

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023448.D
 Acq On : 26 Jul 2021 14:03
 Operator : JC/MD
 Sample : M3145-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:27:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

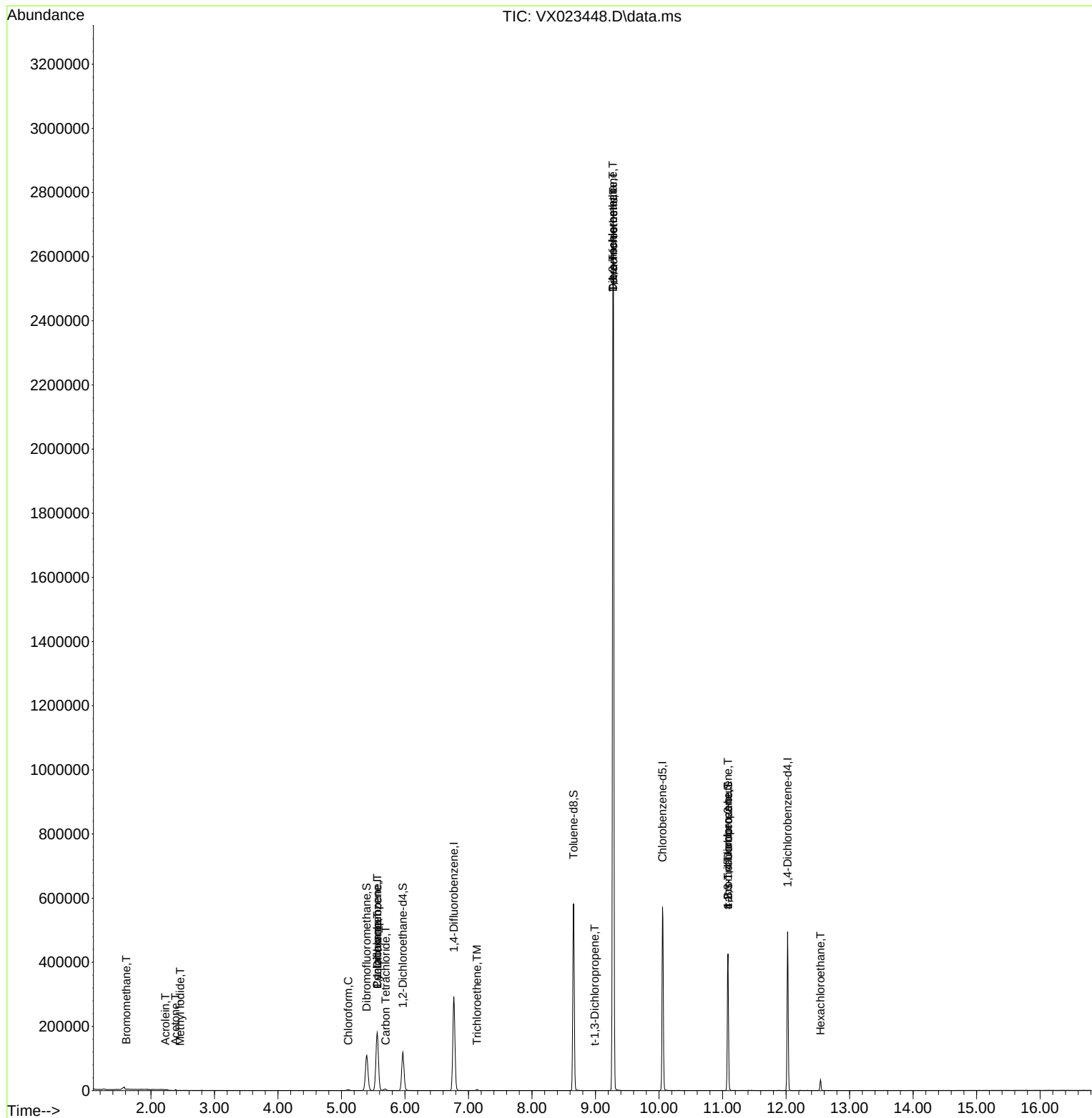
Internal Standards						
1) Pentafluorobenzene	5.562	168	173729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111916	51.64	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 103.28%		
35) Dibromofluoromethane	5.397	113	92729	50.31	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.62%		
50) Toluene-d8	8.653	98	344181	50.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 101.64%		
62) 4-Bromofluorobenzene	11.085	95	109420	47.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 95.02%		
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	683	0.61	ug/l	82
10) Methyl Iodide	2.459	142	520	0.24	ug/l #	70
13) Acrolein	2.227	56	70	1.64	ug/l #	1
16) Acetone	2.386	43	1935	1.82	ug/l	100
30) Chloroform	5.105	83	3276	0.95	ug/l	95
31) Cyclohexane	5.562	56	3788	1.18	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13145	4.93	ug/l #	50
38) Carbon Tetrachloride	5.696	117	3984	1.47	ug/l #	94
44) Trichloroethene	7.135	130	1311	0.60	ug/l	82
53) t-1,3-Dichloropropene	8.988	75	20	1.82	ug/l #	44
55) 1,1,2-Trichloroethane	9.275	97	4769	2.40	ug/l #	1
60) Dibromochloromethane	9.275	129	510610	225.01	ug/l #	11
64) Tetrachloroethene	9.281	164	530685	259.70	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	55949	25.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55949	68.42	ug/l #	12
90) Hexachloroethane	12.542	117	4022	5.32	ug/l	88

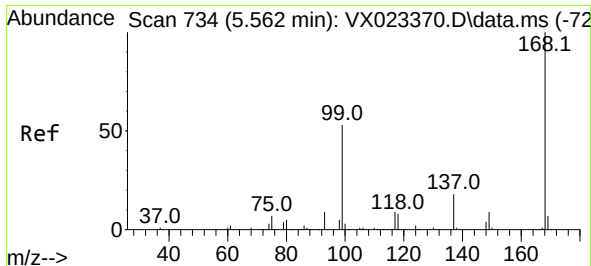
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 03:27:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

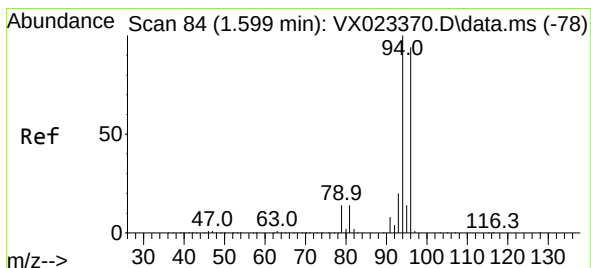
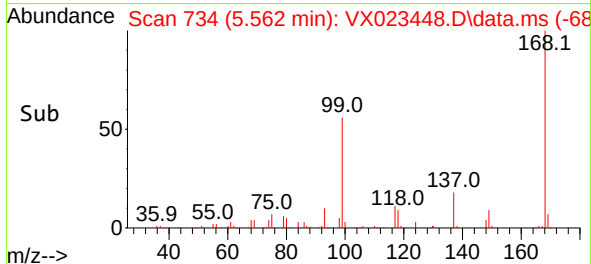
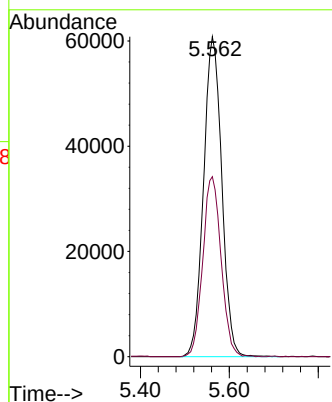
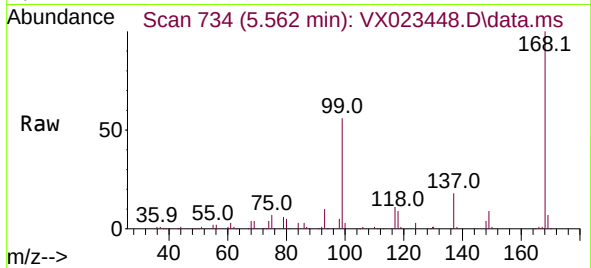




