

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045877.D
 Acq On : 22 Apr 2025 11:20
 Operator : JC/MD
 Sample : VX0422WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBL01

Quant Time: Apr 23 01:32:55 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)

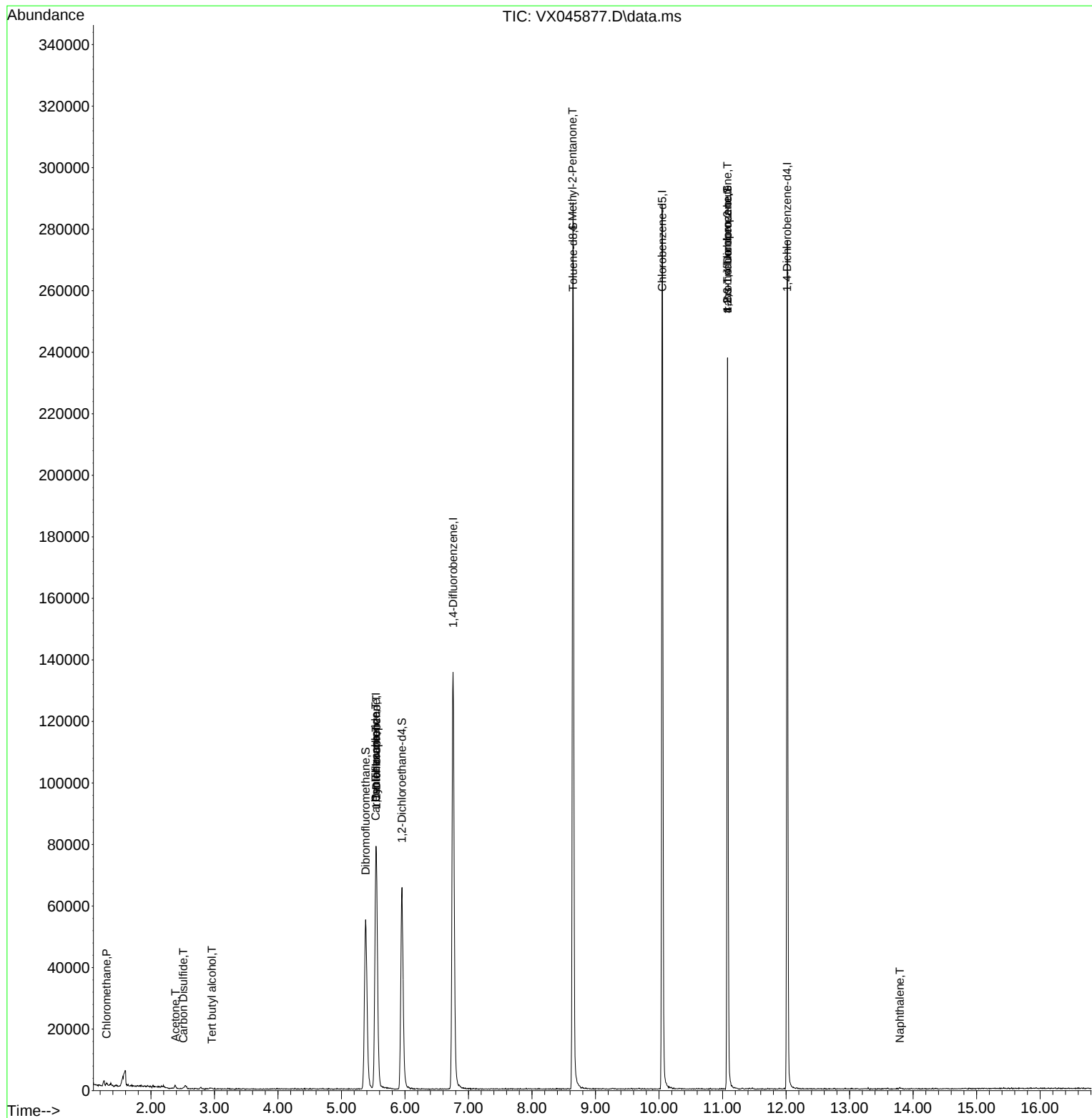
Internal Standards						
1) Pentafluorobenzene	5.544	168	68849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65353	51.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	5.379	113	47028	50.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	8.647	98	163738	50.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	60979	51.469	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1061	1.003	ug/l #	77
11) Tert butyl alcohol	2.959	59	87	0.514	ug/l #	72
16) Acetone	2.386	43	1031	1.994	ug/l	93
17) Carbon Disulfide	2.508	76	617	0.302	ug/l #	76
31) Cyclohexane	5.544	56	2029	1.314	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	6623	5.264	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7879	5.794	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	874	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35188	28.978	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35188	98.348	ug/l #	1
95) Naphthalene	13.792	128	781	0.226	ug/l #	69

