

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045744.D
 Acq On : 11 Apr 2025 16:14
 Operator : JC/MD
 Sample : Q1767-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-2152

Quant Time: Apr 11 23:06:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

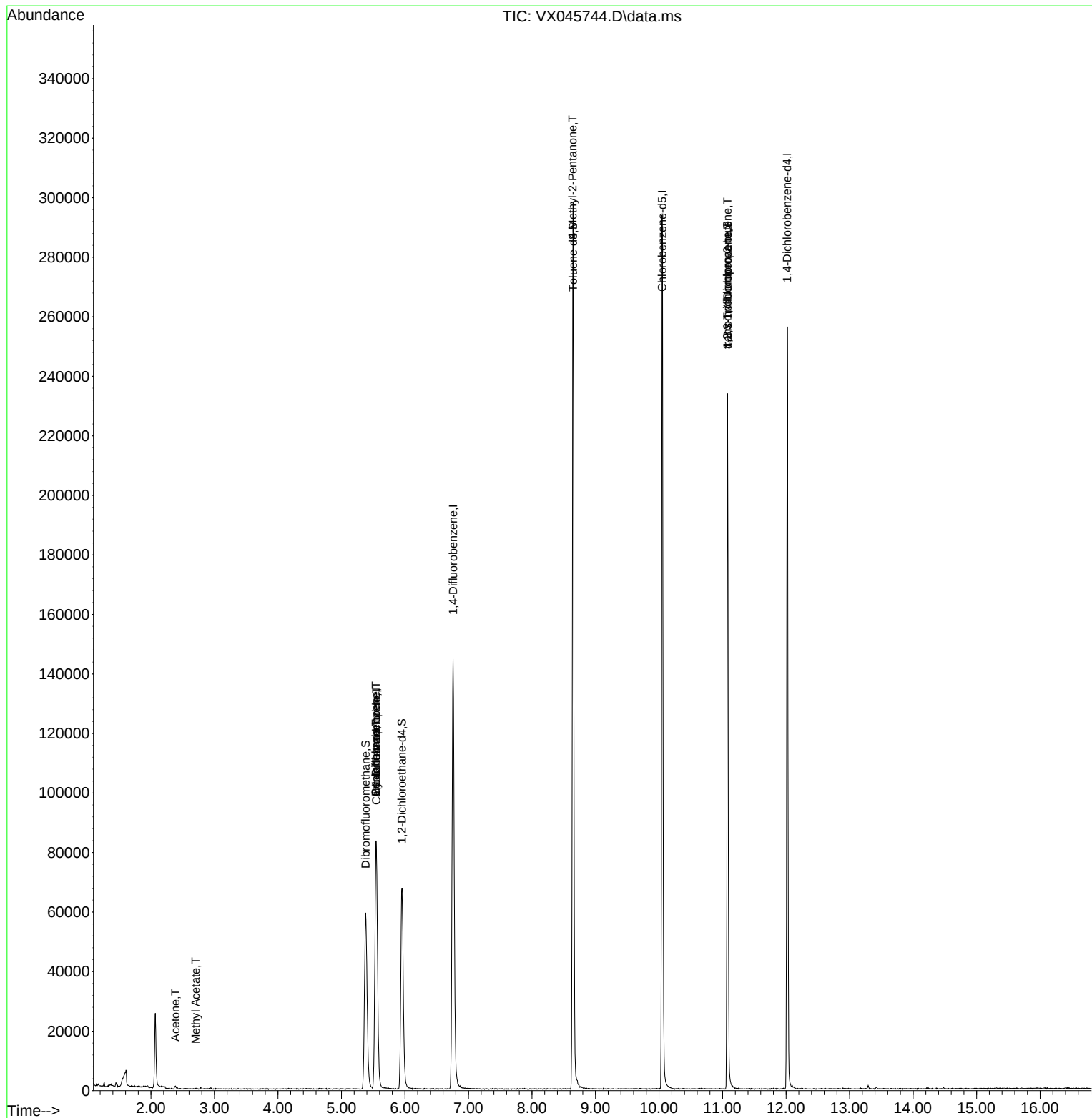
Internal Standards						
1) Pentafluorobenzene	5.544	168	70171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70371	54.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.680%			
35) Dibromofluoromethane	5.379	113	50393	52.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	8.647	98	169053	50.166	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	60191	49.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.080%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	1048	1.989	ug/l #	88
18) Methyl Acetate	2.703	43	308	0.254	ug/l #	54
31) Cyclohexane	5.544	56	1943	1.234	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	7208	5.529	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8670	6.154	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	975	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34901	29.979	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34901	101.744	ug/l #	1

