

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021857.D
 Acq On : 23 Apr 2021 20:55
 Operator : JC/MD
 Sample : M2138-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:08:07 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)

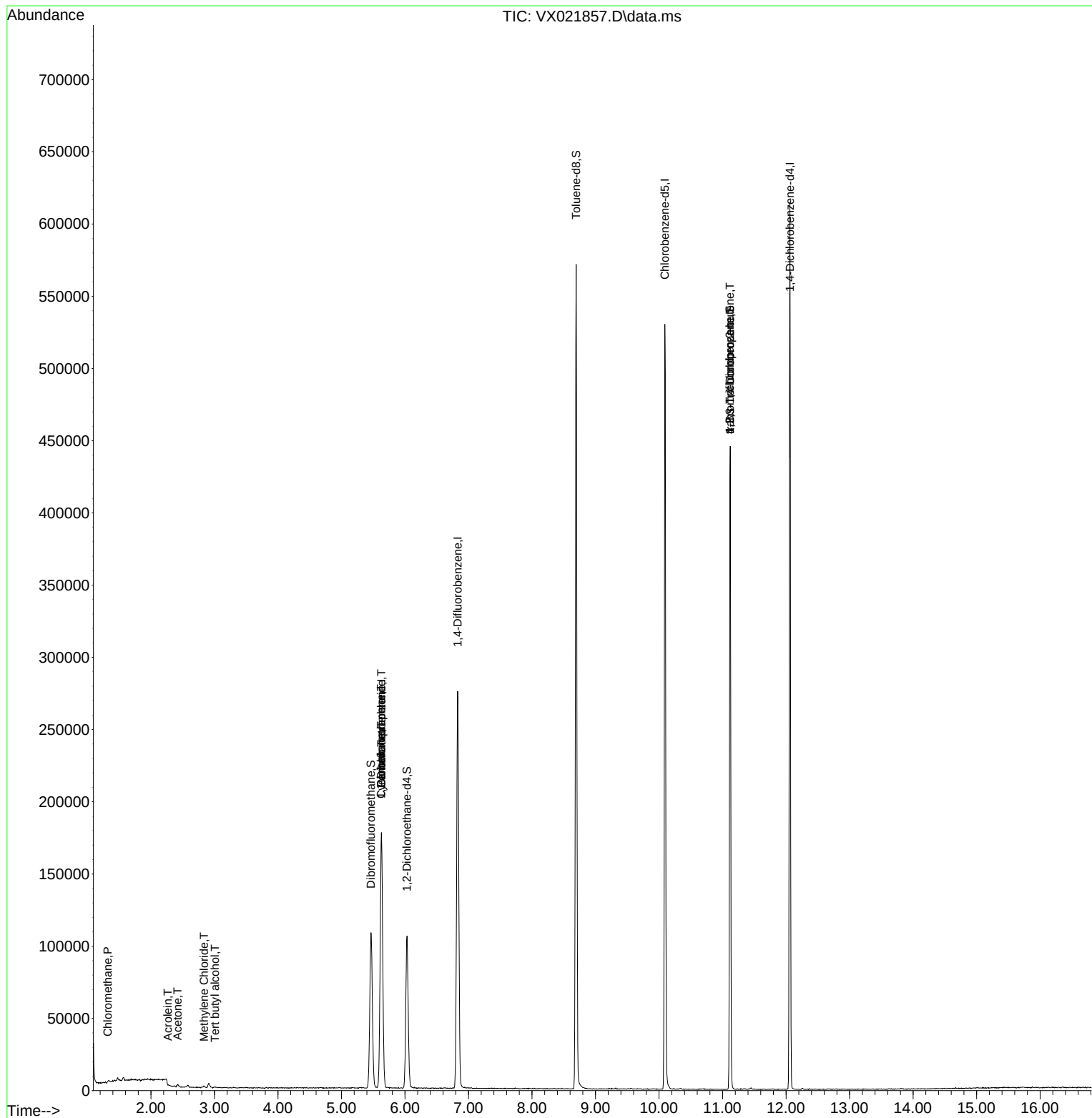
Internal Standards						
1) Pentafluorobenzene	5.629	168	179846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	302943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	272545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	132911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	98535	48.30	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.60%
35) Dibromofluoromethane	5.464	113	95977	49.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.08%
50) Toluene-d8	8.696	98	356184	47.82	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.64%
62) 4-Bromofluorobenzene	11.116	95	128319	46.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.26%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	779	0.64	ug/l #	86
11) Tert butyl alcohol	3.008	59	565	1.26	ug/l	99
13) Acrolein	2.264	56	158	0.44	ug/l #	14
16) Acetone	2.416	43	1745	2.49	ug/l	92
20) Methylene Chloride	2.837	84	554	0.26	ug/l #	86
31) Cyclohexane	5.623	56	2928	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11570	4.33	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16332	5.58	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	57435	21.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	57435	50.11	ug/l #	12

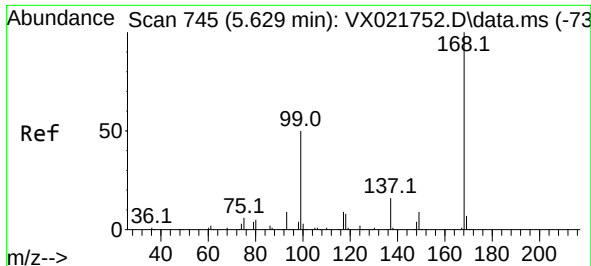
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 04:08:07 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

