

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024712.D
 Acq On : 11 Oct 2021 14:20
 Operator : JC/MD
 Sample : VX1011WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 17:12:40 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)

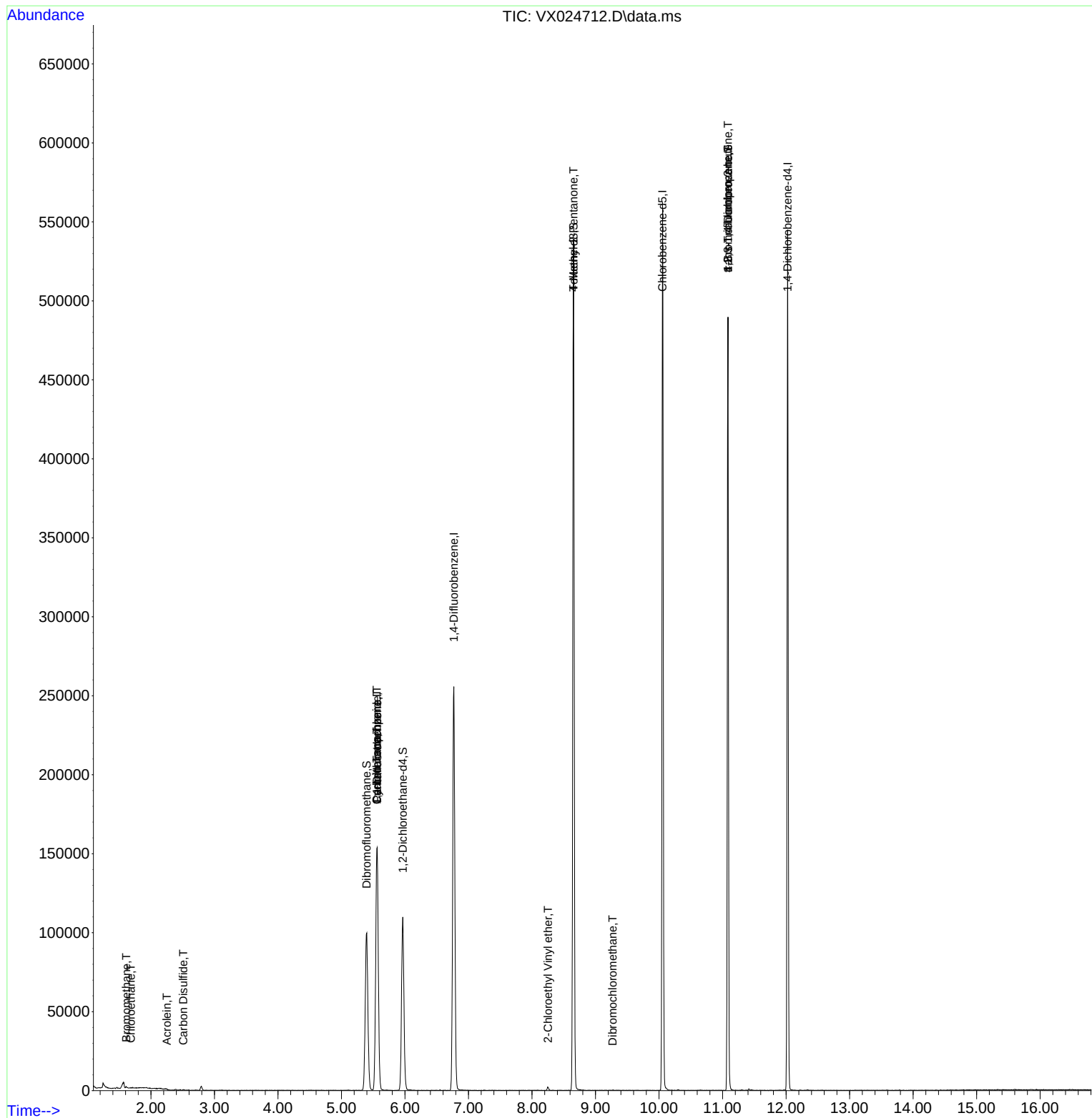
Internal Standards						
1) Pentafluorobenzene	5.562	168	144838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110264	54.016	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.040%		
35) Dibromofluoromethane	5.397	113	85292	50.613	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.220%		
50) Toluene-d8	8.653	98	311691	50.254	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.500%		
62) 4-Bromofluorobenzene	11.085	95	121849	49.966	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	462	0.478	ug/l	87
6) Chloroethane	1.684	64	187	0.453	ug/l #	43
13) Acrolein	2.251	56	43	10.431	ug/l #	14
16) Acetone	2.392	43	517	Below Cal		98
17) Carbon Disulfide	2.507	76	599	0.402	ug/l #	81
20) Methylene Chloride	2.788	84	1175	Below Cal		88
31) Cyclohexane	5.556	56	3417	1.398	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	11672	4.800	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15075	5.695	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1304	0.428	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	876	0.600	ug/l	92
60) Dibromochloromethane	9.268	129	57	1.214	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	66249	26.958	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66249	73.361	ug/l #	12

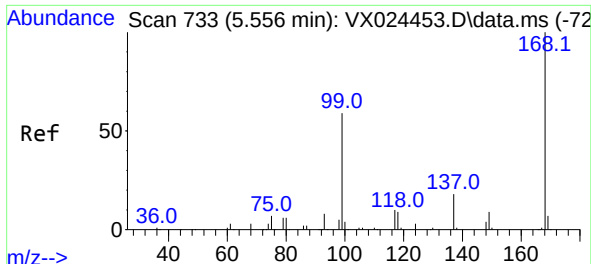
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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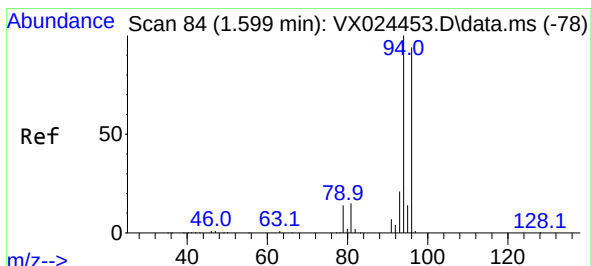
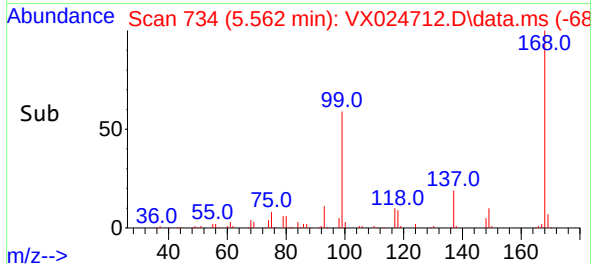
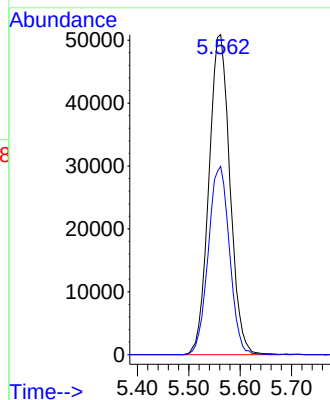
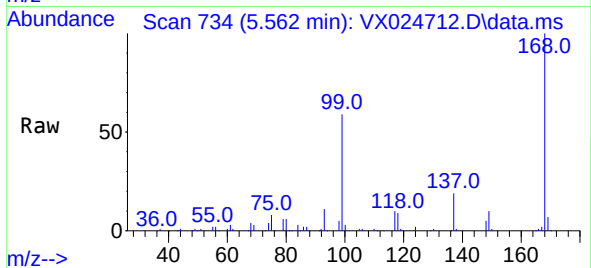




