

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023168.D
 Acq On : 07 Jul 2021 13:30
 Operator : JC/MD
 Sample : M2939-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:18:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

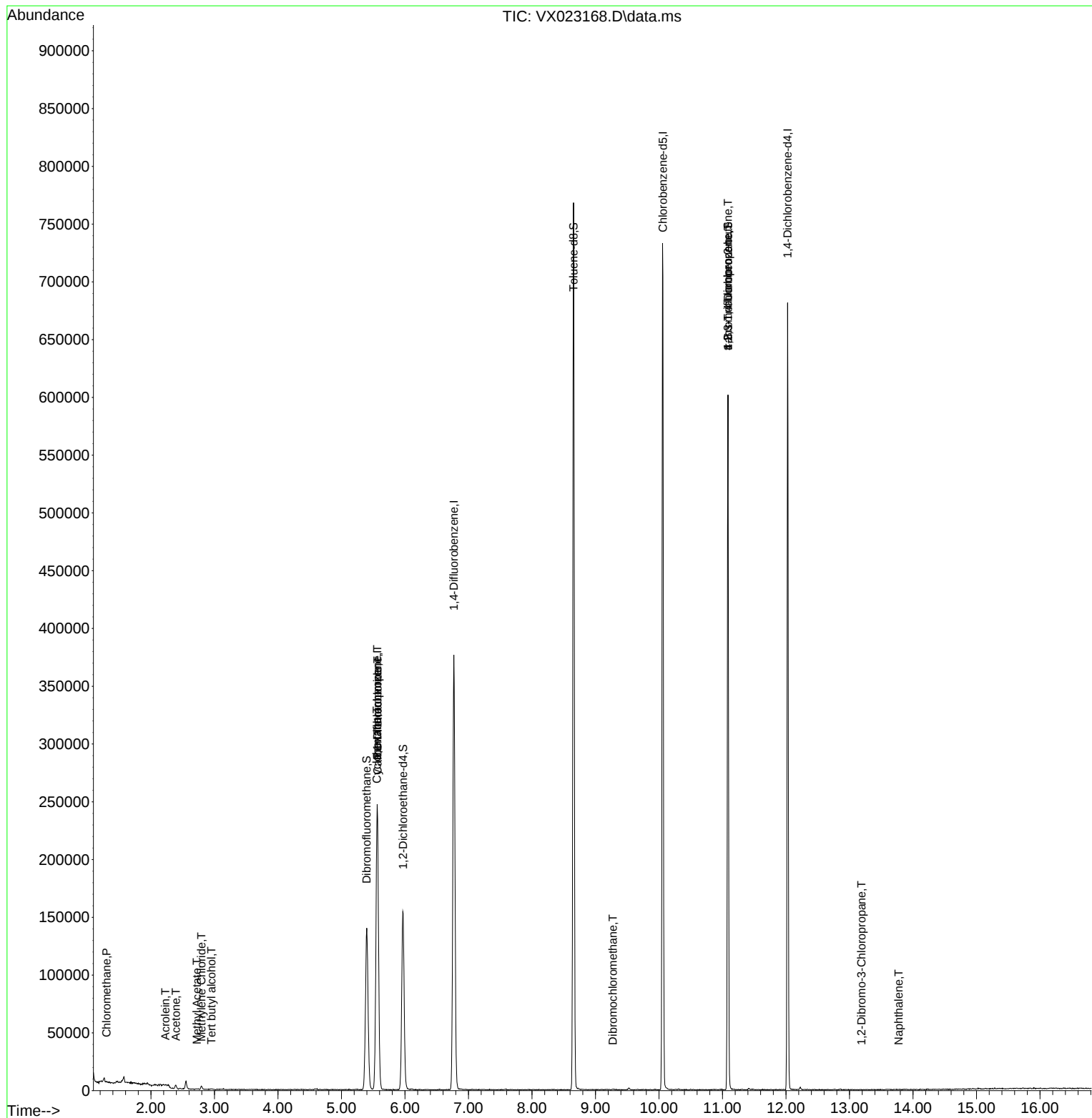
Internal Standards						
1) Pentafluorobenzene	5.562	168	225960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	334924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	156769	51.621	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.240%		
35) Dibromofluoromethane	5.398	113	117354	48.704	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.400%		
50) Toluene-d8	8.653	98	447460	49.784	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.560%		
62) 4-Bromofluorobenzene	11.086	95	156702	45.160	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	480	0.237	ug/l #	44
5) Bromomethane	1.581	94	187	Below Cal	#	56
11) Tert butyl alcohol	2.953	59	282	0.441	ug/l	99
13) Acrolein	2.227	56	191	0.449	ug/l #	25
16) Acetone	2.392	43	3214	2.675	ug/l #	80
18) Methyl Acetate	2.721	43	687	0.236	ug/l #	47
20) Methylene Chloride	2.794	84	1194	0.462	ug/l #	92
31) Cyclohexane	5.556	56	4923	1.354	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17967	5.401	ug/l #	50
38) Carbon Tetrachloride	5.568	117	24435	7.038	ug/l #	16
60) Dibromochloromethane	9.275	129	18	3.118	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	82347	30.275	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	82347	81.245	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.189	75	53	2.638	ug/l #	1
95) Naphthalene	13.774	128	161	1.291	ug/l #	69

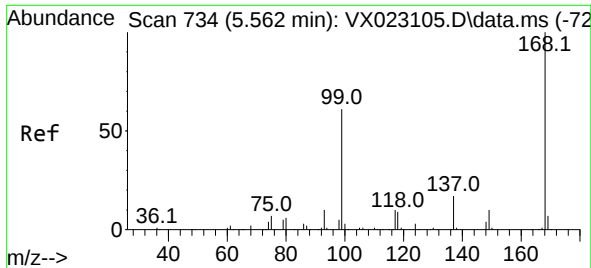
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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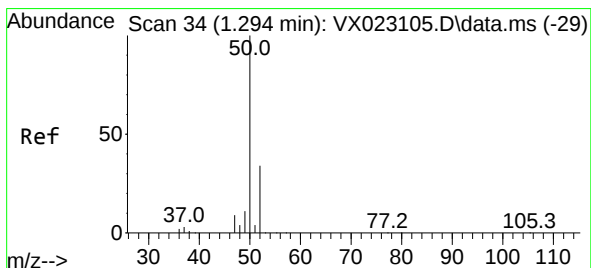
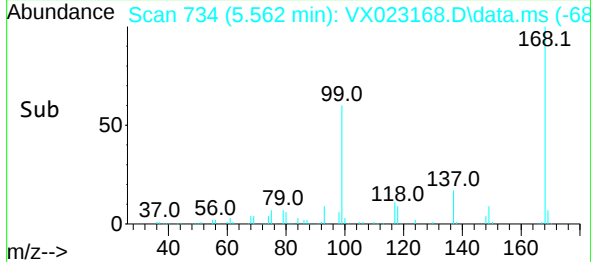
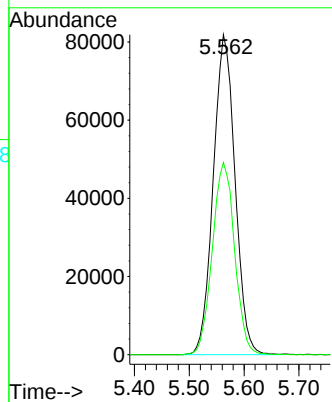
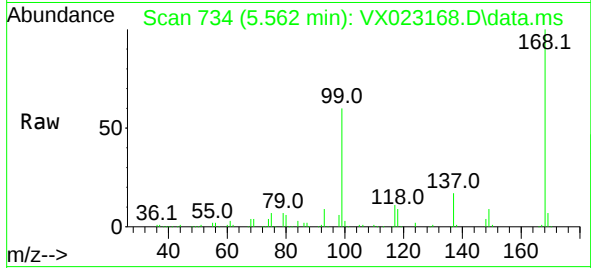




