

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021823.D
 Acq On : 22 Apr 2021 17:42
 Operator : JC/MD
 Sample : M2138-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:44:53 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)

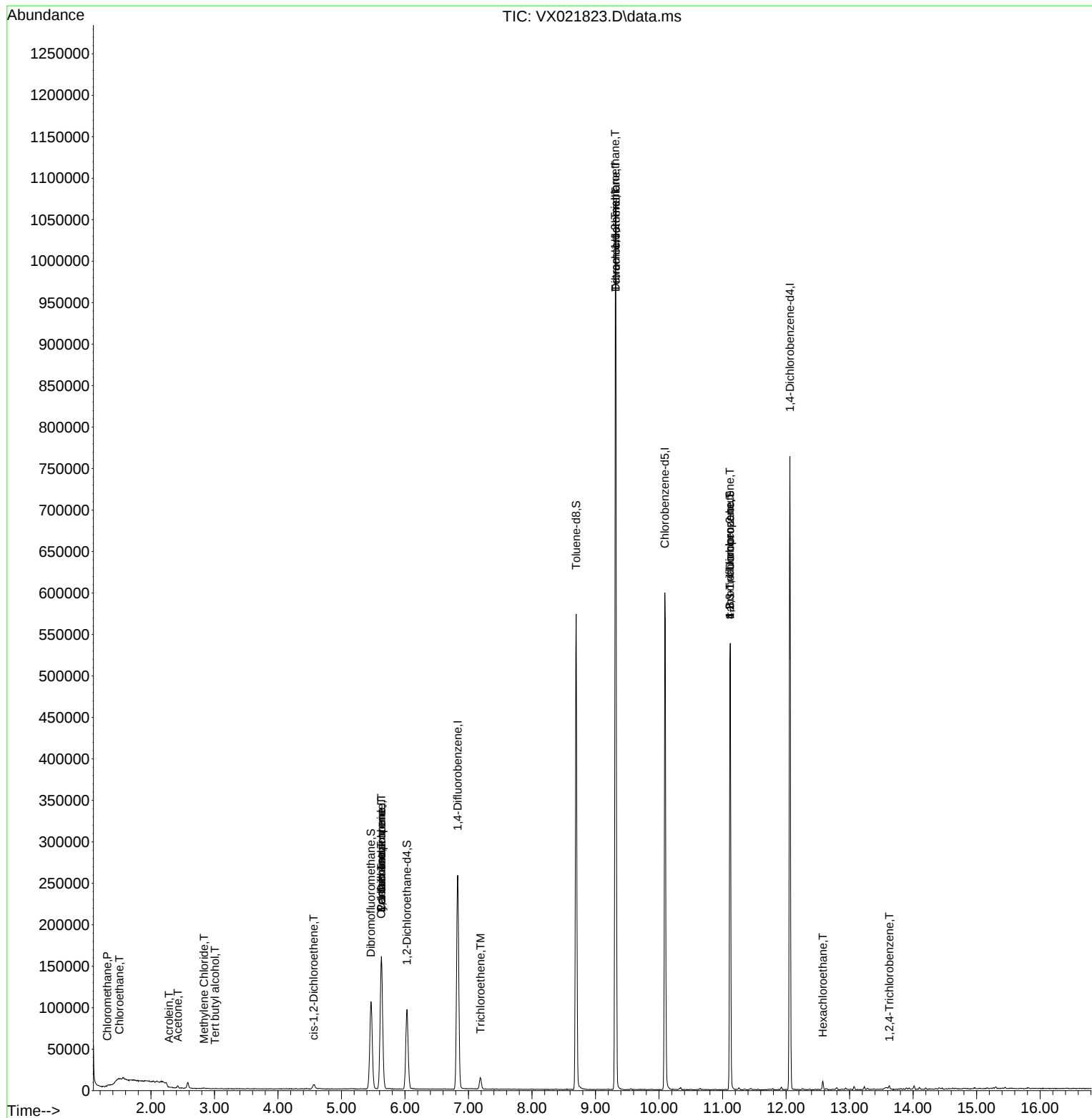
Internal Standards						
1) Pentafluorobenzene	5.629	168	158753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	287128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	305238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	90958	50.51	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.02%	
35) Dibromofluoromethane	5.464	113	93259	50.79	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.58%	
50) Toluene-d8	8.695	98	352534	49.93	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.86%	
62) 4-Bromofluorobenzene	11.116	95	153447	58.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	557	0.58	ug/l	88
6) Chloroethane	1.502	64	13994	12.17	ug/l #	49
11) Tert butyl alcohol	3.007	59	129	0.33	ug/l #	7
13) Acrolein	2.282	56	124	0.39	ug/l #	14
16) Acetone	2.422	43	2722	4.40	ug/l	97
20) Methylene Chloride	2.837	84	413	0.22	ug/l #	61
27) cis-1,2-Dichloroethene	4.562	96	3732	1.95	ug/l	84
31) Cyclohexane	5.623	56	2822	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10487	4.14	ug/l #	49
38) Carbon Tetrachloride	5.629	117	15054	5.42	ug/l #	15
44) Trichloroethene	7.190	130	5539	2.51	ug/l	99
55) 1,1,2-Trichloroethane	9.311	97	1841	0.91	ug/l #	1
60) Dibromochloromethane	9.317	129	207990	85.07	ug/l #	11
64) Tetrachloroethene	9.317	164	215274	90.20	ug/l	96
76) 1,2,3-Trichloropropane	11.116	75	70119	21.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	70119	49.40	ug/l #	12
90) Hexachloroethane	12.579	117	1610	0.83	ug/l	99
93) 1,2,4-Trichlorobenzene	13.628	180	1015	0.28	ug/l #	88

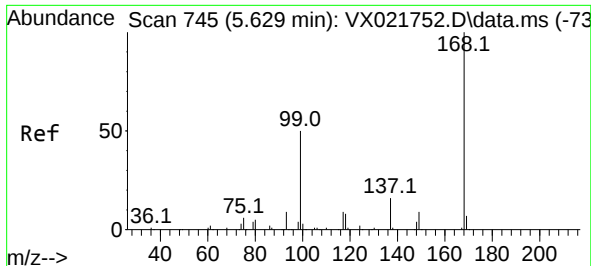
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
Data File : VX021823.D
Acq On : 22 Apr 2021 17:42
Operator : JC/MD
Sample : M2138-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 23 07:44:53 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

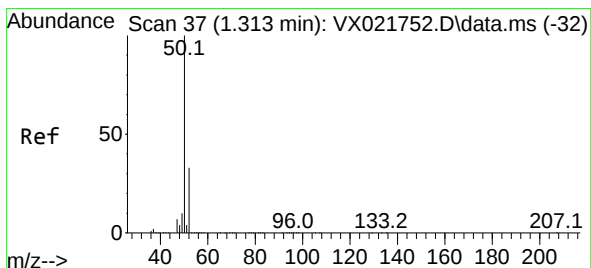
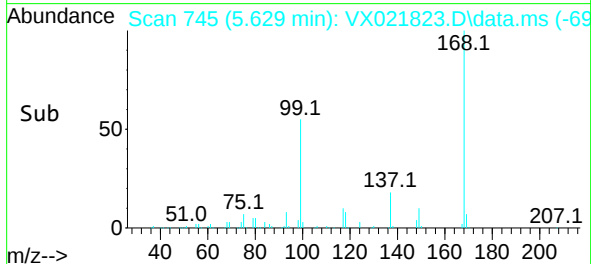
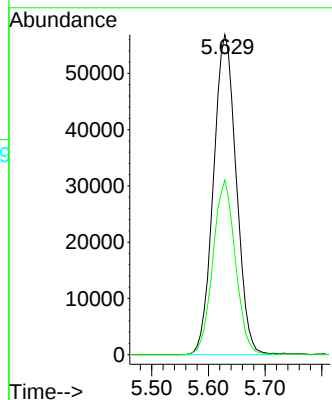
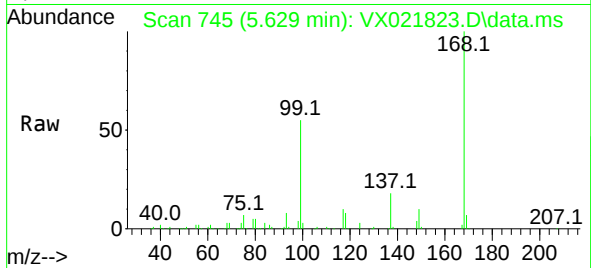