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

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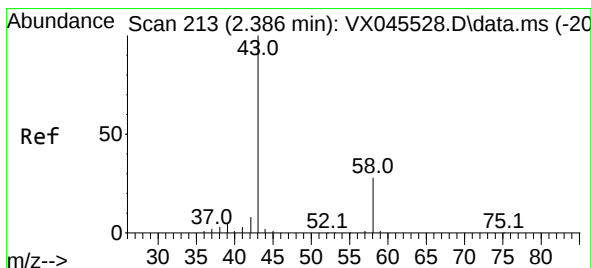
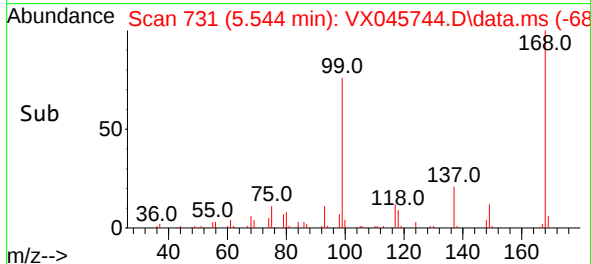
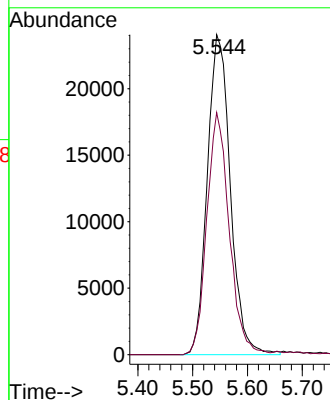
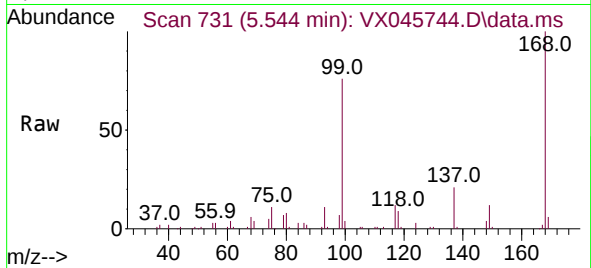




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

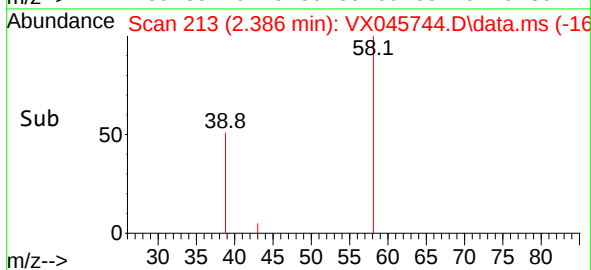
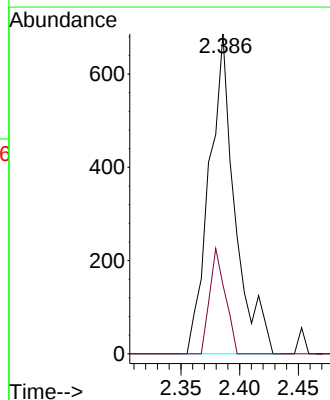
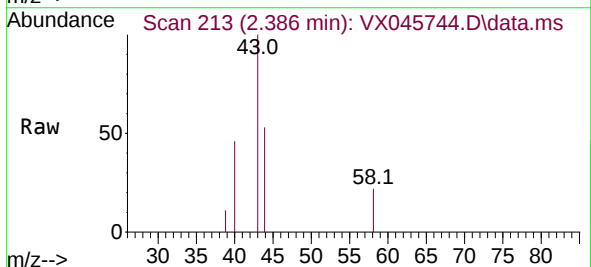
Instrument :
MSVOA_X
ClientSampleId :
NWB-2152

Tgt Ion:168 Resp: 70171
Ion Ratio Lower Upper
168 100
99 75.7 52.3 78.5



#16
Acetone
Concen: 1.989 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 21.6 22.3 33.5#