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

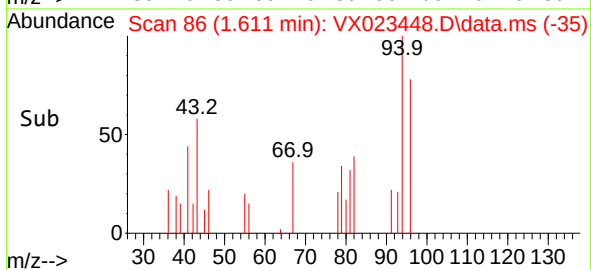
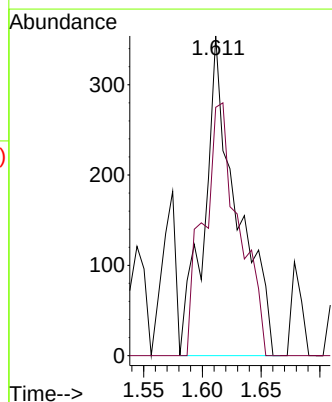
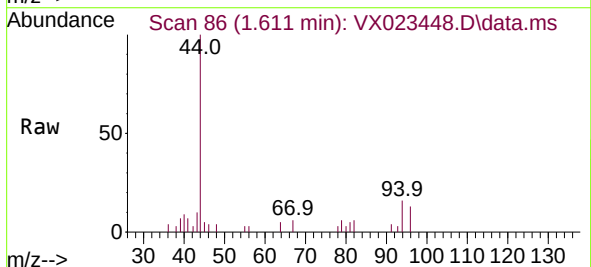
Instrument :
MSVOA_X
ClientSampleId :

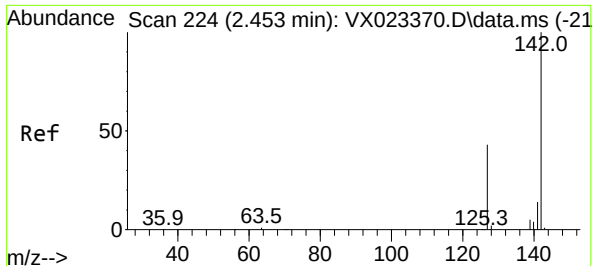
Tgt Ion:168 Resp: 173729
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

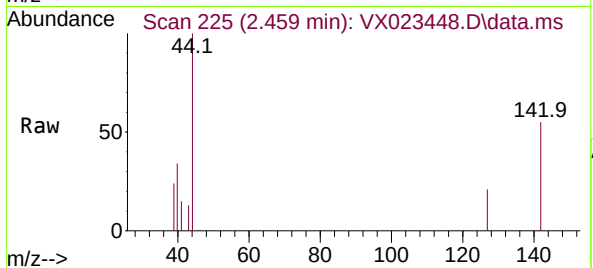
Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 77.7 76.4 114.6



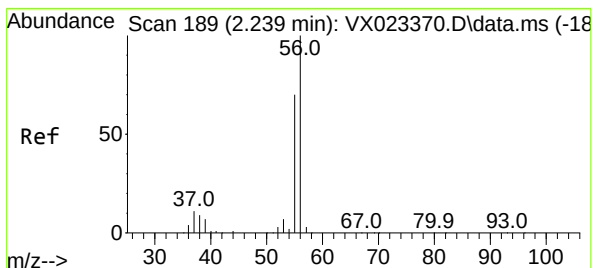
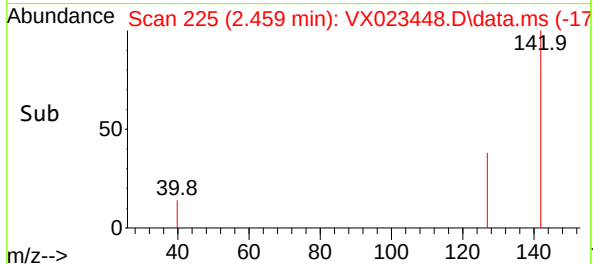
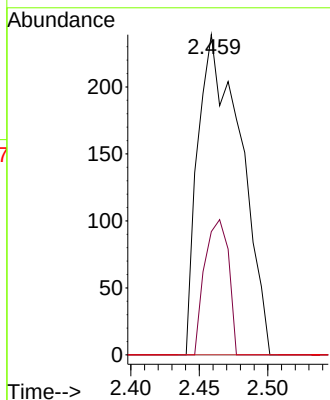


#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Instrument :
MSVOA_X
ClientSampled :

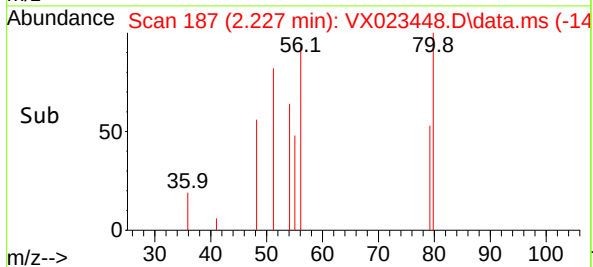
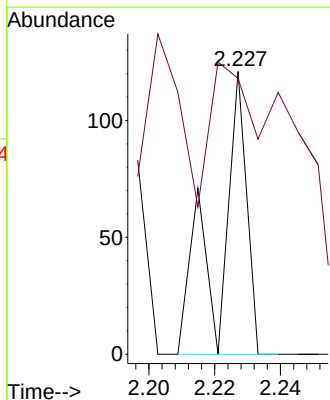
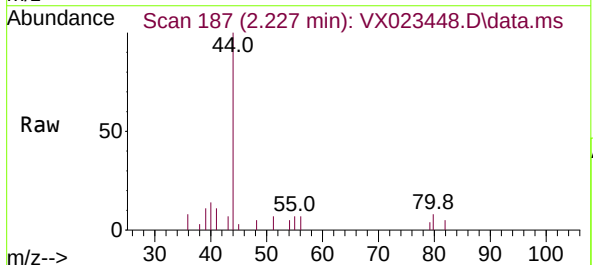