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

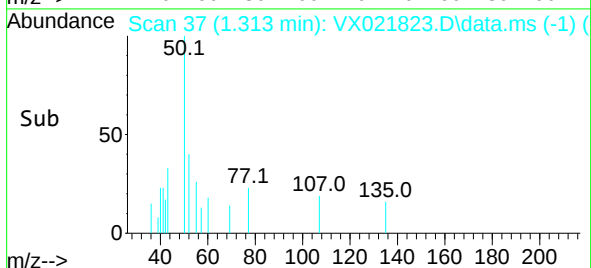
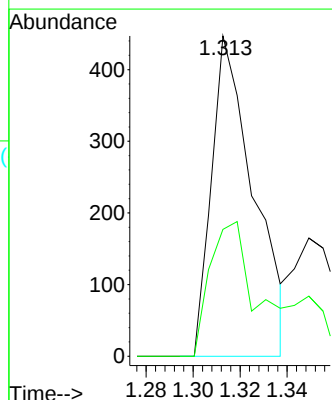
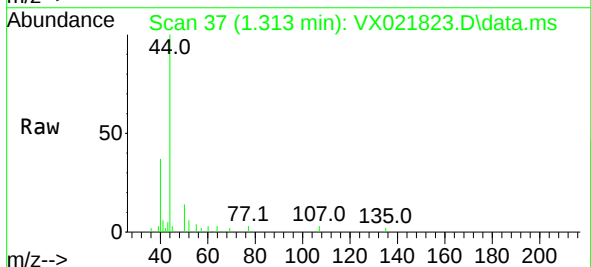
Instrument :
MSVOA_X
ClientSampleId :

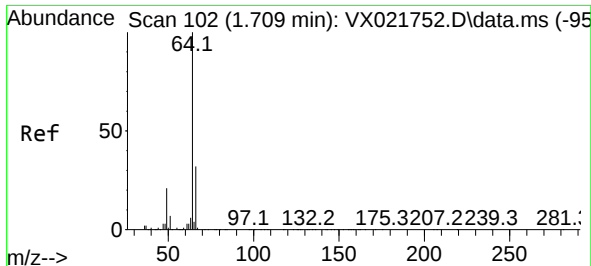
Tgt Ion:168 Resp: 158753
Ion Ratio Lower Upper
168 100
99 54.6 45.8 68.6



#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 39.6 26.4 39.6

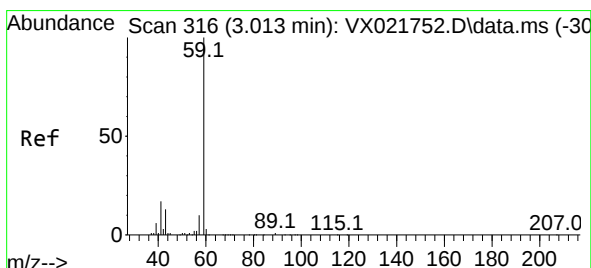
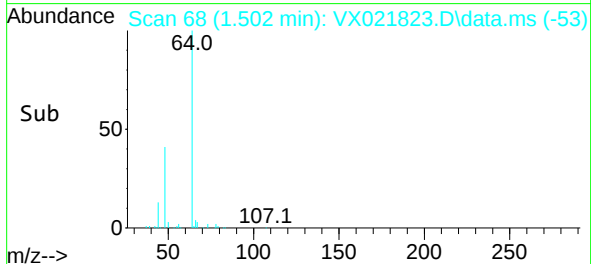
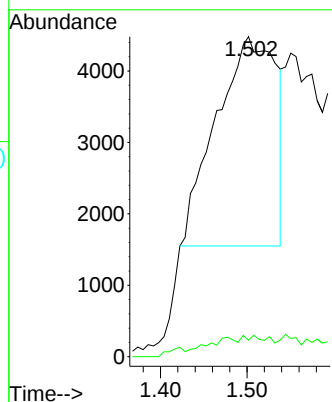
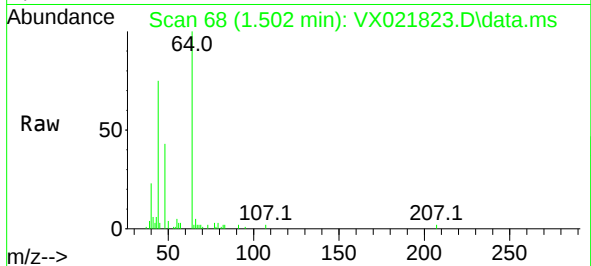




#6
Chloroethane
Concen: 12.17 ug/l
RT: 1.502 min Scan# 68
Delta R.T. -0.207 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

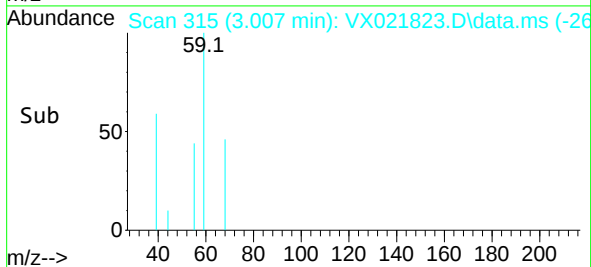
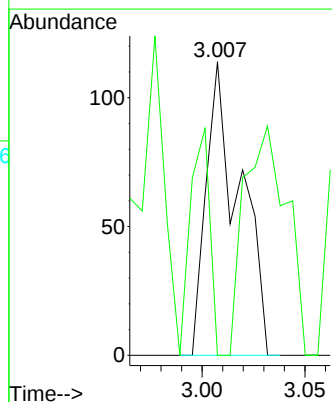
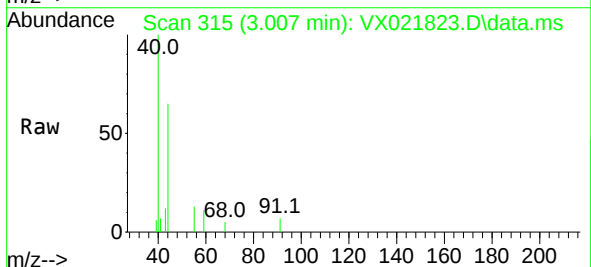
Instrument :
MSVOA_X
ClientSampled :

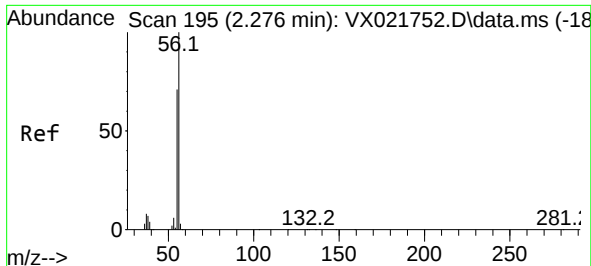
Tgt Ion: 64 Resp: 13994
Ion Ratio Lower Upper
64 100
66 3.4 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 44.2 7.8 11.8#

