

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025500.D
 Acq On : 03 Dec 2021 22:57
 Operator : JC/MD
 Sample : VX1203WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 09:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

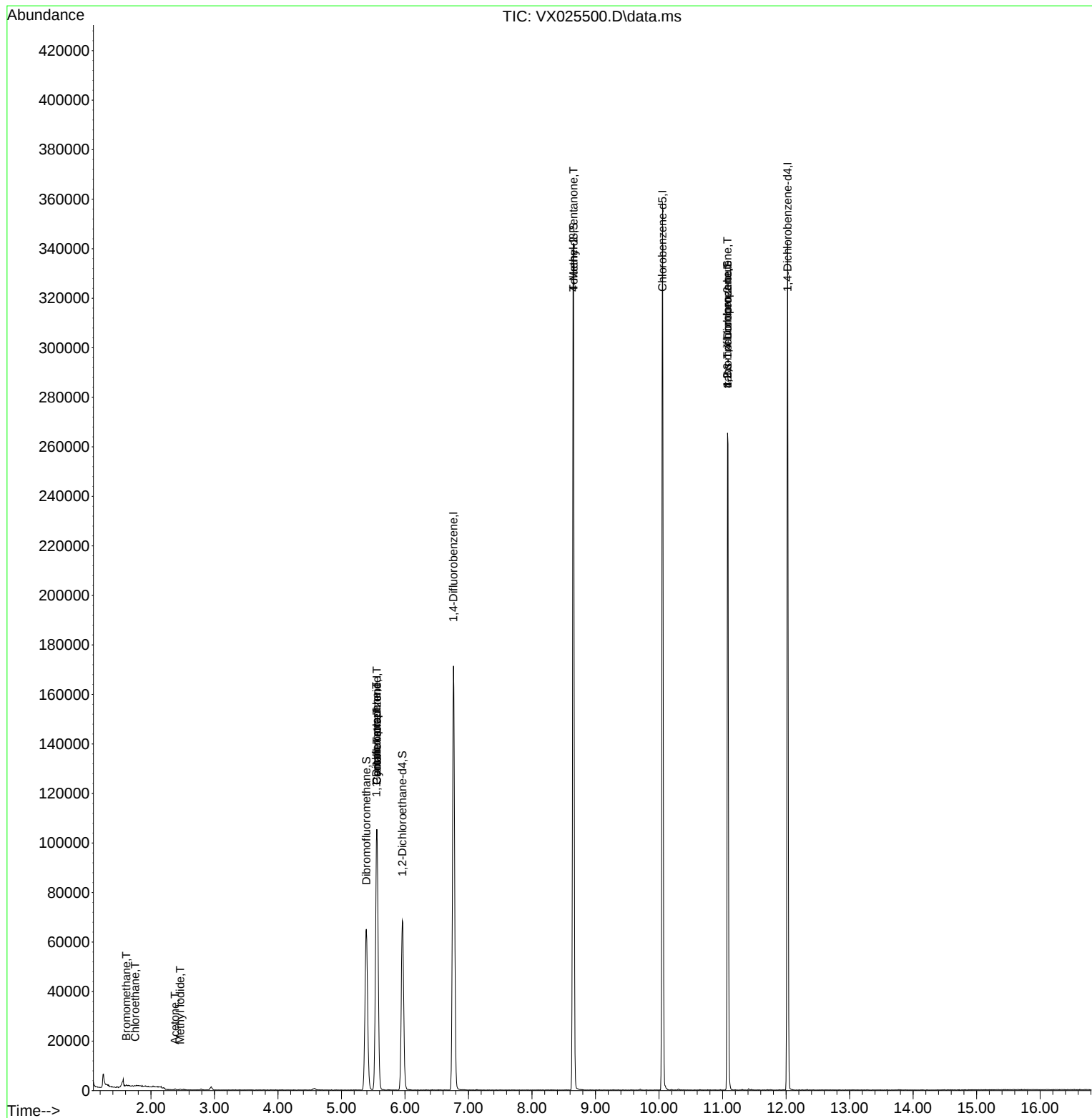
Internal Standards						
1) Pentafluorobenzene	5.556	168	107140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63786	56.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.960%			
35) Dibromofluoromethane	5.391	113	55848	49.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.660%			
50) Toluene-d8	8.653	98	208761	49.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.079	95	72929	45.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.500%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	148	0.273	ug/l #	60
6) Chloroethane	1.752	64	177	0.203	ug/l #	43
10) Methyl Iodide	2.459	142	338	0.271	ug/l #	61
11) Tert butyl alcohol	2.953	59	942	Below Cal	#	72
16) Acetone	2.380	43	398	0.634	ug/l #	45
31) Cyclohexane	5.556	56	2031	1.164	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	7481	4.695	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10221	5.823	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	874	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35769	24.436	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35769	61.559	ug/l #	9
95) Naphthalene	13.780	128	129	Below Cal	#	69

