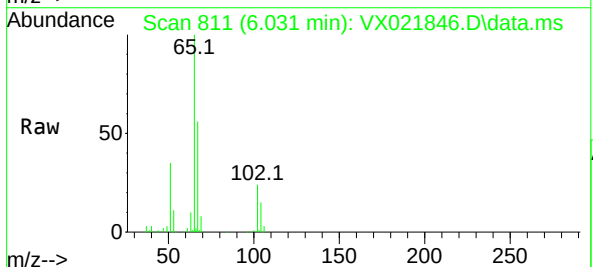
Instrument :
MSVOA_X
ClientSampleId :



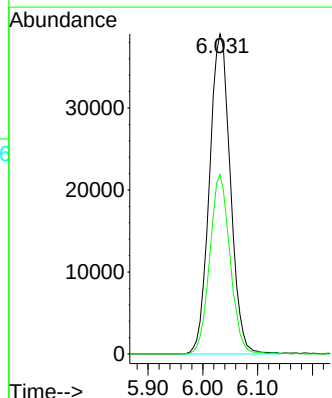
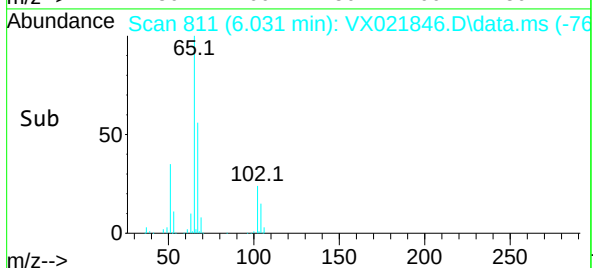
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 212.5 25.3 37.9#
84 179.9 71.4 107.0#

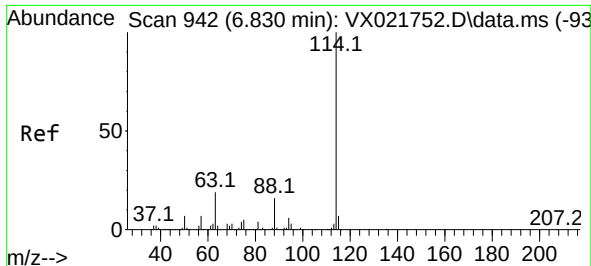


#33
1,2-Dichloroethane-d4
Concen: 49.23 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45



Tgt Ion: 65 Resp: 103175
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4

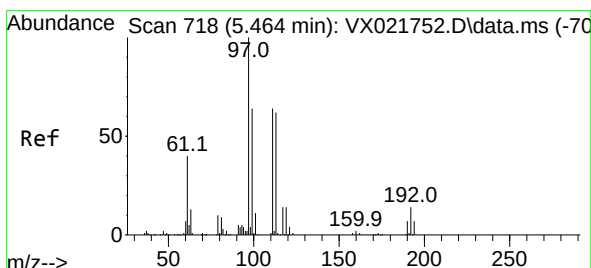
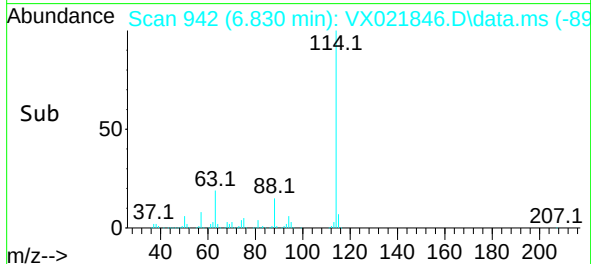
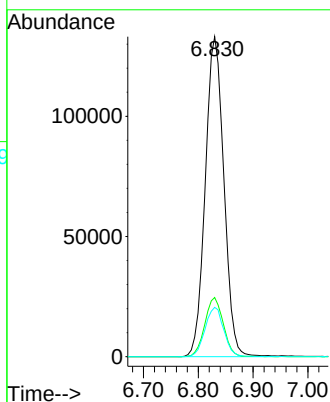
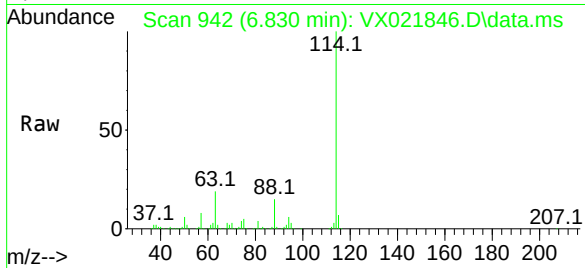