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

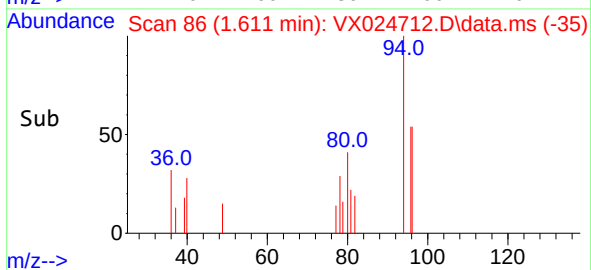
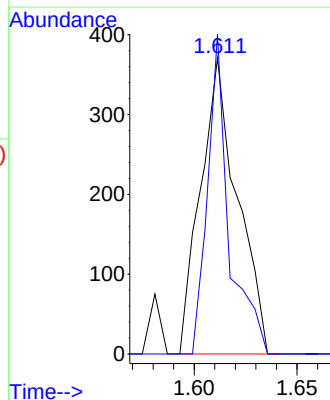
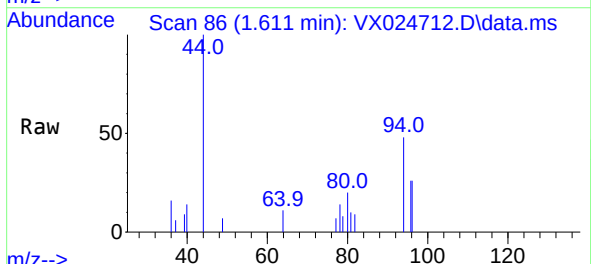
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 144838
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6

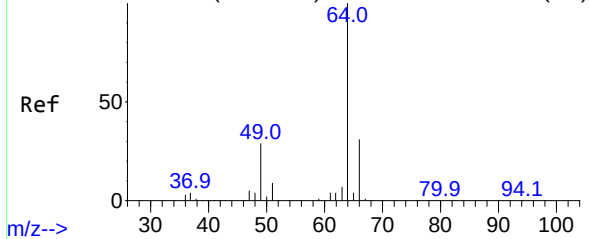


#5
Bromomethane
Concen: 0.478 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 108.1 76.4 114.6



Abundance Scan 97 (1.679 min): VX024453.D\data.ms (-91)

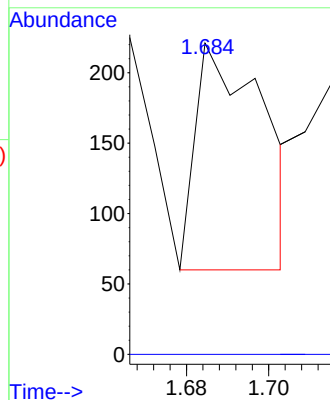
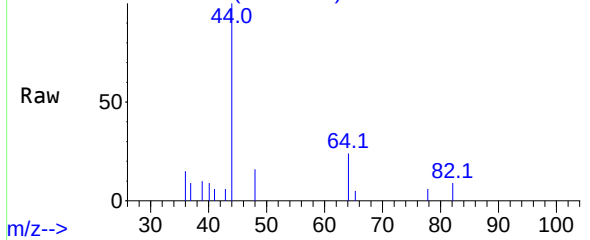


#6
Chloroethane
Concen: 0.453 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

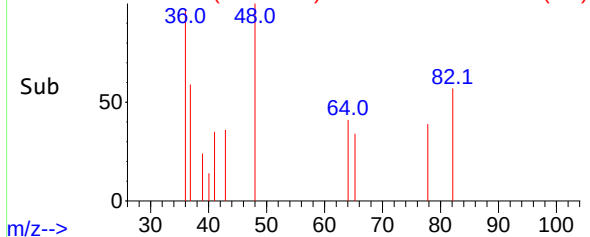
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Instrument :
MSVOA_X
ClientSampled :

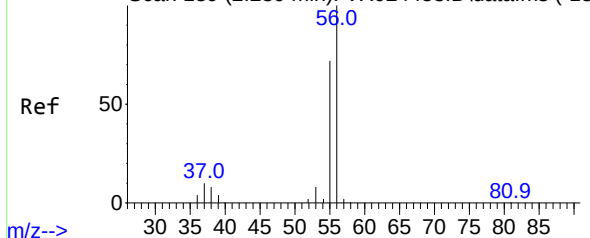
Abundance Scan 98 (1.684 min): VX024712.D\data.ms



Abundance Scan 98 (1.684 min): VX024712.D\data.ms (-48)



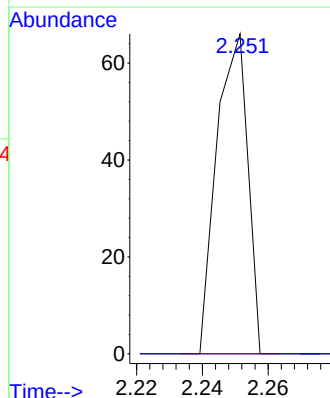
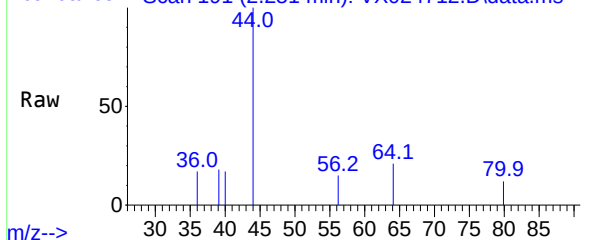
Abundance Scan 189 (2.239 min): VX024453.D\data.ms (-18)