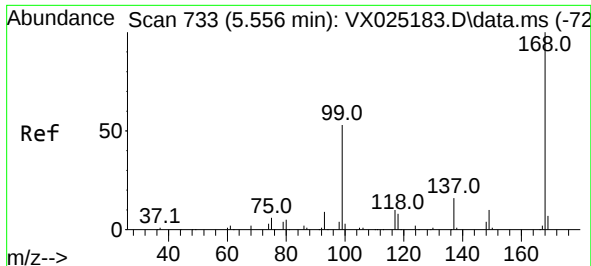
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
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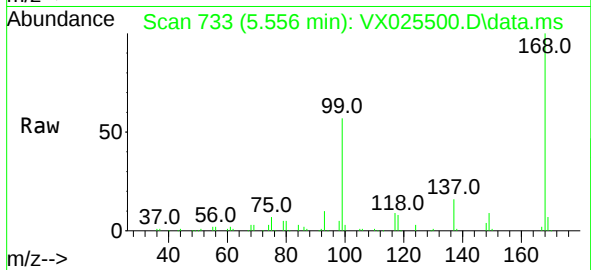
Quant Time: Dec 04 09:51:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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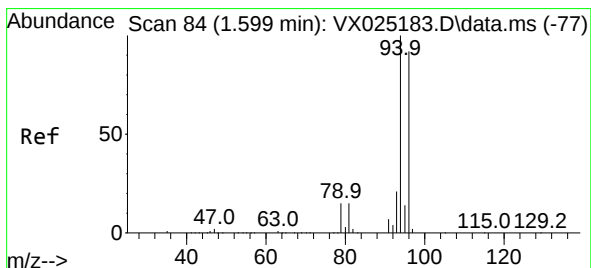
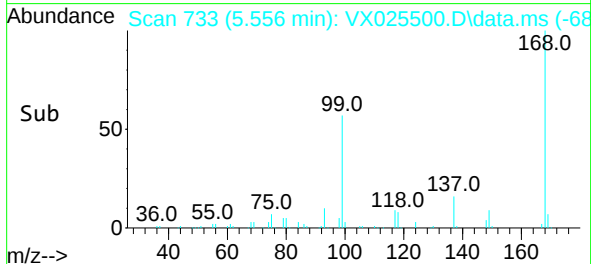
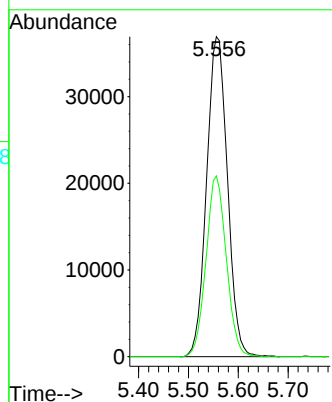


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Instrument :
MSVOA_X
ClientSampleId :

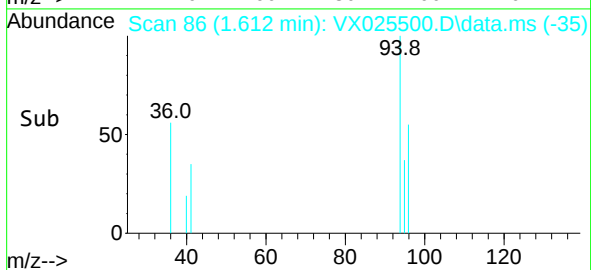
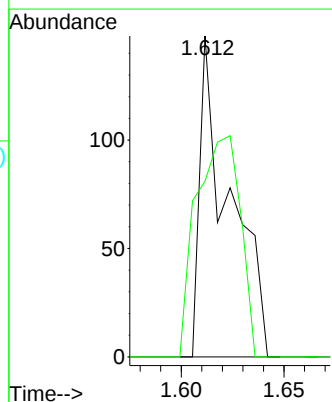
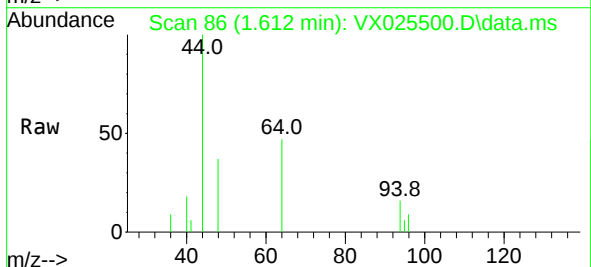


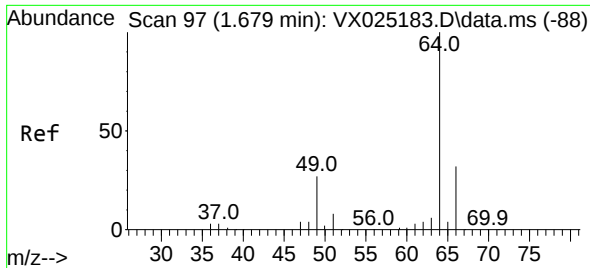
Tgt Ion:168 Resp: 107140
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

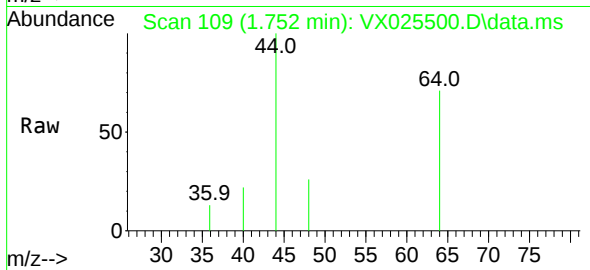
Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 54.7 74.8 112.2#



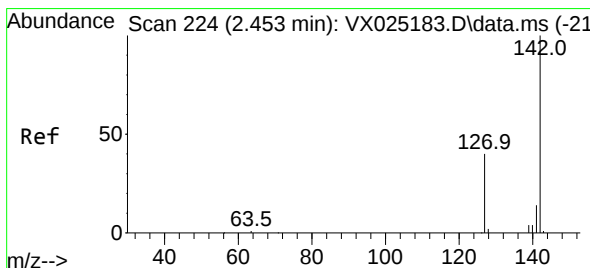
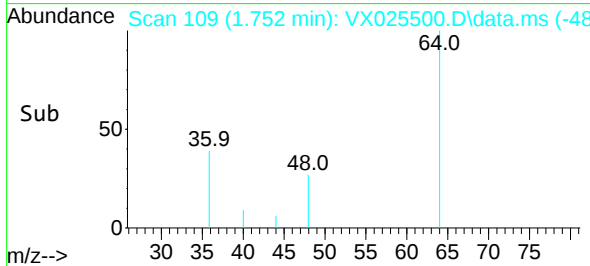
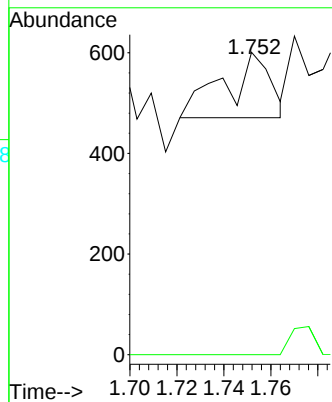