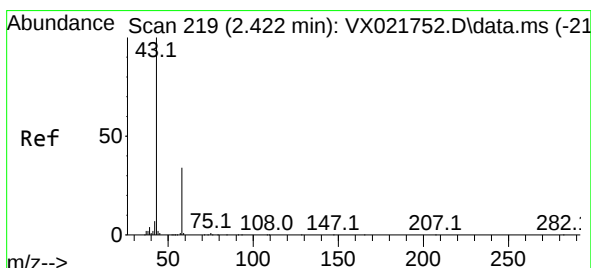
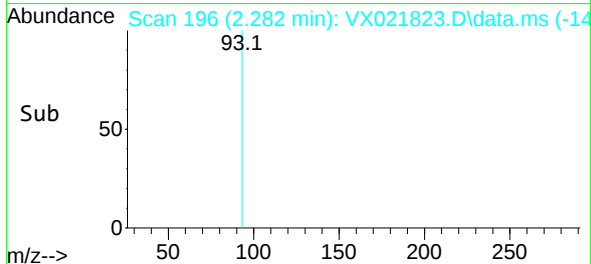
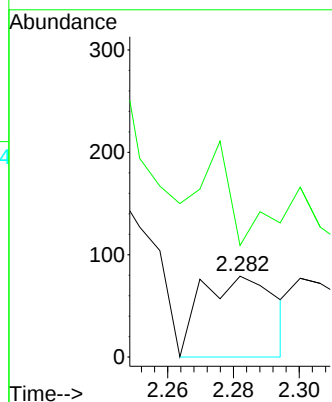
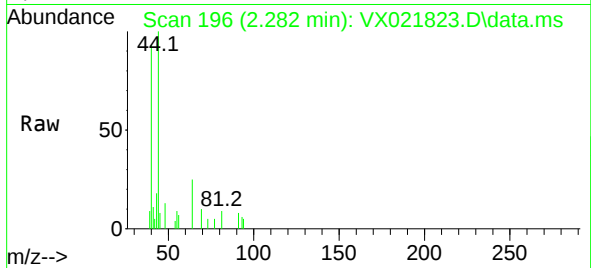




#13
Acrolein
Concen: 0.39 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.006 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

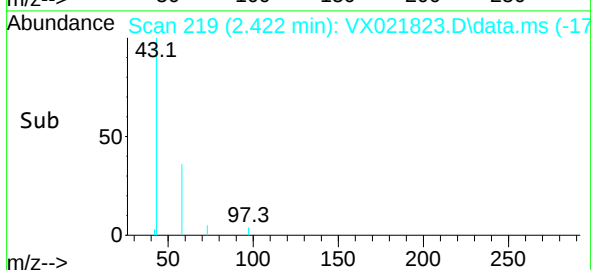
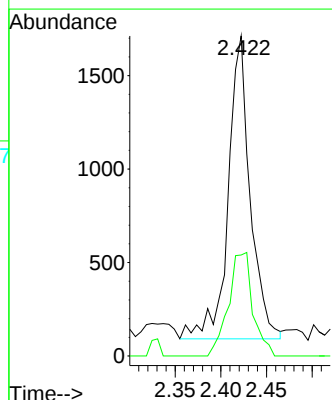
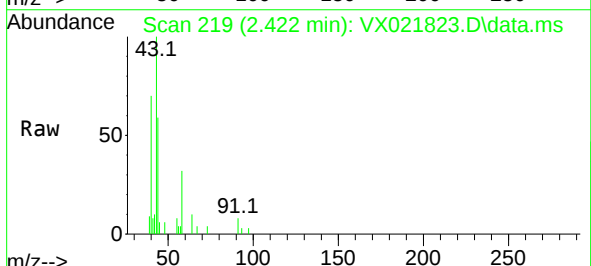
Instrument :
MSVOA_X
ClientSampleId :

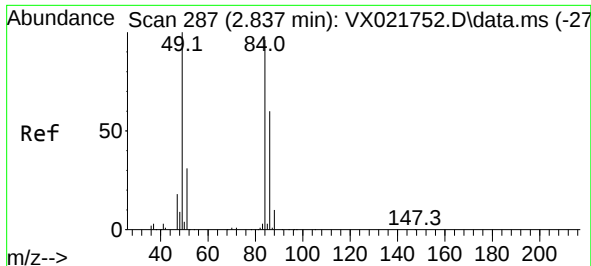
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.40 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8

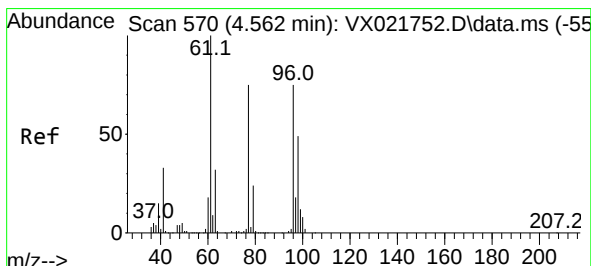
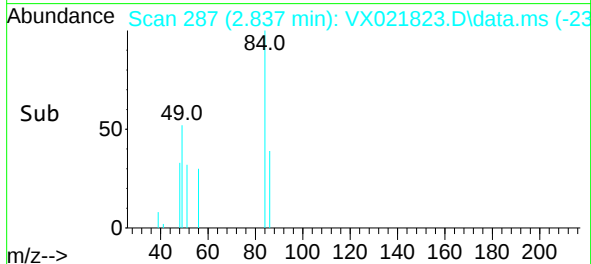
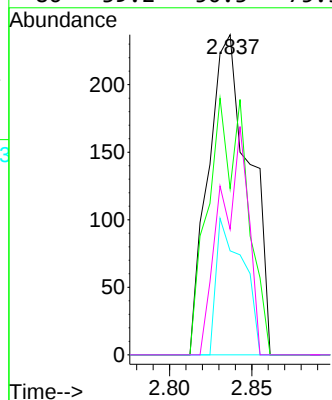
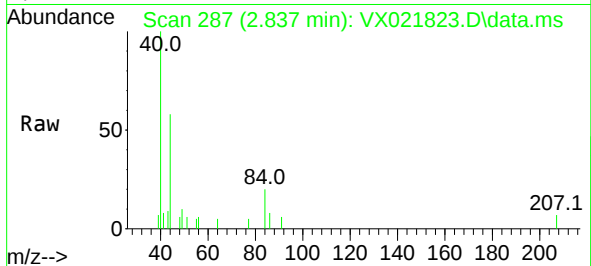




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

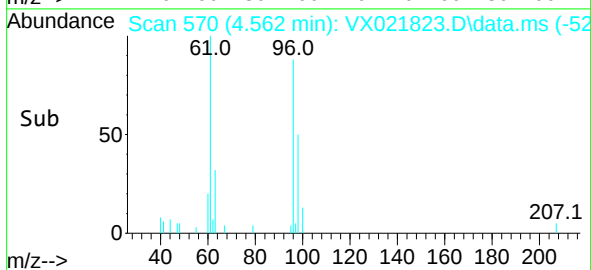
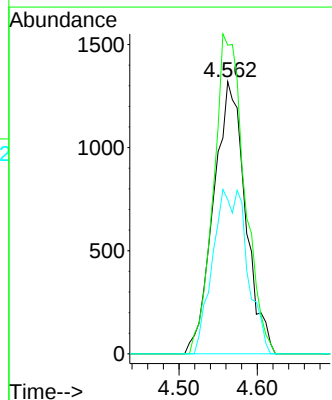
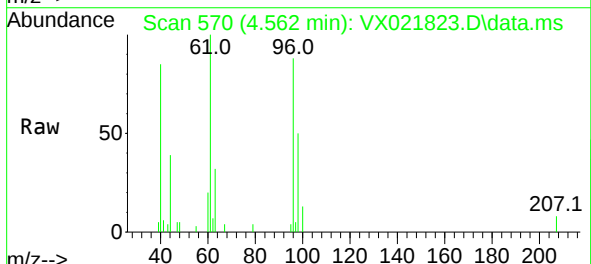
Instrument :
MSVOA_X
ClientSampleId :