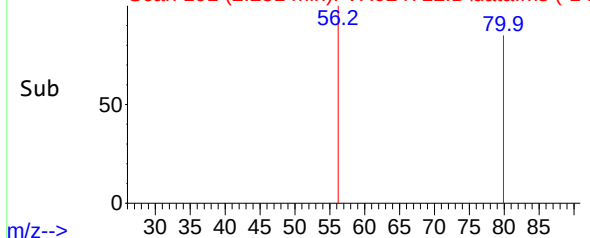
#13
Acrolein
Concen: 10.431 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

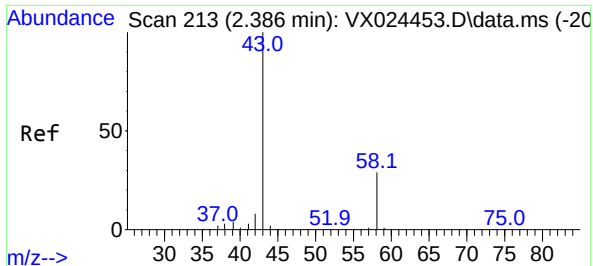
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

Abundance Scan 191 (2.251 min): VX024712.D\data.ms



Abundance Scan 191 (2.251 min): VX024712.D\data.ms (-14)





#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX024712.D

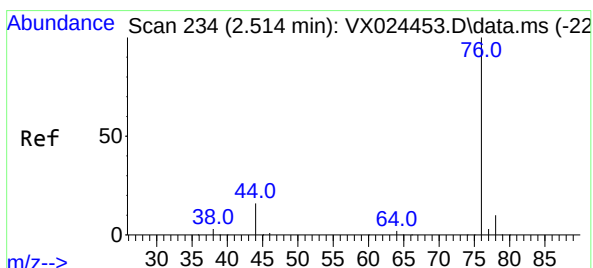
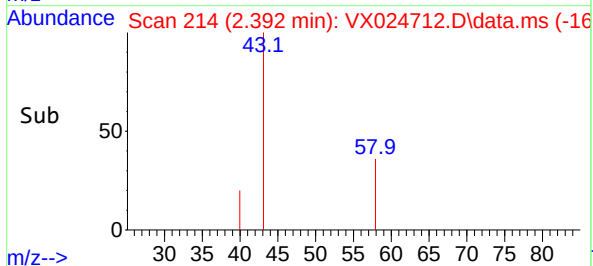
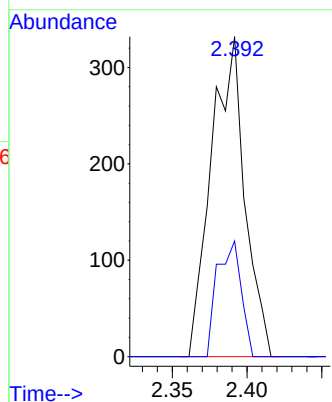
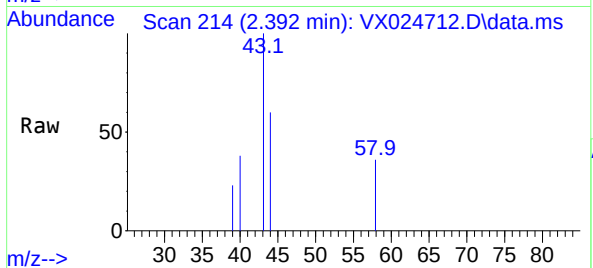
Acq: 11 Oct 2021 14:20

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

58 36.1 27.8 41.8



#17

Carbon Disulfide

Concen: 0.402 ug/l

RT: 2.507 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX024712.D

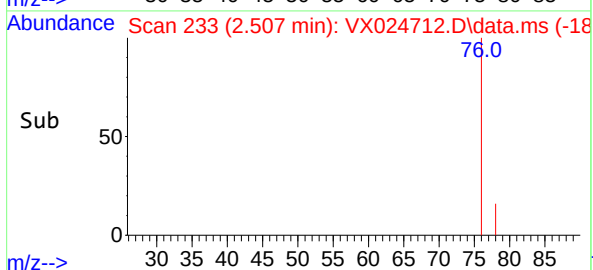
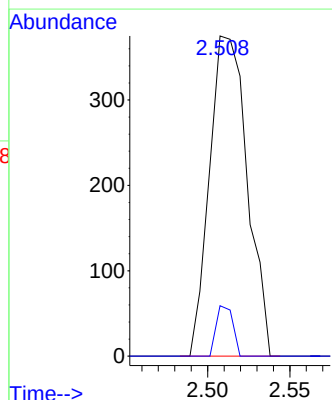
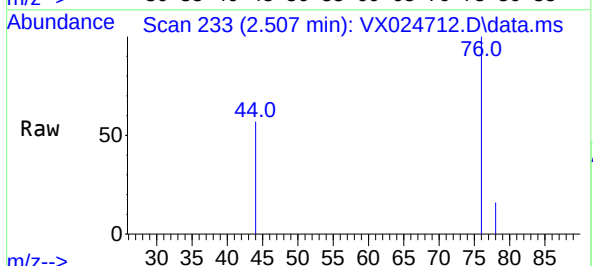
Acq: 11 Oct 2021 14:20