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

Quant Time: Apr 23 01:32:55 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

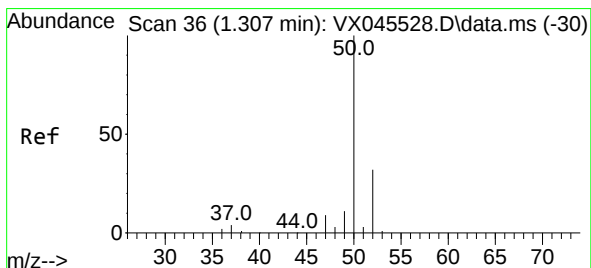
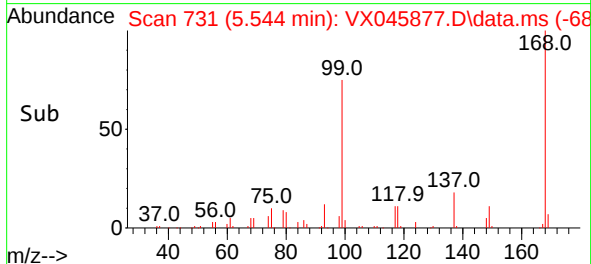
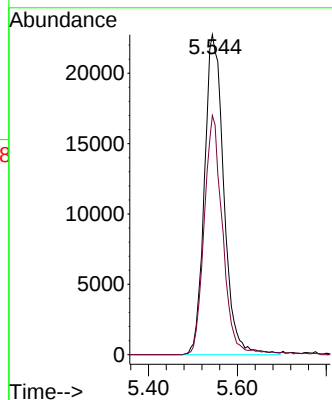
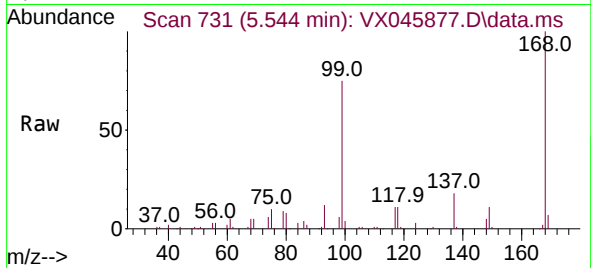




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

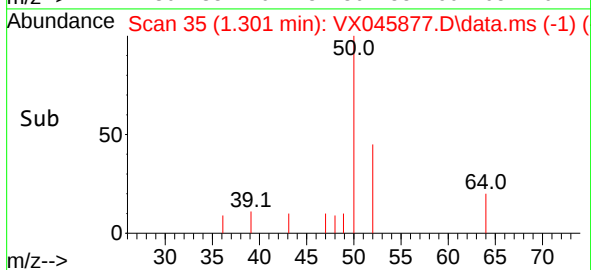
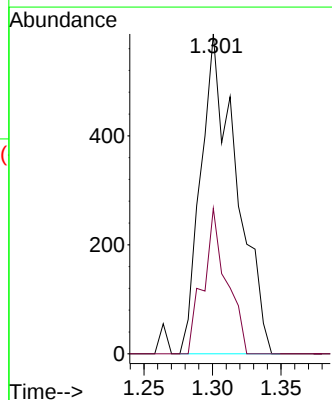
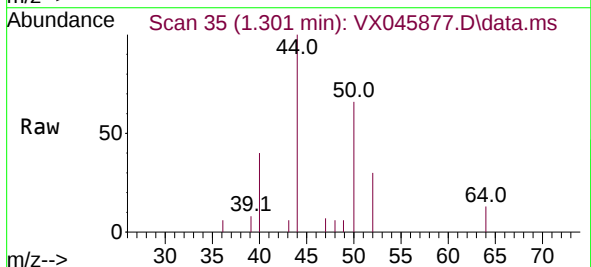
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