#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.752 min Scan# 10
Delta R.T. 0.073 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Instrument :
MSVOA_X
ClientSampleId :

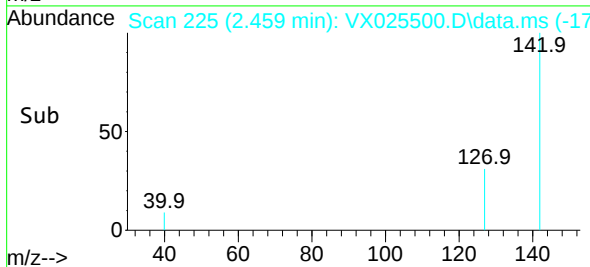
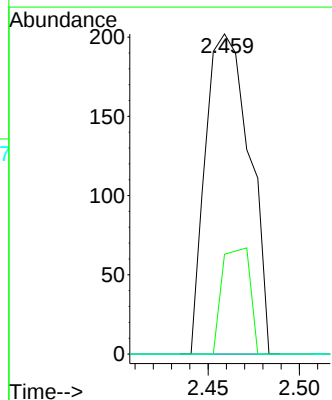
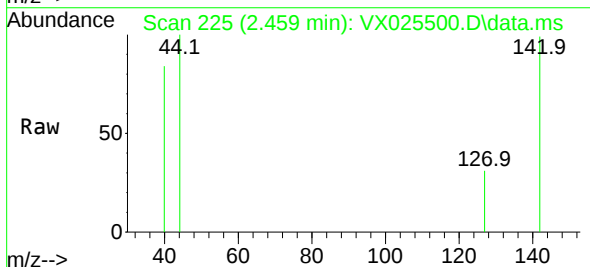


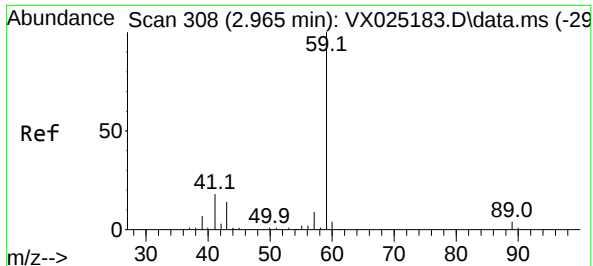
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 0.271 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Tgt Ion: 142 Resp: 338
Ion Ratio Lower Upper
142 100
127 21.0 38.9 58.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX025500.D

Acq: 03 Dec 2021 22:57

Instrument :

MSVOA_X

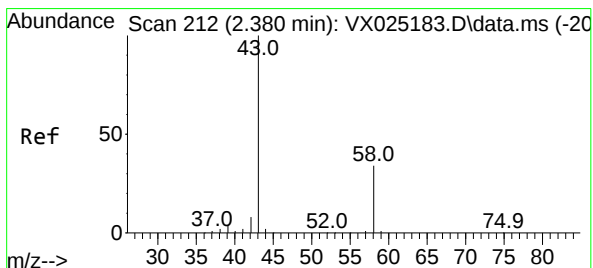
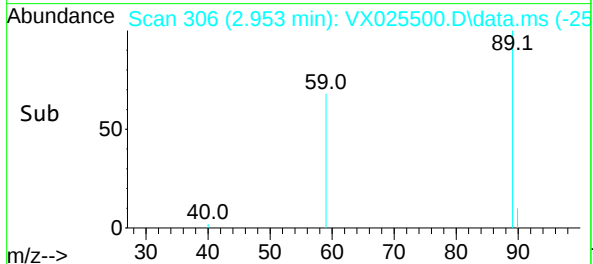
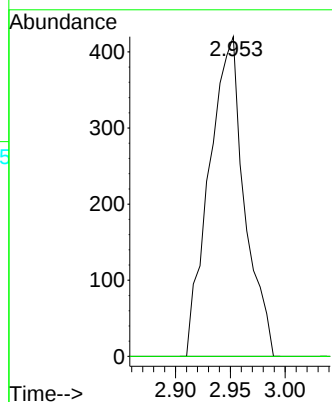
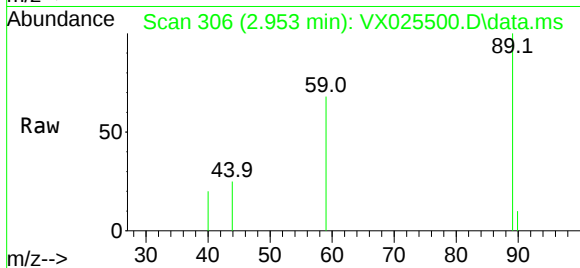
ClientSampleId :

Tgt Ion: 59 Resp: 942

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.634 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025500.D

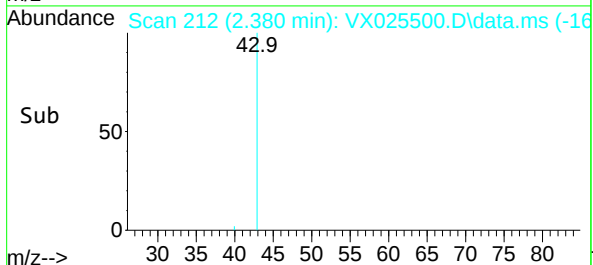
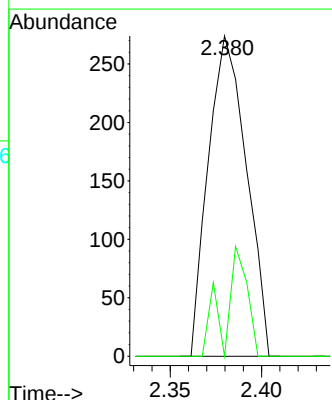
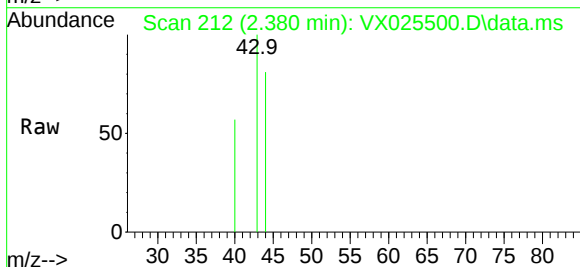
Acq: 03 Dec 2021 22:57