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

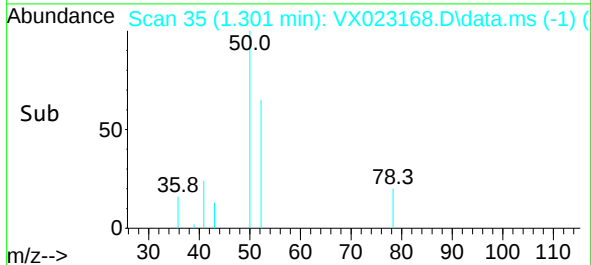
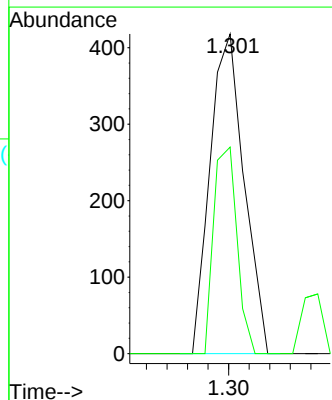
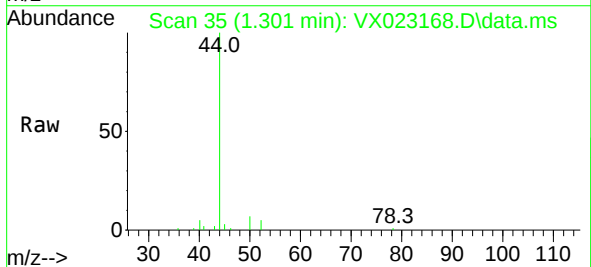
Instrument :
MSVOA_X
ClientSampleId :

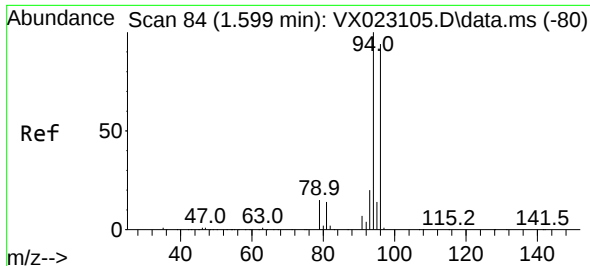
Tgt Ion:168 Resp: 225960
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 64.6 26.4 39.6#

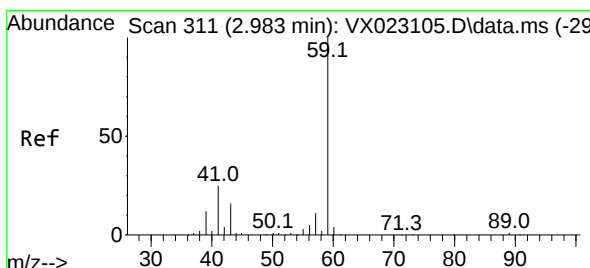
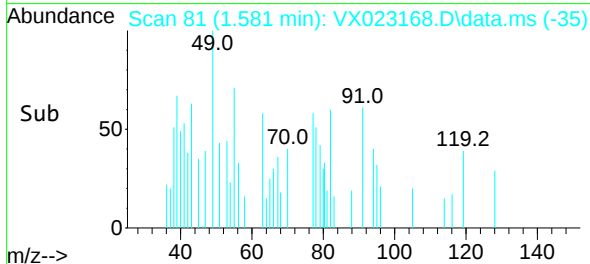
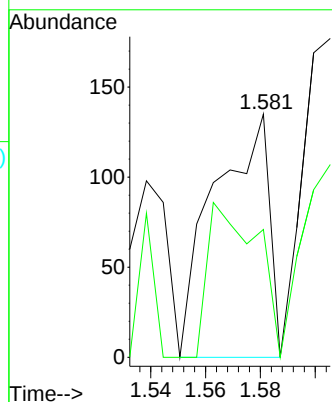
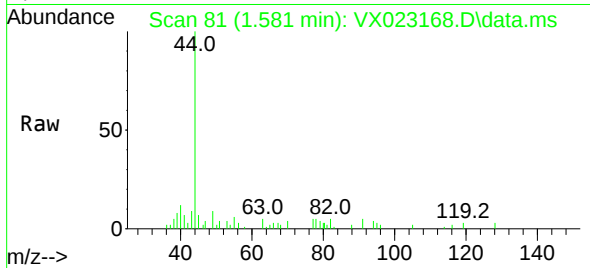




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

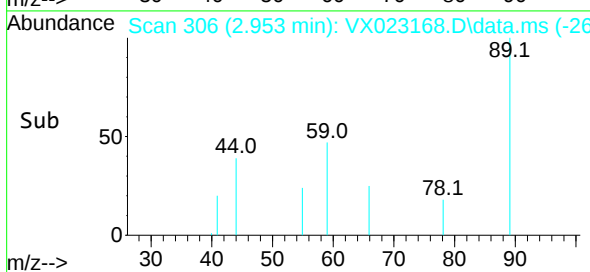
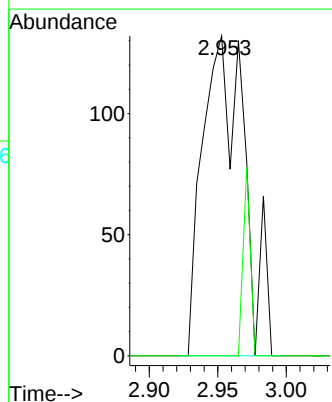
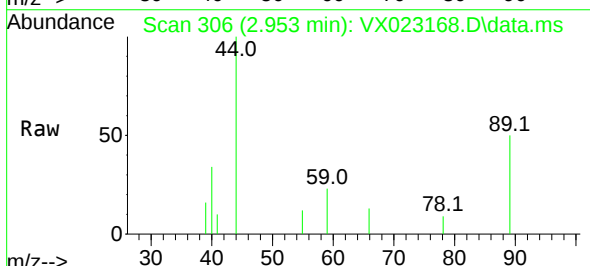
Instrument :
MSVOA_X
ClientSampleId :

