

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024716.D
 Acq On : 11 Oct 2021 16:51
 Operator : JC/MD
 Sample : M4144-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 17:27:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

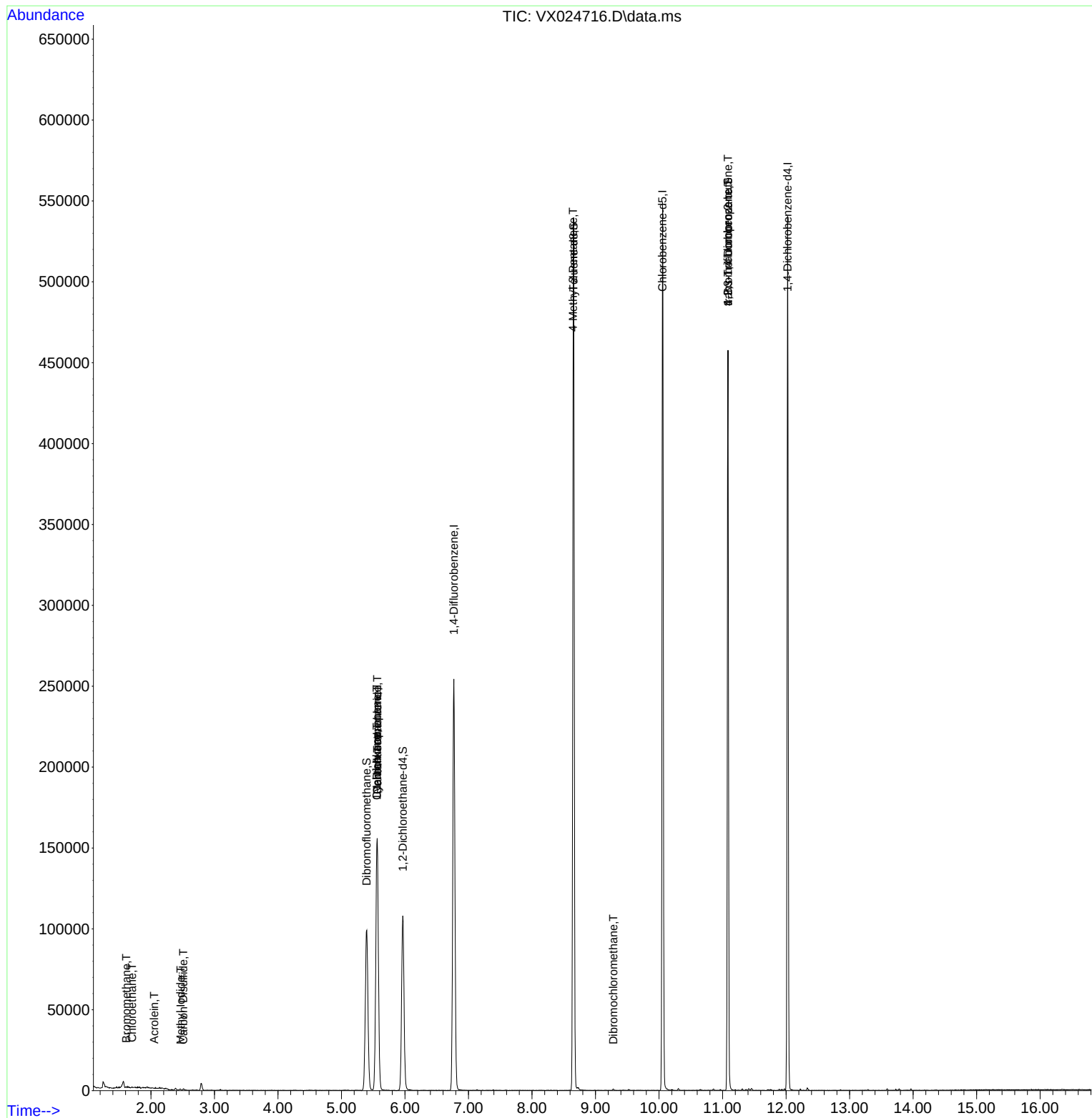
Internal Standards						
1) Pentafluorobenzene	5.562	168	146397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109894	53.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.520%	
35) Dibromofluoromethane	5.397	113	83773	49.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.560%	
50) Toluene-d8	8.653	98	310599	50.150	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	11.085	95	115665	47.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	304	0.311	ug/l	98
6) Chloroethane	1.703	64	225	0.490	ug/l #	43
10) Methyl Iodide	2.465	142	665	0.329	ug/l #	69
13) Acrolein	2.050	56	20	10.230	ug/l #	14
16) Acetone	2.386	43	1235	Below Cal		92
17) Carbon Disulfide	2.508	76	960	0.504	ug/l #	82
31) Cyclohexane	5.556	56	3386	1.370	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11416	4.701	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15075	5.703	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1515	0.498	ug/l #	1
60) Dibromochloromethane	9.281	129	98	1.233	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	61734	25.160	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61734	68.597	ug/l #	12