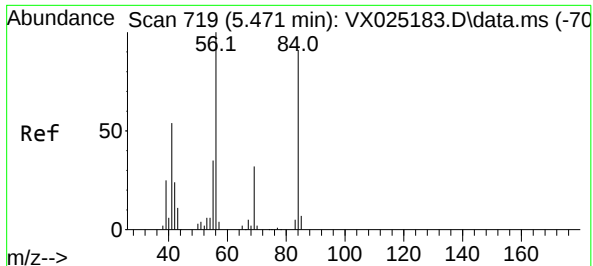
Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

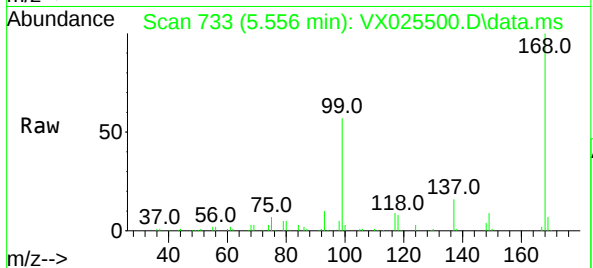
58 0.0 24.0 36.0#



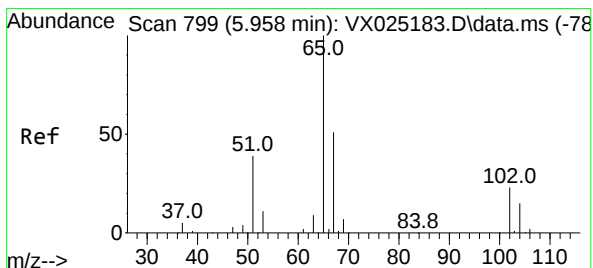
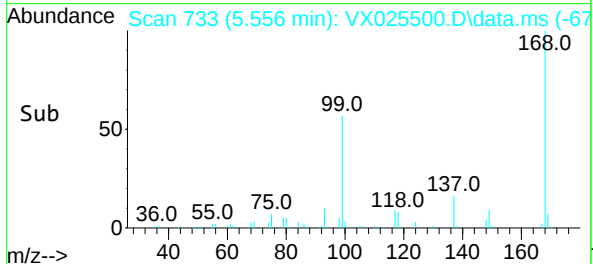
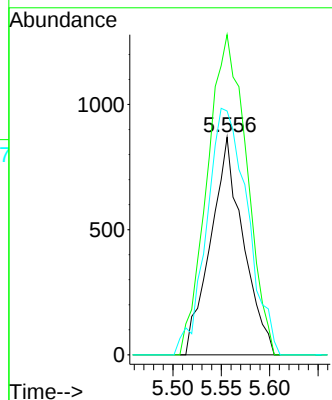


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Instrument :
MSVOA_X
ClientSampleId :

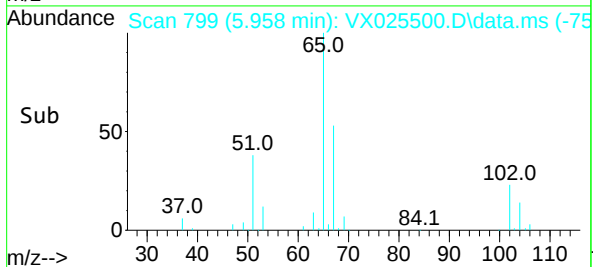
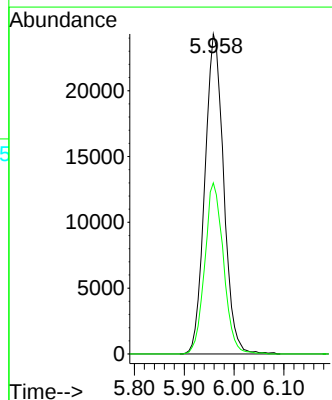
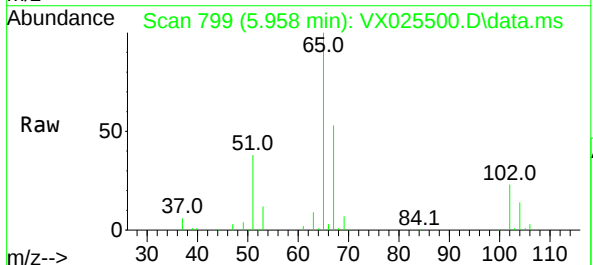


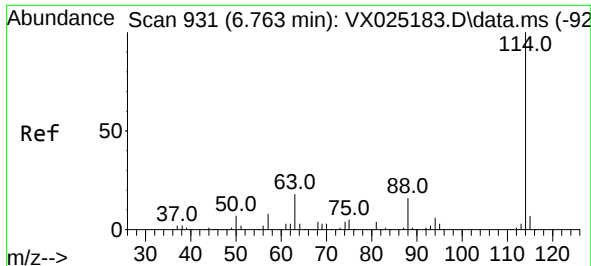
Tgt Ion: 56 Resp: 2031
Ion Ratio Lower Upper
56 100
69 147.2 24.2 36.2#
84 112.1 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.481 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Tgt Ion: 65 Resp: 63786
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.0