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

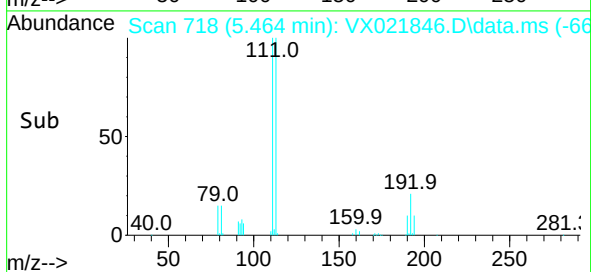
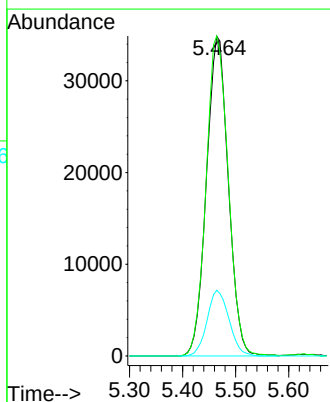
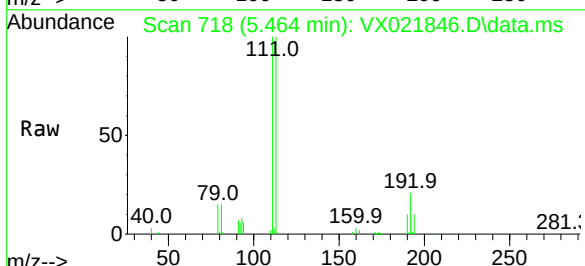
Instrument :
MSVOA_X
ClientSampled :

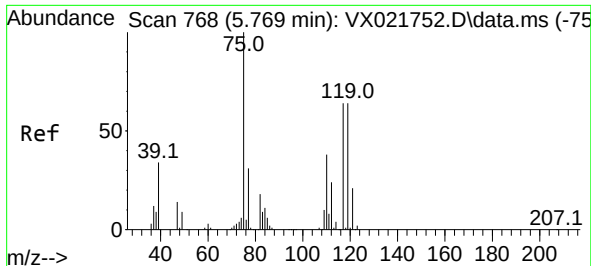
Tgt Ion:114 Resp: 313316
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

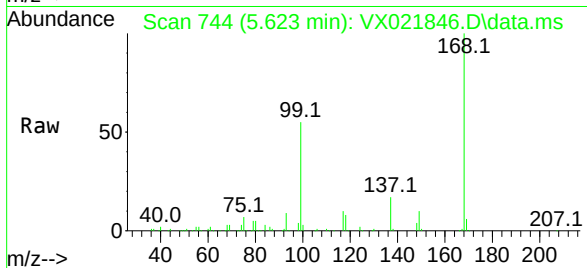
Tgt Ion:113 Resp: 99753
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 20.6 16.7 25.1



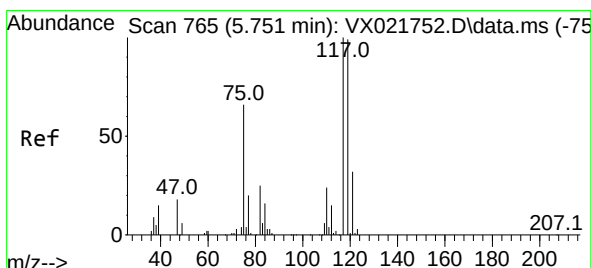
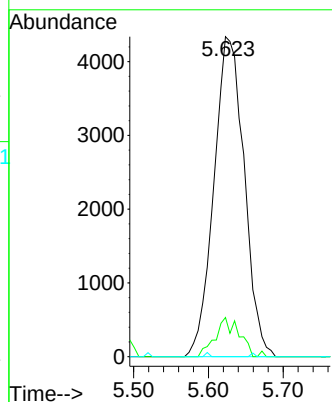
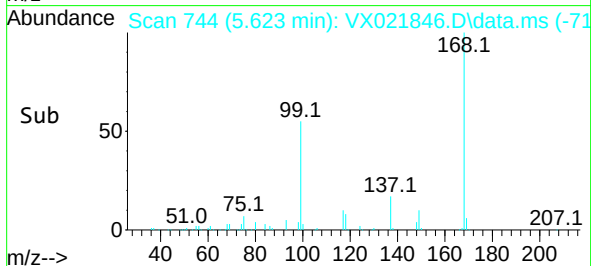