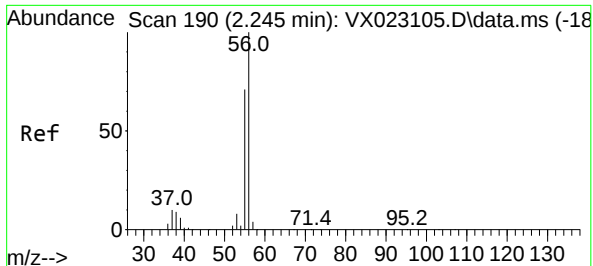
Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 52.6 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.441 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

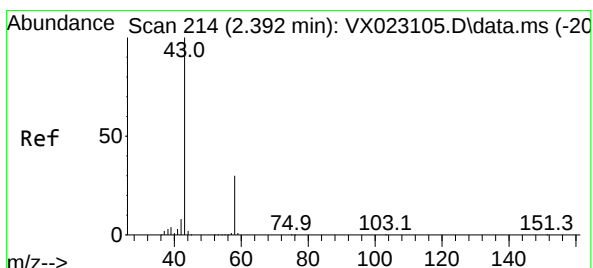
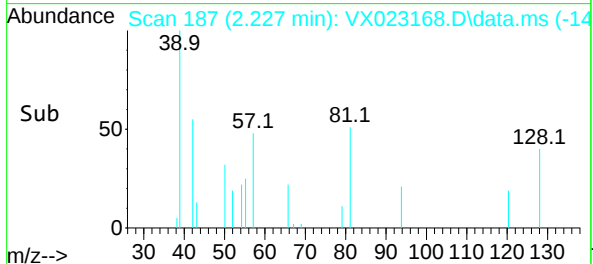
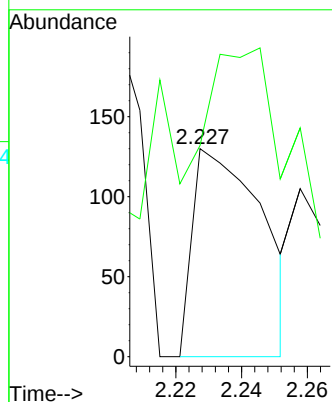
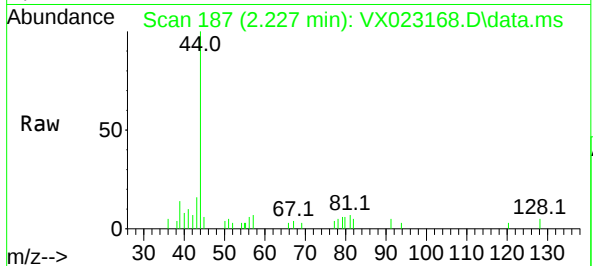




#13
Acrolein
Concen: 0.449 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

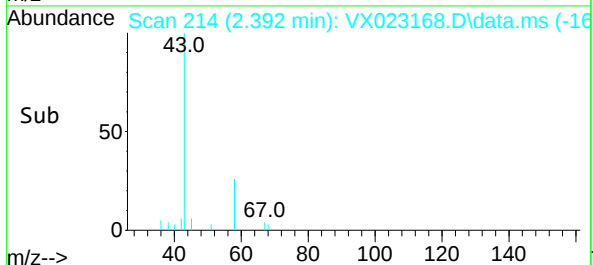
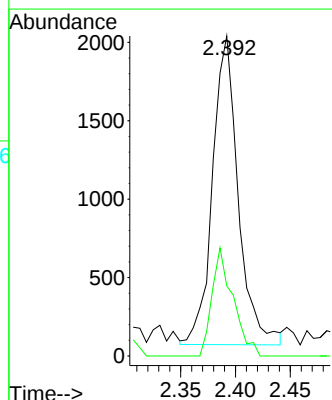
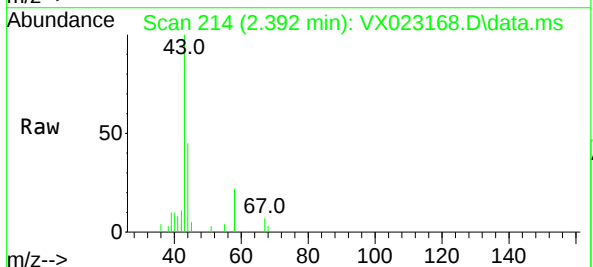
Instrument :
MSVOA_X
ClientSampled :

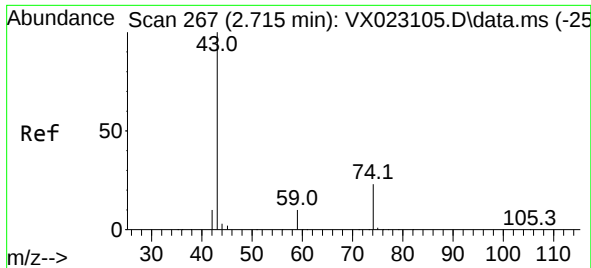
Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 131.9 56.4 84.6#



#16
Acetone
Concen: 2.675 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
58 23.0 27.8 41.8#

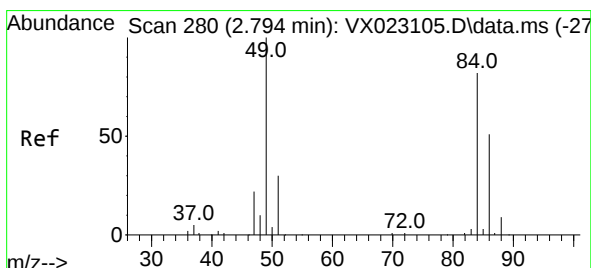
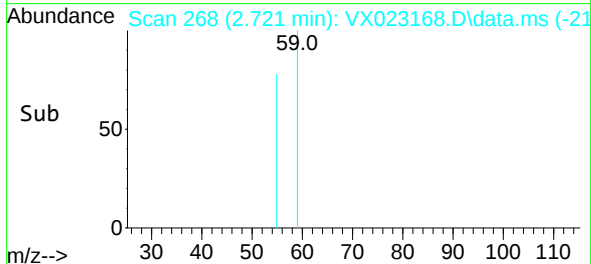
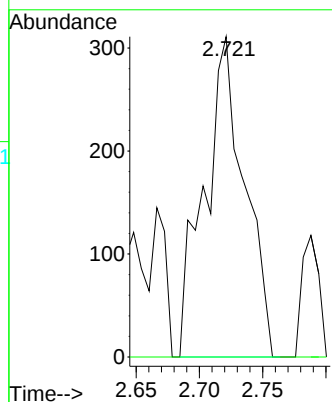
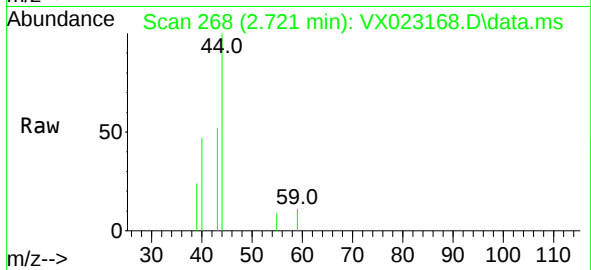