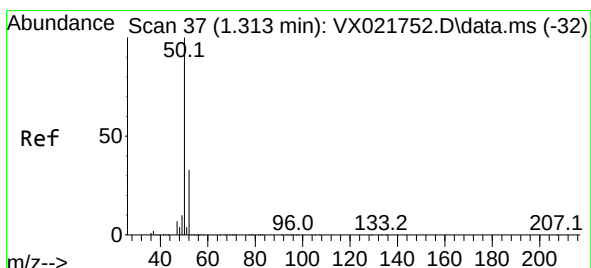
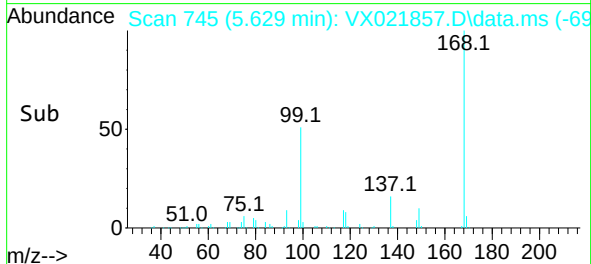
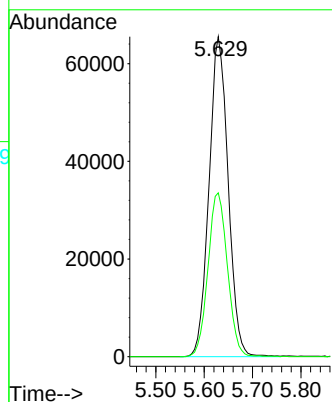
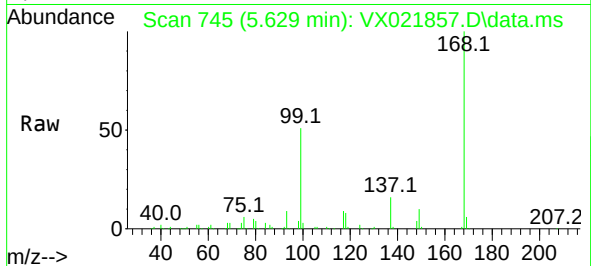




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

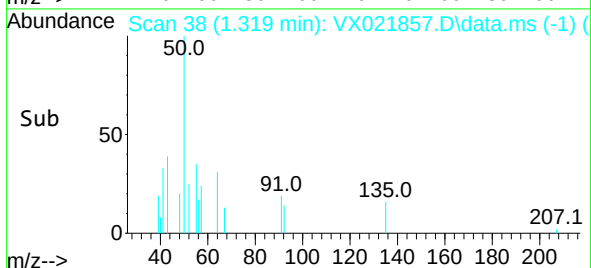
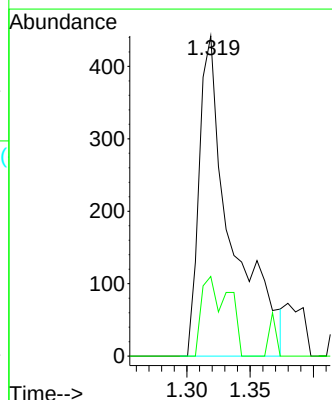
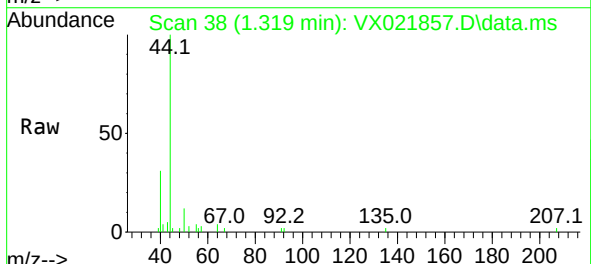
Instrument :
MSVOA_X
ClientSampleId :

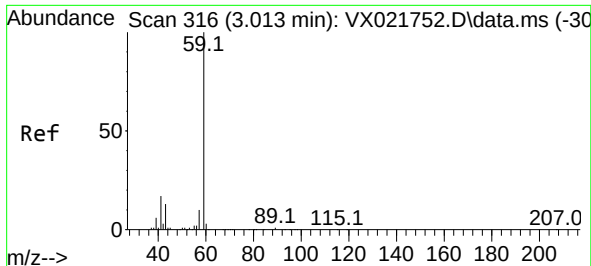
Tgt Ion:168 Resp: 179846
Ion Ratio Lower Upper
168 100
99 51.2 45.8 68.6



#3
Chloromethane
Concen: 0.64 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Tgt Ion: 50 Resp: 779
Ion Ratio Lower Upper
50 100
52 24.9 26.4 39.6#