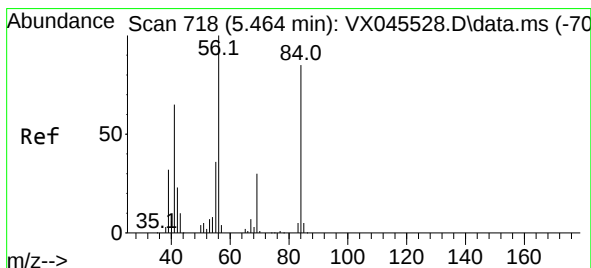
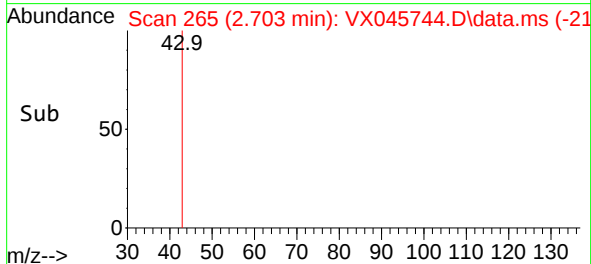
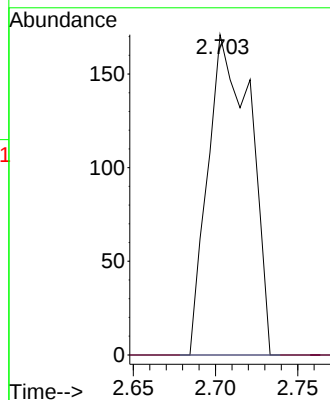
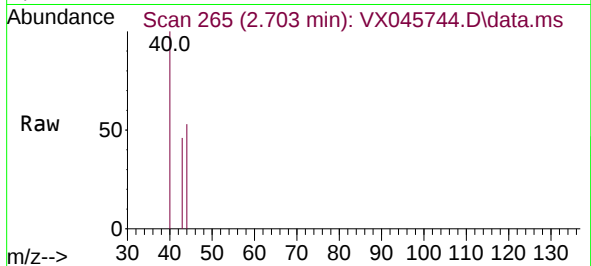




#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

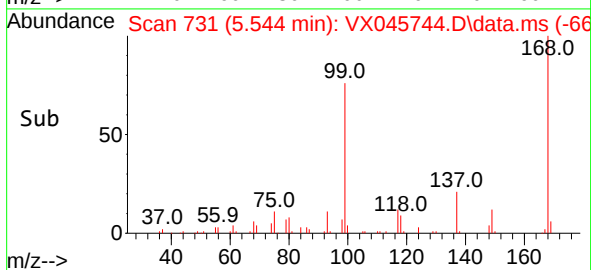
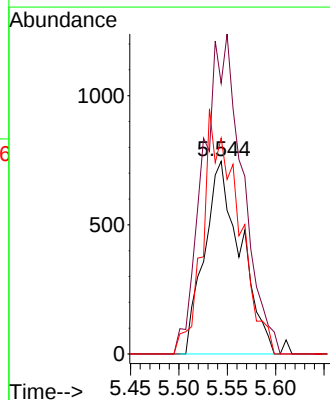
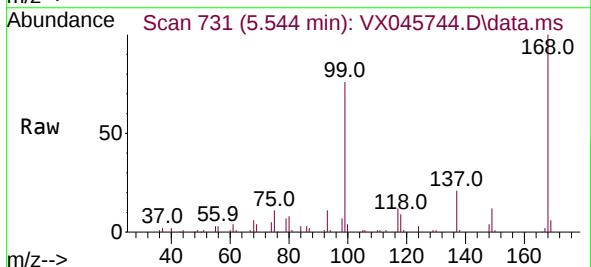
Instrument :
MSVOA_X
ClientSampleId :
NWB-2152

Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Tgt Ion: 56 Resp: 1943
Ion Ratio Lower Upper
56 100
69 140.5 23.6 35.4#
84 112.1 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 54.838 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