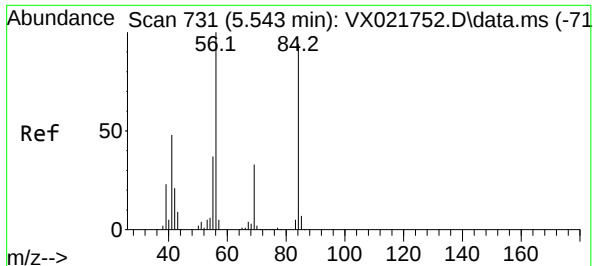
Tgt Ion:	84	Resp:	413
Ion	Ratio	Lower	Upper
84	100		
49	51.9	88.6	132.8#
51	32.5	27.0	40.6
86	39.2	50.3	75.5#



#27
cis-1,2-Dichloroethene
Concen: 1.95 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

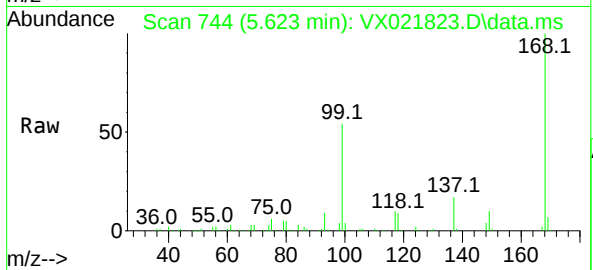
Tgt Ion:	96	Resp:	3732
Ion	Ratio	Lower	Upper
96	100		
61	114.1	0.0	285.6
98	65.2	0.0	129.6



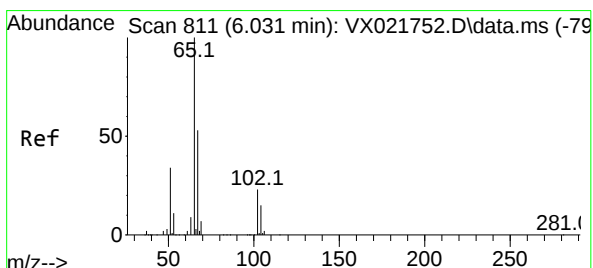
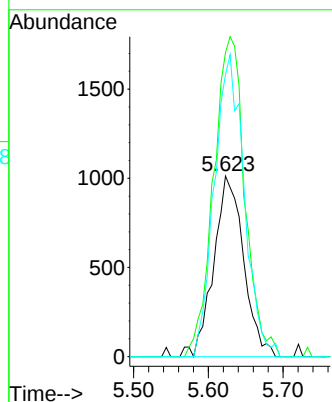
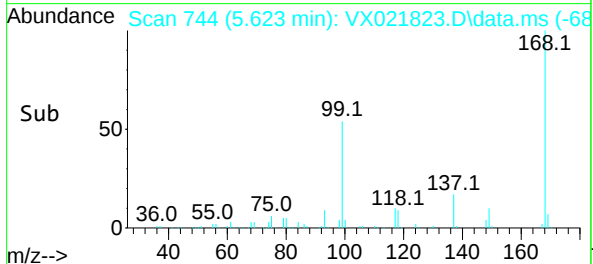


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

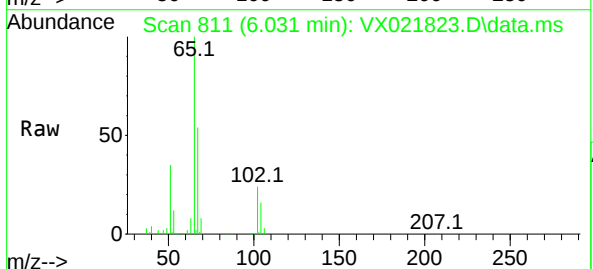
Instrument :
MSVOA_X
ClientSampleId :



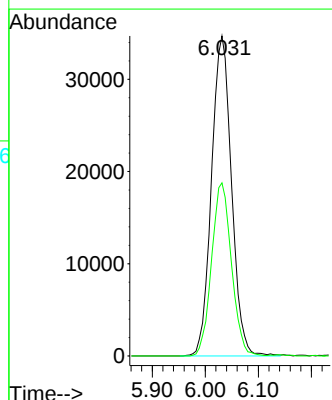
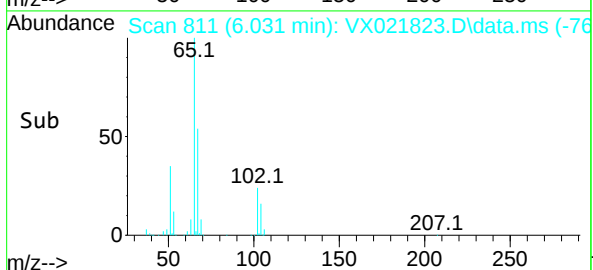
Tgt Ion: 56 Resp: 2822
Ion Ratio Lower Upper
56 100
69 168.2 25.3 37.9#
84 156.1 71.4 107.0#

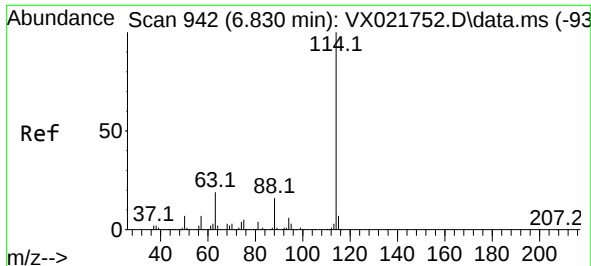


#33
1,2-Dichloroethane-d4
Concen: 50.51 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42



Tgt Ion: 65 Resp: 90958
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

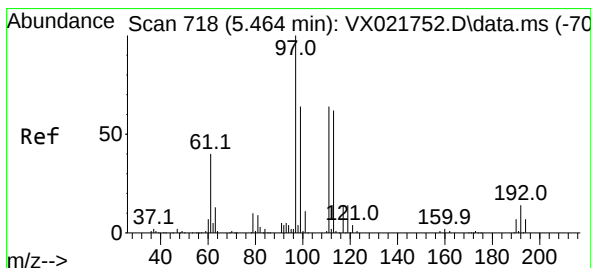
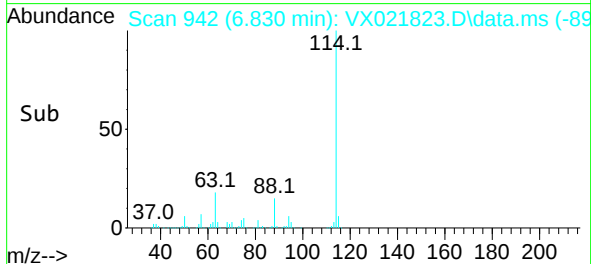
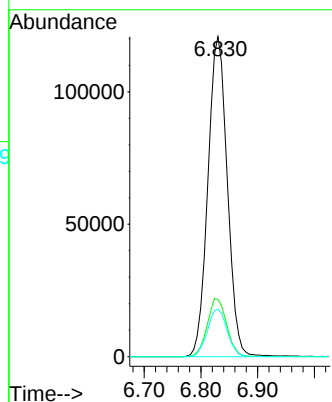
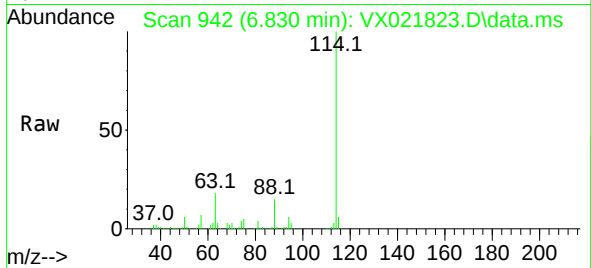