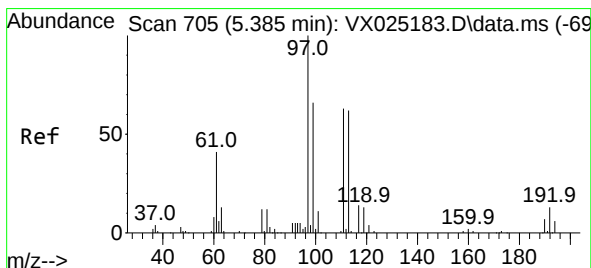
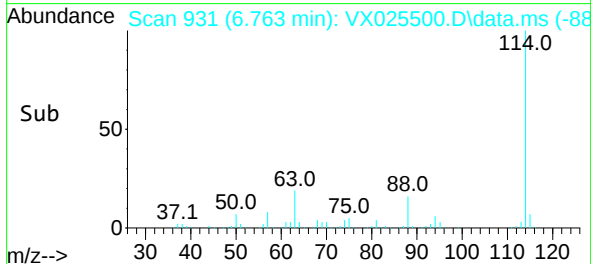
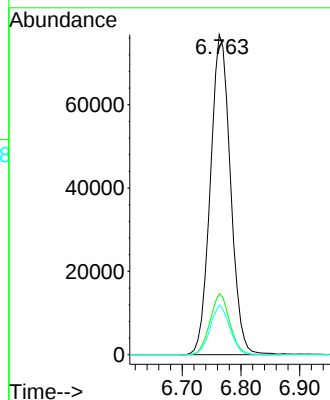
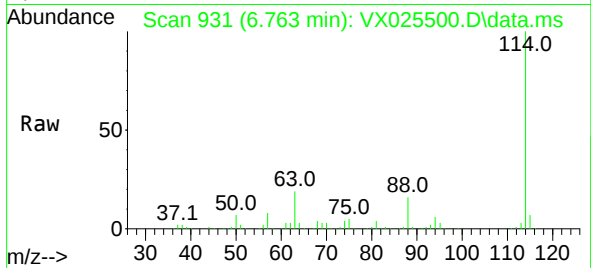




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

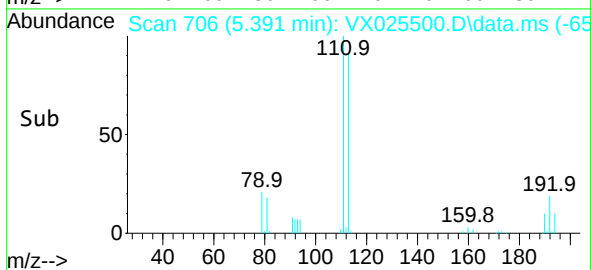
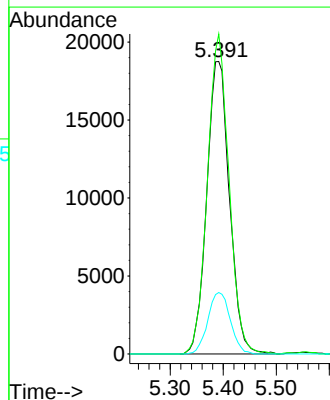
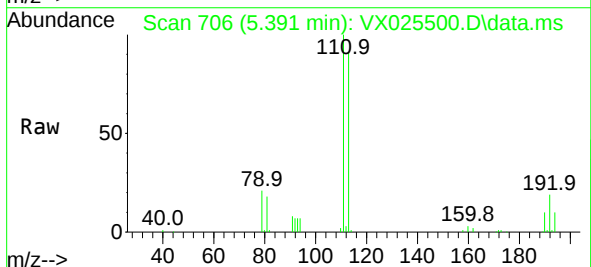
Instrument :
MSVOA_X
ClientSampleId :

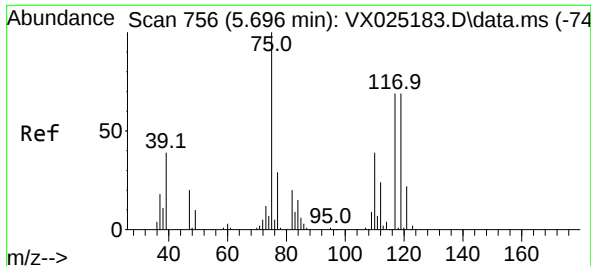
Tgt Ion:114 Resp: 182651
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.834 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Tgt Ion:113 Resp: 55848
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 20.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.695 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

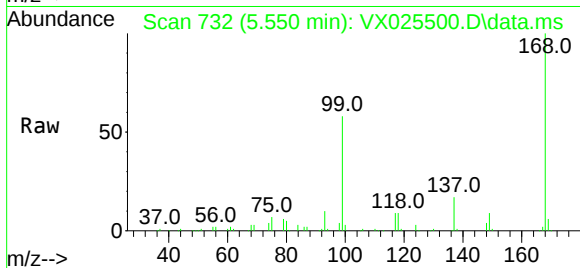
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Acq: 03 Dec 2021 22:57

Instrument :

MSVOA_X

ClientSampleId :



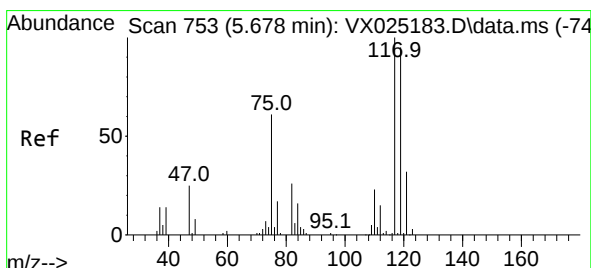
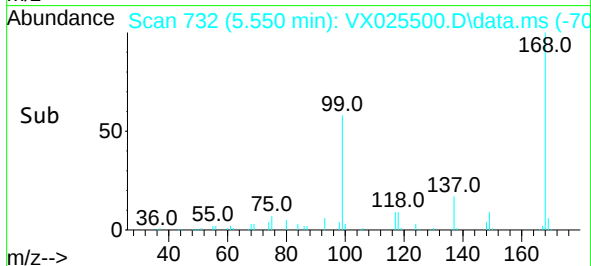
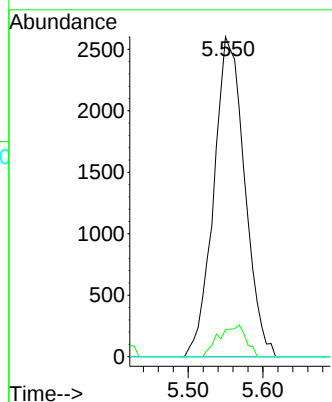
Tgt Ion: 75 Resp: 7481

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.823 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025500.D