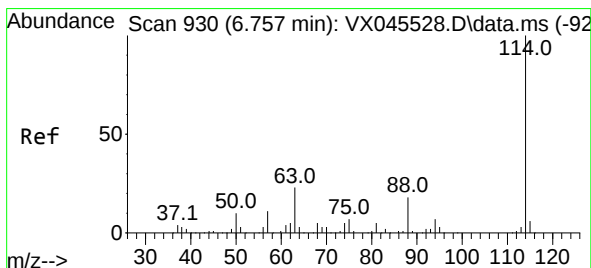
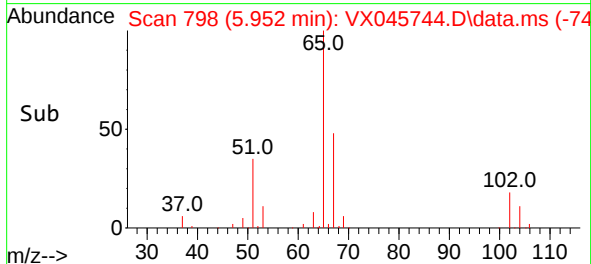
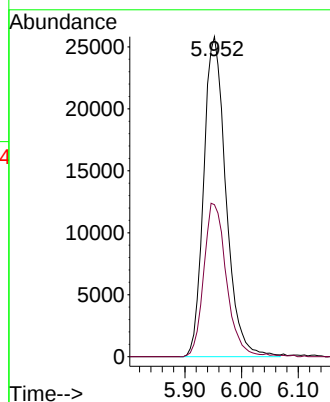
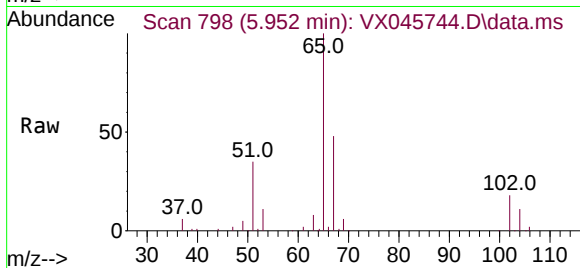
NWB-2152

Tgt Ion: 65 Resp: 70371

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

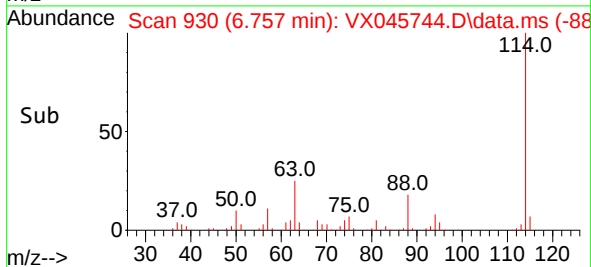
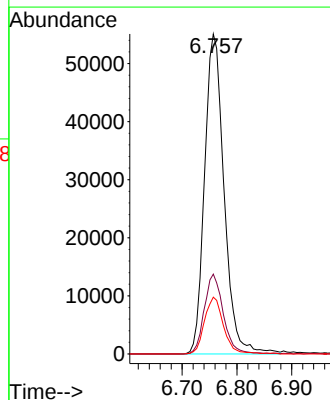
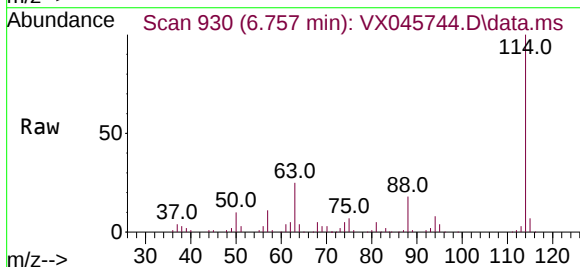
Tgt Ion: 114 Resp: 136077

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.8

88 17.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.195 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

NWB-2152

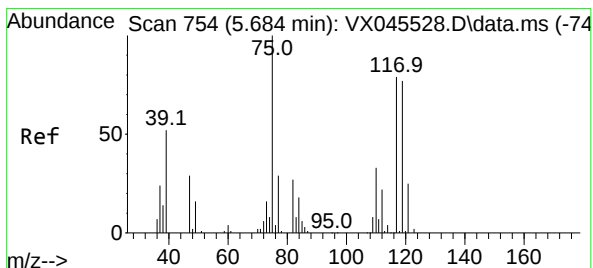
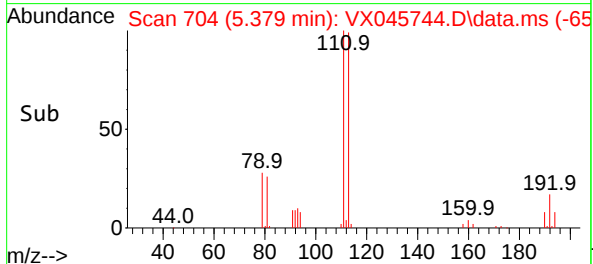
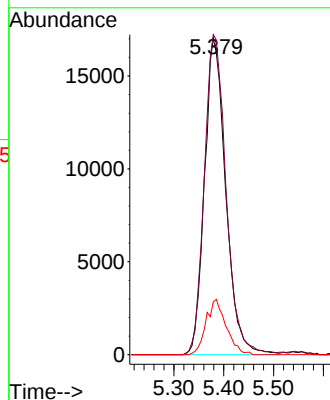
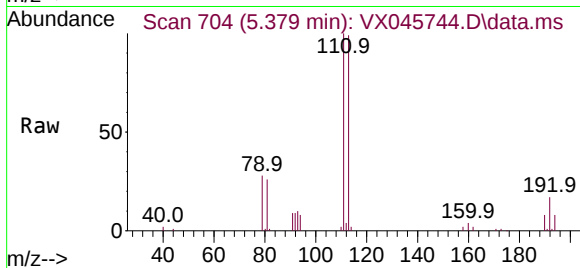
Tgt Ion:113 Resp: 50393