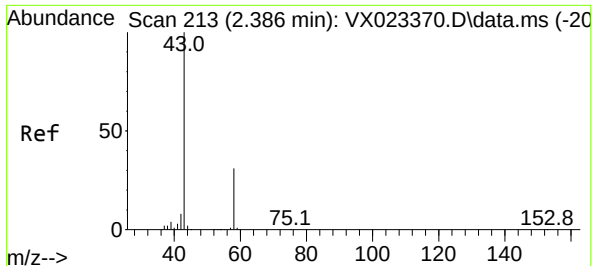
Tgt Ion:142 Resp: 520
Ion Ratio Lower Upper
142 100
127 23.5 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 1.64 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 325.7 56.4 84.6#

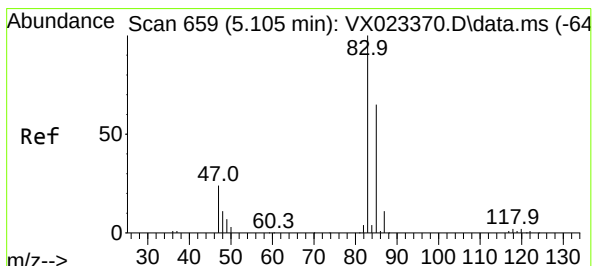
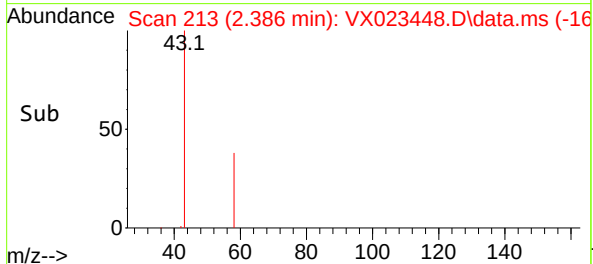
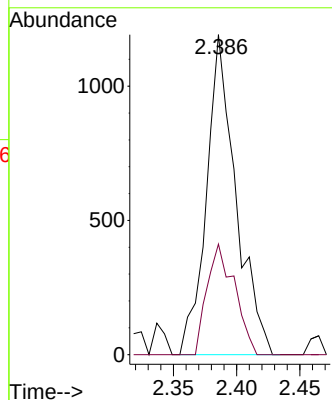
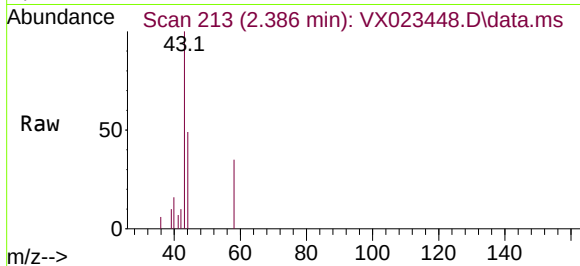




#16
Acetone
Concen: 1.82 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

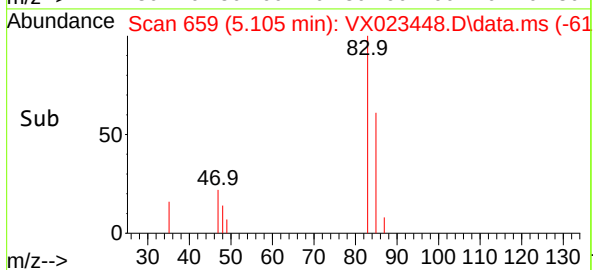
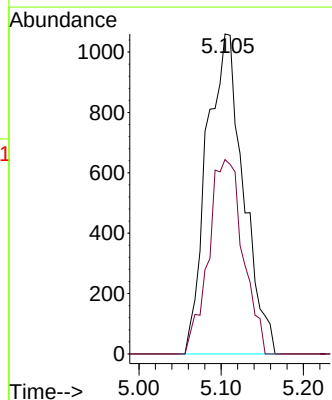
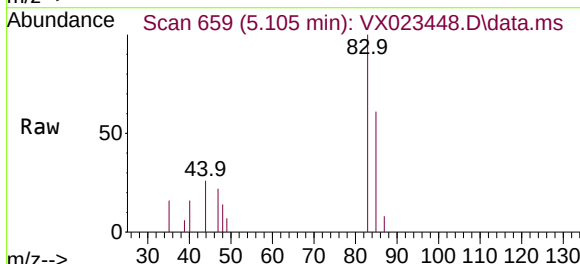
Instrument :
MSVOA_X
ClientSampled :

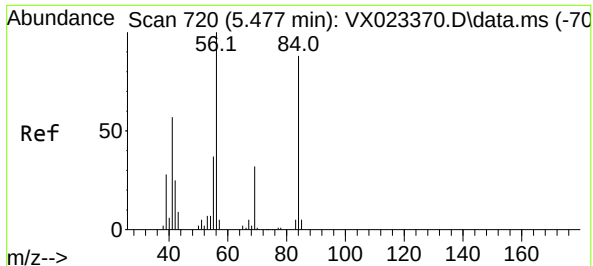
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



#30
Chloroform
Concen: 0.95 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

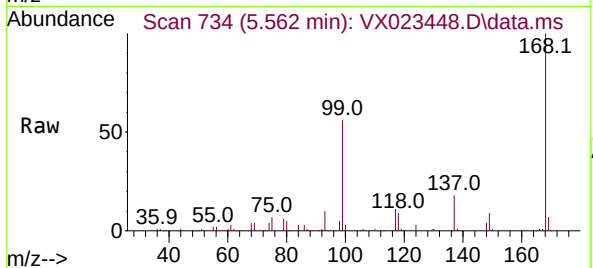
Tgt Ion: 83 Resp: 3276
Ion Ratio Lower Upper
83 100
85 60.8 52.0 78.0



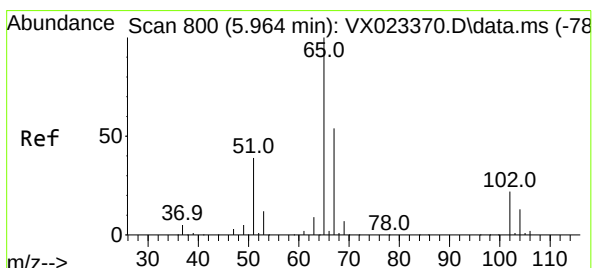
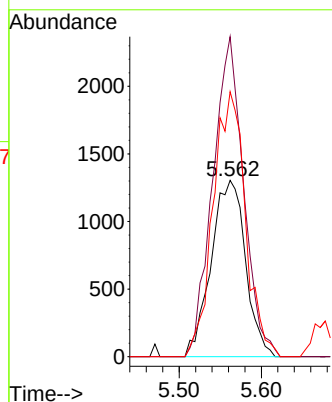
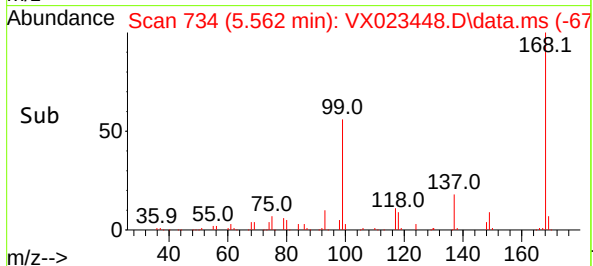