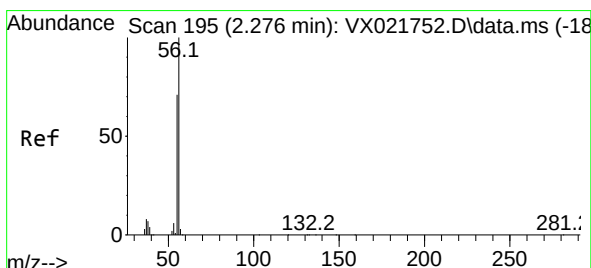
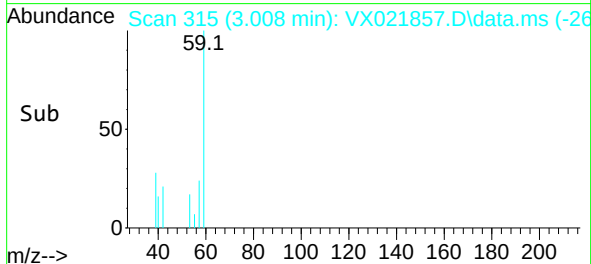
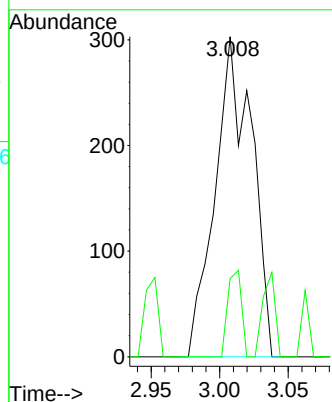
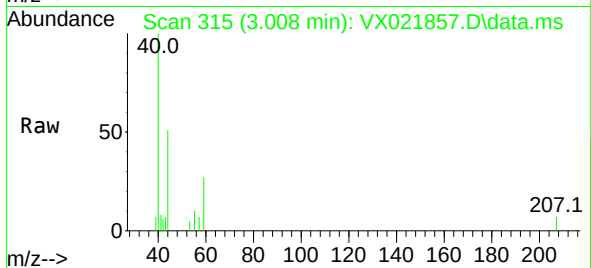


#11

Tert butyl alcohol
Concen: 1.26 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.005 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Instrument :
MSVOA_X
ClientSampled :

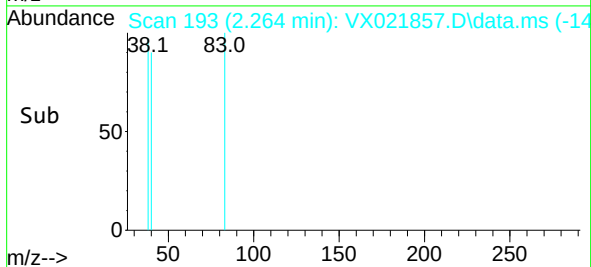
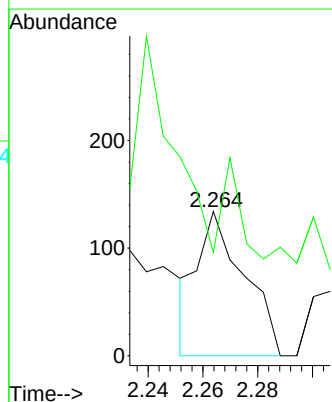
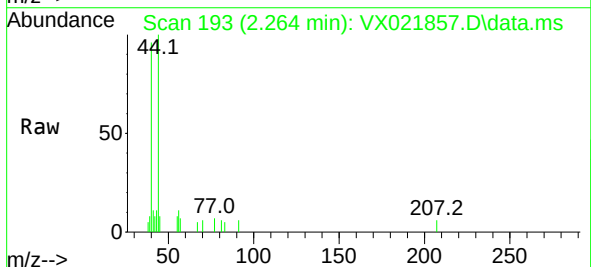
Tgt Ion: 59 Resp: 565
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

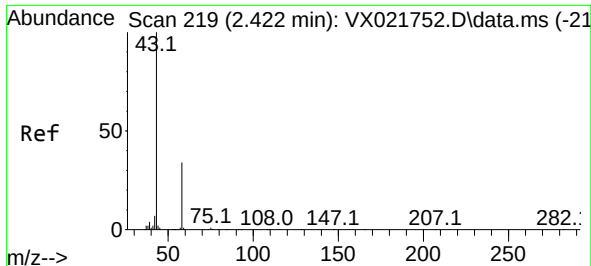


#13

Acrolein
Concen: 0.44 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.012 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

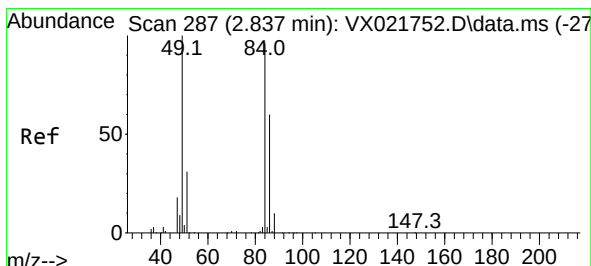
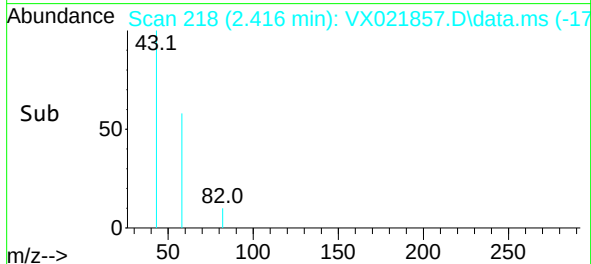
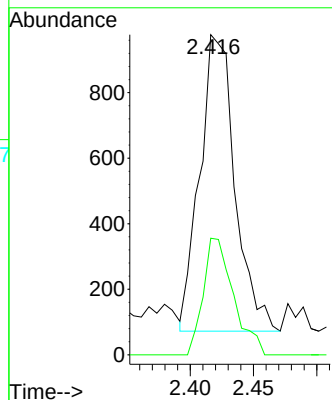
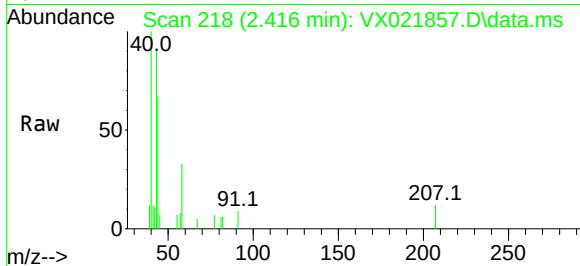