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 16.5 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.529 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

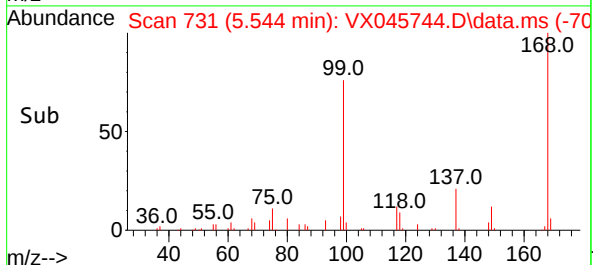
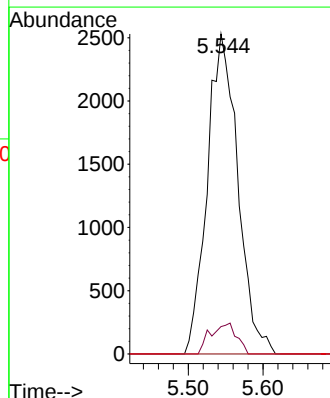
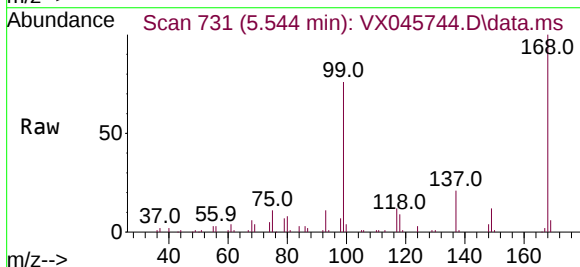
Tgt Ion: 75 Resp: 7208

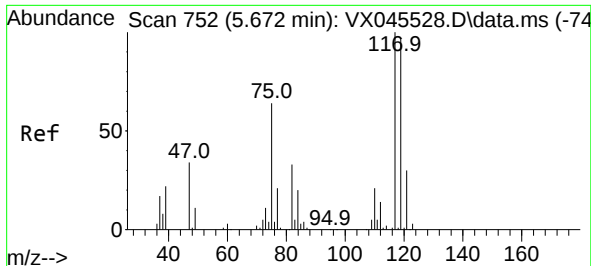
Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.6#

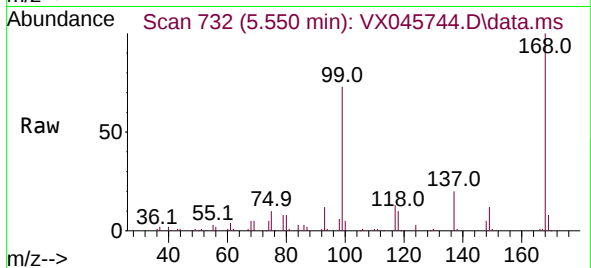
77 0.0 25.0 37.4#



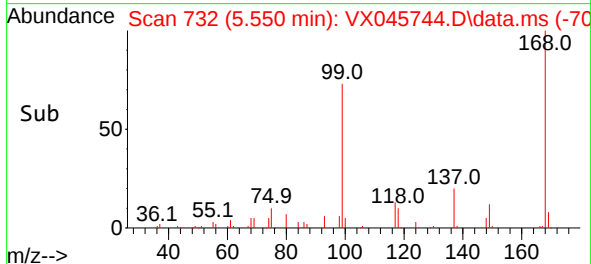
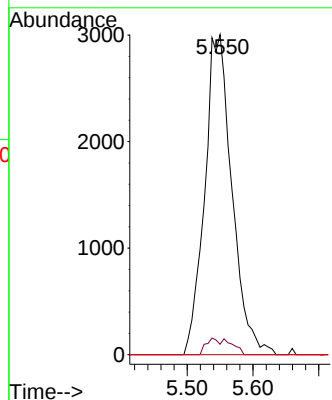