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

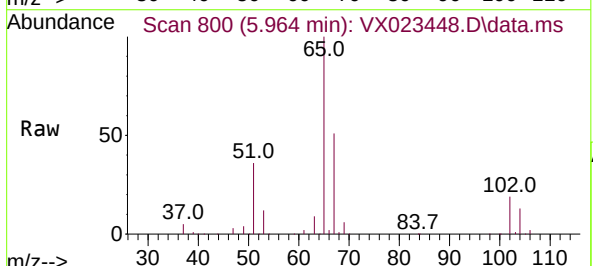
Instrument :
MSVOA_X
ClientSampled :



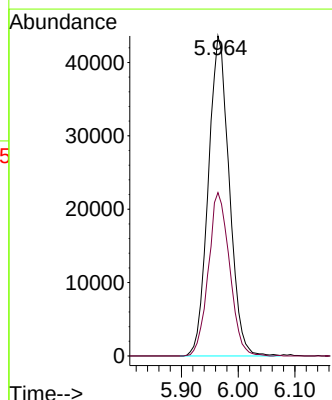
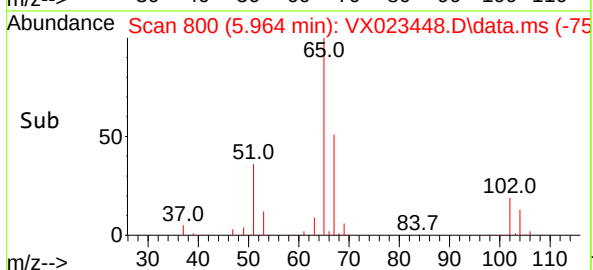
Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
69 181.5 25.3 37.9#
84 150.3 71.4 107.0#

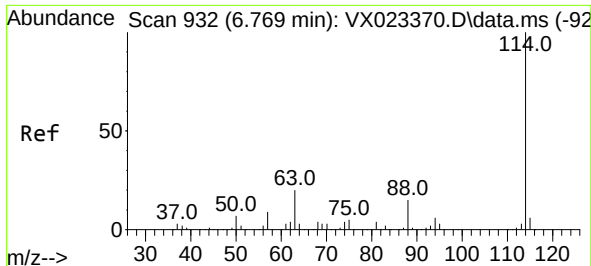


#33
1,2-Dichloroethane-d4
Concen: 51.64 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03



Tgt Ion: 65 Resp: 111916
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

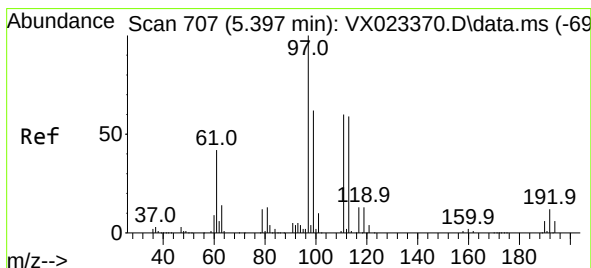
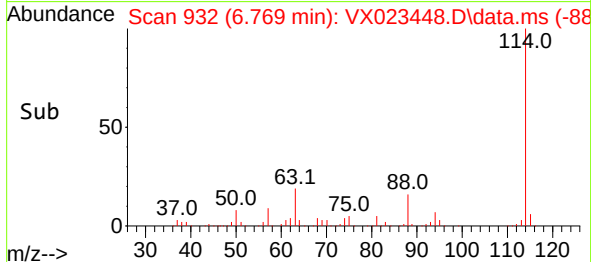
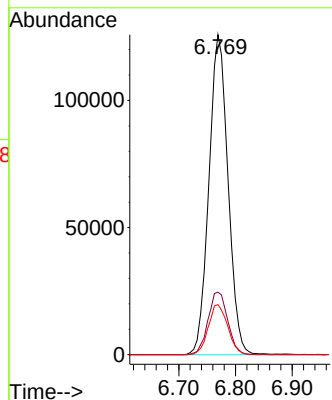
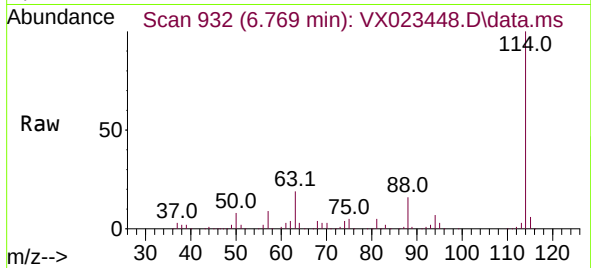




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

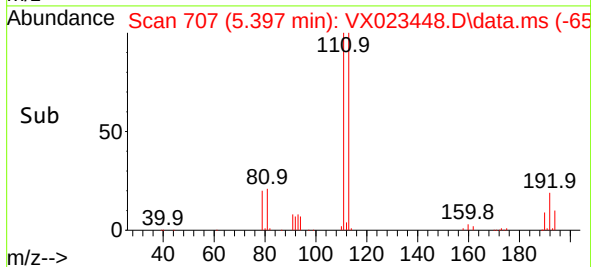
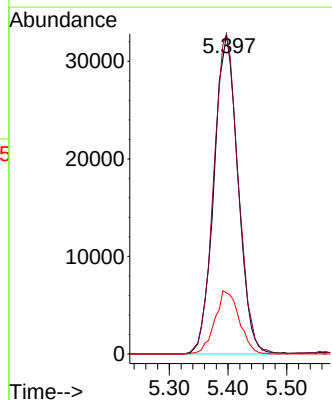
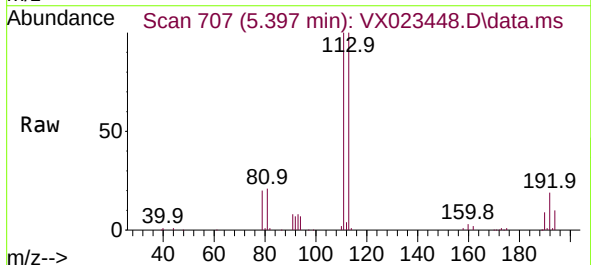
Instrument :
MSVOA_X
ClientSampleId :

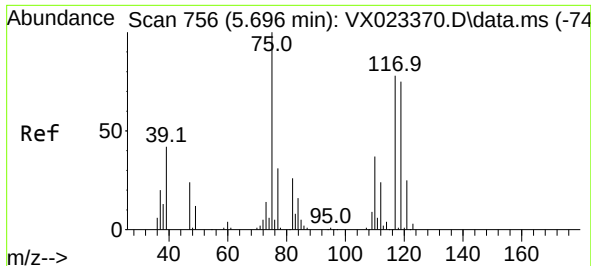
Tgt Ion:114 Resp: 294816
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.31 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

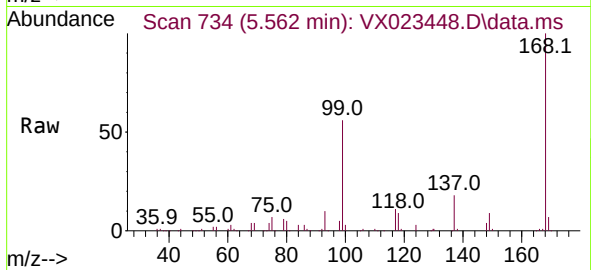
Tgt Ion:113 Resp: 92729
Ion Ratio Lower Upper
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111 102.2 81.9 122.9
192 20.0 16.7 25.1