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

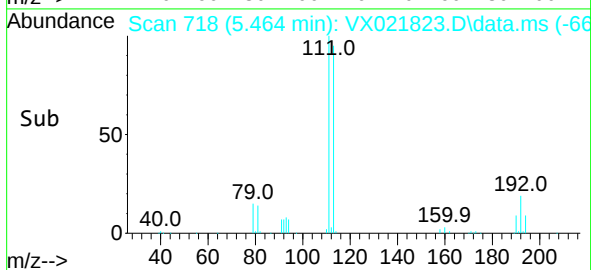
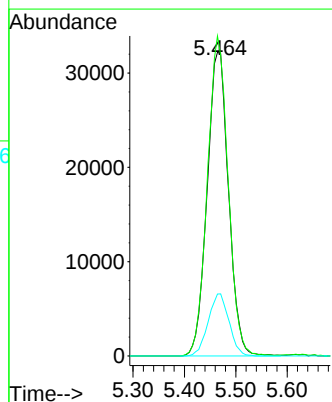
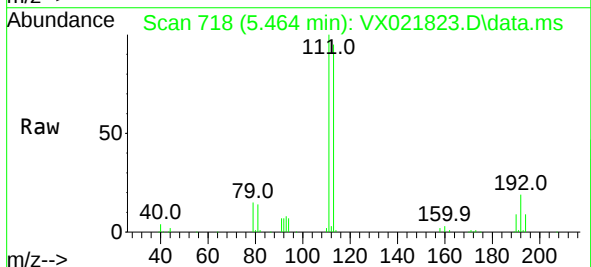
Instrument :
MSVOA_X
ClientSampleId :

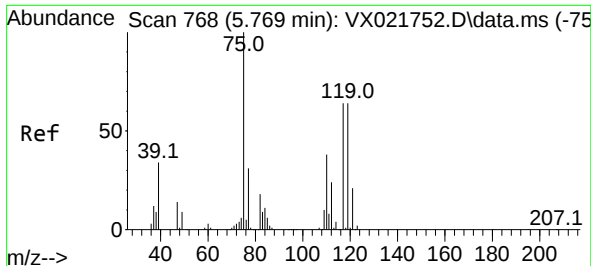
Tgt Ion:114 Resp: 287128
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 14.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion:113 Resp: 93259
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.8 16.7 25.1

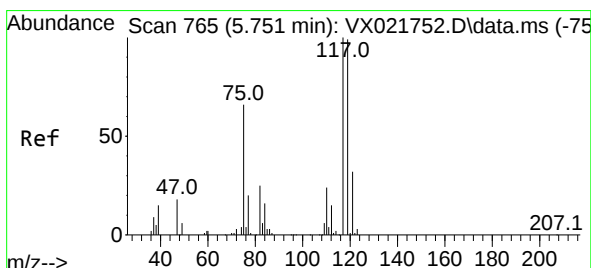
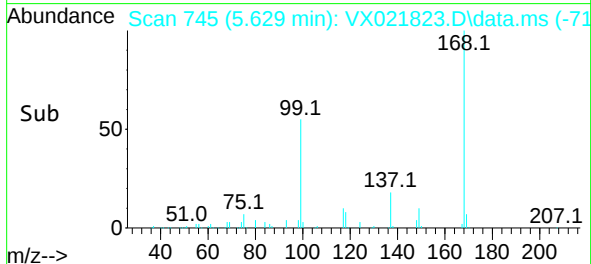
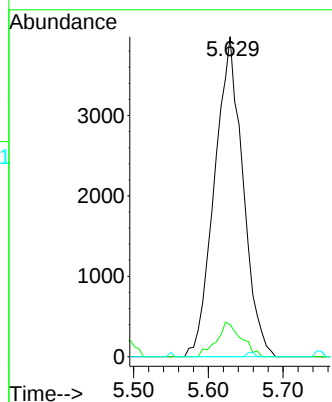
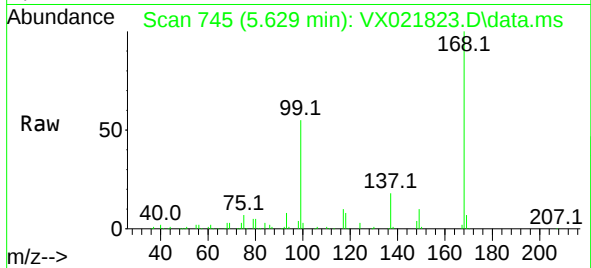




#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

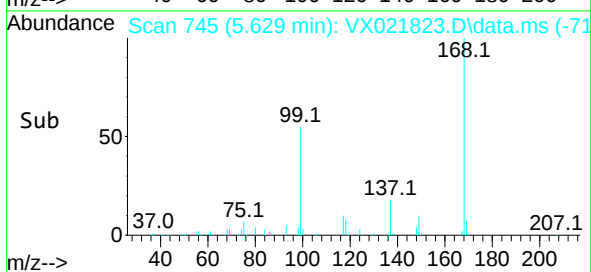
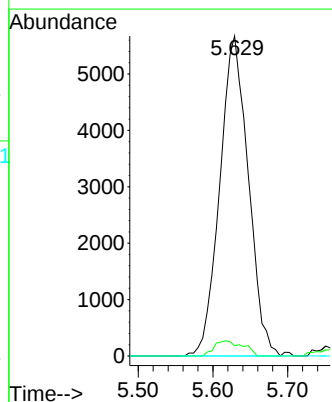
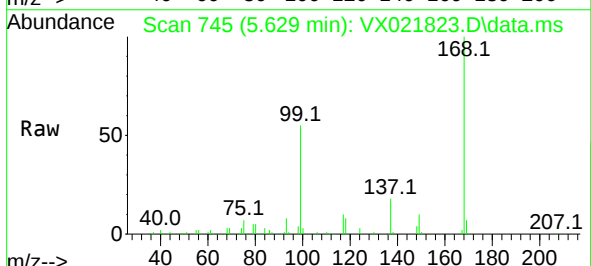
Instrument :
MSVOA_X
ClientSampleId :

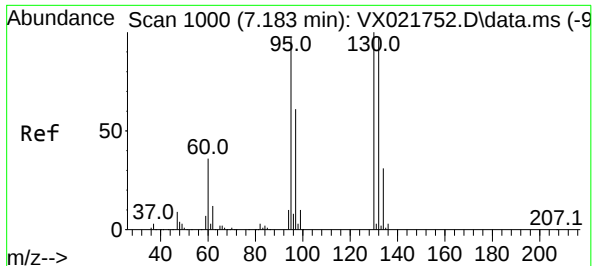
Tgt Ion: 75 Resp: 10487
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 117 Resp: 15054
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

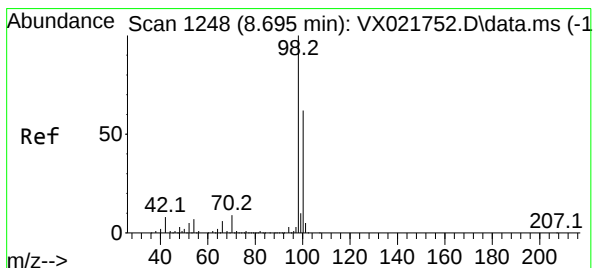
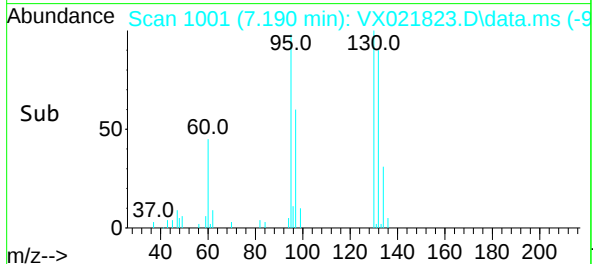
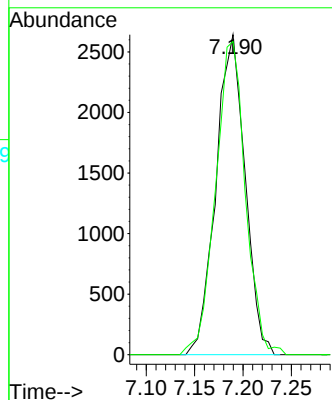
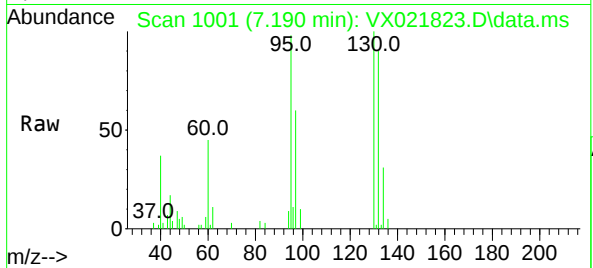