#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

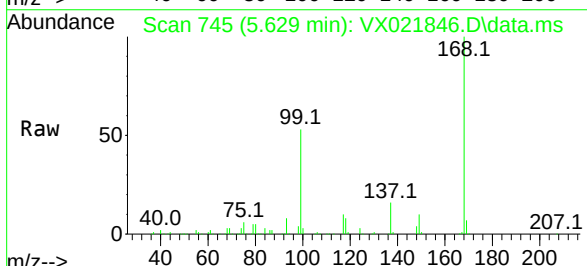
Instrument :
MSVOA_X
ClientSampled :



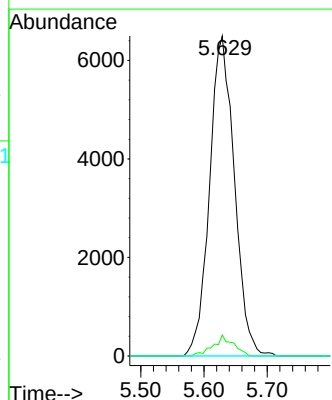
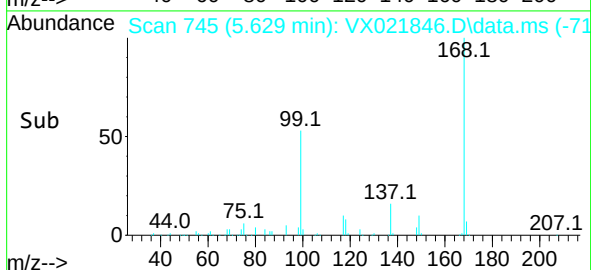
Tgt Ion: 75 Resp: 12232
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#

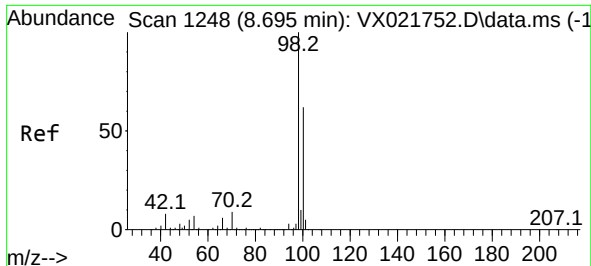


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45



Tgt Ion: 117 Resp: 17696
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

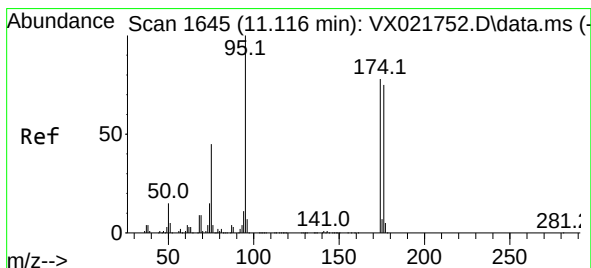
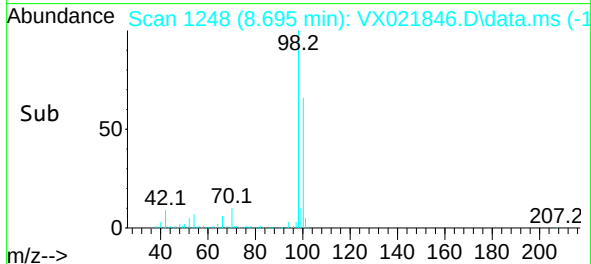
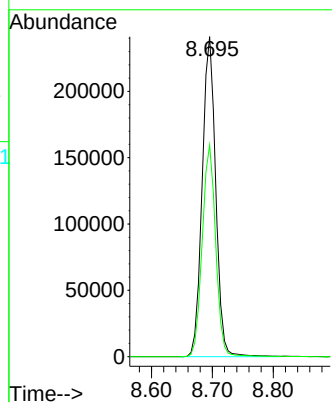
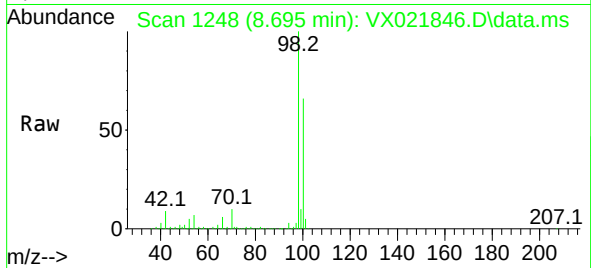




#50
Toluene-d8
Concen: 48.18 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