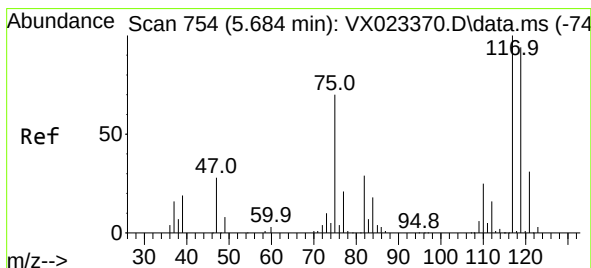
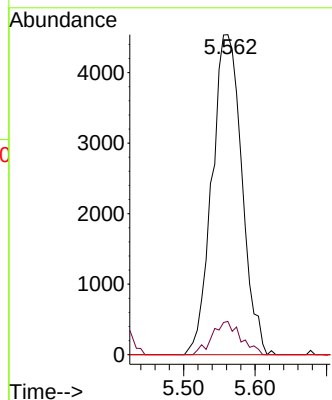
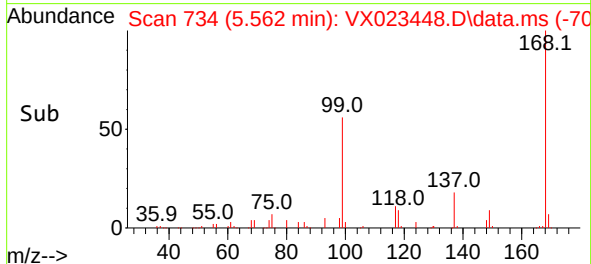


#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

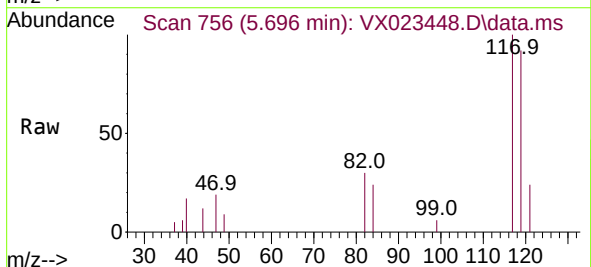
Instrument :
MSVOA_X
ClientSampled :



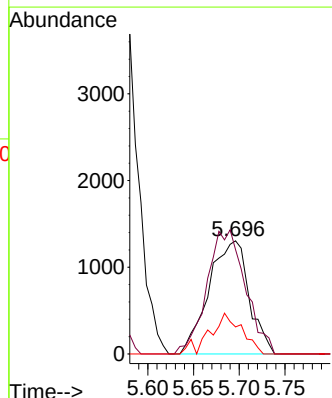
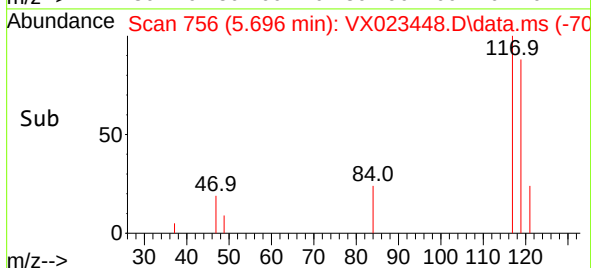
Tgt Ion: 75 Resp: 13145
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#

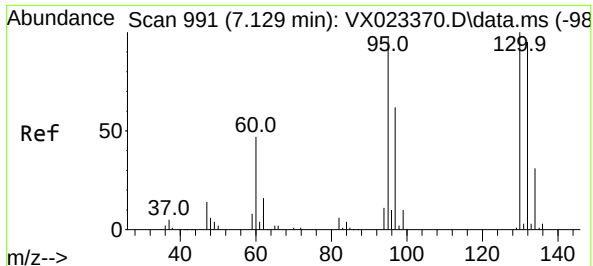


#38
Carbon Tetrachloride
Concen: 1.47 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03



Tgt Ion: 117 Resp: 3984
Ion Ratio Lower Upper
117 100
119 92.2 76.2 114.2
121 23.8 24.8 37.2#

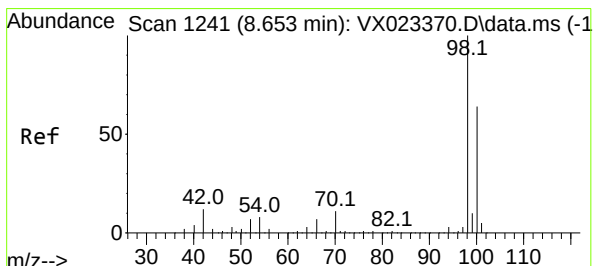
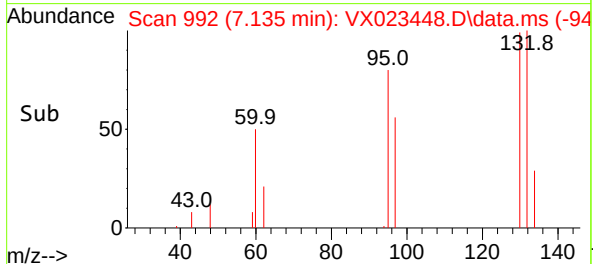
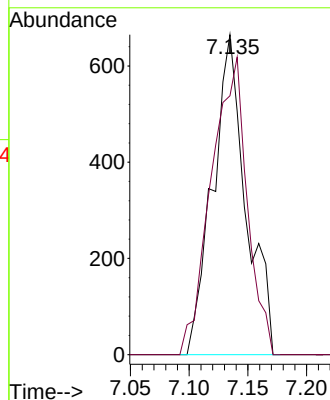
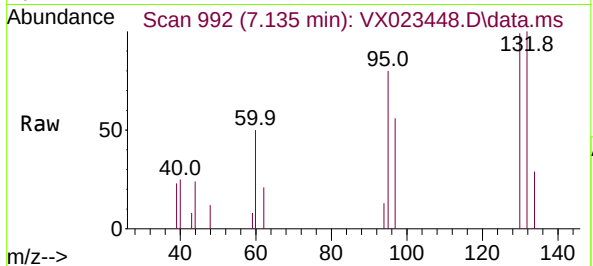




#44
Trichloroethene
Concen: 0.60 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

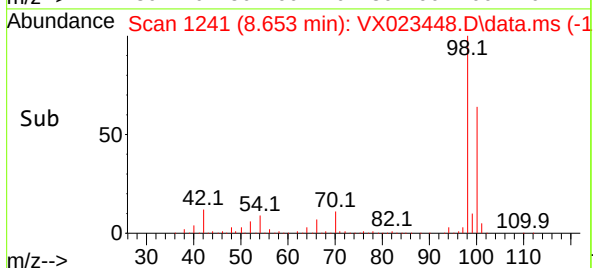
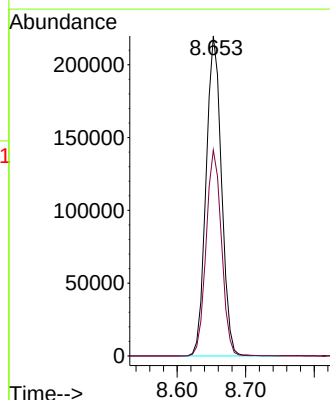
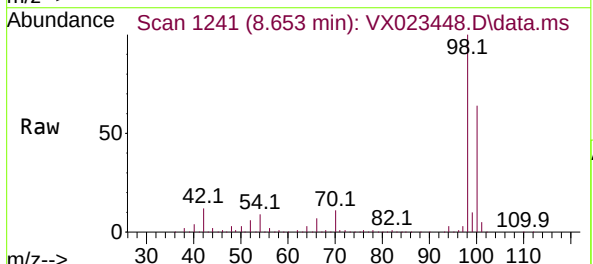
Instrument :
MSVOA_X
ClientSampled :