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

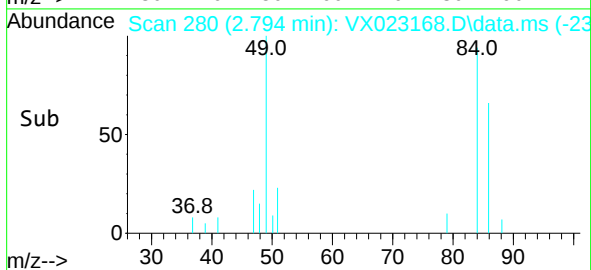
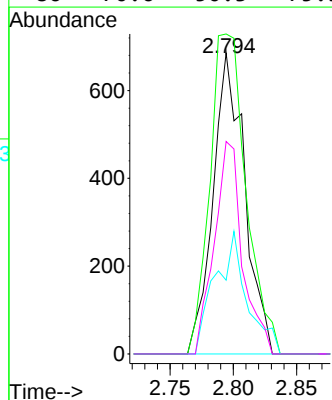
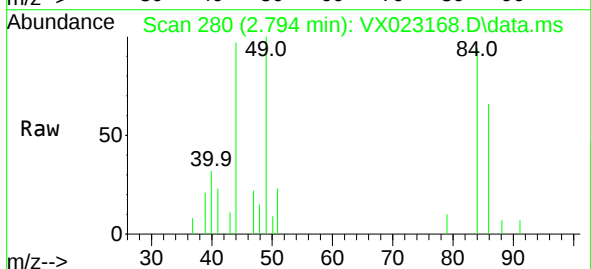
Instrument :
MSVOA_X
ClientSampled :

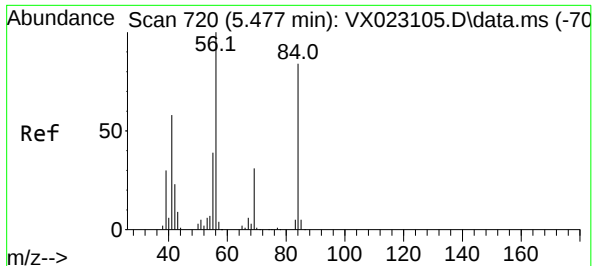
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
49 106.3 88.6 132.8
51 24.5 27.0 40.6#
86 70.6 50.3 75.5

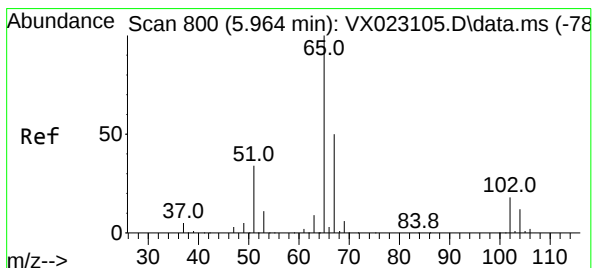
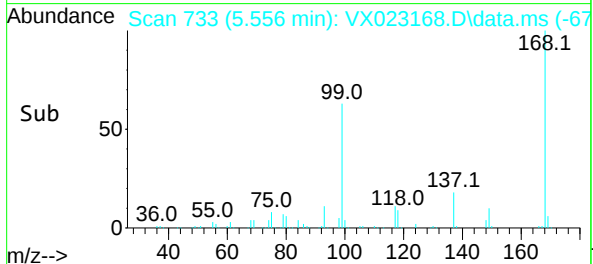
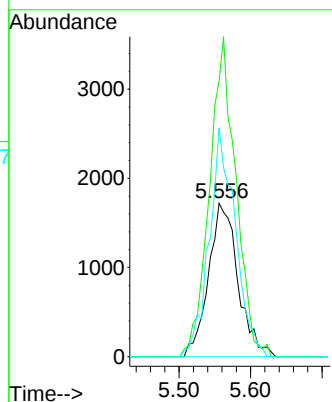
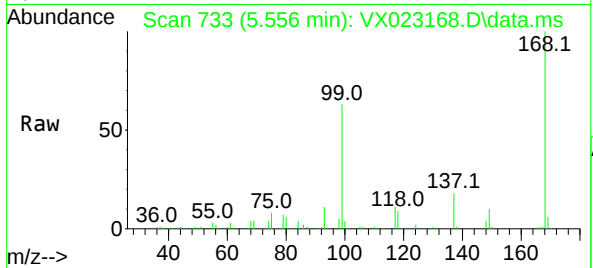




#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

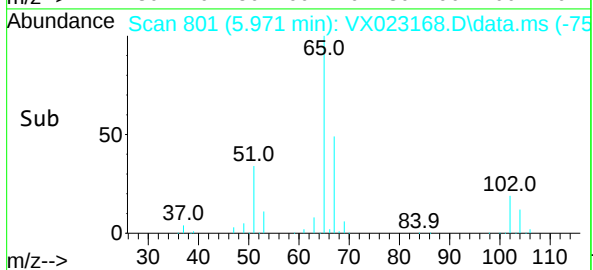
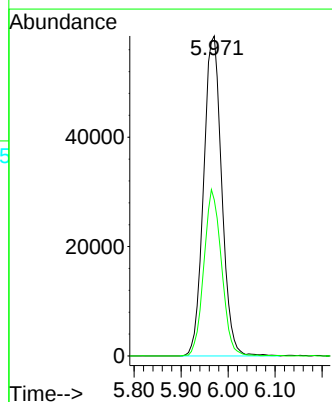
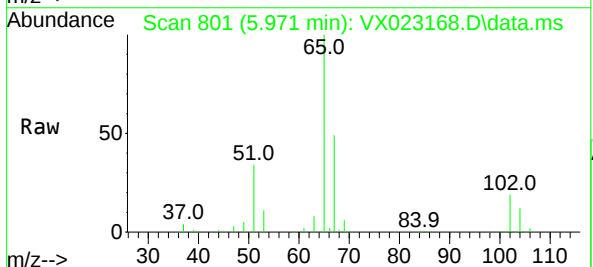
Instrument :
MSVOA_X
ClientSampleId :