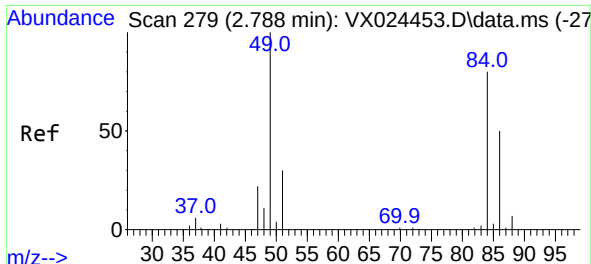
Tgt Ion: 76 Resp: 599

Ion Ratio Lower Upper

76 100

78 15.7 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX024712.D

Acq: 11 Oct 2021 14:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1175

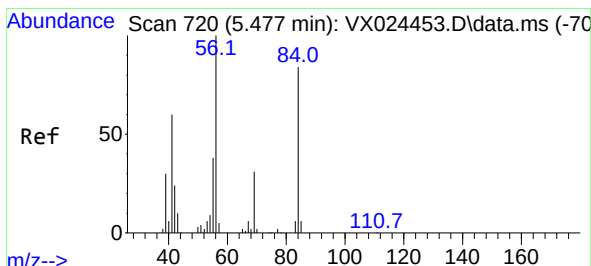
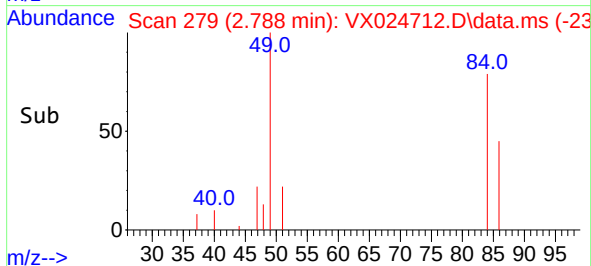
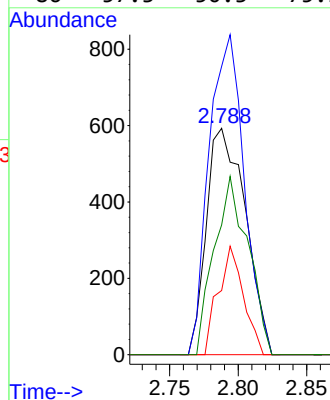
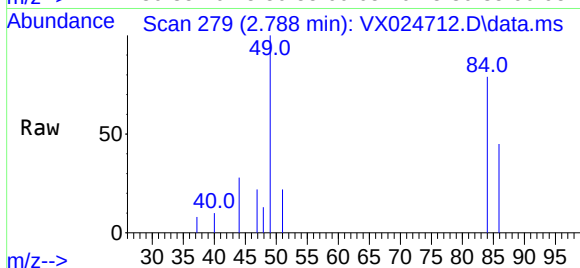
Ion Ratio Lower Upper

84 100

49 127.3 88.6 132.8

51 28.3 27.0 40.6

86 57.3 50.3 75.5



#31

Cyclohexane

Concen: 1.398 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024712.D

Acq: 11 Oct 2021 14:20

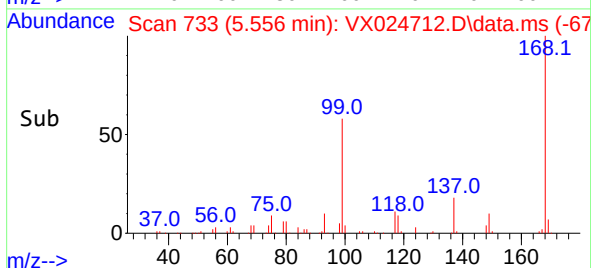
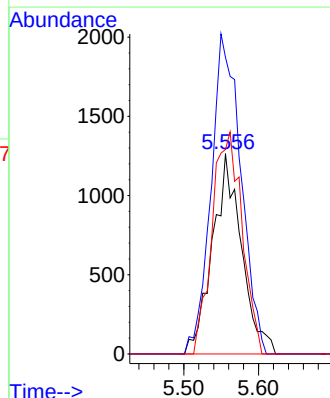
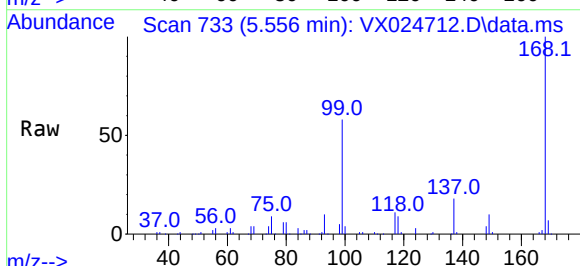
Tgt Ion: 56 Resp: 3417

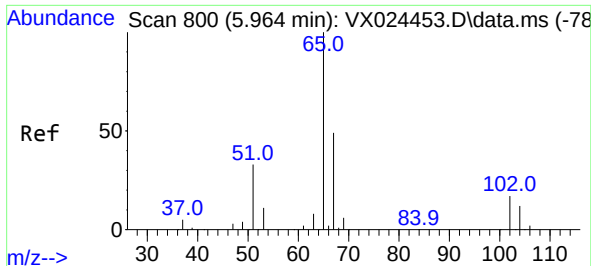
Ion Ratio Lower Upper

56 100

69 148.2 25.3 37.9#

84 102.1 71.4 107.0



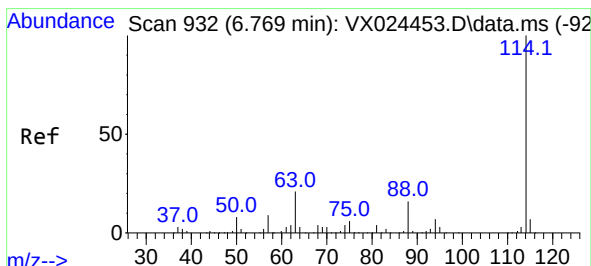
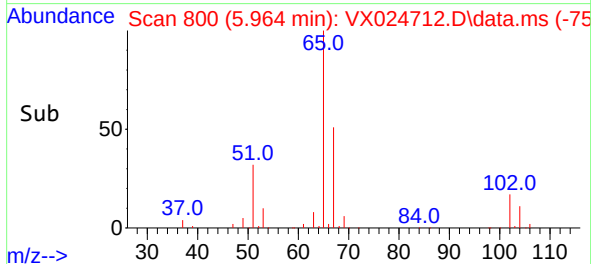
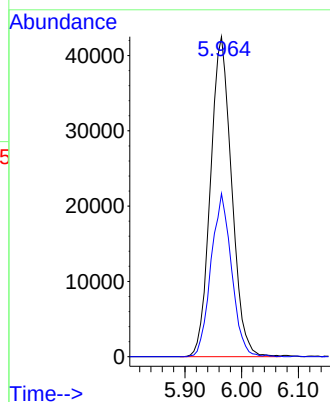
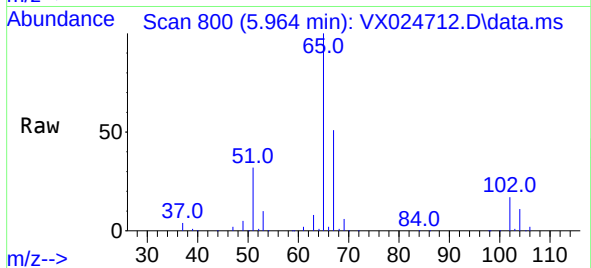


#33

1,2-Dichloroethane-d4
Concen: 54.016 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Instrument :
MSVOA_X
ClientSampled :