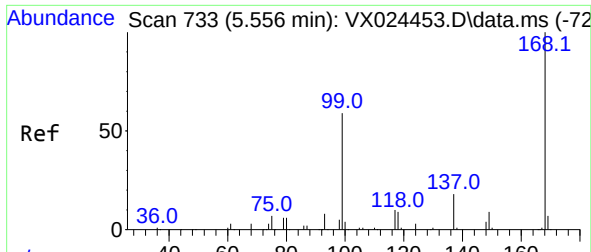
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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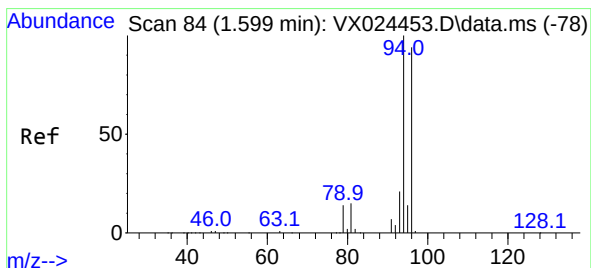
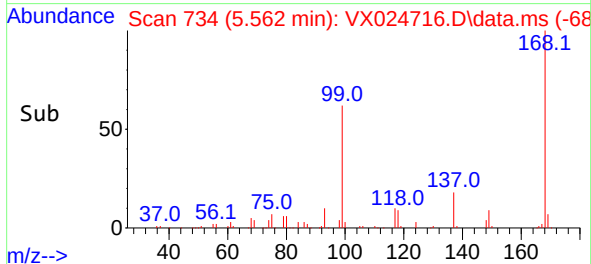
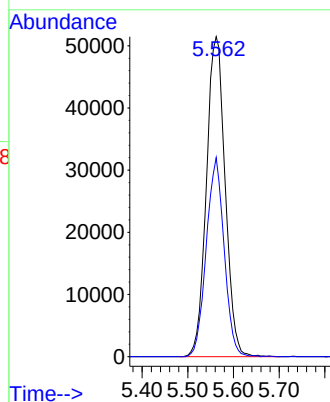
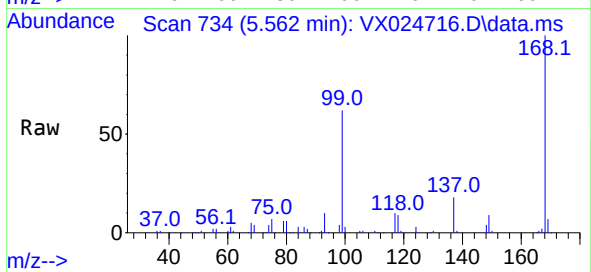




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

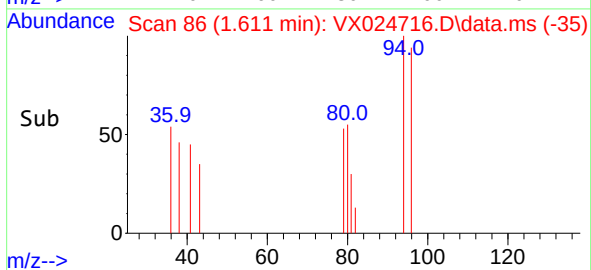
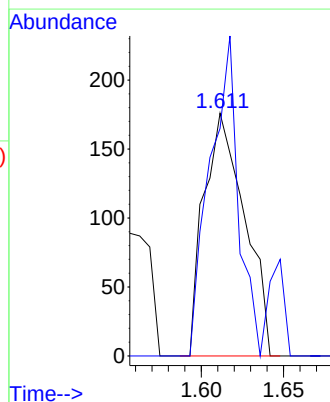
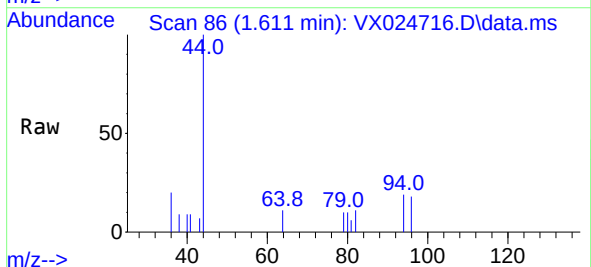
Instrument :
MSVOA_X
ClientSampled :

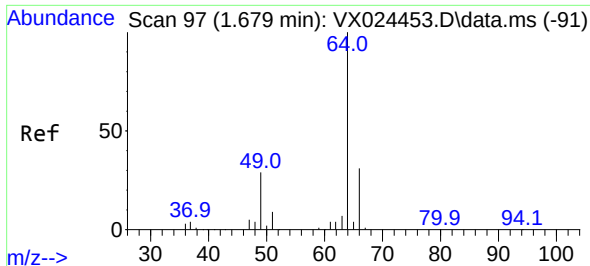
Tgt Ion:168 Resp: 146397
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 93.8 76.4 114.6

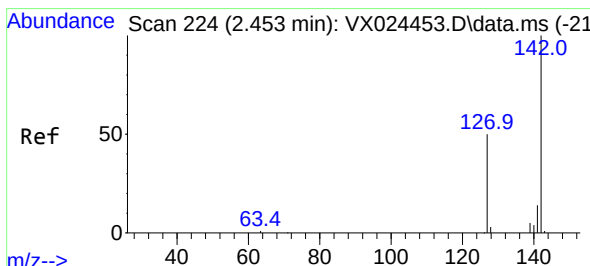
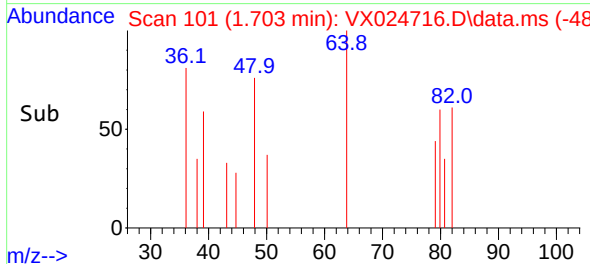
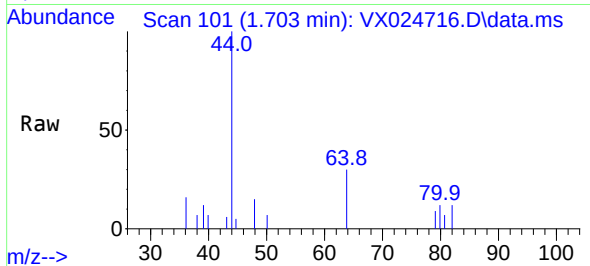




#6
Chloroethane
Concen: 0.490 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

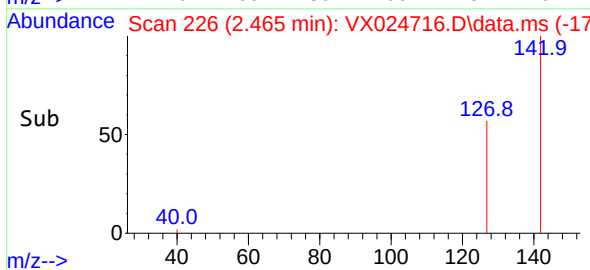
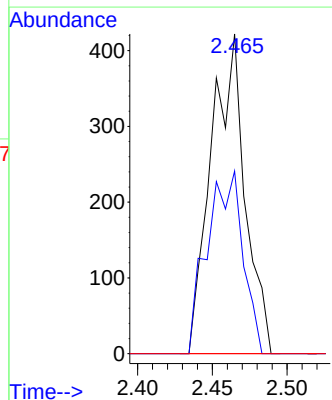
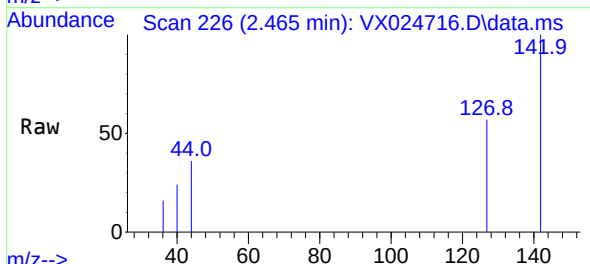
Instrument :
MSVOA_X
ClientSampled :