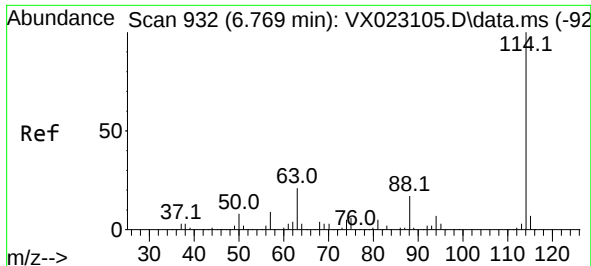
Tgt Ion: 56 Resp: 4923
Ion Ratio Lower Upper
56 100
69 179.6 25.3 37.9#
84 149.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.621 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 65 Resp: 156769
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

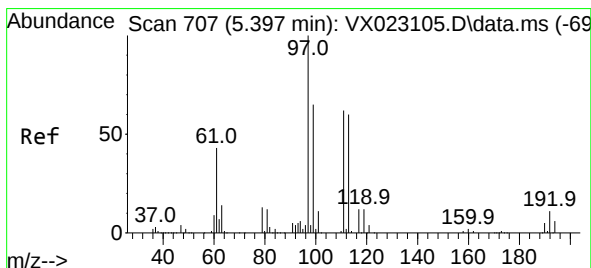
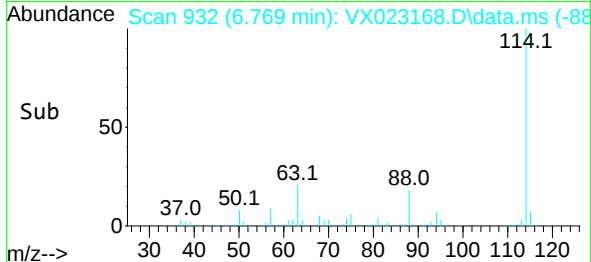
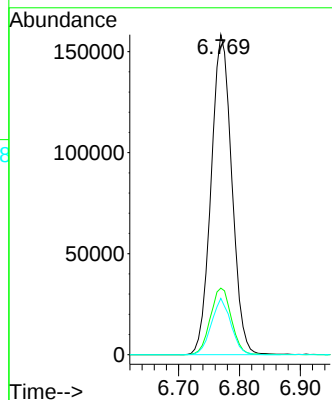
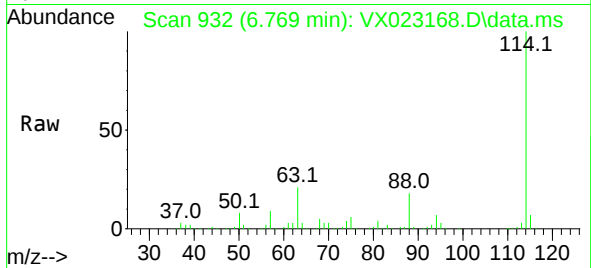




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

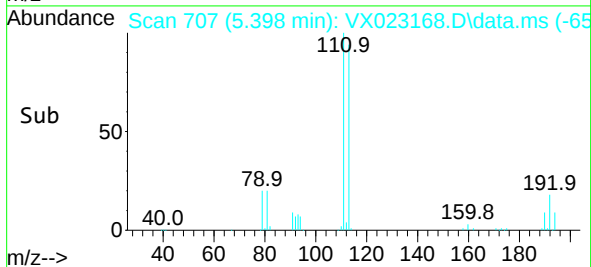
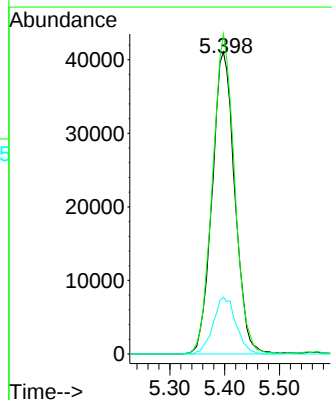
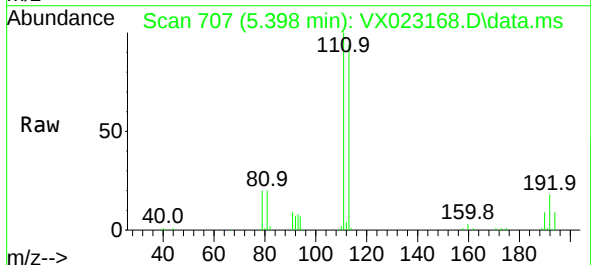
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MSVOA_X
ClientSampled :

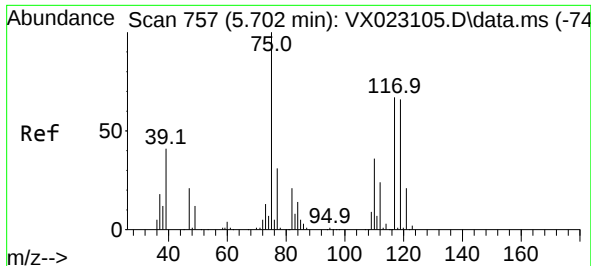
Tgt Ion:114 Resp: 373131
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.704 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion:113 Resp: 117354
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.401 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023168.D

Acq: 07 Jul 2021 13:30

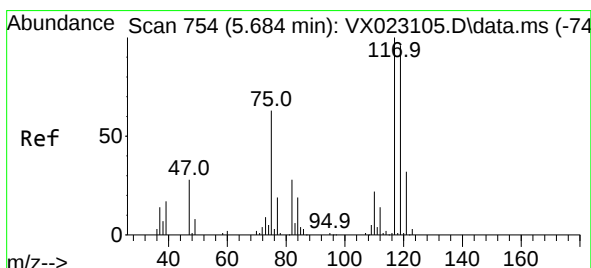
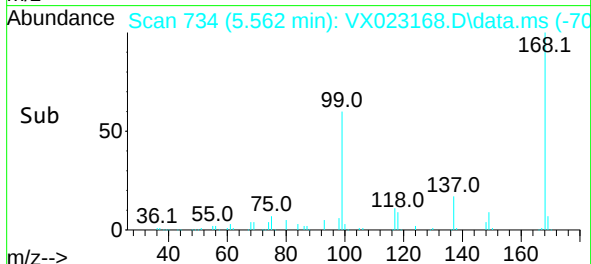
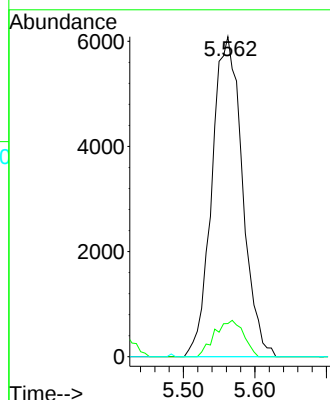
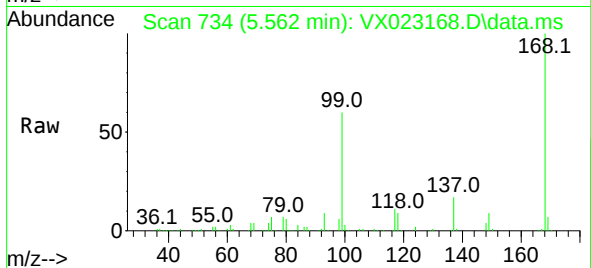
Tgt Ion: 75 Resp: 17967

Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.038 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.116 min

Lab File: VX023168.D

Acq: 07 Jul 2021 13:30

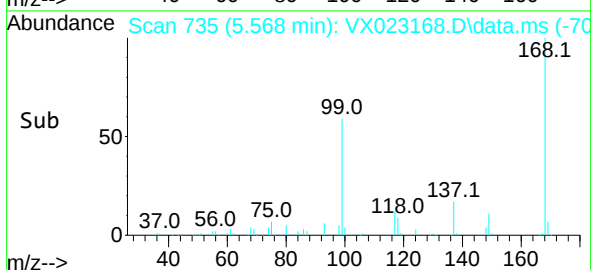
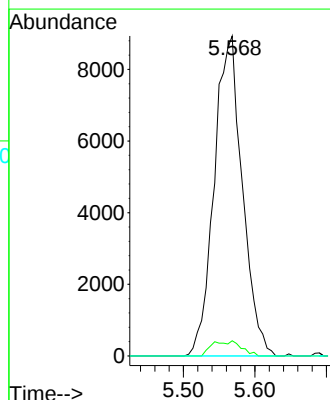
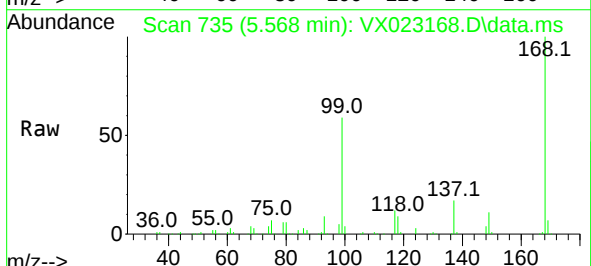
Tgt Ion: 117 Resp: 24435

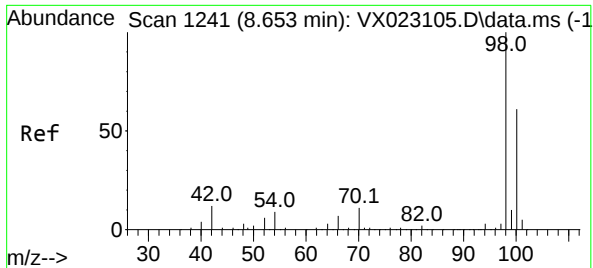
Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.2#

121 0.0 24.8 37.2#

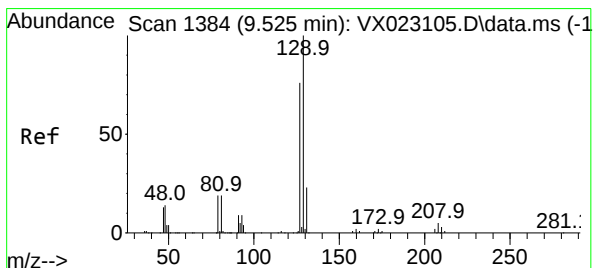
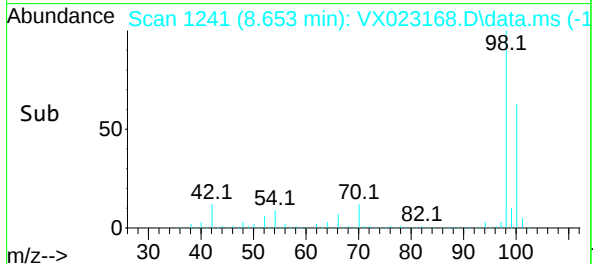
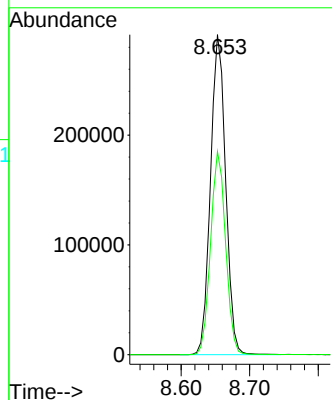
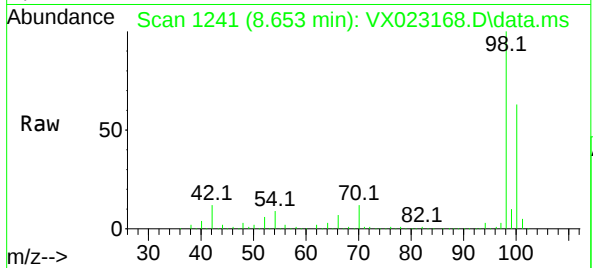




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

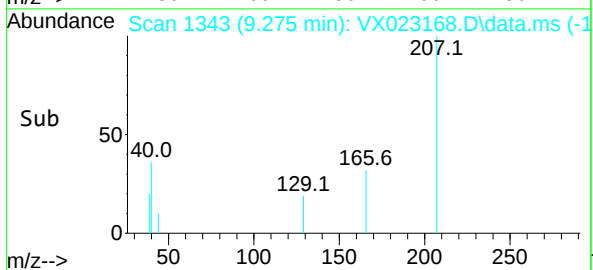
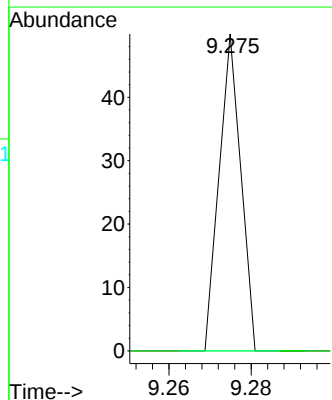
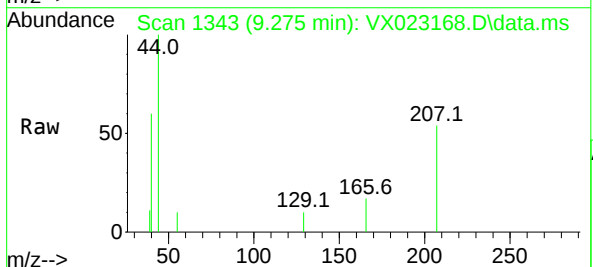
Instrument :
MSVOA_X
ClientSampled :

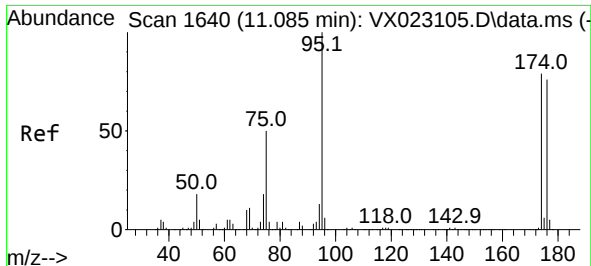
Tgt Ion: 98 Resp: 447460
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#60
Dibromochloromethane
Concen: 3.118 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