#16
Acetone
Concen: 2.49 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

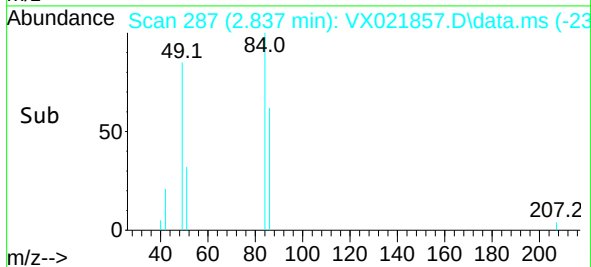
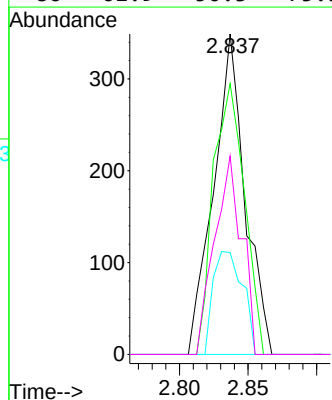
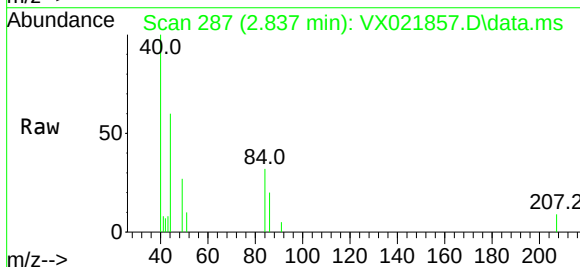
Instrument :
MSVOA_X
ClientSampleId :

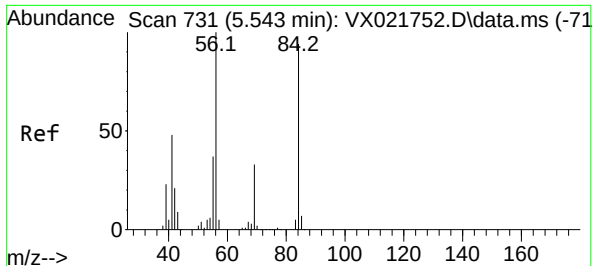
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 39.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

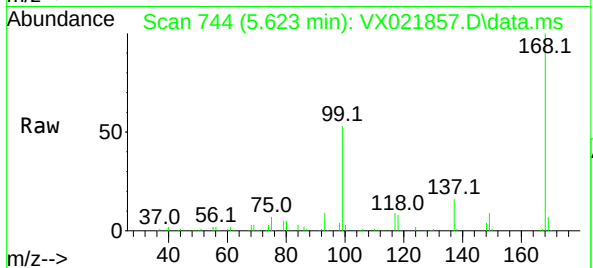
Tgt Ion: 84 Resp: 554
Ion Ratio Lower Upper
84 100
49 84.5 88.6 132.8#
51 31.8 27.0 40.6
86 61.9 50.3 75.5



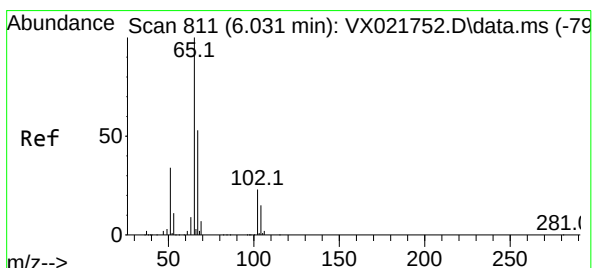
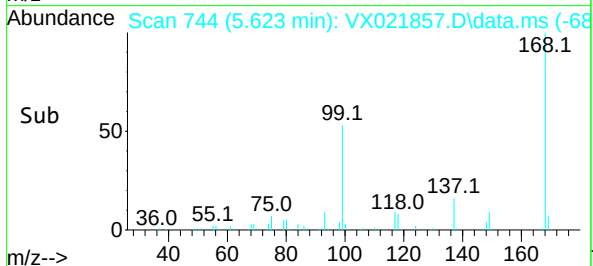
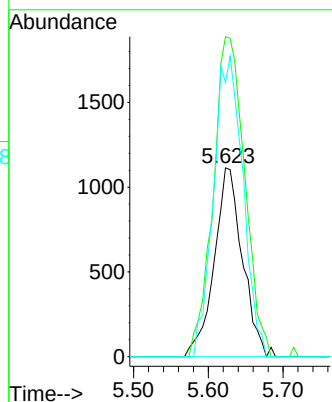


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Instrument :
MSVOA_X
ClientSampleId :