#44
Trichloroethene
Concen: 2.51 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

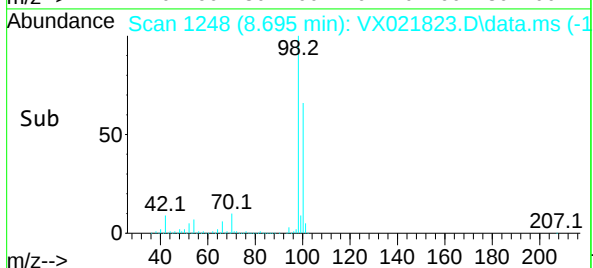
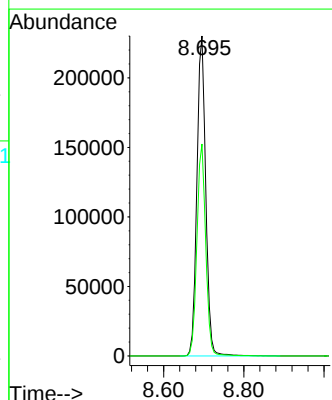
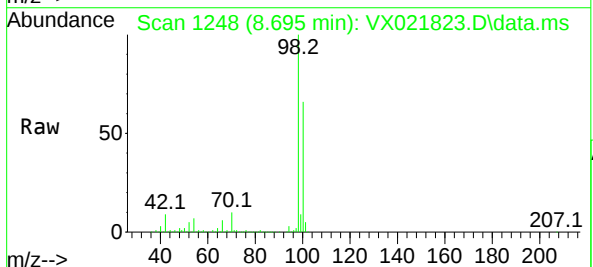
Instrument :
MSVOA_X
ClientSampleId :

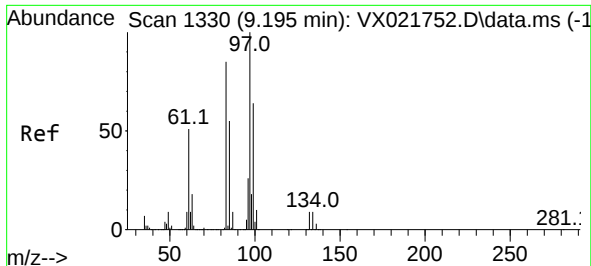
Tgt Ion:130 Resp: 5539
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.0



#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 98 Resp: 352534
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

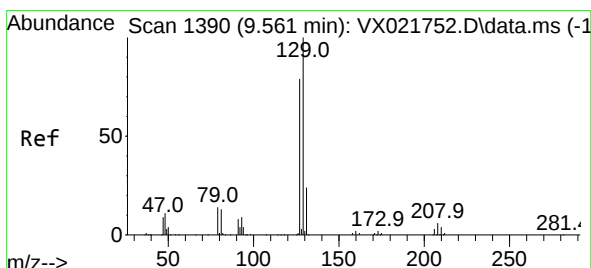
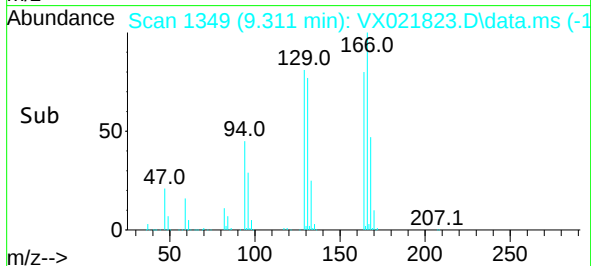
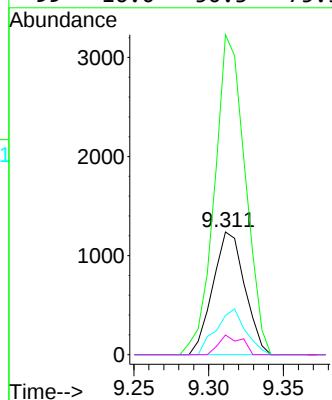
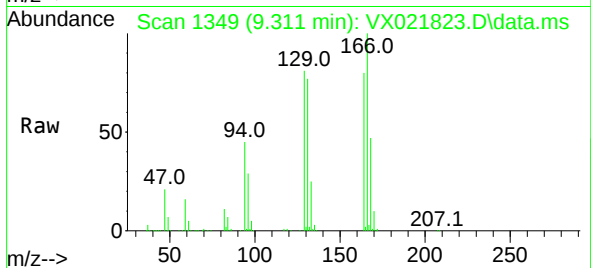




#55
1,1,2-Trichloroethane
Concen: 0.91 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.116 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

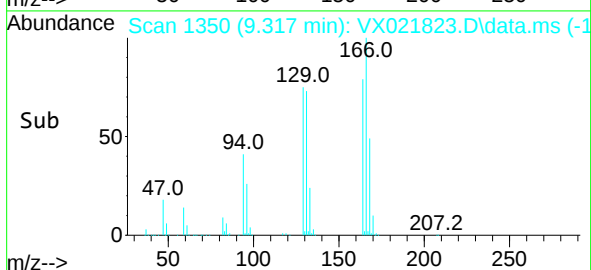
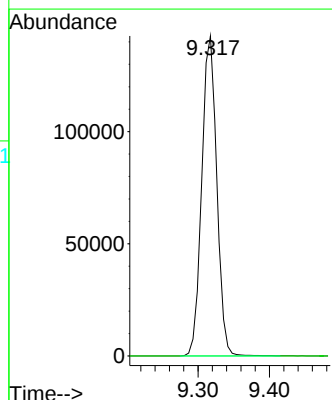
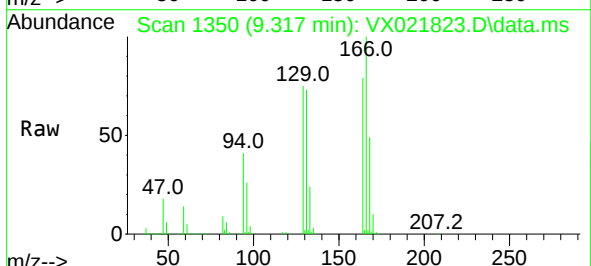
Instrument :
MSVOA_X
ClientSampleId :

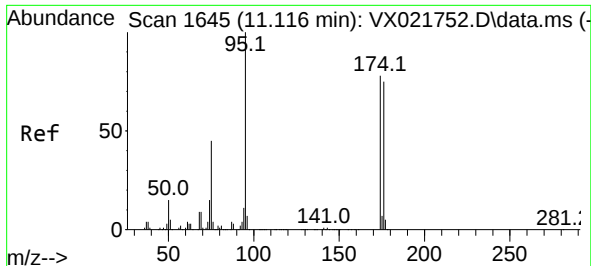
Tgt Ion: 97	Resp: 1841
Ion Ratio	Lower Upper
97 100	
83 260.7	69.3 103.9#
85 31.9	44.3 66.5#
99 16.0	50.3 75.5#



#60
Dibromochloromethane
Concen: 85.07 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 129	Resp: 207990
Ion Ratio	Lower Upper
129 100	
127 0.0	38.4 115.2#