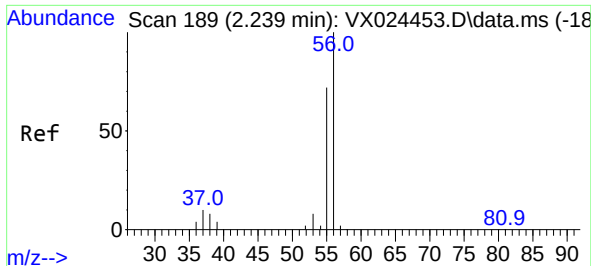
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.329 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 142 Resp: 665
Ion Ratio Lower Upper
142 100
127 60.0 33.3 49.9#
141 0.0 11.4 17.0#

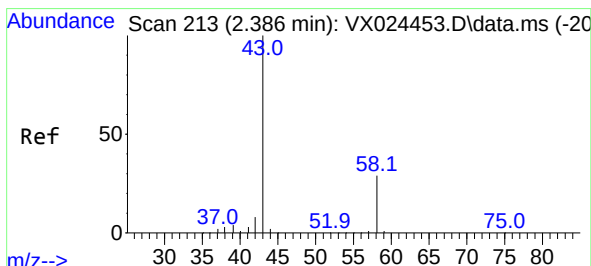
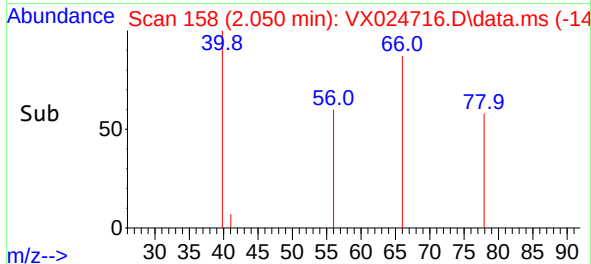
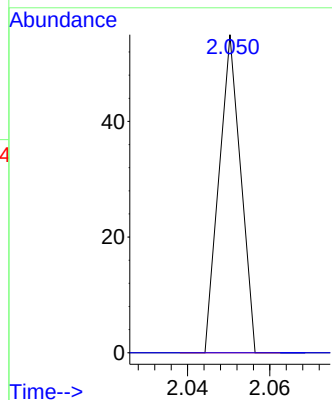
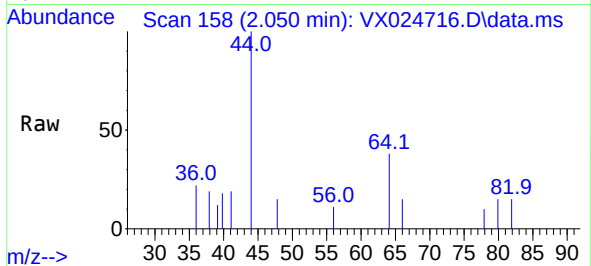




#13
Acrolein
Concen: 10.230 ug/l
RT: 2.050 min Scan# 158
Delta R.T. -0.189 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

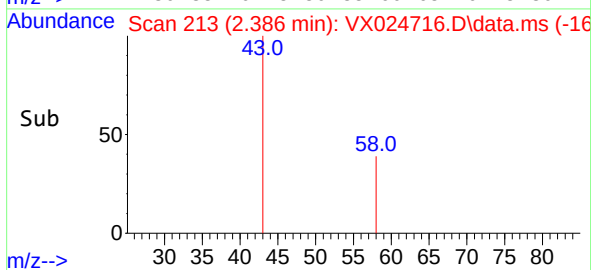
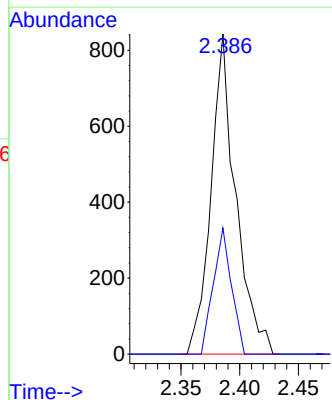
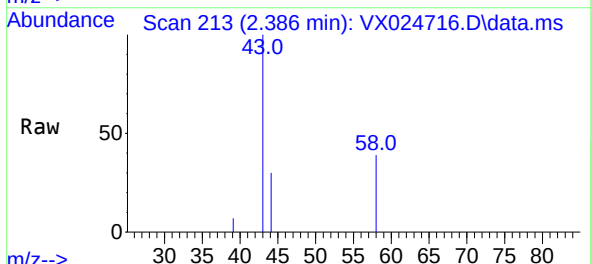
Instrument :
MSVOA_X
ClientSampled :

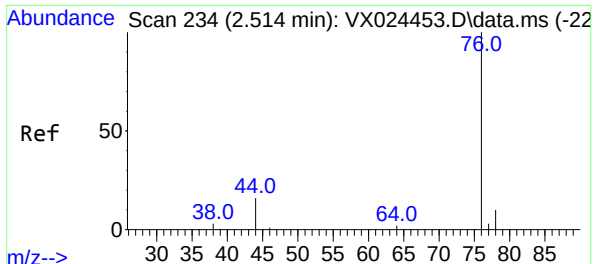
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 39.4 27.8 41.8