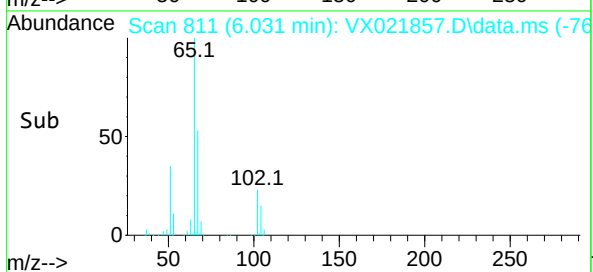
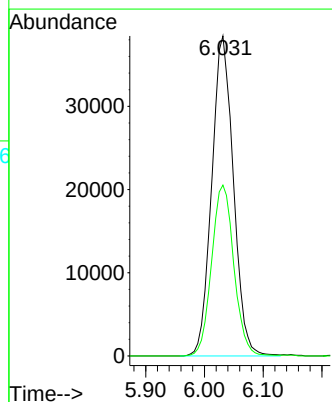
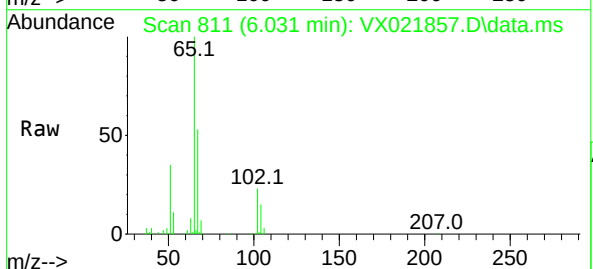


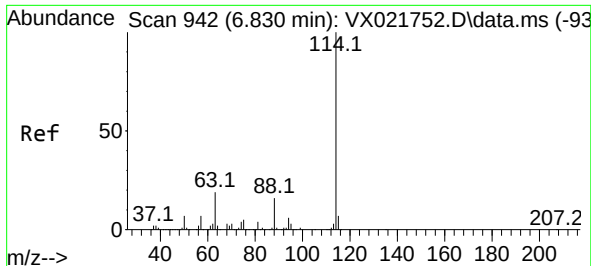
Tgt Ion: 56 Resp: 2928
Ion Ratio Lower Upper
56 100
69 169.5 25.3 37.9#
84 145.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.30 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

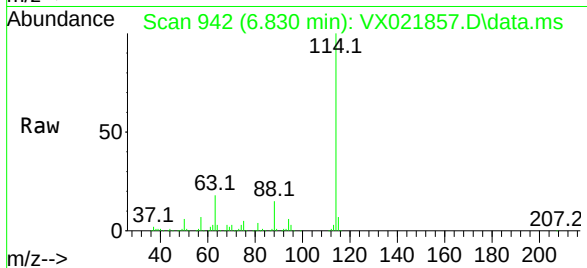
Tgt Ion: 65 Resp: 98535
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4



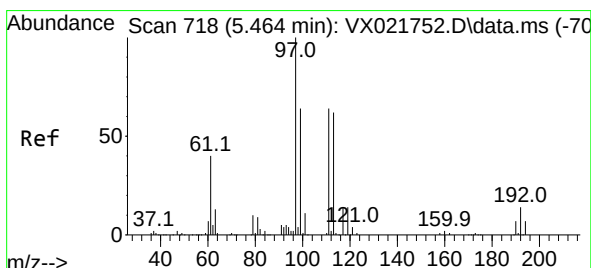
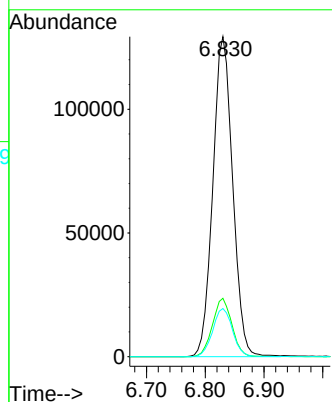
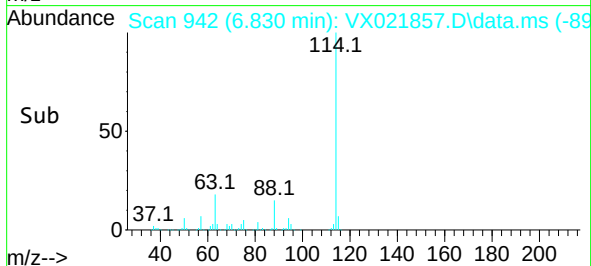


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

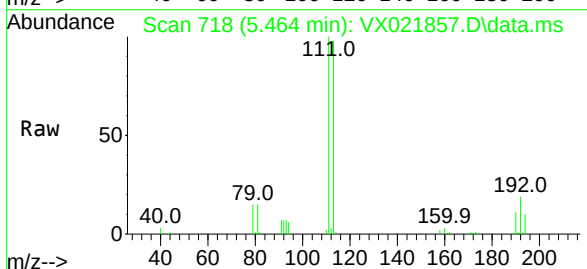
Instrument :
MSVOA_X
ClientSampleId :



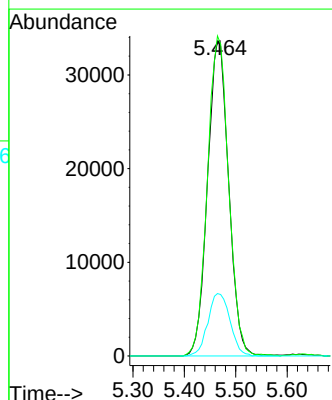
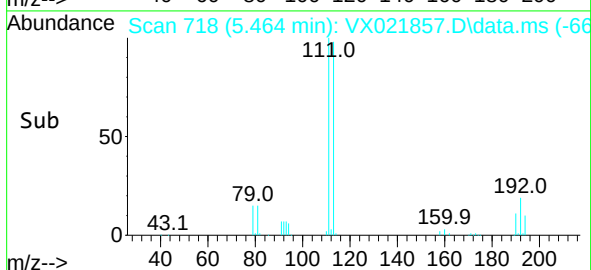
Tgt Ion:114 Resp: 302943
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 15.1 0.0 32.8