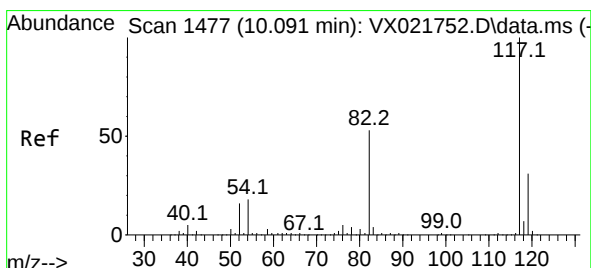
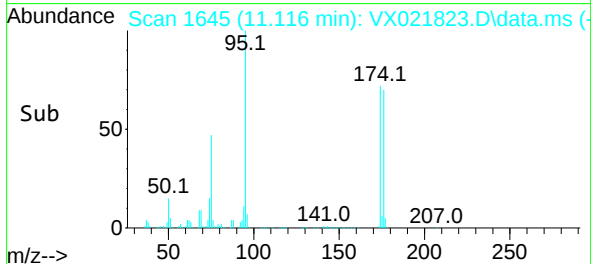
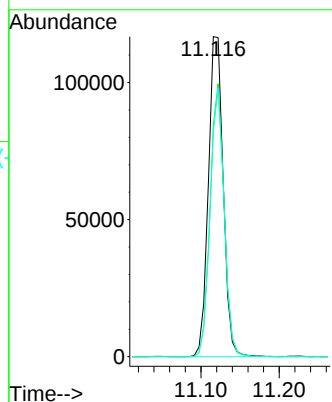
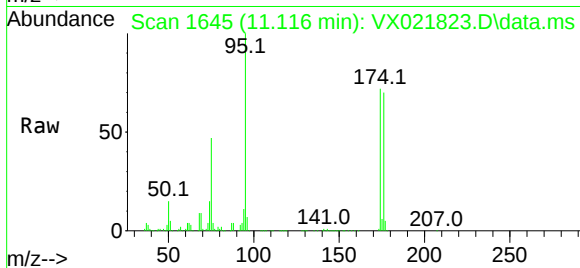




#62
4-Bromofluorobenzene
Concen: 58.20 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

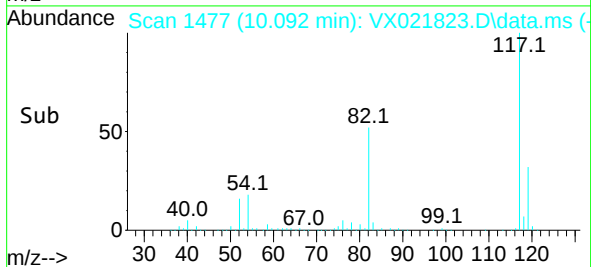
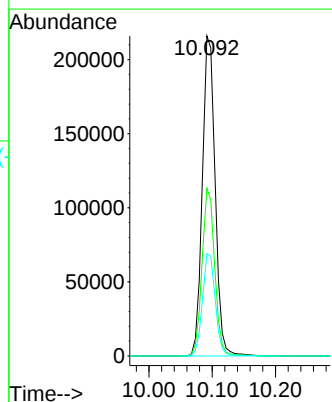
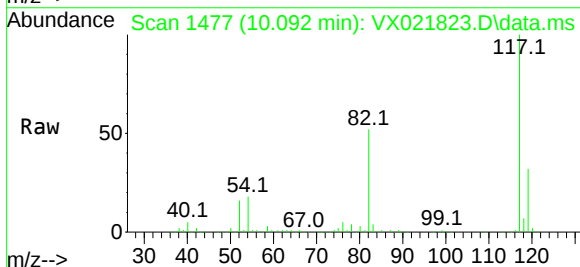
Instrument :
MSVOA_X
ClientSampleId :

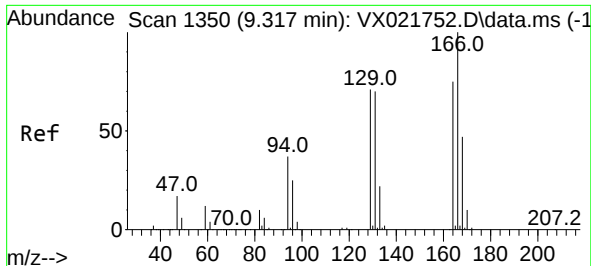
Tgt Ion: 95 Resp: 153447
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 117 Resp: 305238
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 32.0 26.6 39.8

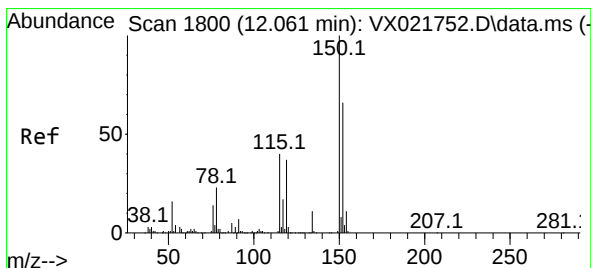
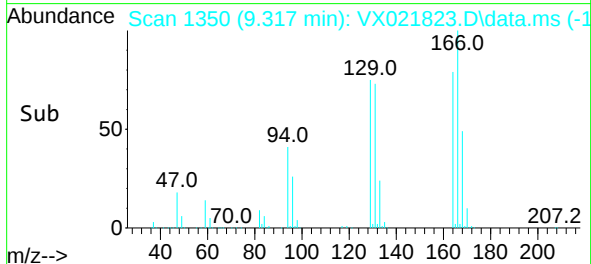
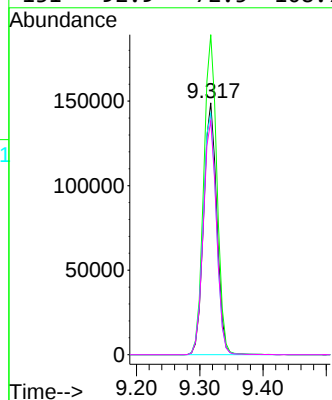
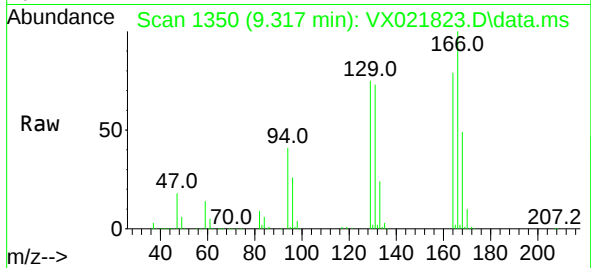




#64
Tetrachloroethene
Concen: 90.20 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

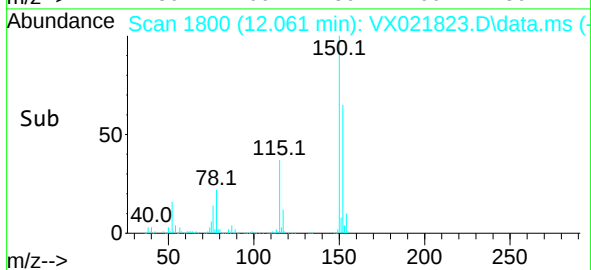
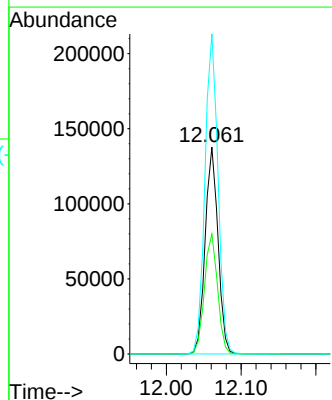
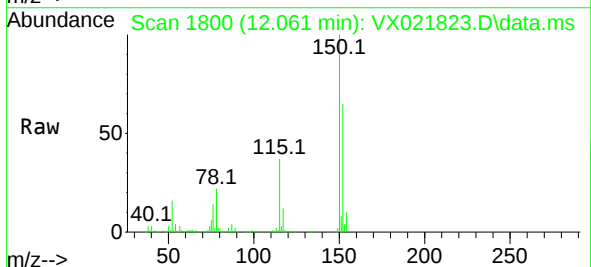
Instrument :
MSVOA_X
ClientSampleId :