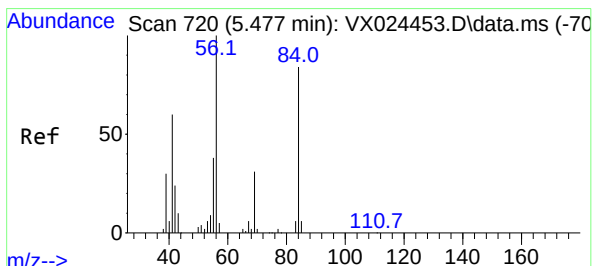
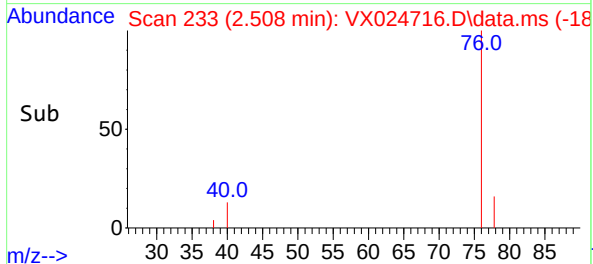
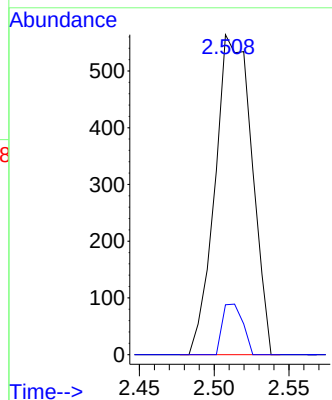
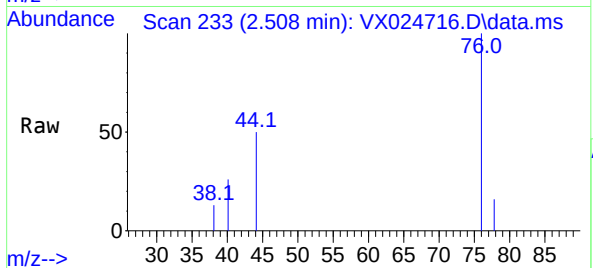




#17
Carbon Disulfide
Concen: 0.504 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

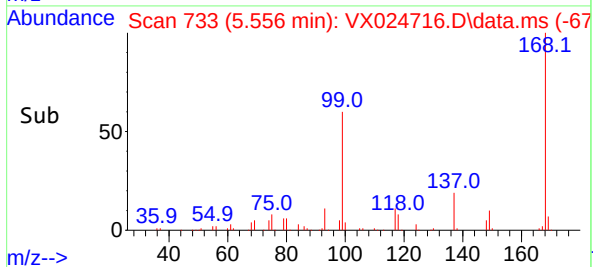
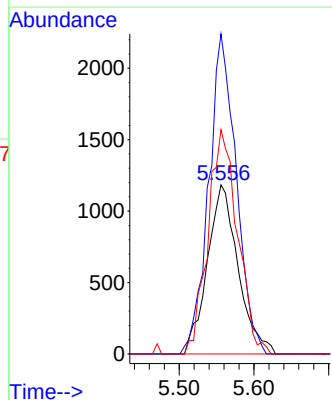
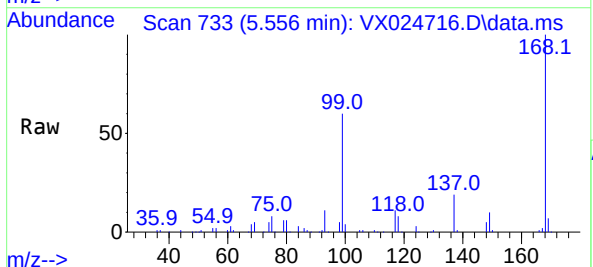
Instrument :
MSVOA_X
ClientSampled :

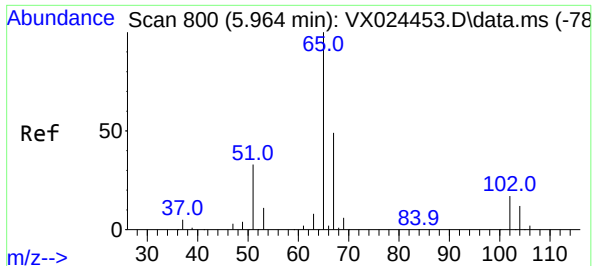
Tgt Ion: 76 Resp: 960
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 56 Resp: 3386
Ion Ratio Lower Upper
56 100
69 189.2 25.3 37.9#
84 132.6 71.4 107.0#



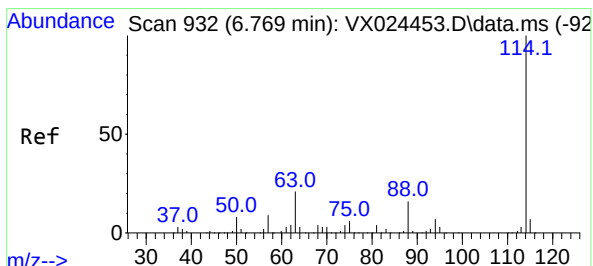
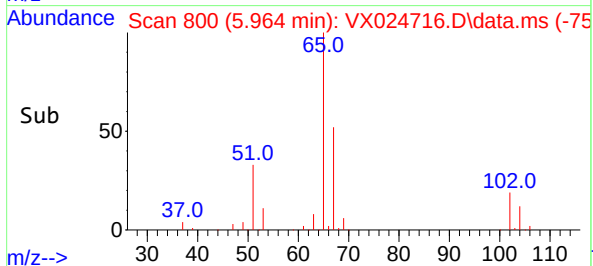
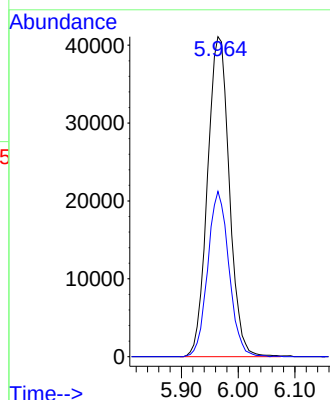
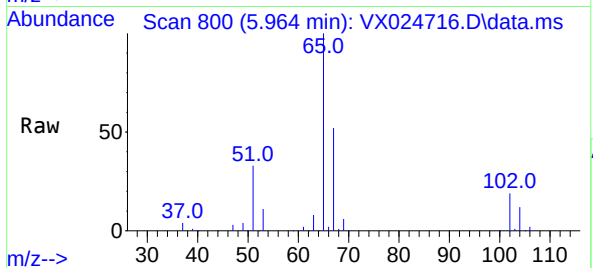