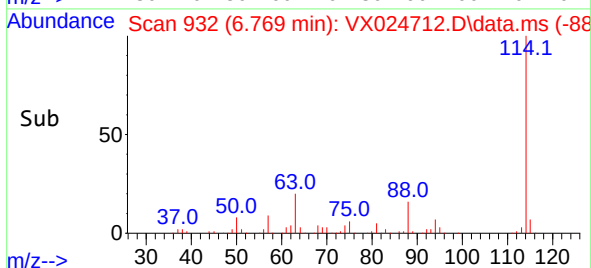
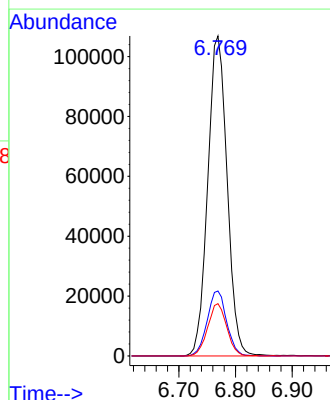
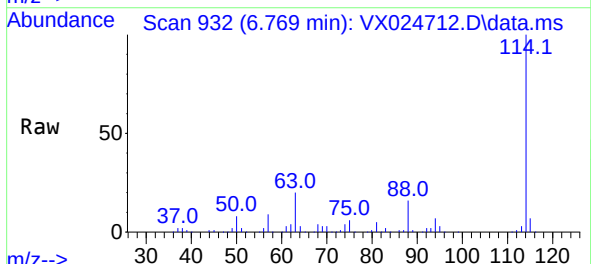
Tgt Ion: 65 Resp: 110264
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

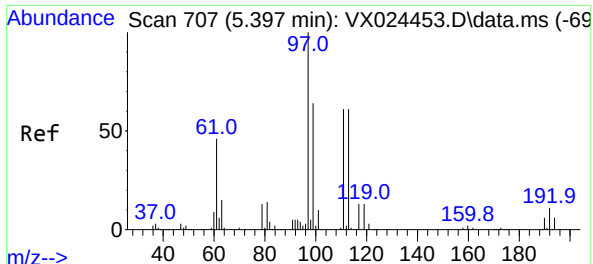


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Tgt Ion: 114 Resp: 253668
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.3 0.0 32.8

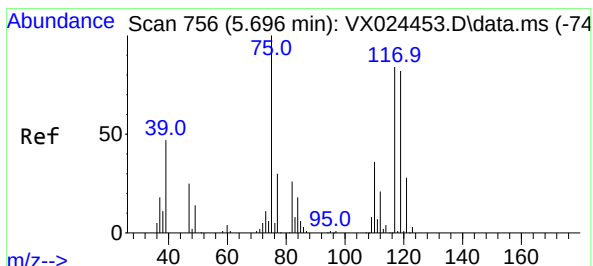
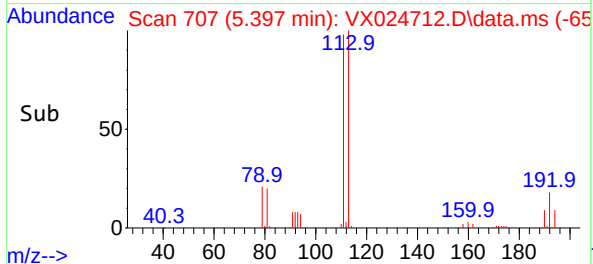
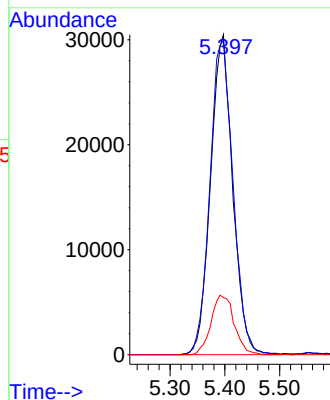
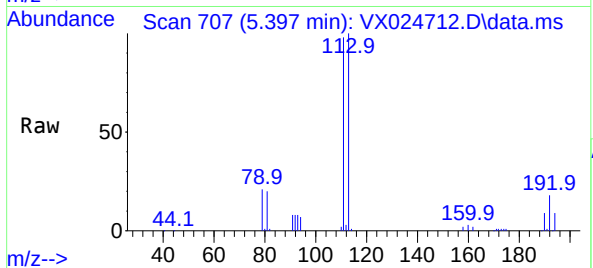




#35
Dibromofluoromethane
Concen: 50.613 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

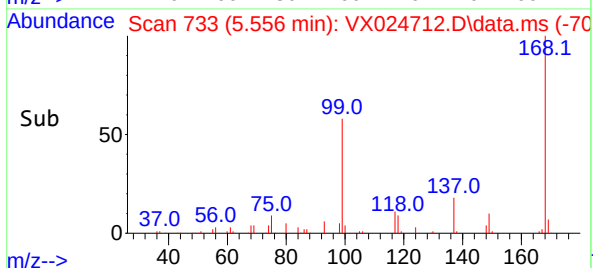
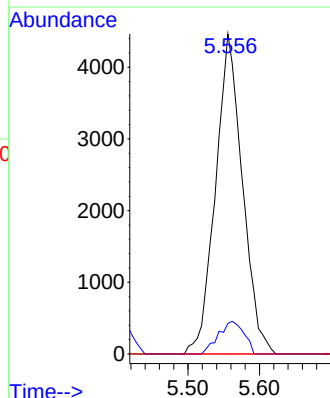
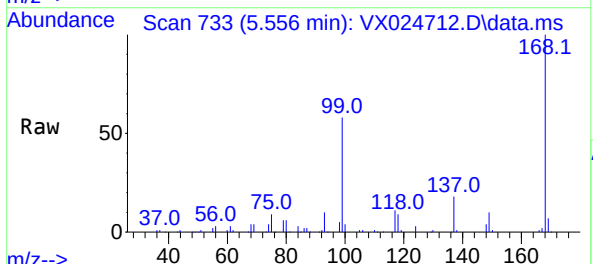
Instrument :
MSVOA_X
ClientSampled :

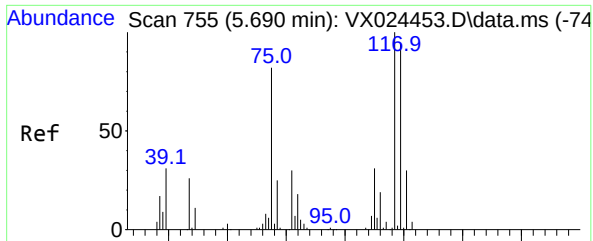
Tgt Ion:113 Resp: 85292
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

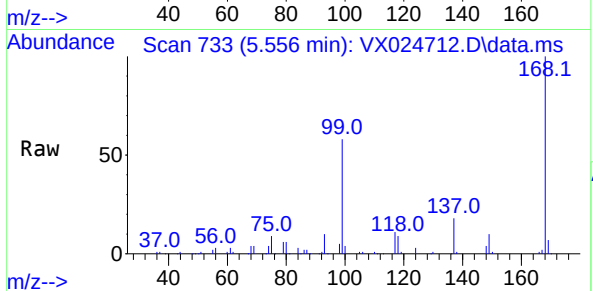
Tgt Ion: 75 Resp: 11672
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