#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
NWB-2152

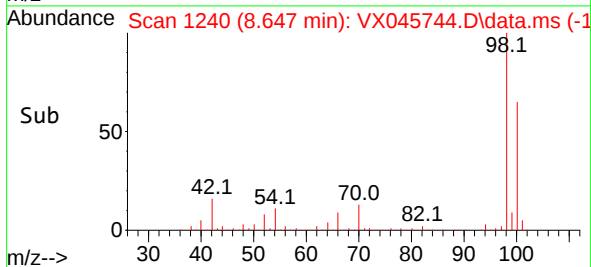
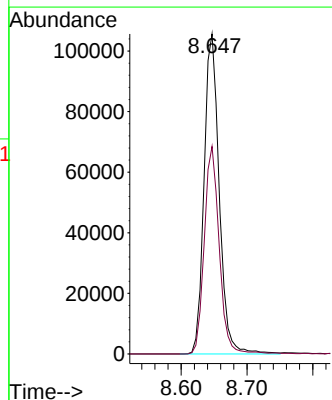
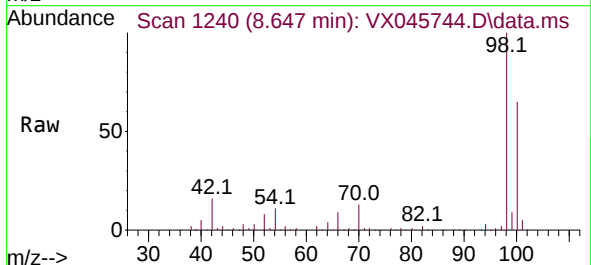


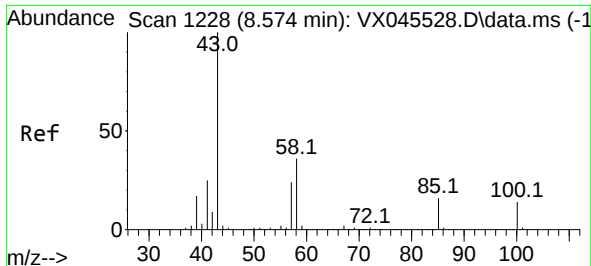
Tgt Ion:117 Resp: 8670
Ion Ratio Lower Upper
117 100
119 3.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.166 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Tgt Ion: 98 Resp: 169053
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

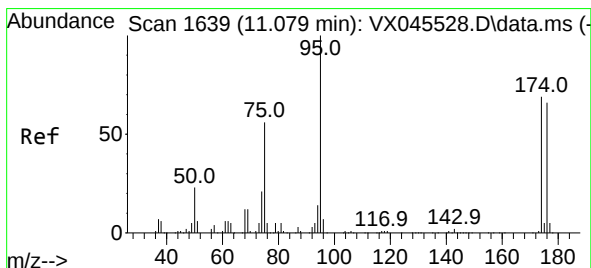
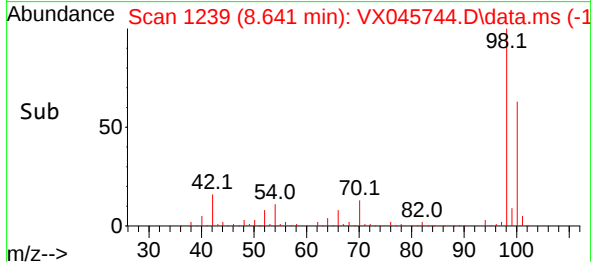
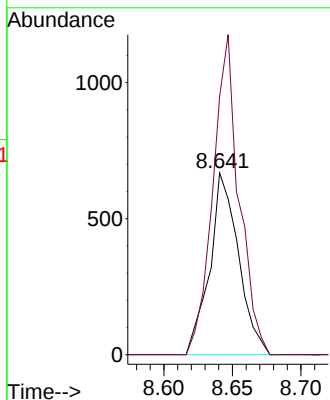
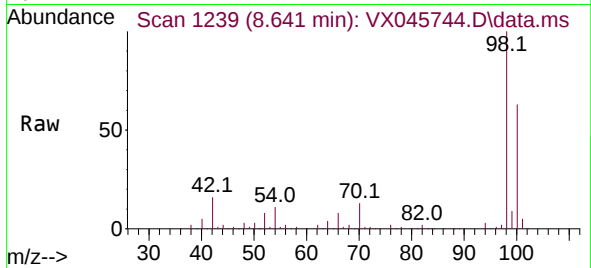