#33

1,2-Dichloroethane-d4
Concen: 53.262 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Instrument :
MSVOA_X
ClientSampled :

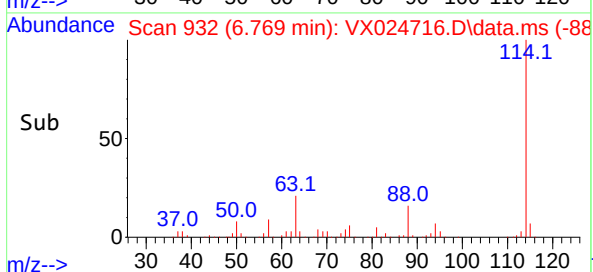
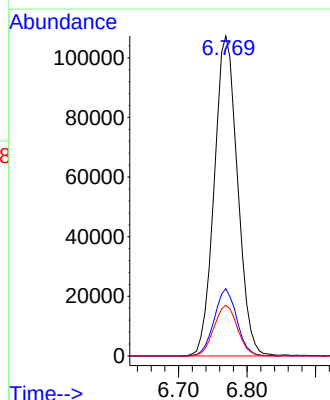
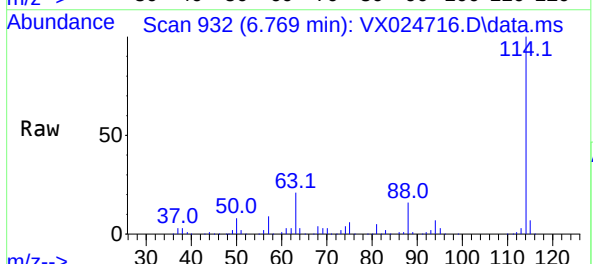
Tgt Ion: 65 Resp: 109894
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

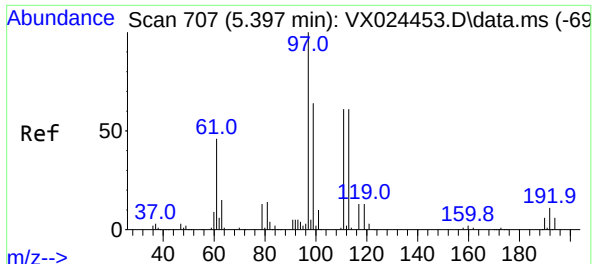


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 114 Resp: 253303
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.9 0.0 32.8

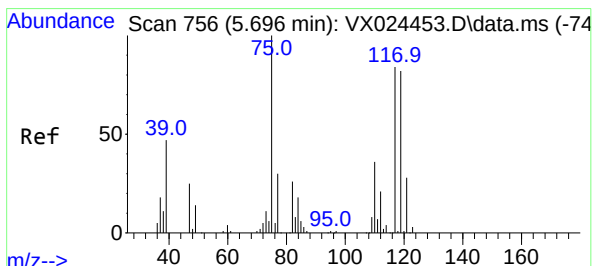
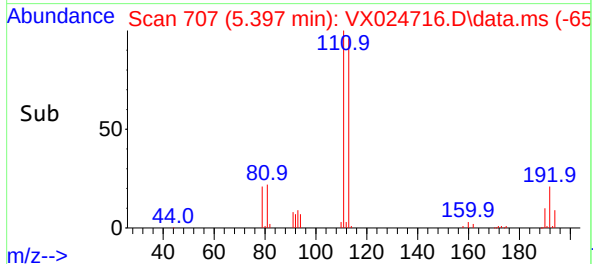
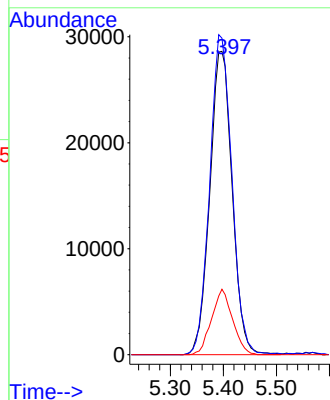
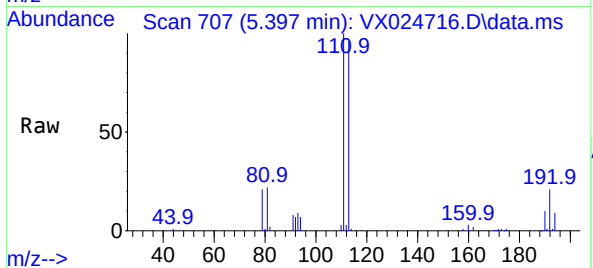




#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

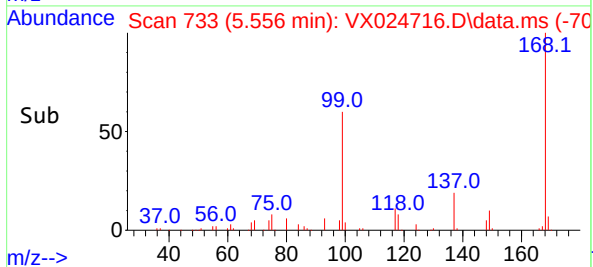
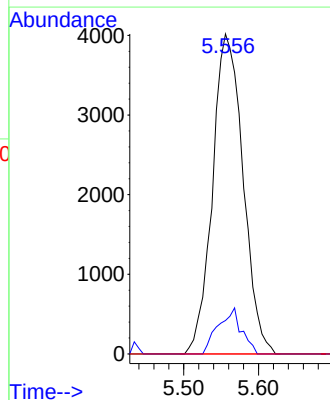
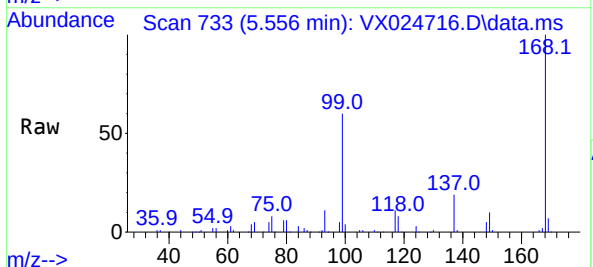
Instrument :
MSVOA_X
ClientSampled :