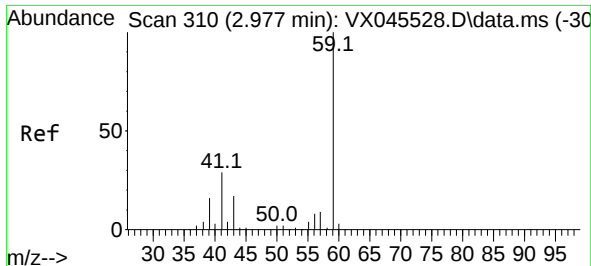
Tgt Ion:168 Resp: 68849
Ion Ratio Lower Upper
168 100
99 74.7 52.3 78.5



#3
Chloromethane
Concen: 1.003 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 50 Resp: 1061
Ion Ratio Lower Upper
50 100
52 45.5 25.9 38.9#

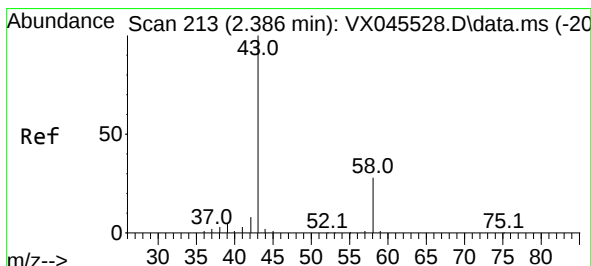
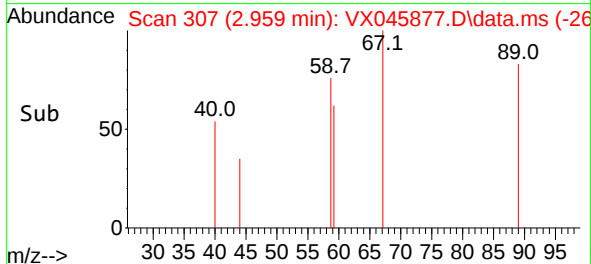
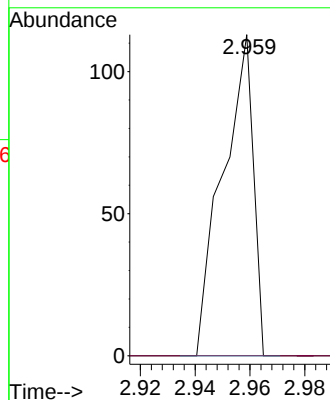
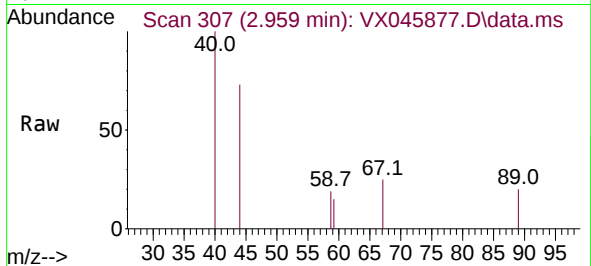




#11
Tert butyl alcohol
Concen: 0.514 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

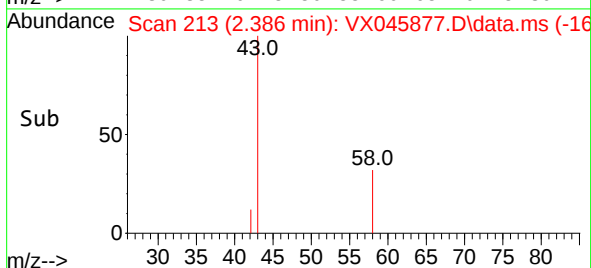
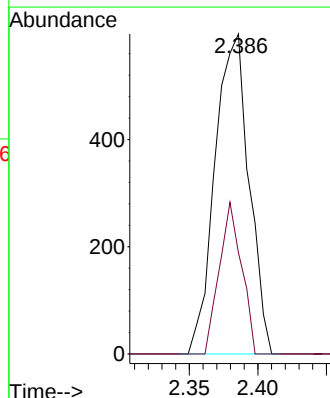
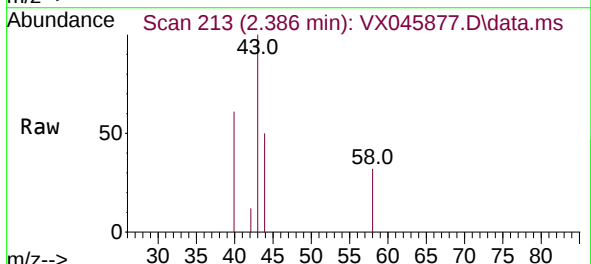
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