Acq: 03 Dec 2021 22:57

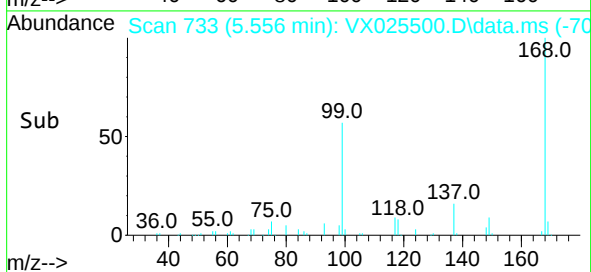
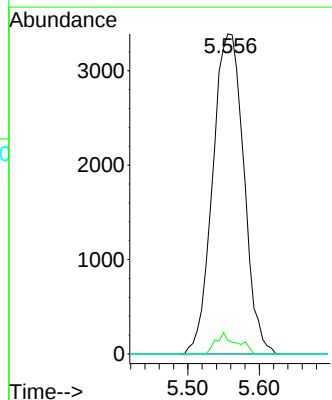
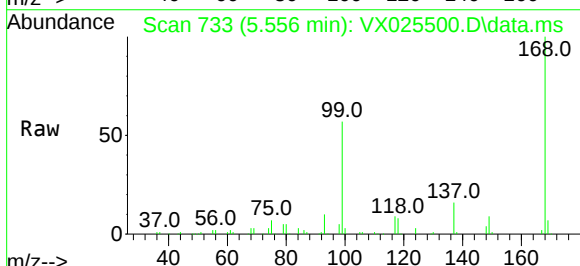
Tgt Ion: 117 Resp: 10221

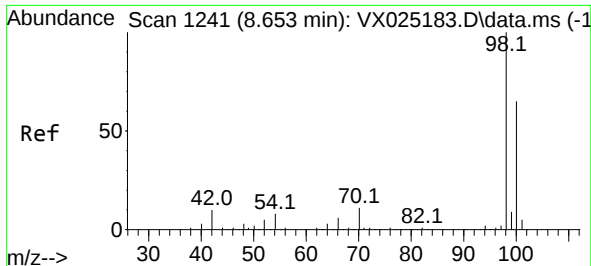
Ion Ratio Lower Upper

117 100

119 4.2 75.6 113.4#

121 0.0 23.7 35.5#

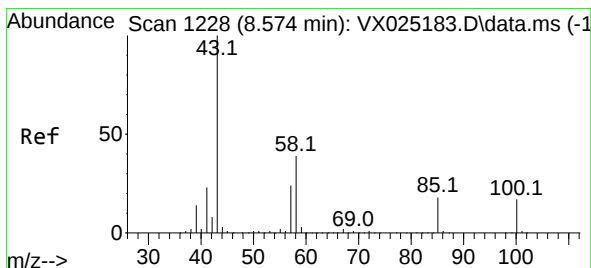
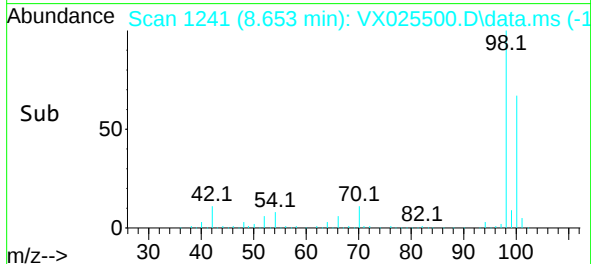
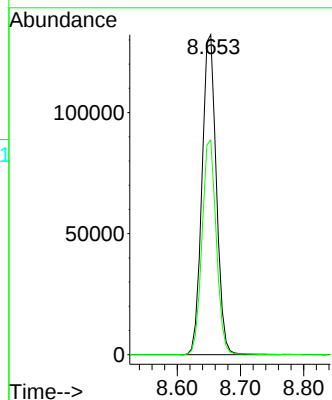
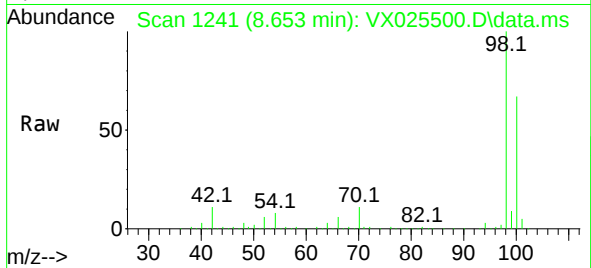




#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

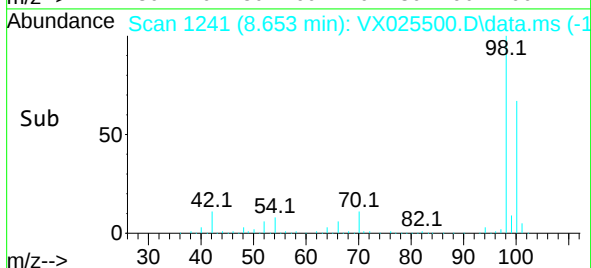
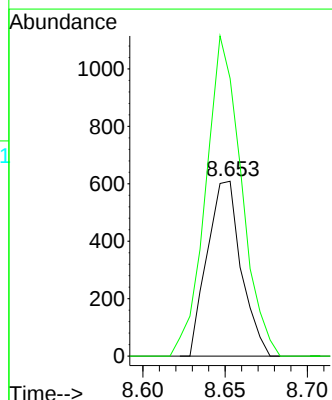
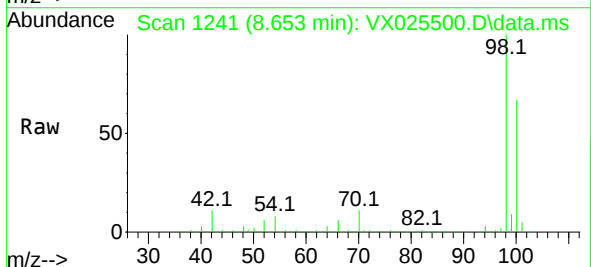
Instrument :
MSVOA_X
ClientSampleId :