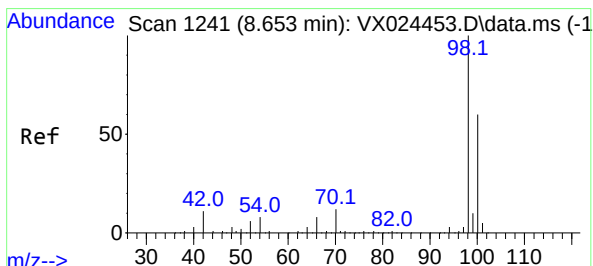
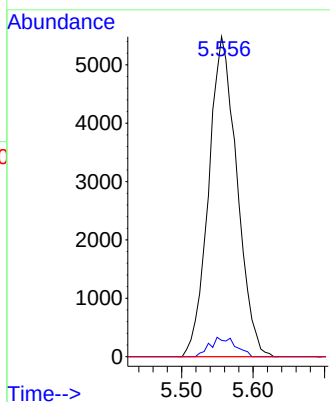
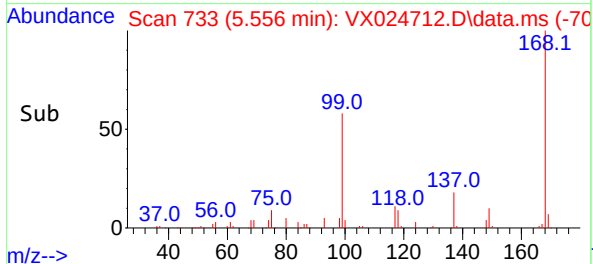


#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

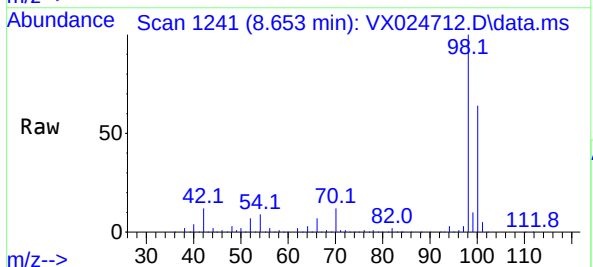
Instrument :
MSVOA_X
ClientSampled :



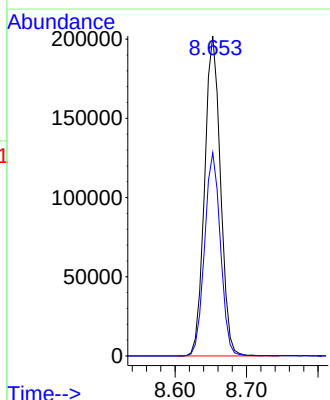
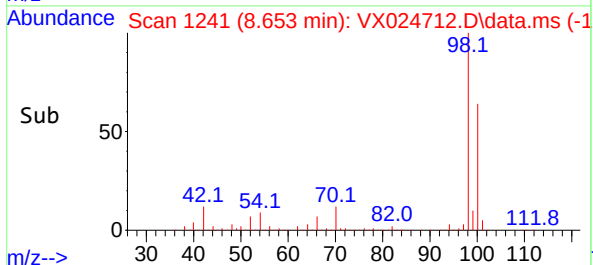
Tgt Ion:117 Resp: 15075
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

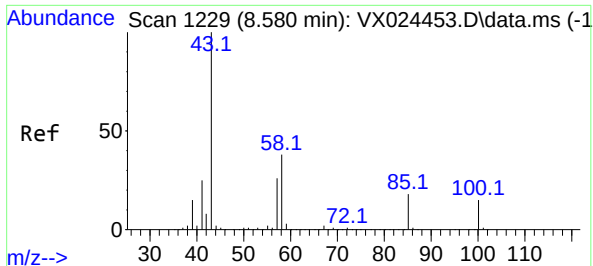


#50
Toluene-d8
Concen: 50.254 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20



Tgt Ion: 98 Resp: 311691
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

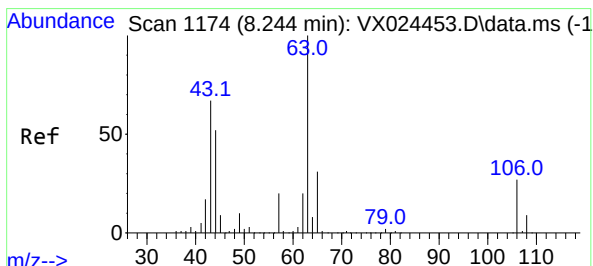
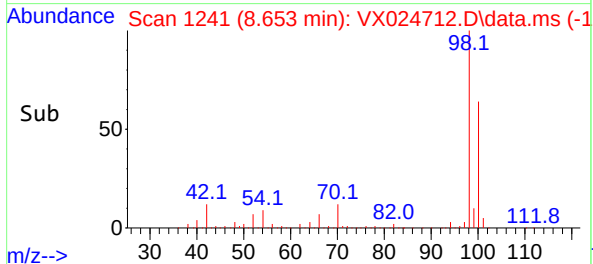
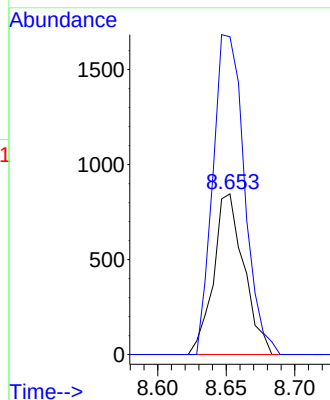
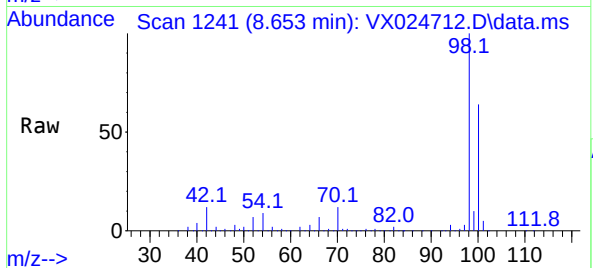