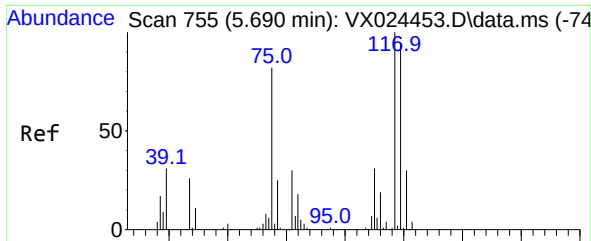
Tgt Ion:113 Resp: 83773
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

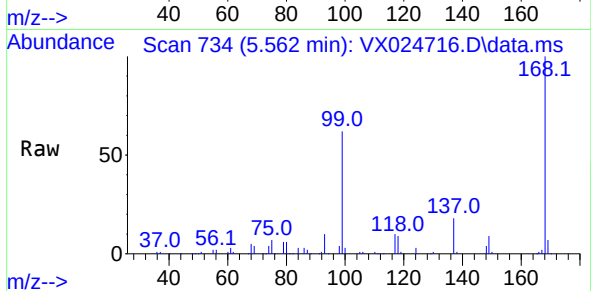
Tgt Ion: 75 Resp: 11416
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



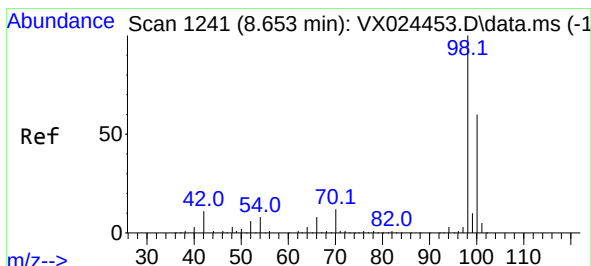
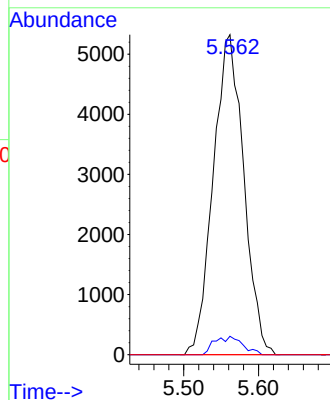
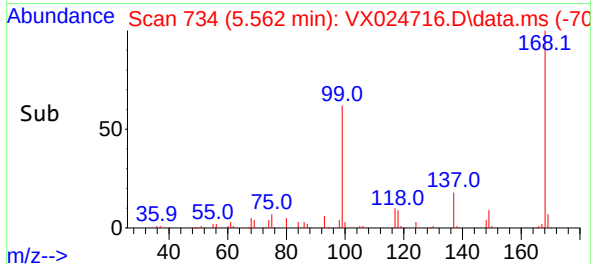


#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

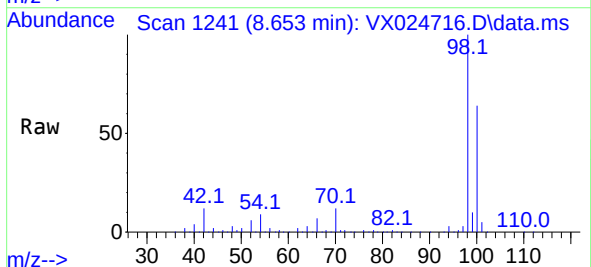
Instrument :
MSVOA_X
ClientSampled :



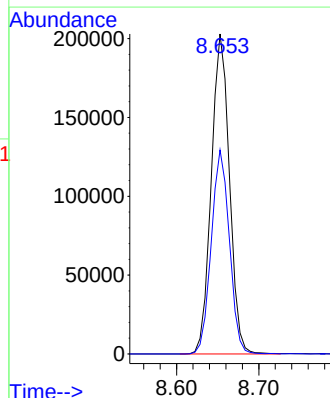
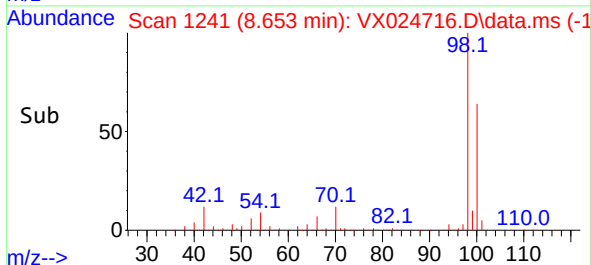
Tgt Ion:117 Resp: 15075
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

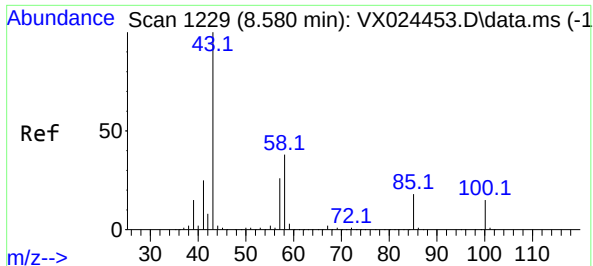


#50
Toluene-d8
Concen: 50.150 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51



Tgt Ion: 98 Resp: 310599
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

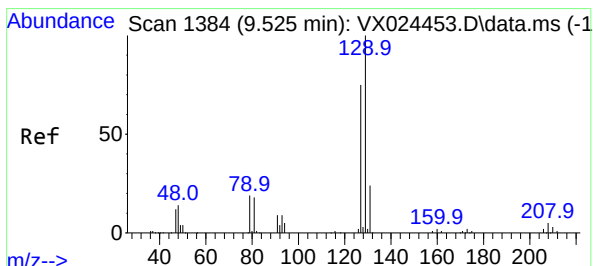
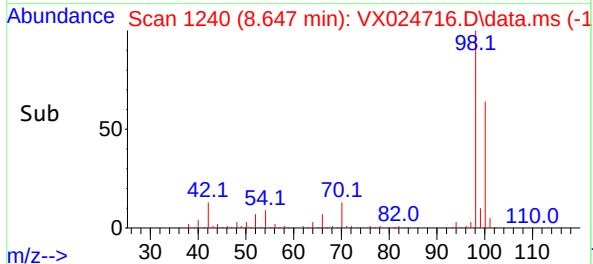
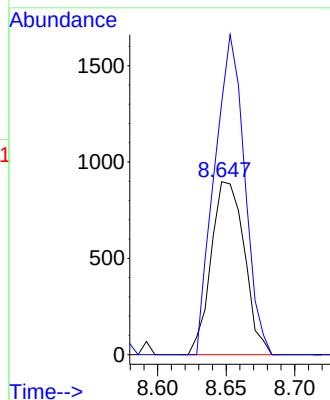
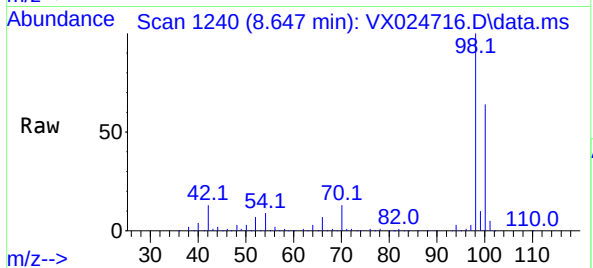