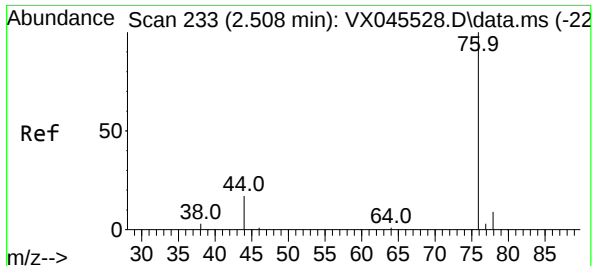
Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.994 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 31.7 22.3 33.5

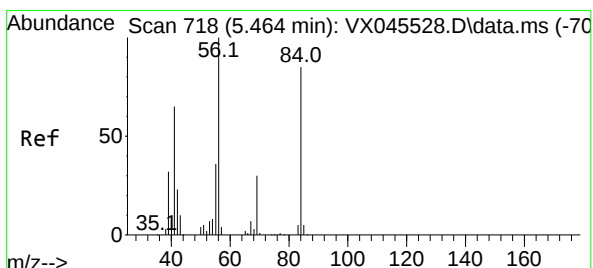
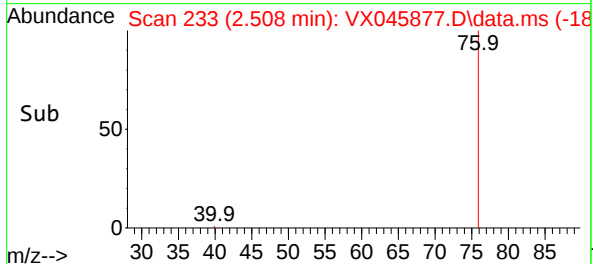
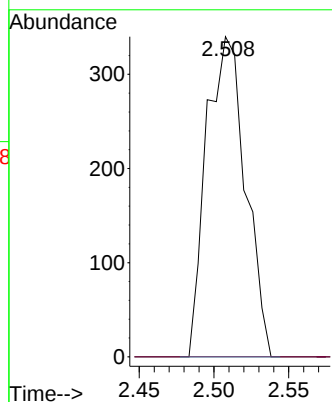
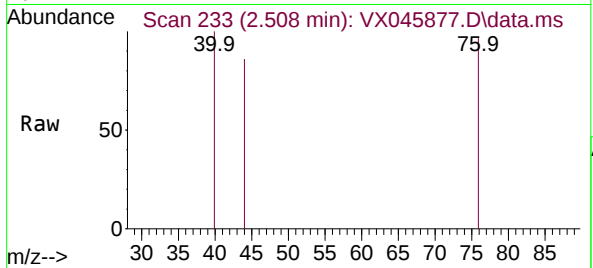




#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

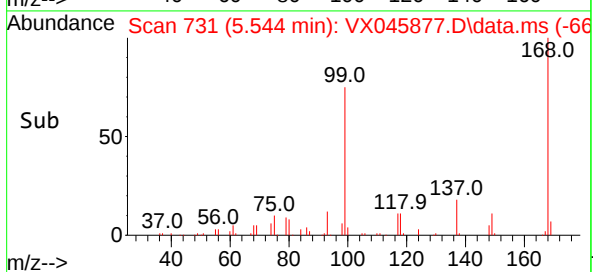
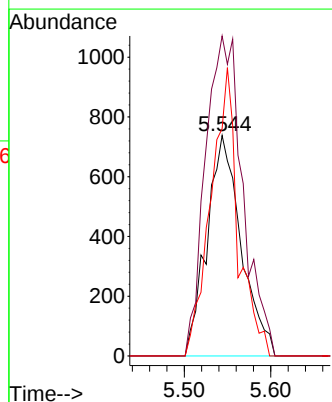
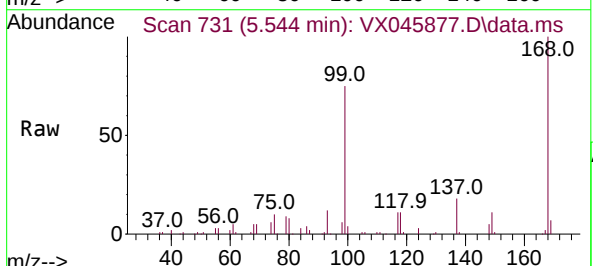
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