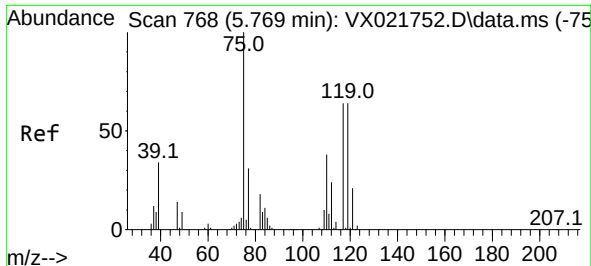


#35
Dibromofluoromethane
Concen: 49.54 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55



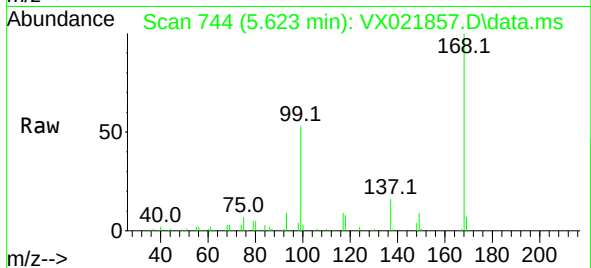
Tgt Ion:113 Resp: 95977
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.8 16.7 25.1



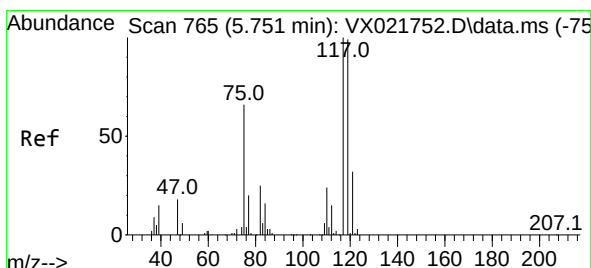
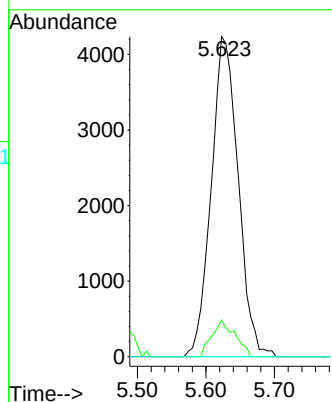
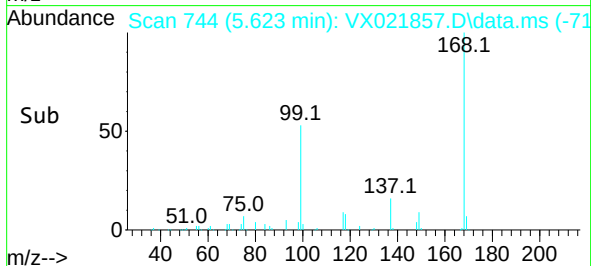


#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

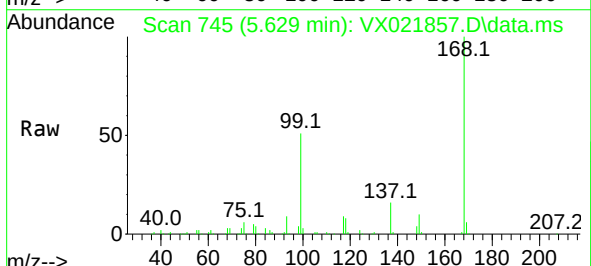
Instrument :
MSVOA_X
ClientSampleId :



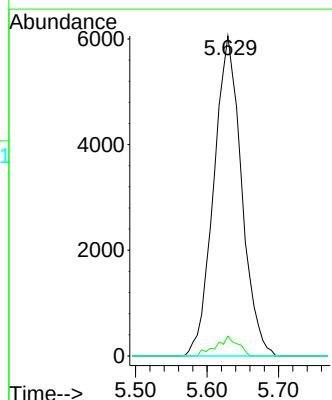
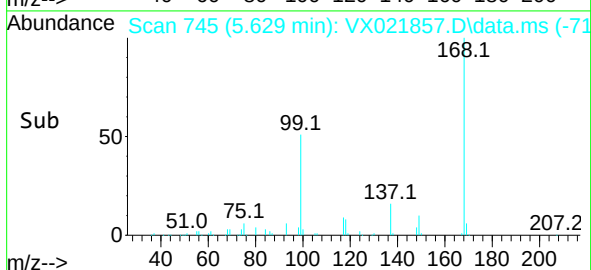
Tgt Ion: 75 Resp: 11570
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#