#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

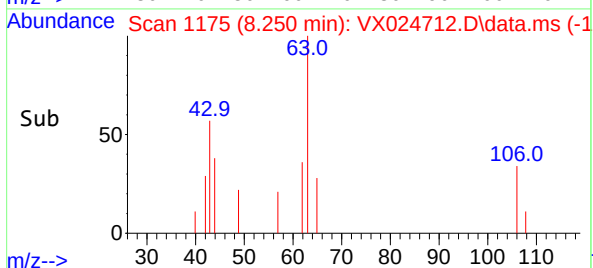
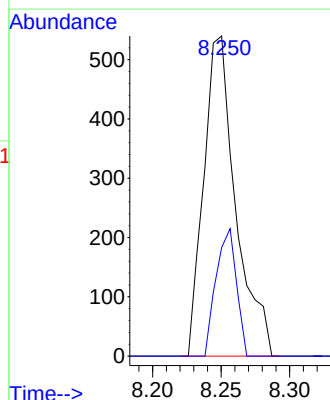
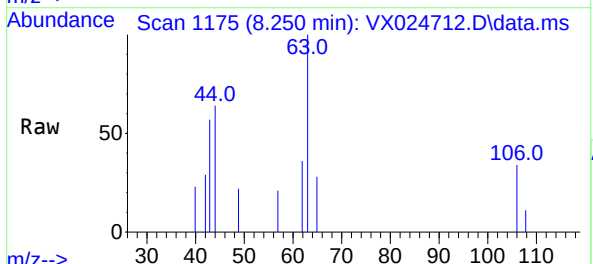
Instrument :
MSVOA_X
ClientSampled :

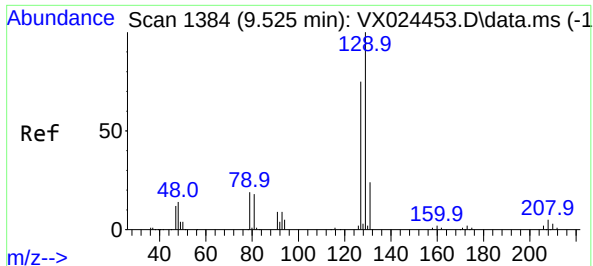
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
58 206.3 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.600 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Tgt Ion: 63 Resp: 876
Ion Ratio Lower Upper
63 100
106 25.2 23.5 35.3





#60

Dibromochloromethane

Concen: 1.214 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.257 min

Lab File: VX024712.D

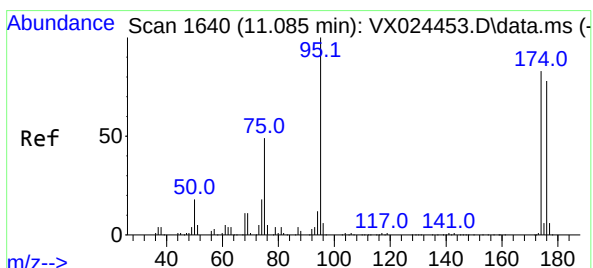
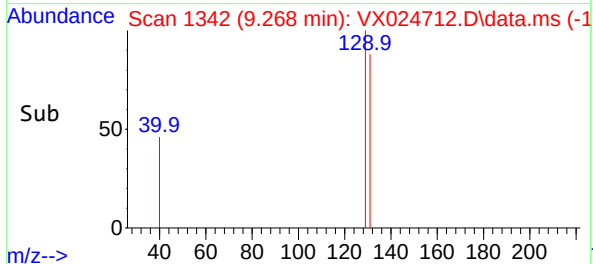
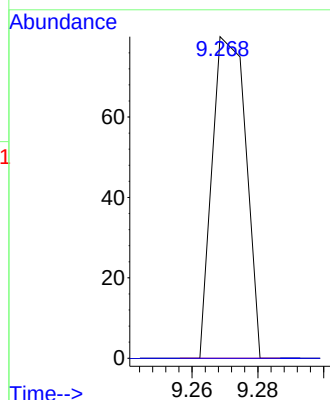
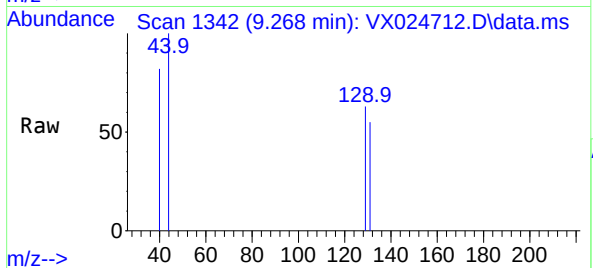
Acq: 11 Oct 2021 14:20

Tgt Ion:129 Resp: 57

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.966 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024712.D

Acq: 11 Oct 2021 14:20

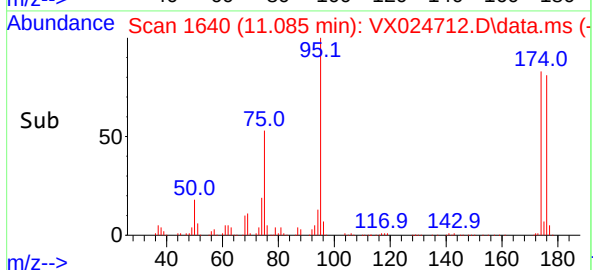
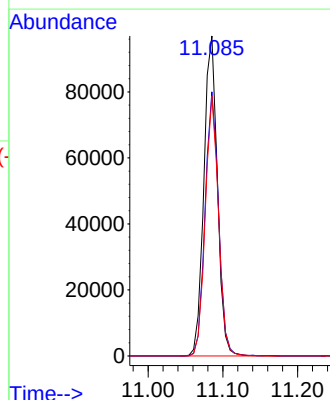
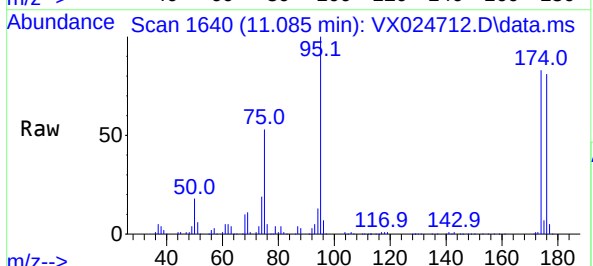
Tgt Ion: 95 Resp: 121849