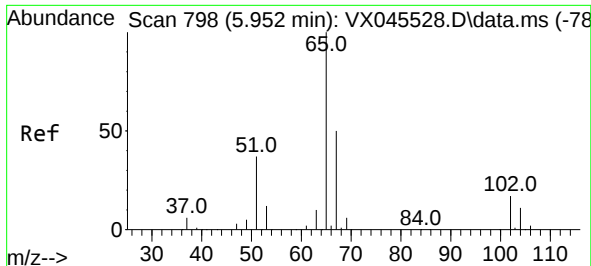
Tgt Ion: 76 Resp: 617
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 56 Resp: 2029
Ion Ratio Lower Upper
56 100
69 145.1 23.6 35.4#
84 103.1 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 51.906 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045877.D

Acq: 22 Apr 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

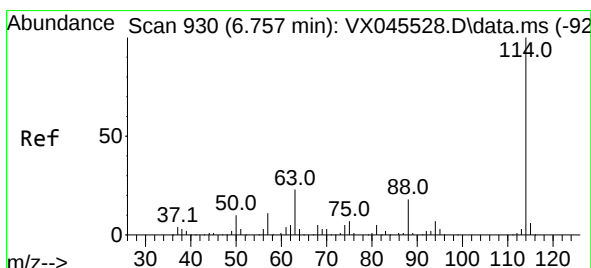
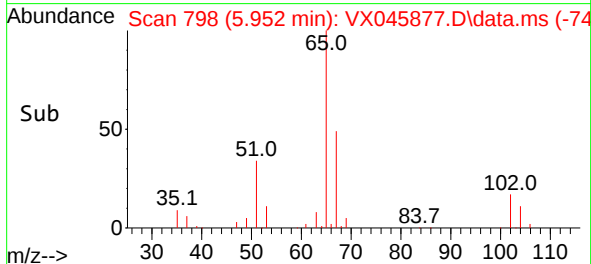
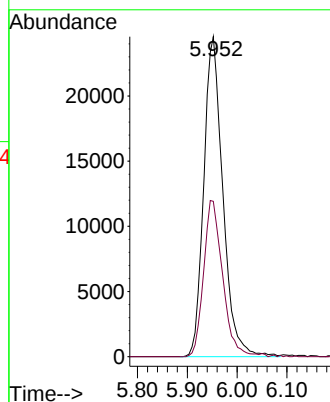
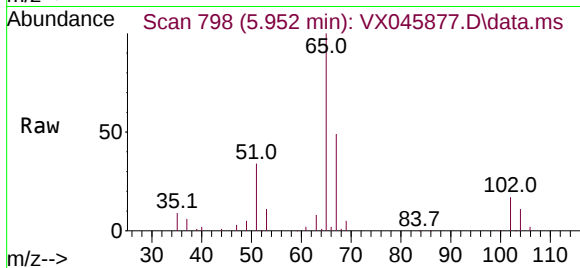
VX0422WBL01

Tgt Ion: 65 Resp: 65353

Ion Ratio Lower Upper

65 100

67 48.7 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: VX045877.D

Acq: 22 Apr 2025 11:20

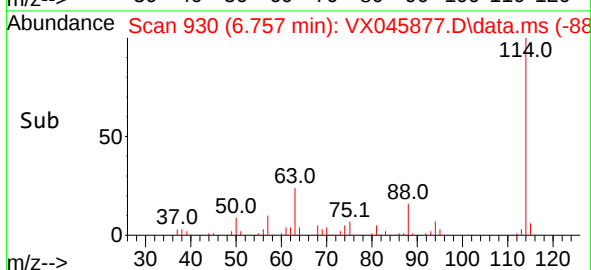
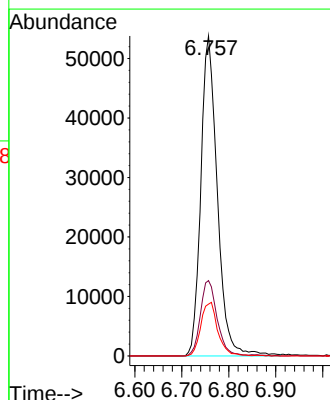
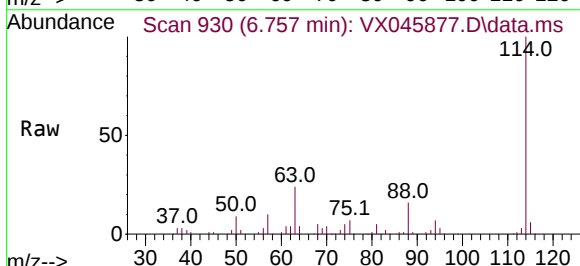
Tgt Ion: 114 Resp: 131344