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

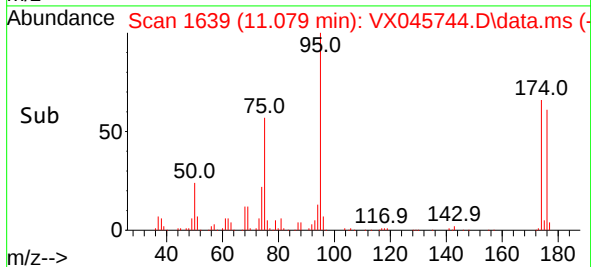
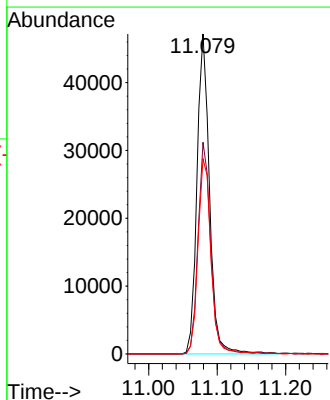
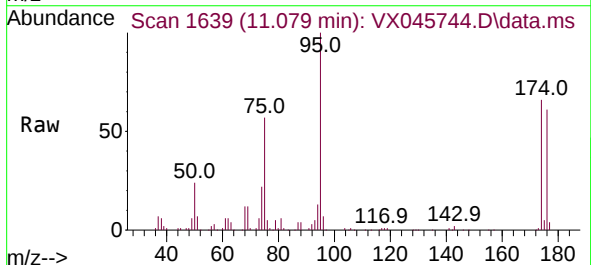
Instrument :
MSVOA_X
ClientSampleId :
NWB-2152

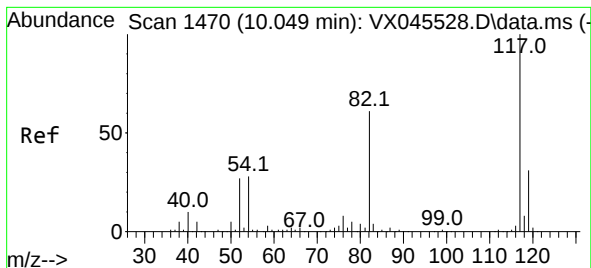
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 160.2 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 49.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Tgt Ion: 95 Resp: 60191
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.0 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

Instrument :

MSVOA_X

ClientSampleId :

NWB-2152

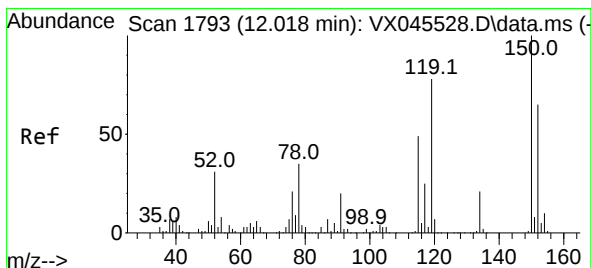
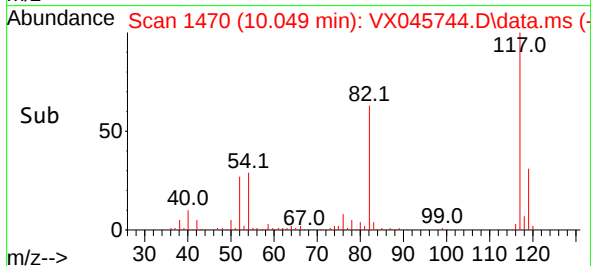
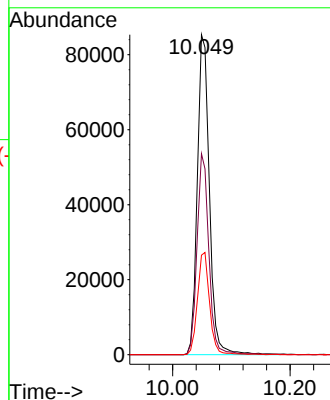
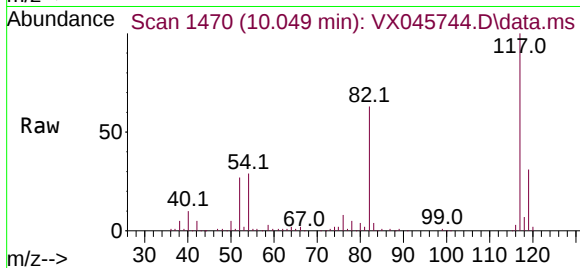
Tgt Ion:117 Resp: 121775