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

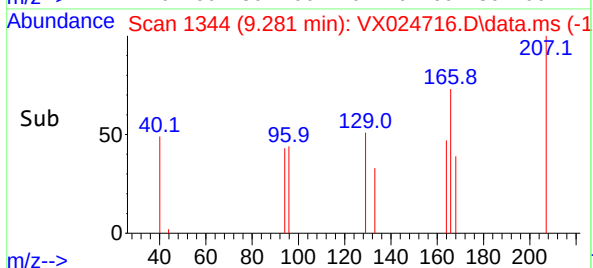
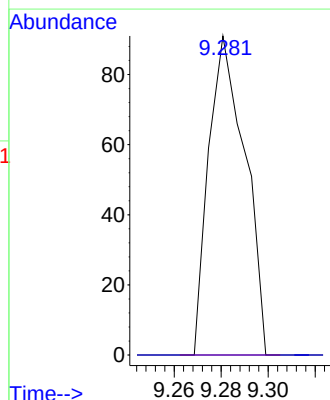
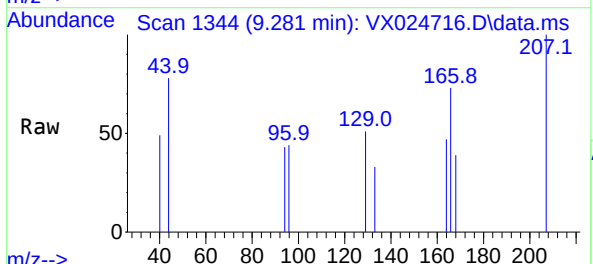
Instrument :
MSVOA_X
ClientSampled :

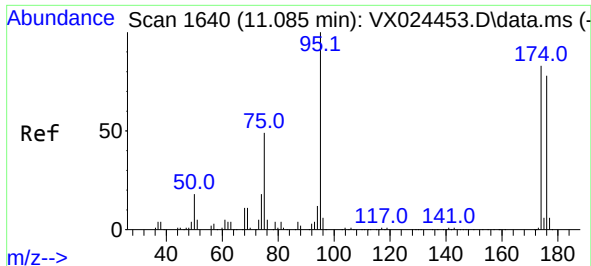
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 167.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.233 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 129 Resp: 98
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

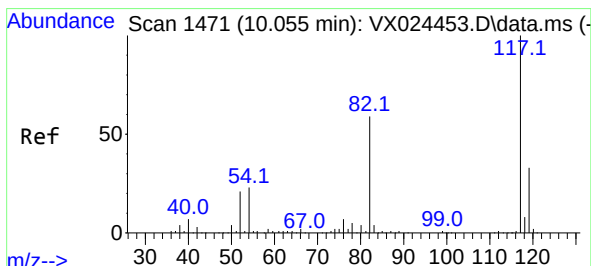
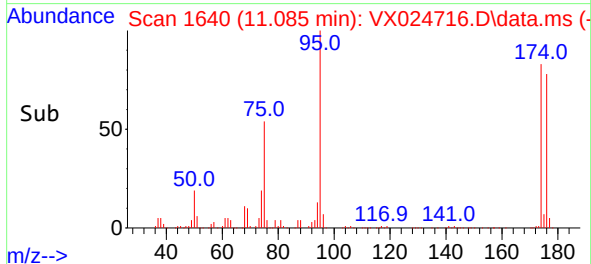
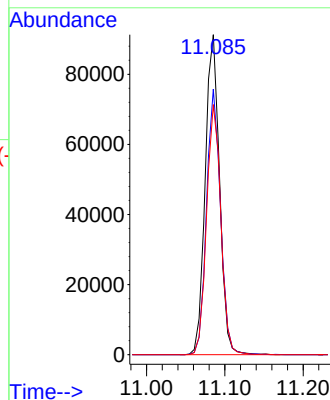
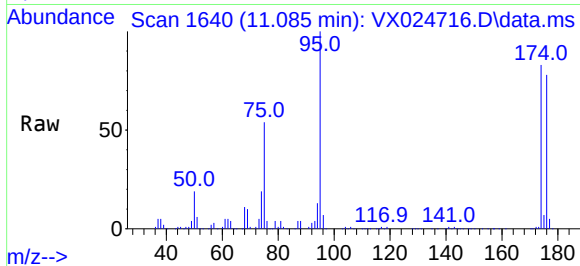




#62
4-Bromofluorobenzene
Concen: 47.498 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

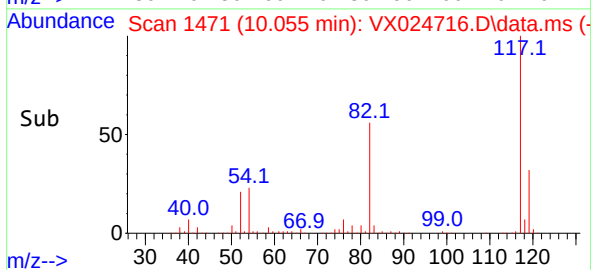
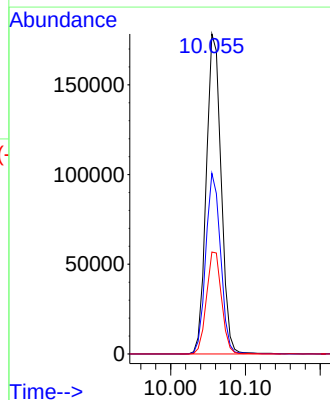
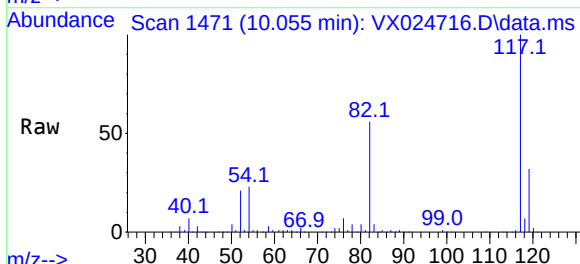
Instrument :
MSVOA_X
ClientSampled :