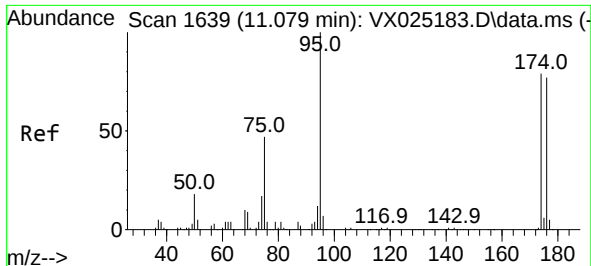
Tgt Ion: 98 Resp: 208761
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 192.1 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 45.750 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025500.D

Acq: 03 Dec 2021 22:57

Instrument :

MSVOA_X

ClientSampleId :

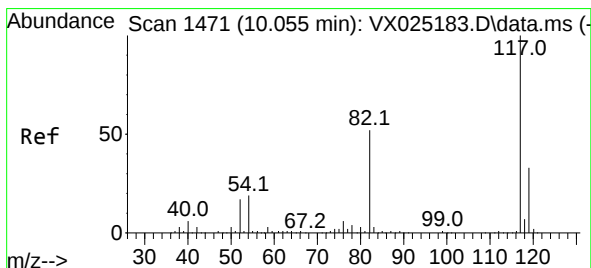
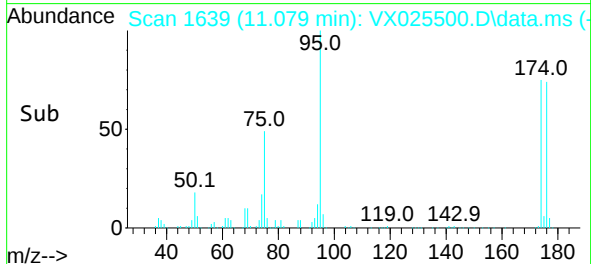
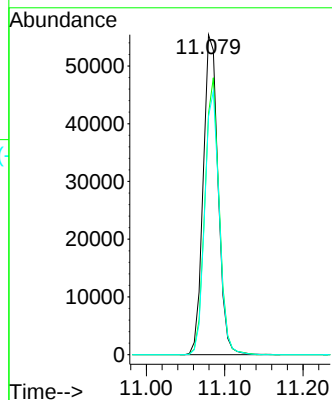
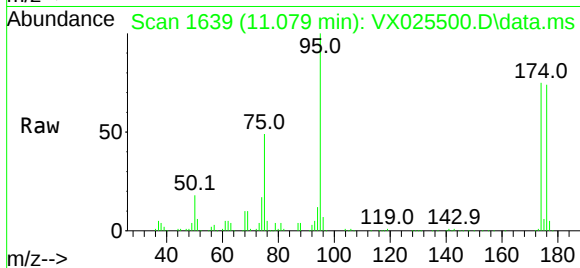
Tgt Ion: 95 Resp: 72929

Ion Ratio Lower Upper

95 100

174 83.6 0.0 158.0

176 80.7 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025500.D

Acq: 03 Dec 2021 22:57

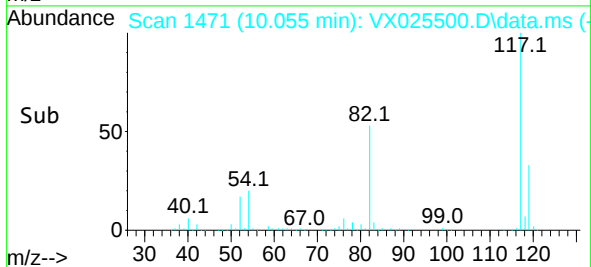
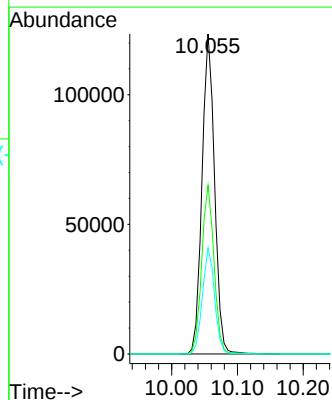
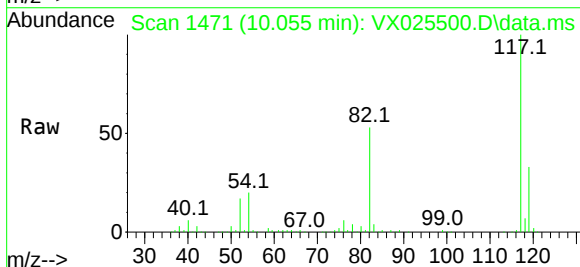
Tgt Ion: 117 Resp: 163488