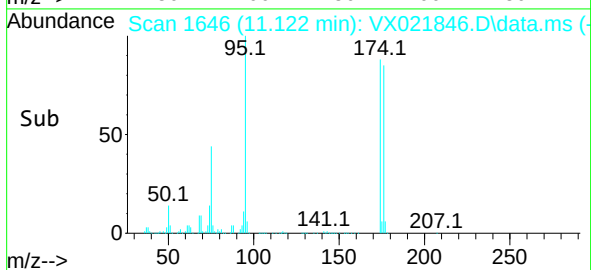
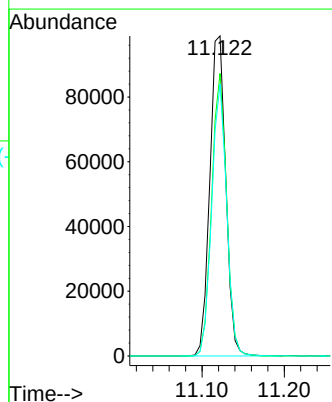
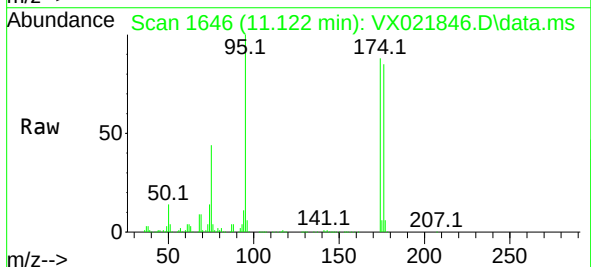
Instrument :
MSVOA_X
ClientSampled :

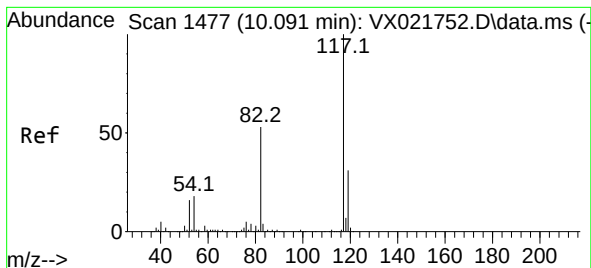
Tgt Ion: 98 Resp: 371190
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 95 Resp: 133120
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 79.8 0.0 155.8

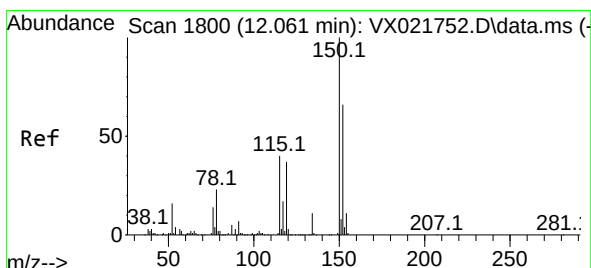
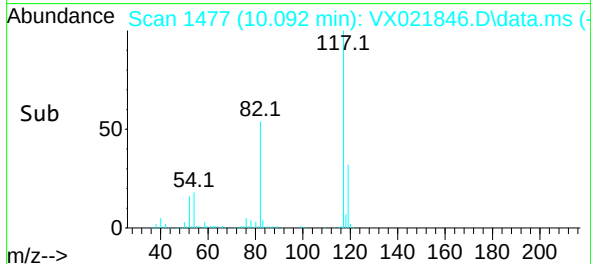
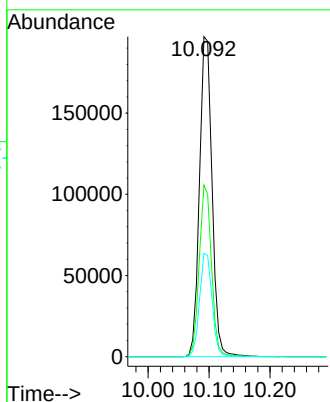
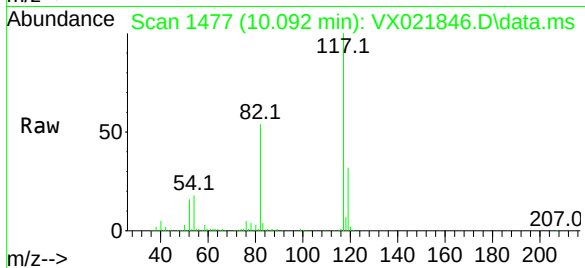