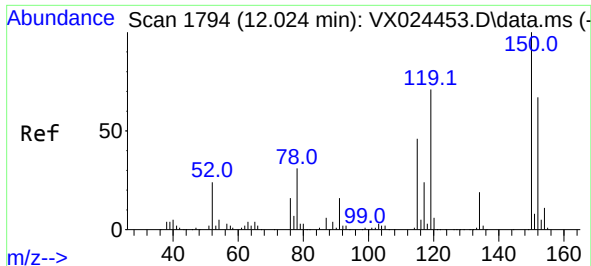
Tgt Ion: 95 Resp: 115665
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Tgt Ion: 117 Resp: 246077
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.8 26.6 39.8

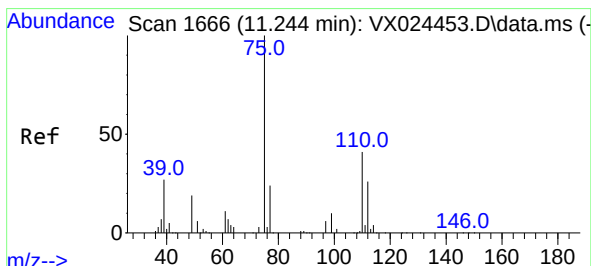
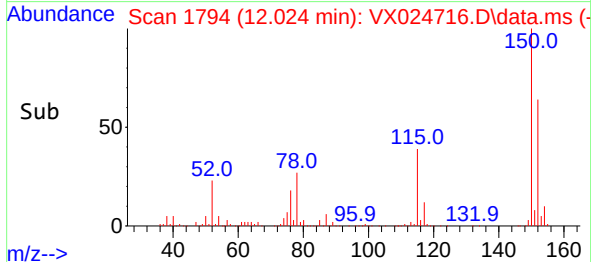
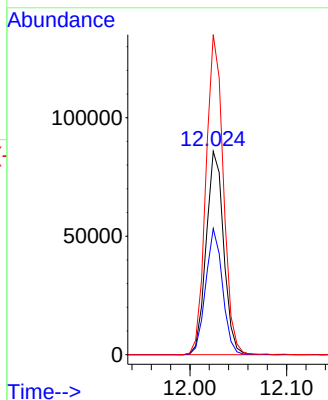
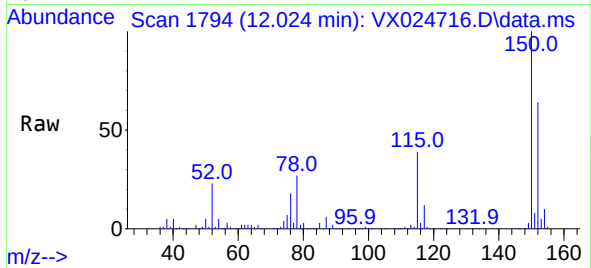




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

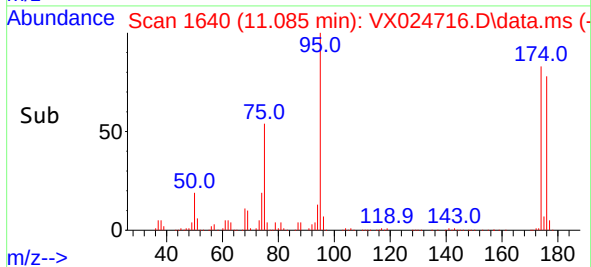
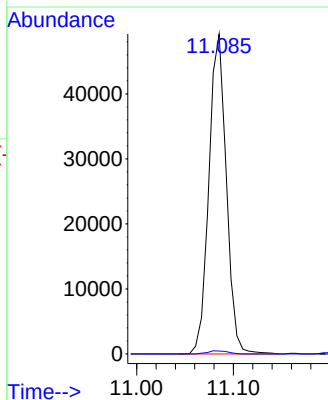
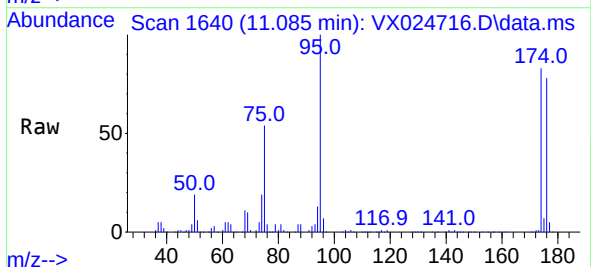
Instrument :
MSVOA_X
ClientSampled :

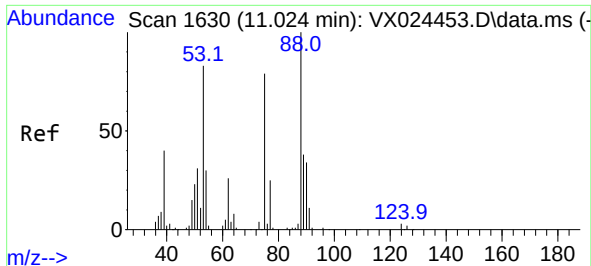
Tgt Ion:152 Resp: 108047
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.160 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

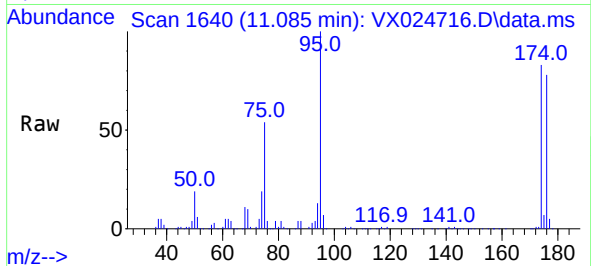
Tgt Ion: 75 Resp: 61734
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.597 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024716.D
Acq: 11 Oct 2021 16:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 61734
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