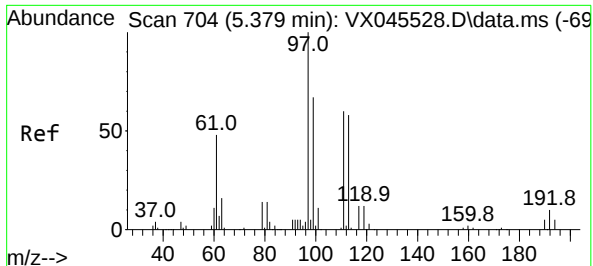
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

88 16.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.465 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045877.D

Acq: 22 Apr 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01

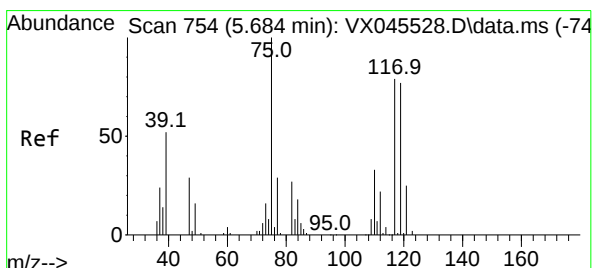
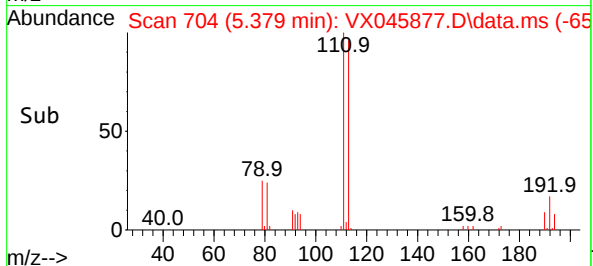
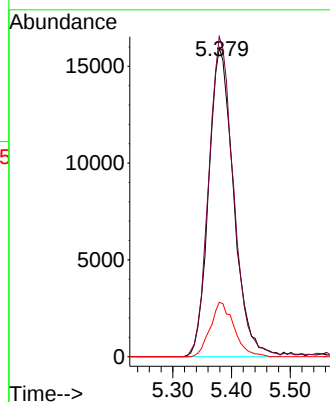
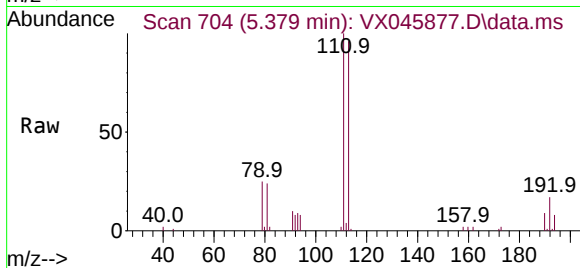
Tgt Ion:113 Resp: 47028

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

192 16.8 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.264 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX045877.D

Acq: 22 Apr 2025 11:20

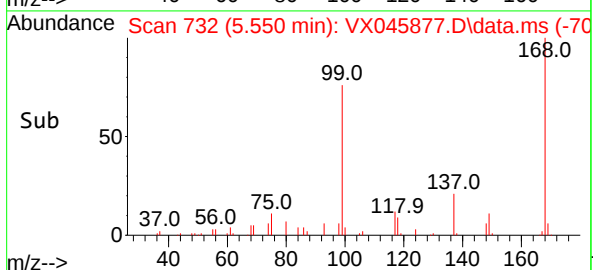
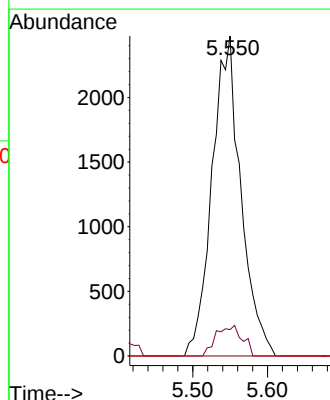
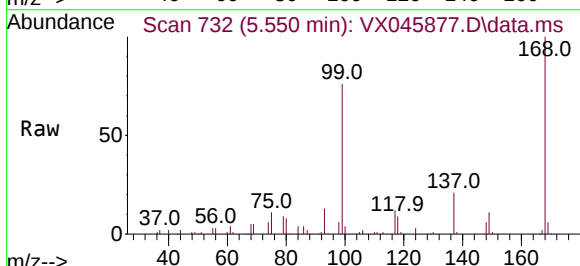
Tgt Ion: 75 Resp: 6623