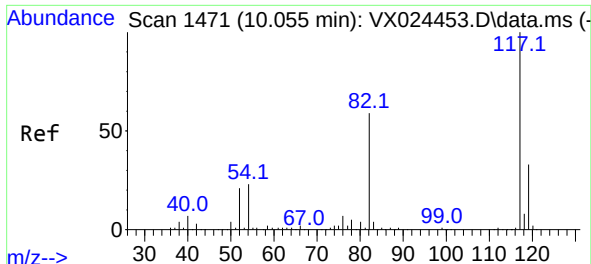
Ion Ratio Lower Upper

95 100

174 82.1 0.0 154.6

176 79.3 0.0 155.8

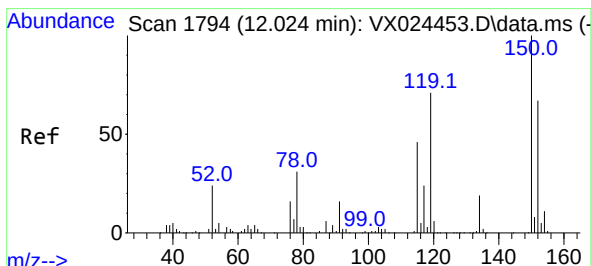
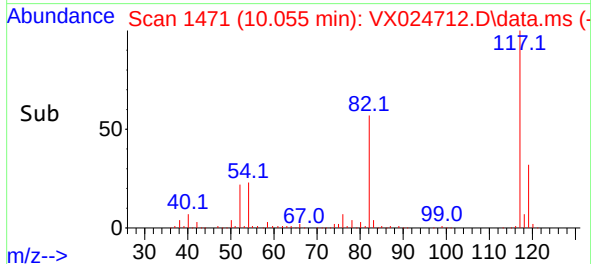
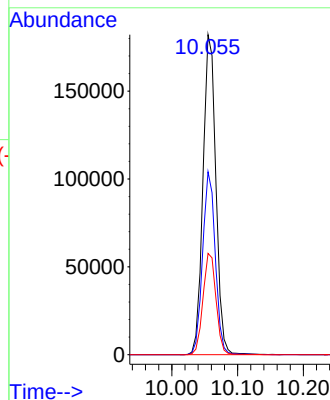
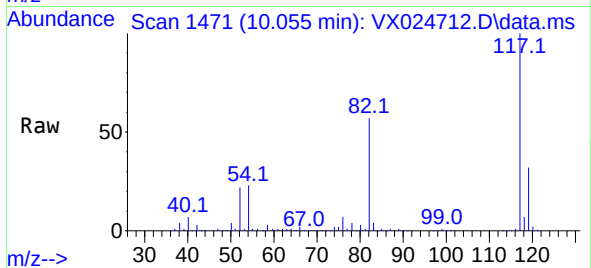




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

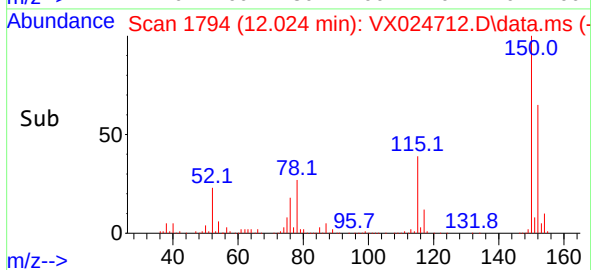
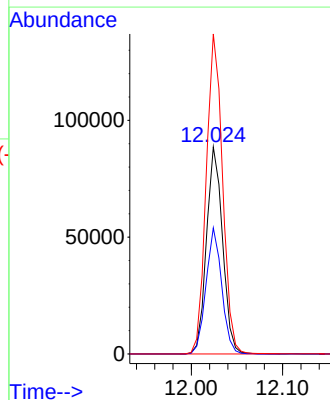
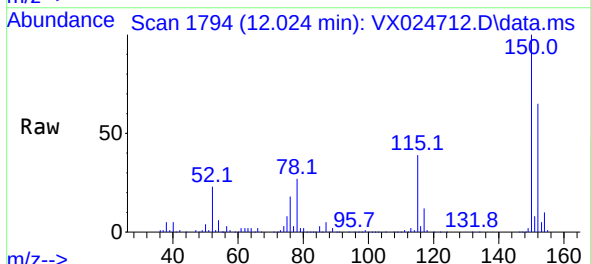
Instrument :
MSVOA_X
ClientSampleId :

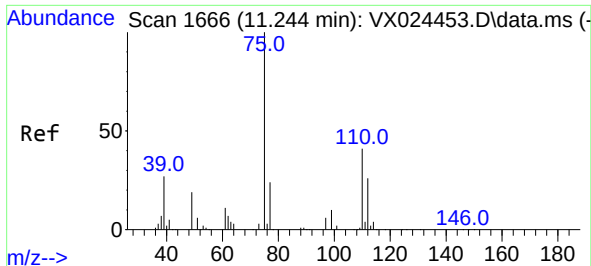
Tgt Ion:117 Resp: 248044
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Tgt Ion:152 Resp: 108215
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 156.7 0.0 349.0

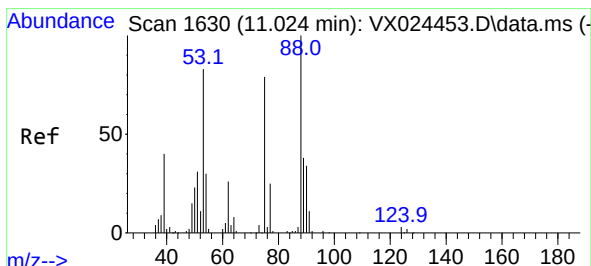
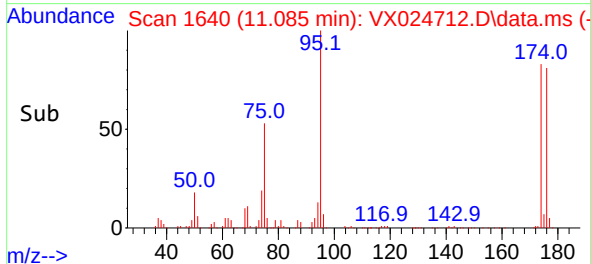
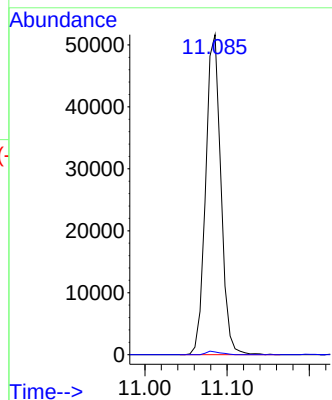
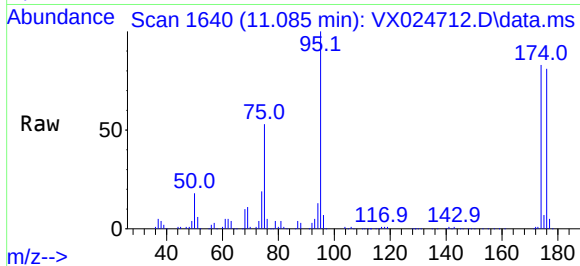




#76
1,2,3-Trichloropropane
Concen: 26.958 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 66249
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.361 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024712.D
Acq: 11 Oct 2021 14:20

Tgt Ion: 75 Resp: 66249
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