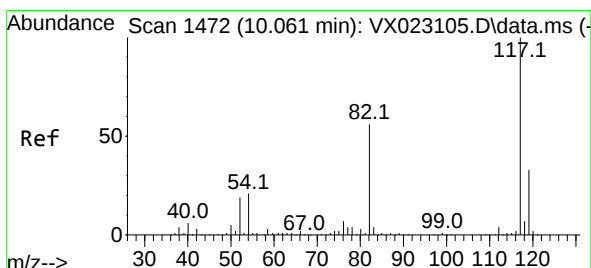
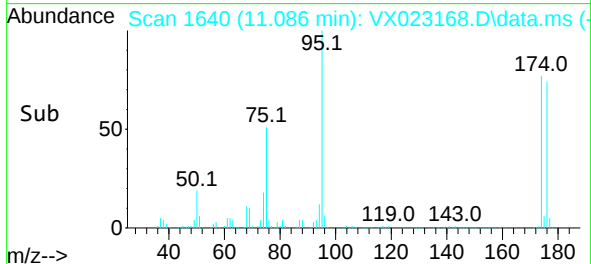
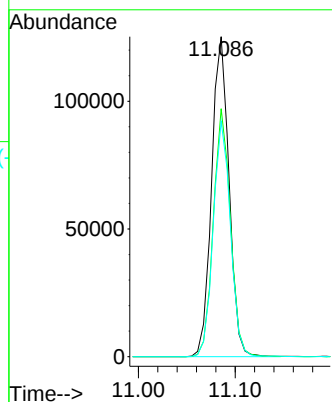
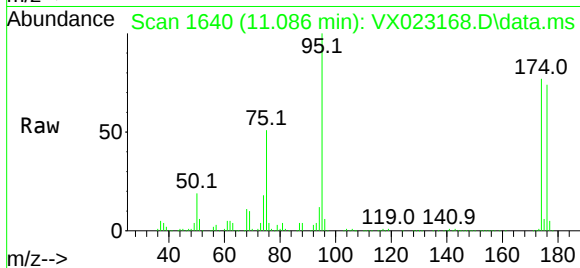




#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

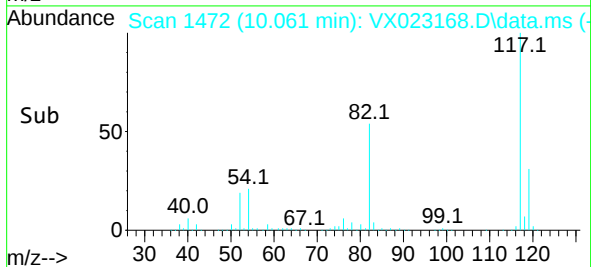
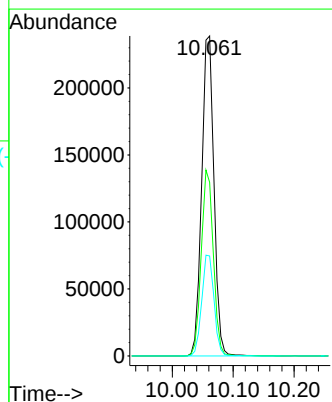
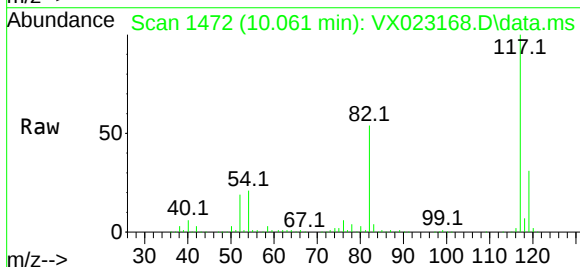
Instrument :
MSVOA_X
ClientSampleId :

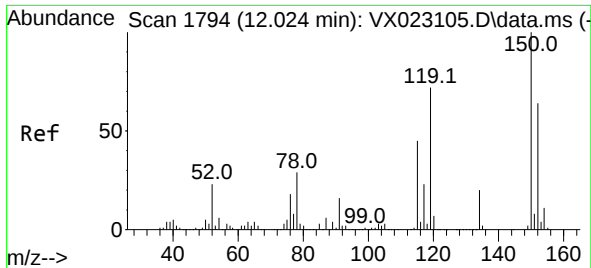
Tgt Ion: 95 Resp: 156702
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 117 Resp: 334924
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.2 26.6 39.8

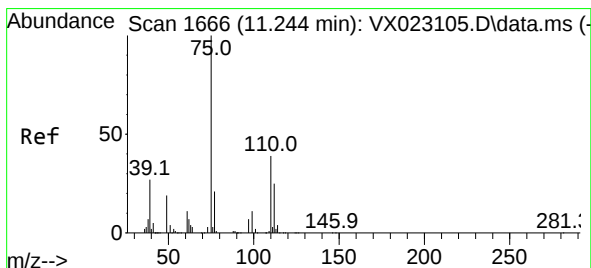
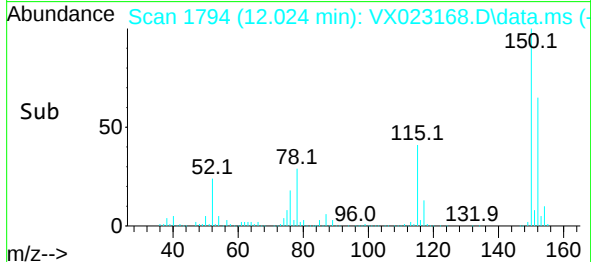
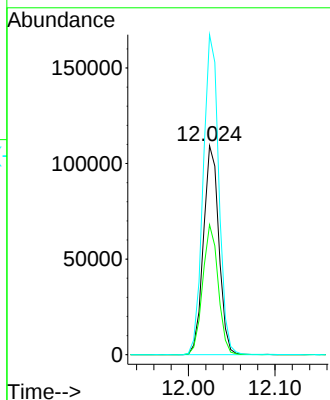
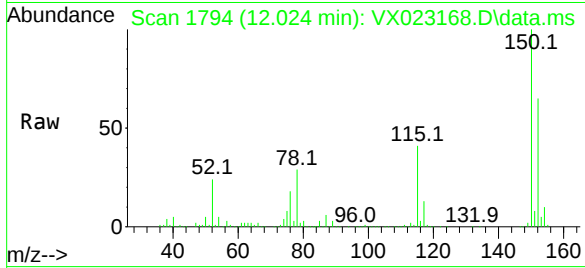




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023168.D
 Acq: 07 Jul 2021 13:30