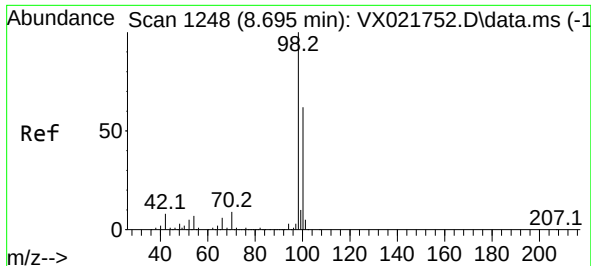


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55



Tgt Ion: 117 Resp: 16332
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

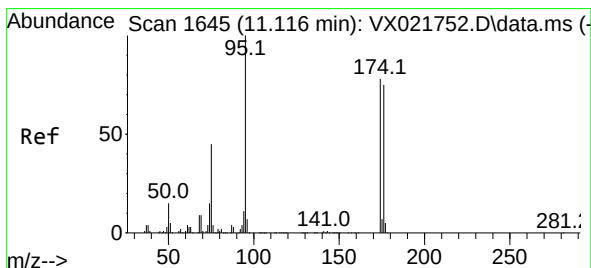
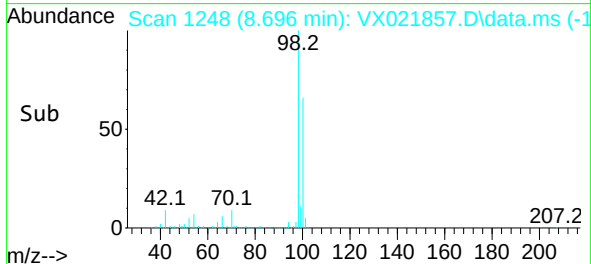
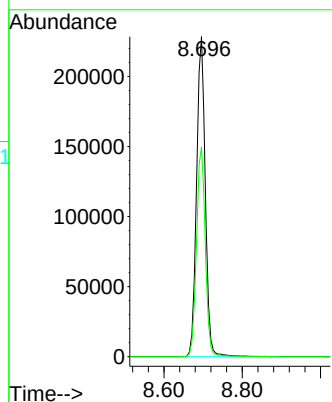
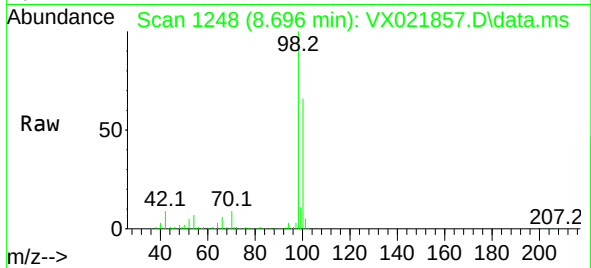




#50
Toluene-d8
Concen: 47.82 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

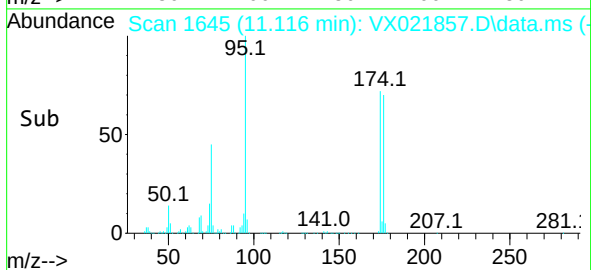
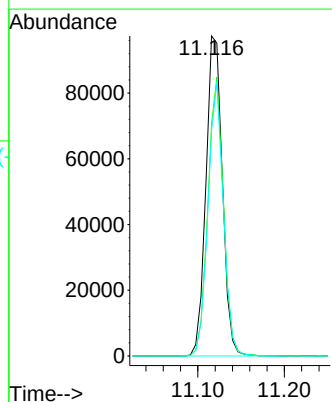
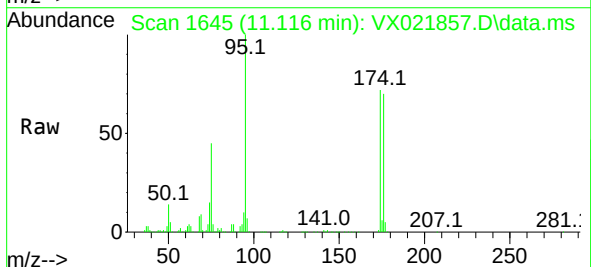
Instrument :
MSVOA_X
ClientSampled :

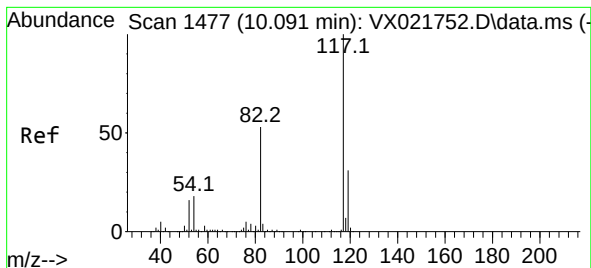
Tgt Ion: 98 Resp: 356184
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.13 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Tgt Ion: 95 Resp: 128319
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 80.1 0.0 155.8

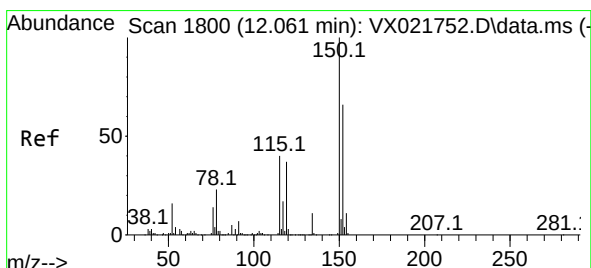
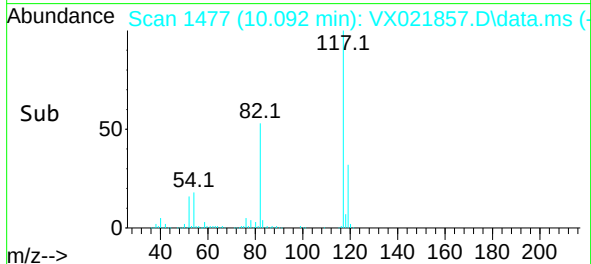
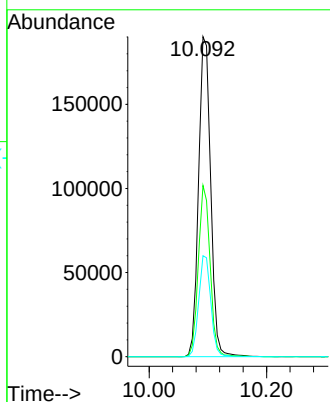
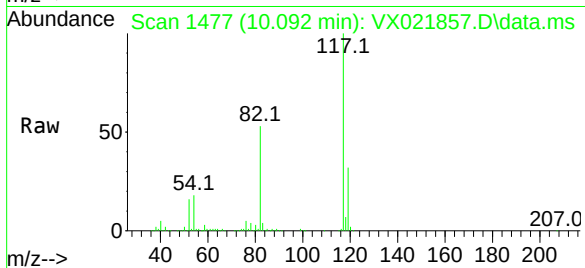