Ion Ratio Lower Upper

117 100

82 62.8 49.2 73.8

119 31.1 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045744.D

Acq: 11 Apr 2025 16:14

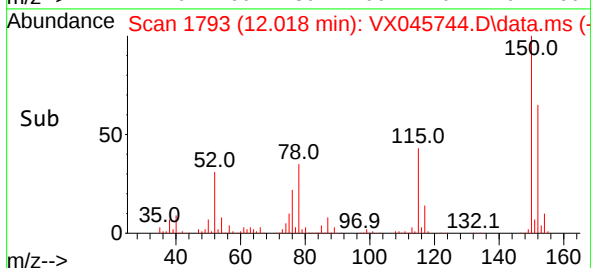
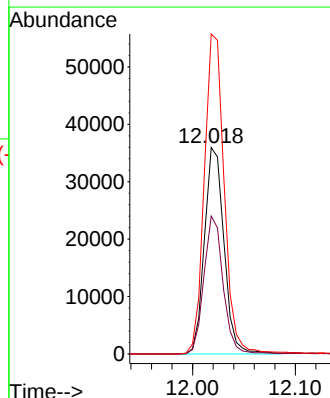
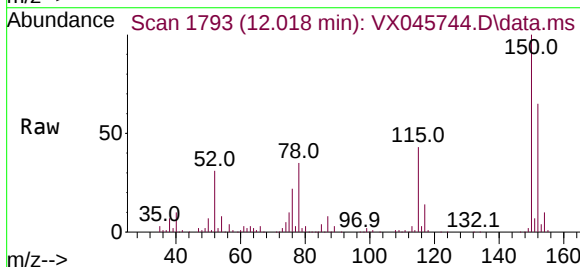
Tgt Ion:152 Resp: 47728

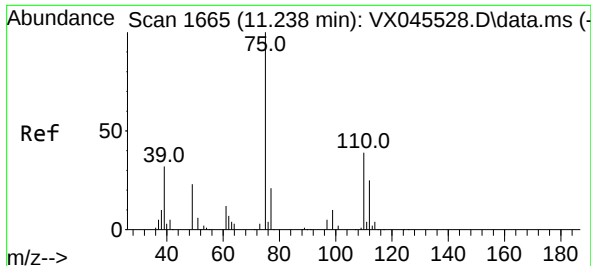
Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 158.0 0.0 349.4

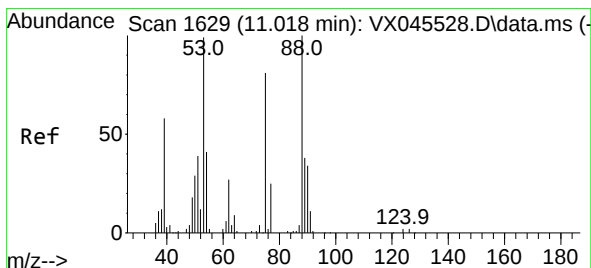
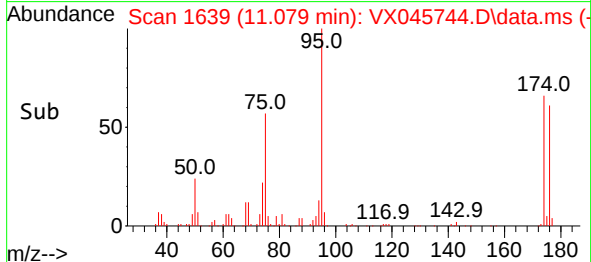
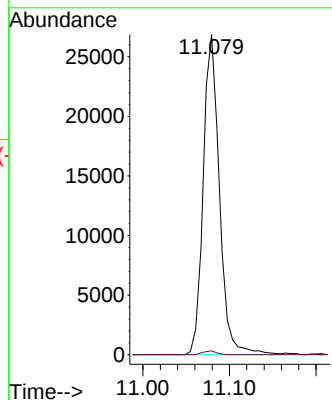
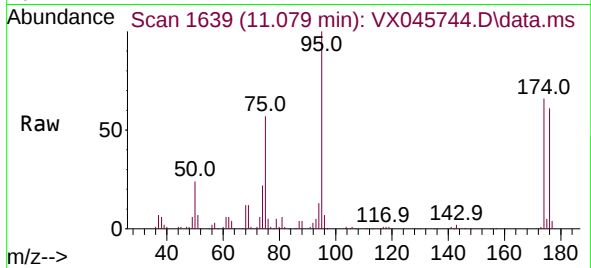




#76
1,2,3-Trichloropropane
Concen: 29.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
NWB-2152

Tgt Ion: 75 Resp: 34901
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045744.D
Acq: 11 Apr 2025 16:14

Tgt Ion: 75 Resp: 34901
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