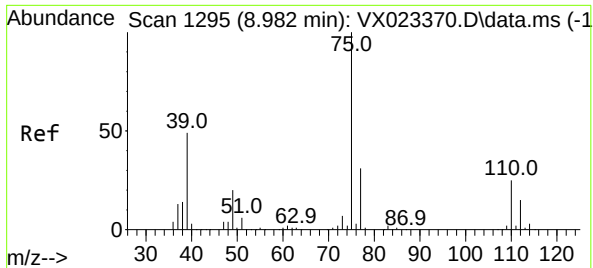
Tgt Ion:130 Resp: 1311
Ion Ratio Lower Upper
130 100
95 80.9 0.0 198.0



#50
Toluene-d8
Concen: 50.82 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 98 Resp: 344181
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

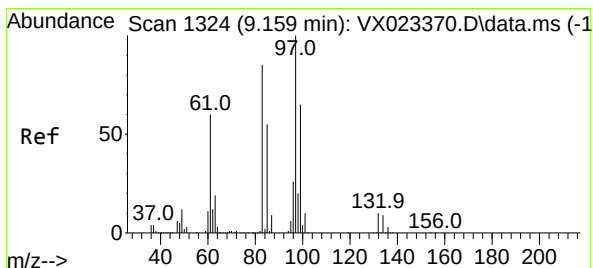
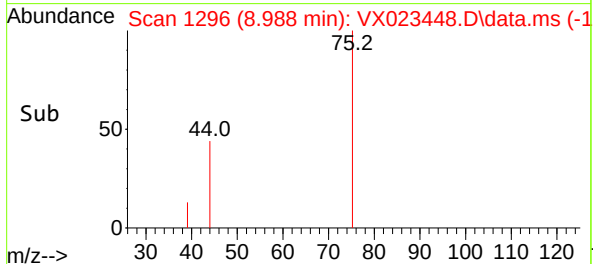
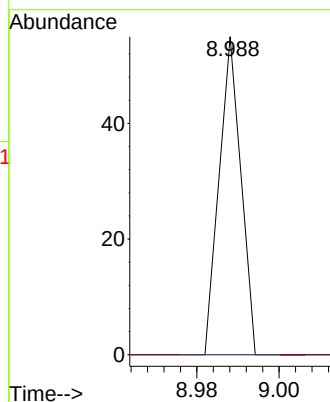
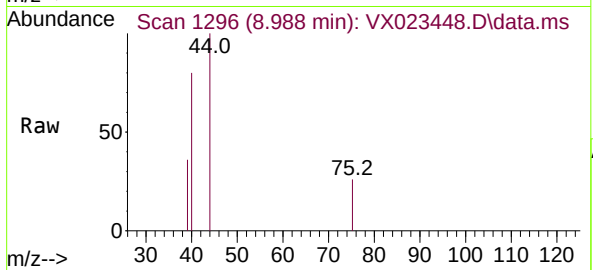




#53
t-1,3-Dichloropropene
Concen: 1.82 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

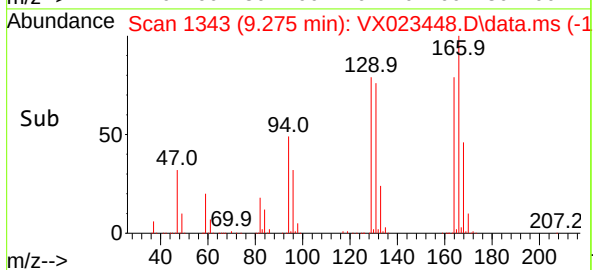
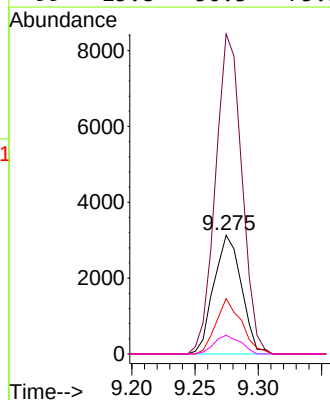
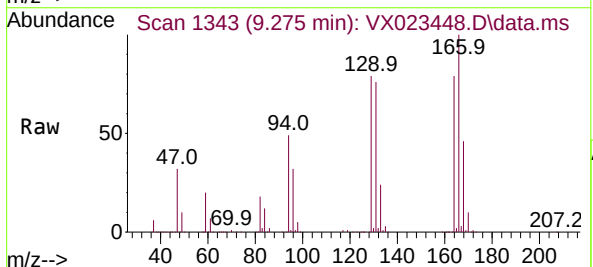
Instrument :
MSVOA_X
ClientSampled :

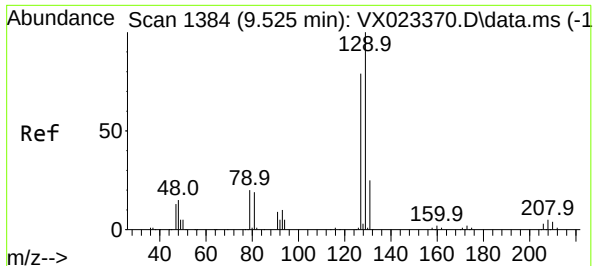
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#55
1,1,2-Trichloroethane
Concen: 2.40 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.116 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 97 Resp: 4769
Ion Ratio Lower Upper
97 100
83 269.8 69.3 103.9#
85 46.7 44.3 66.5
99 15.8 50.3 75.5#

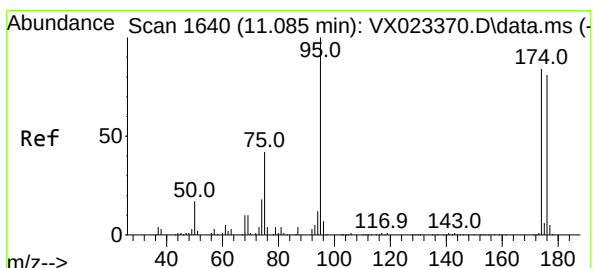
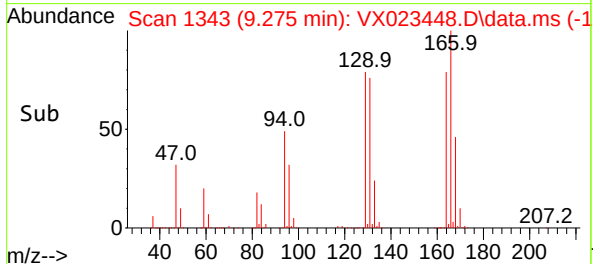
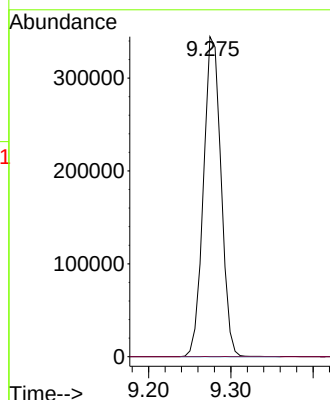
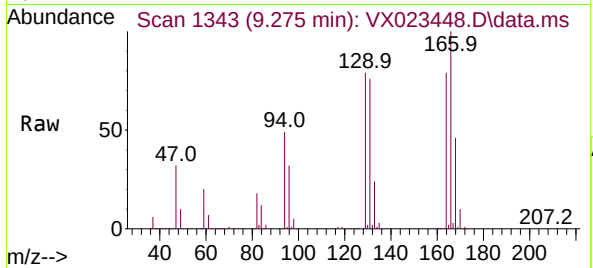