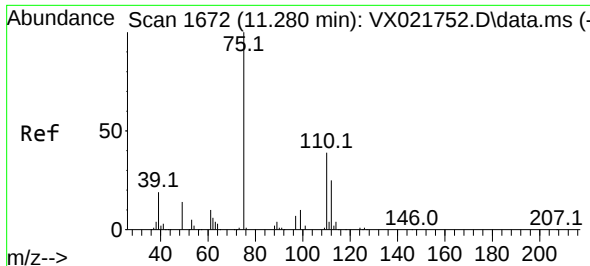
Tgt Ion:164 Resp: 215274
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.2
129 95.7 70.8 106.2
131 92.9 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion:152 Resp: 164598
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.0 0.0 349.0

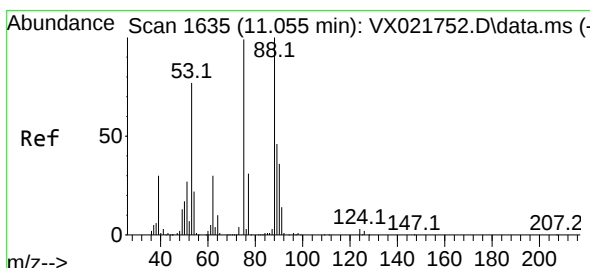
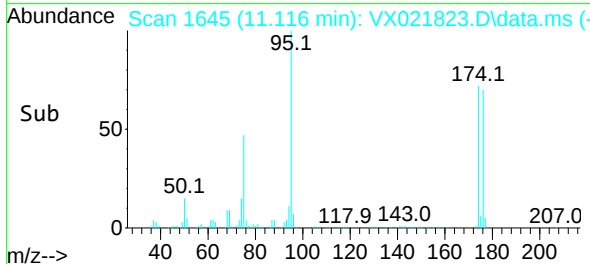
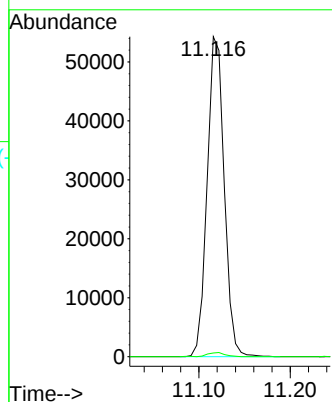
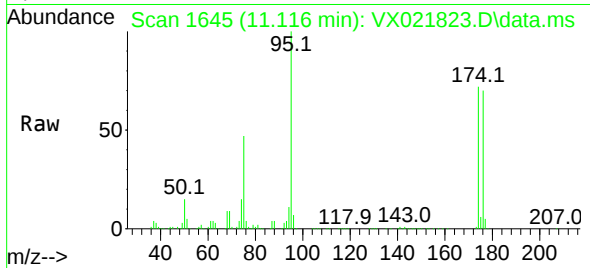




#76
1,2,3-Trichloropropane
Concen: 21.48 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

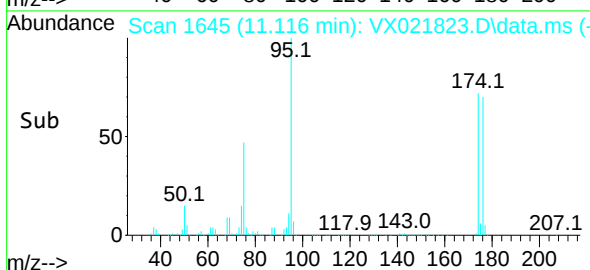
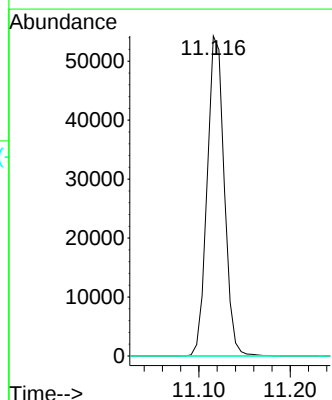
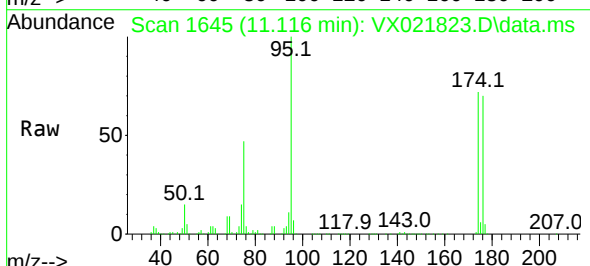
Instrument :
MSVOA_X
ClientSampleId :

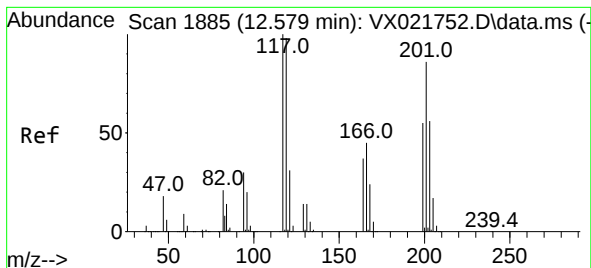
Tgt Ion: 75 Resp: 70119
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.40 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion: 75 Resp: 70119
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

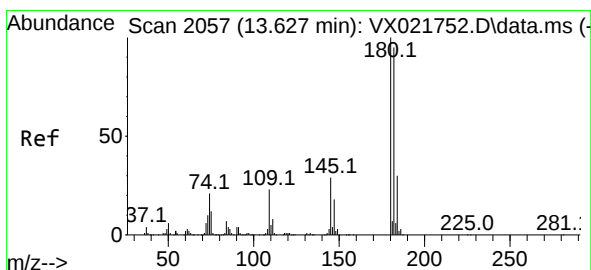
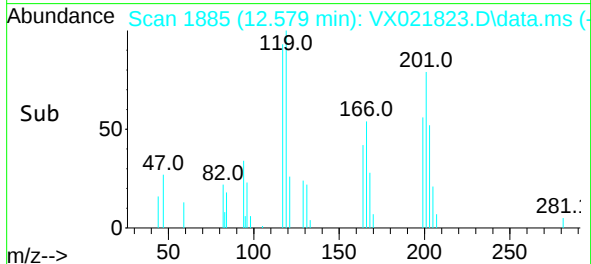
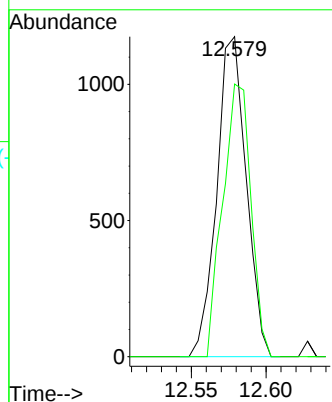
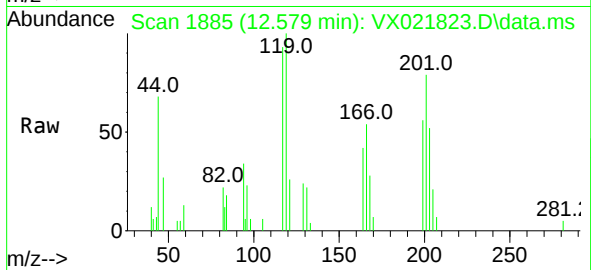




#90
Hexachloroethane
Concen: 0.83 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:117 Resp: 1610
Ion Ratio Lower Upper
117 100
201 81.6 40.4 121.2



#93
1,2,4-Trichlorobenzene
Concen: 0.28 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. 0.001 min
Lab File: VX021823.D
Acq: 22 Apr 2021 17:42

Tgt Ion:180 Resp: 1015
Ion Ratio Lower Upper
180 100
182 89.7 47.7 143.1
145 47.1 15.0 45.0#