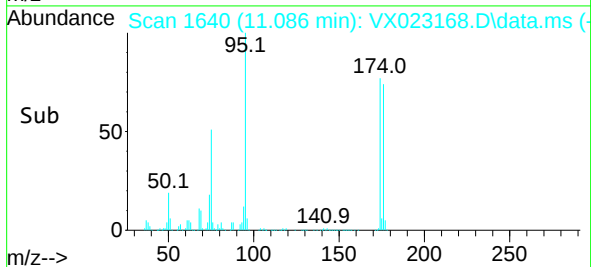
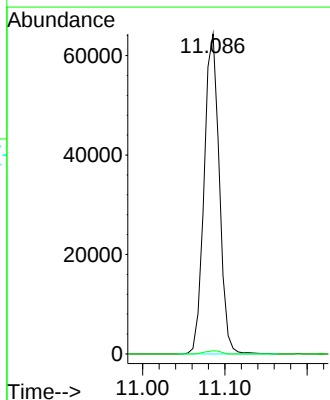
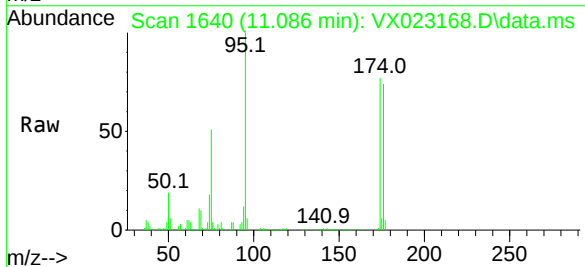
Instrument :
 MSVOA_X
 ClientSampled :

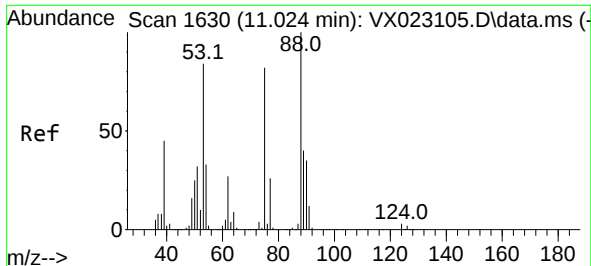
Tgt Ion:152 Resp: 135164
 Ion Ratio Lower Upper
 152 100
 115 62.4 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.275 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023168.D
 Acq: 07 Jul 2021 13:30

Tgt Ion: 75 Resp: 82347
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

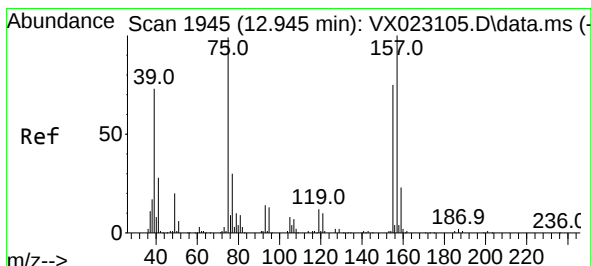
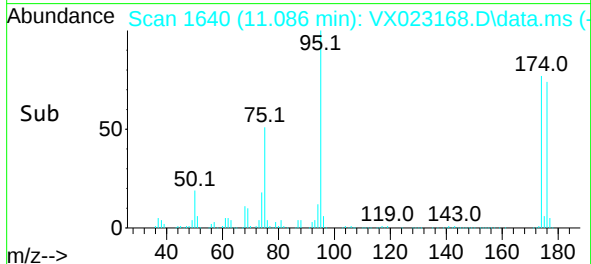
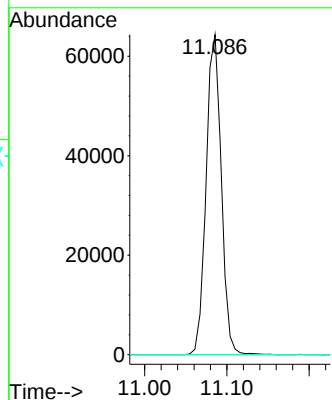
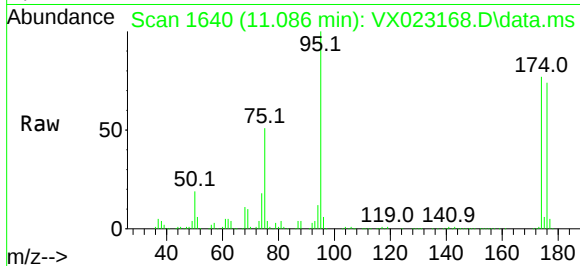




#81
trans-1,4-Dichloro-2-butene
Concen: 81.245 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

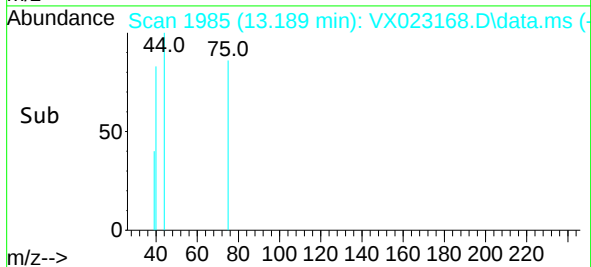
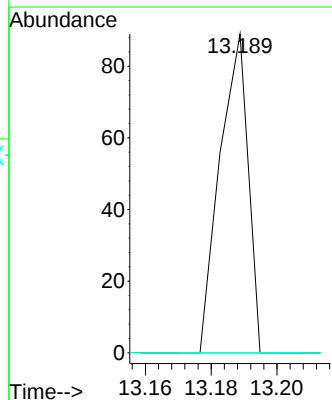
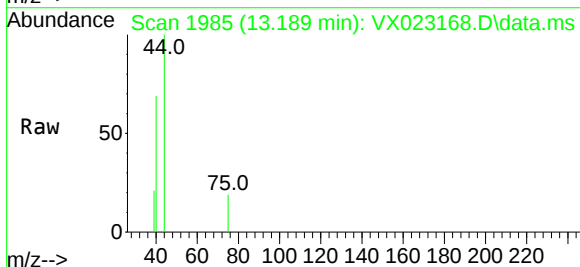
Instrument :
MSVOA_X
ClientSampleId :

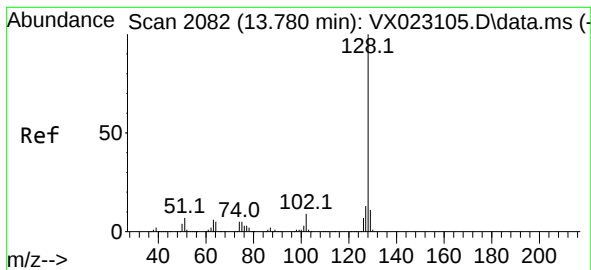
Tgt Ion: 75 Resp: 82347
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.638 ug/l
RT: 13.189 min Scan# 1985
Delta R.T. 0.244 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#





#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023168.D
Acq: 07 Jul 2021 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 161
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