#60
Dibromochloromethane
Concen: 225.01 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

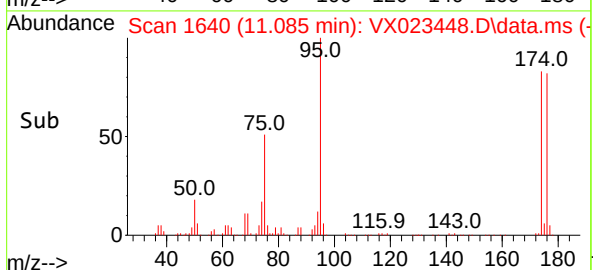
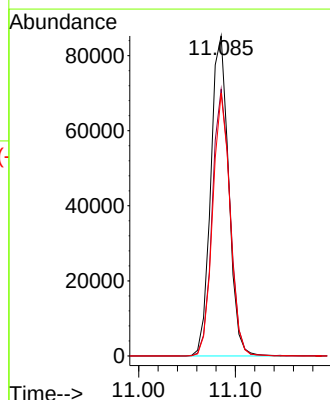
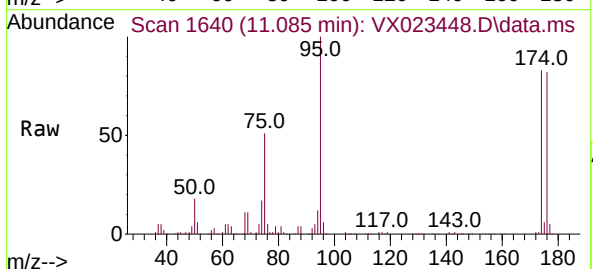
Instrument :
MSVOA_X
ClientSampled :

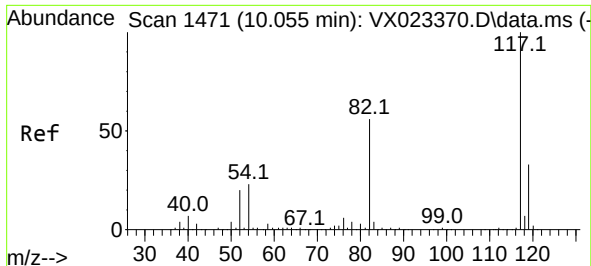
Tgt Ion:129 Resp: 510610
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 95 Resp: 109420
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.8 0.0 155.8

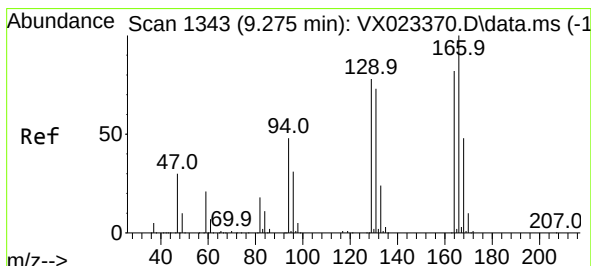
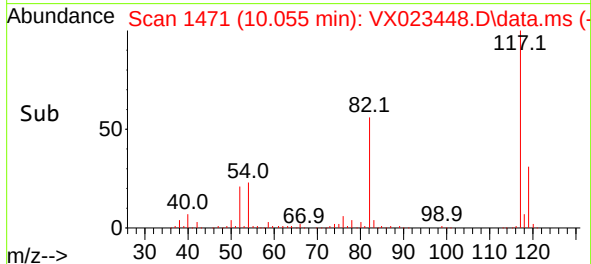
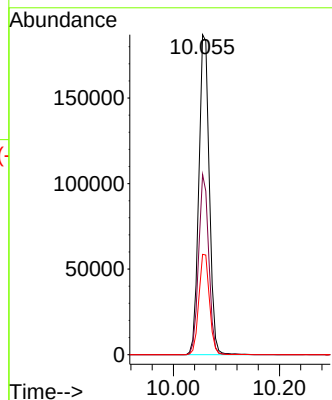
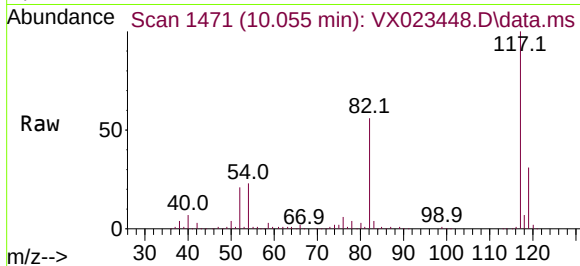




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

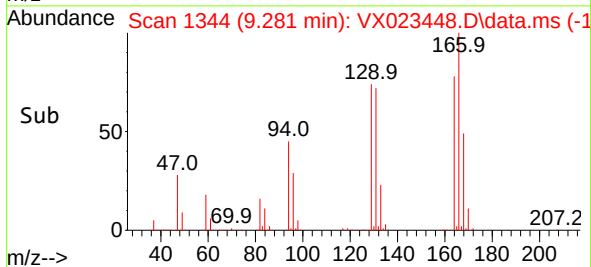
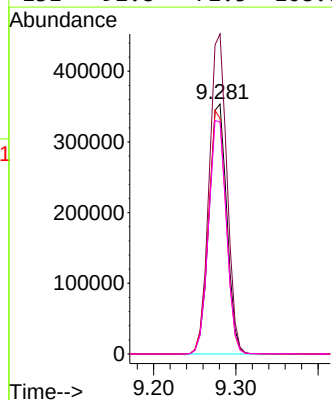
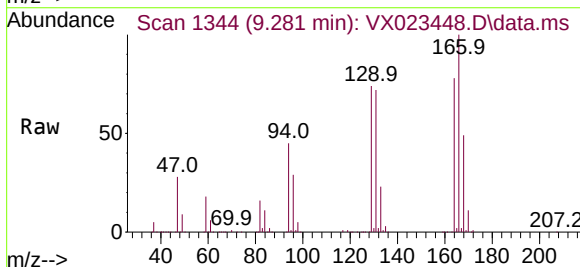
Instrument :
MSVOA_X
ClientSampled :