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

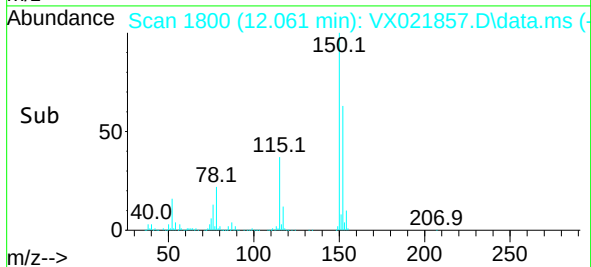
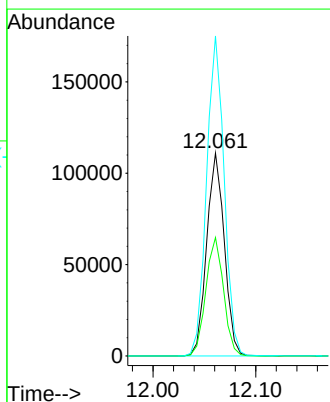
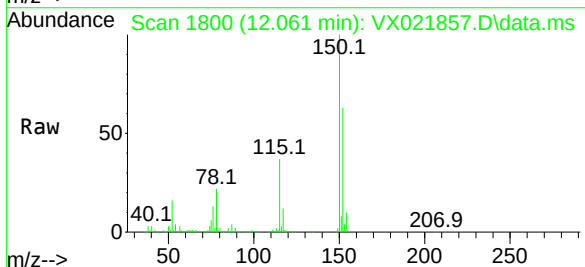
Instrument :
MSVOA_X
ClientSampled :

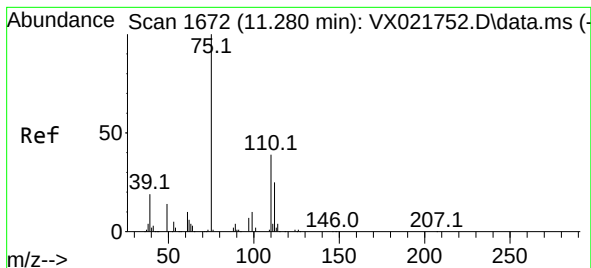
Tgt Ion:117 Resp: 272545
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Tgt Ion:152 Resp: 132911
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 157.2 0.0 349.0

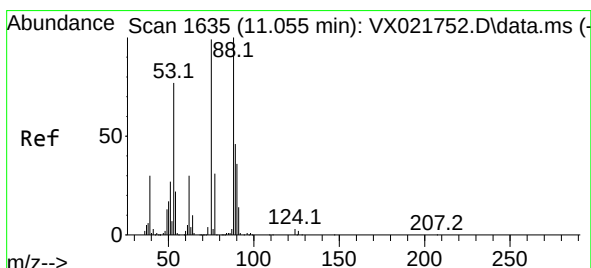
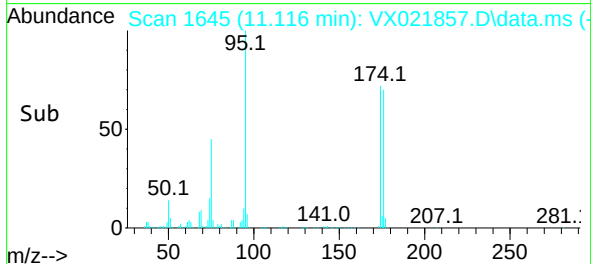
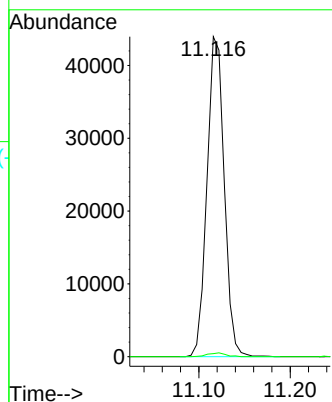
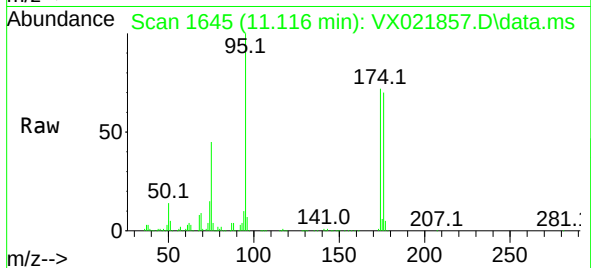




#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57435
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.11 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021857.D
Acq: 23 Apr 2021 20:55

Tgt Ion: 75 Resp: 57435
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