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

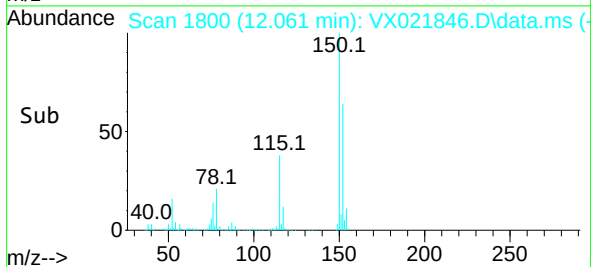
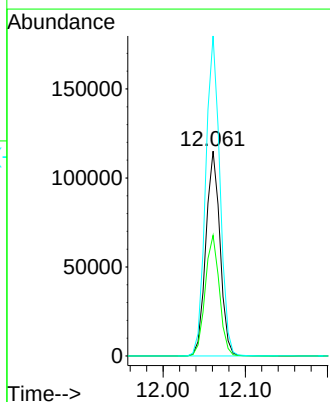
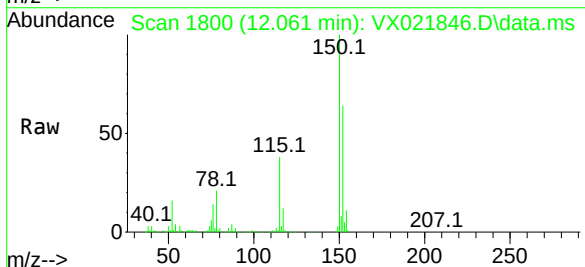
Instrument :
MSVOA_X
ClientSampled :

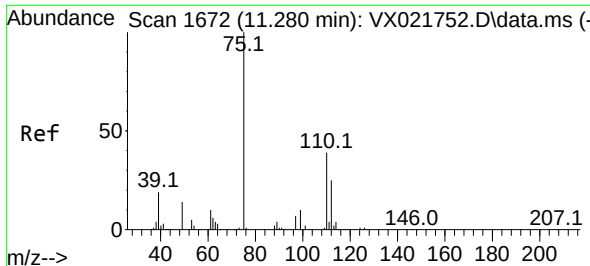
Tgt Ion:117 Resp: 282342
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Tgt Ion:152 Resp: 137405
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 157.3 0.0 349.0

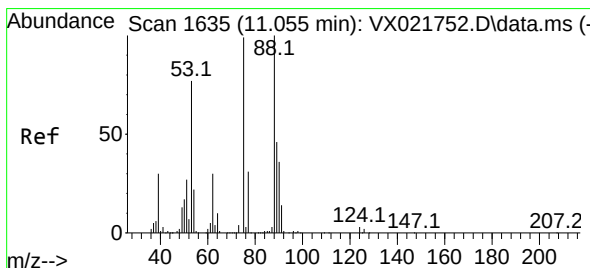
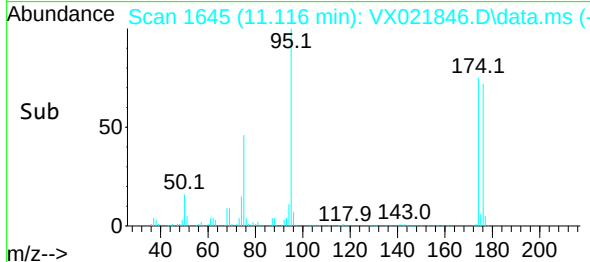
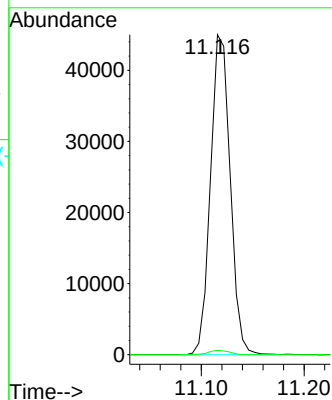
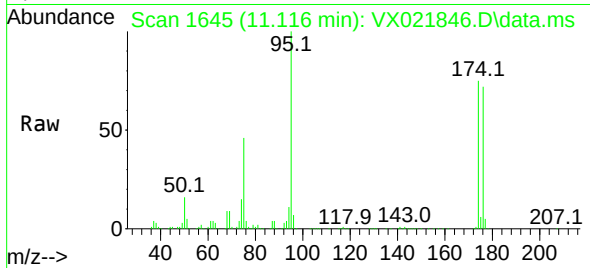




#76
1,2,3-Trichloropropane
Concen: 21.94 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59777
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.45 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021846.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 75 Resp: 59777
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