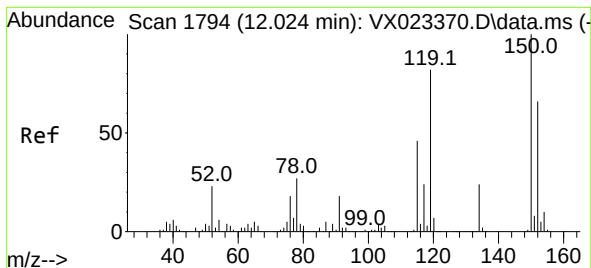
Tgt Ion:117 Resp: 256761
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 259.70 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion:164 Resp: 530685
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 94.2 70.8 106.2
131 92.8 72.5 108.7

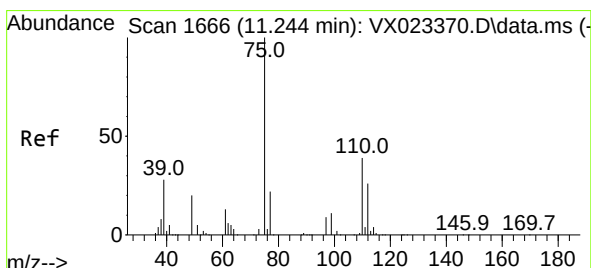
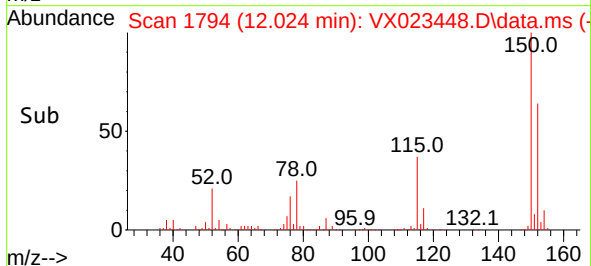
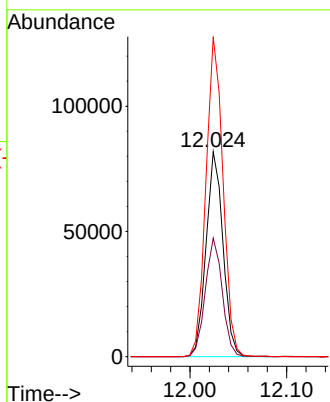
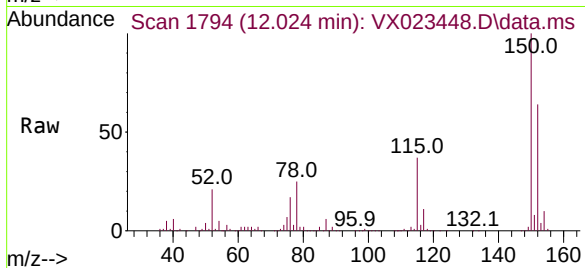




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023448.D
 Acq: 26 Jul 2021 14:03

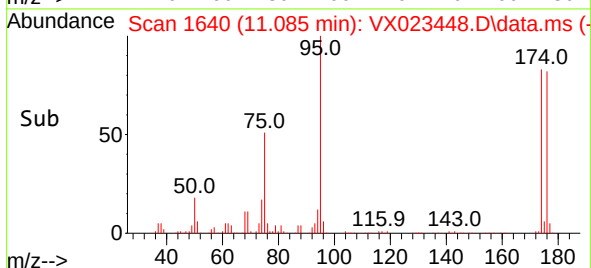
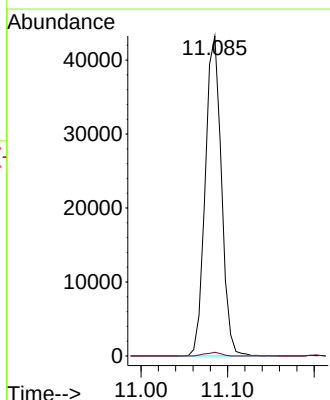
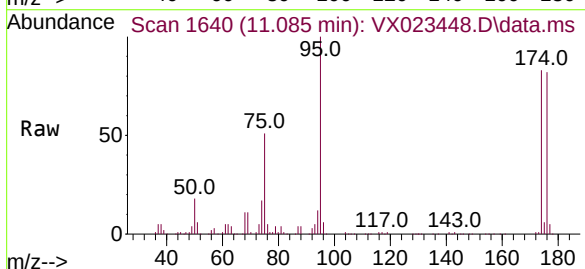
Instrument :
 MSVOA_X
 ClientSampled :

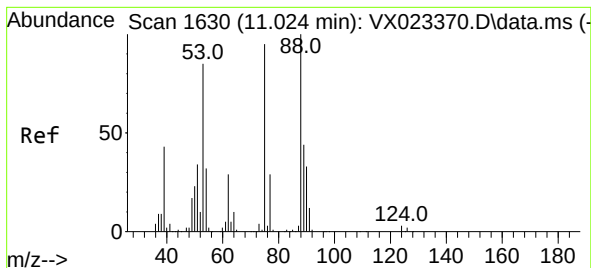
Tgt Ion:152 Resp: 99923
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.1 123.3
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.44 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023448.D
 Acq: 26 Jul 2021 14:03

Tgt Ion: 75 Resp: 55949
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

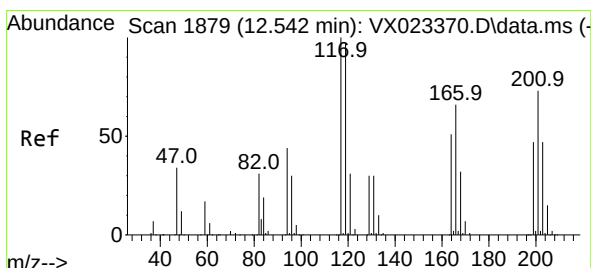
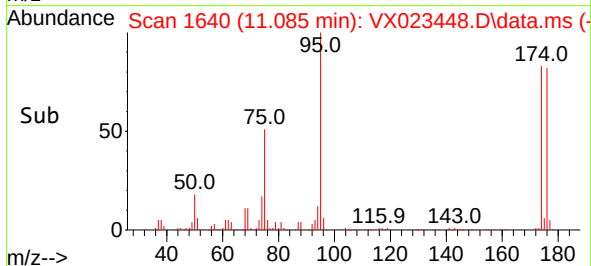
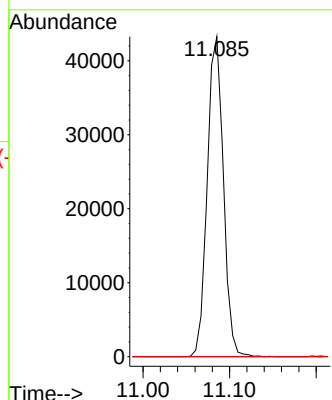
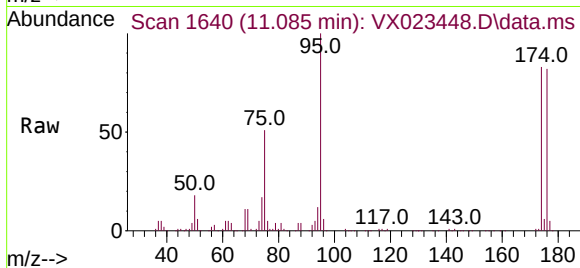




#81
trans-1,4-Dichloro-2-butene
Concen: 68.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55949
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 5.32 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 117 Resp: 4022
Ion Ratio Lower Upper
117 100
201 69.8 40.4 121.2