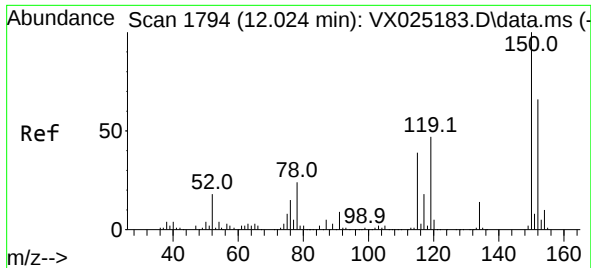
Ion Ratio Lower Upper

117 100

82 52.7 44.6 67.0

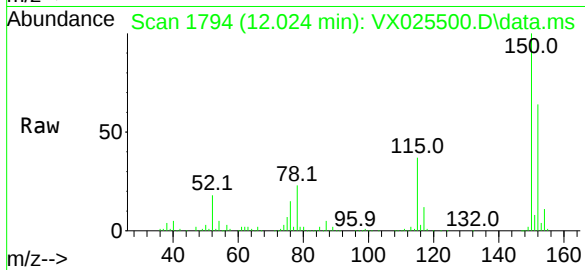
119 33.2 24.8 37.2



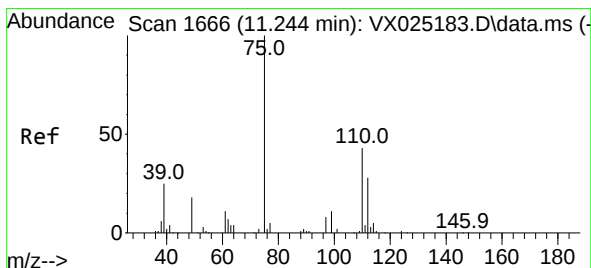
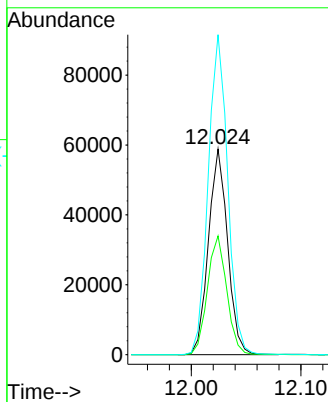
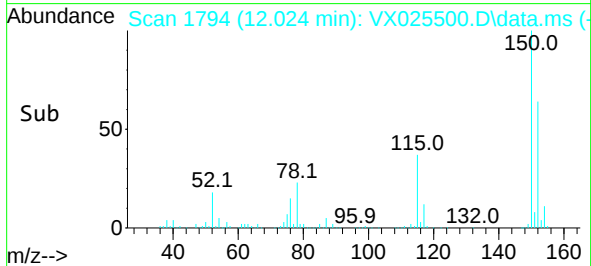


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX025500.D
 Acq: 03 Dec 2021 22:57

Instrument :
 MSVOA_X
 ClientSampleId :

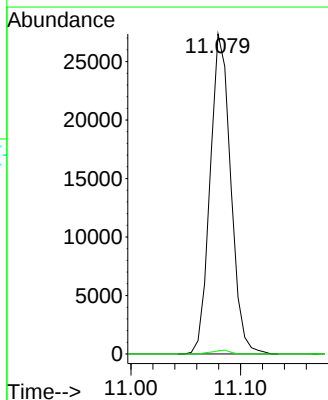
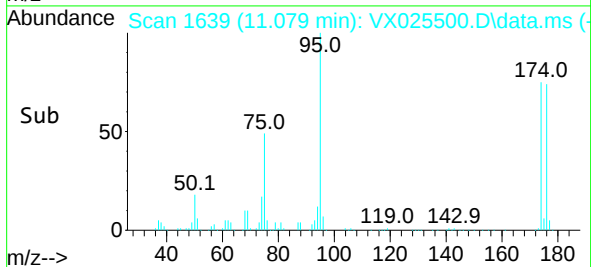
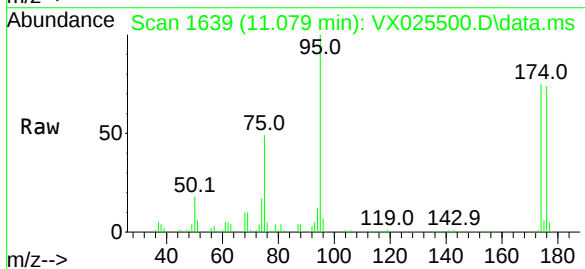


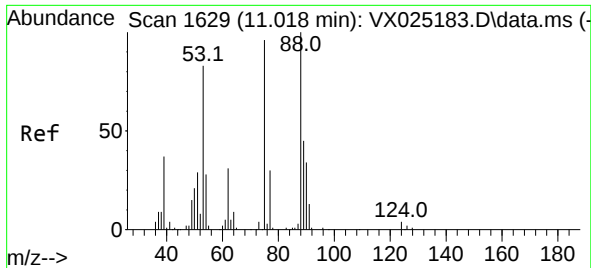
Tgt Ion:152 Resp: 71480
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.8
 150 158.1 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.436 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025500.D
 Acq: 03 Dec 2021 22:57

Tgt Ion: 75 Resp: 35769
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

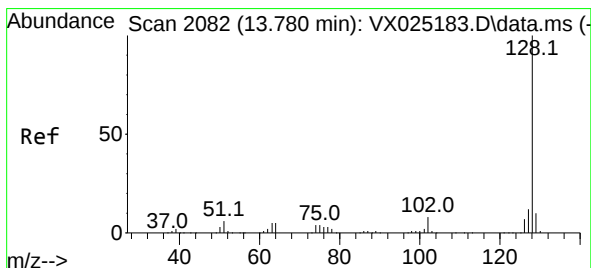
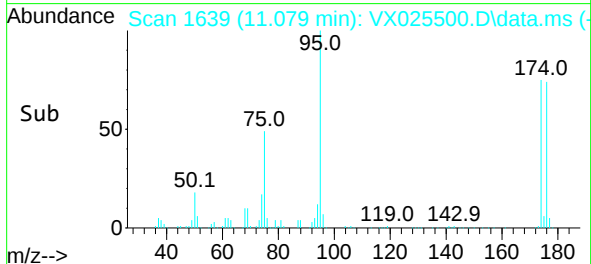
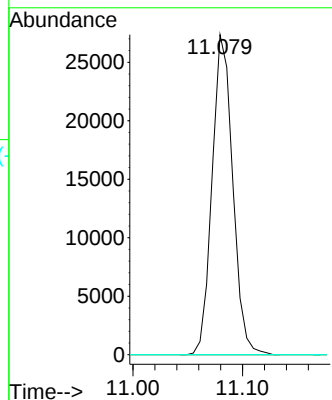
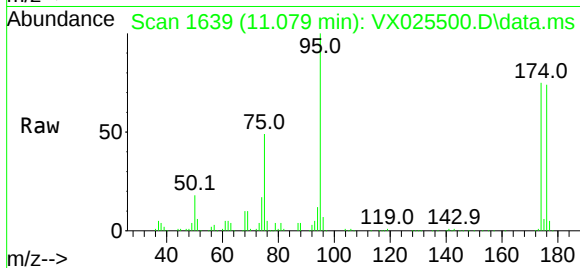




#81
trans-1,4-Dichloro-2-butene
Concen: 61.559 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35769
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025500.D
Acq: 03 Dec 2021 22:57

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