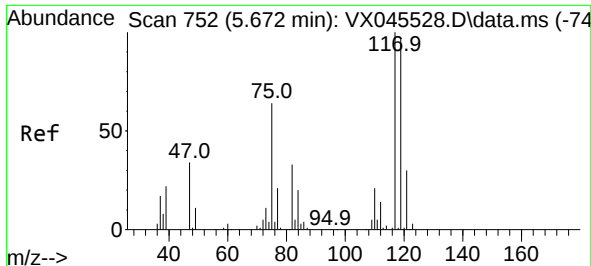
Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

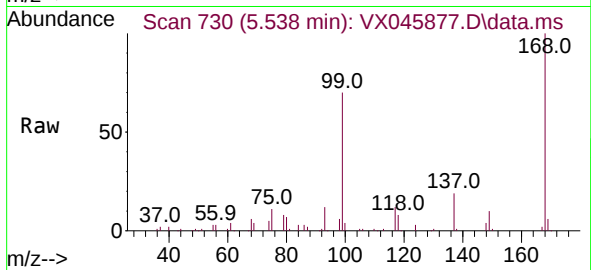
77 0.0 25.0 37.4#



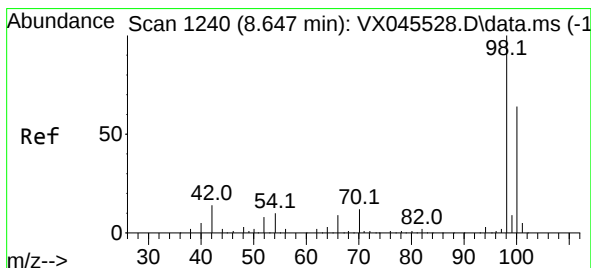
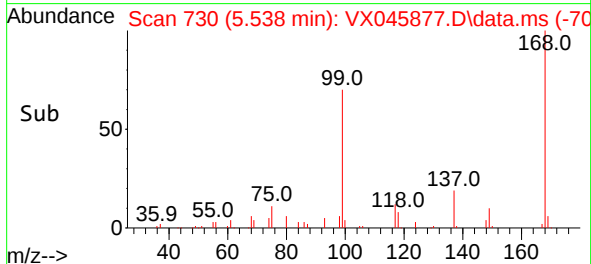
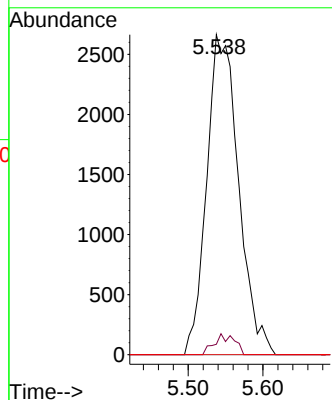


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

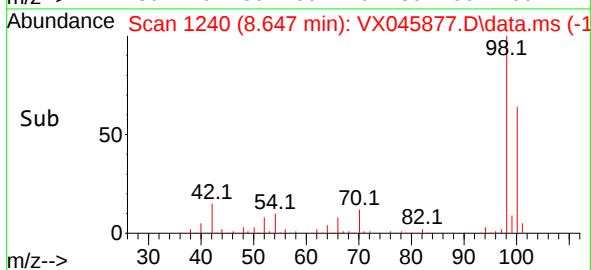
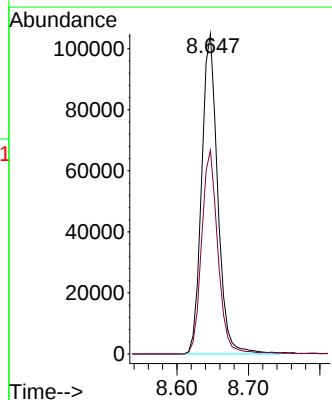
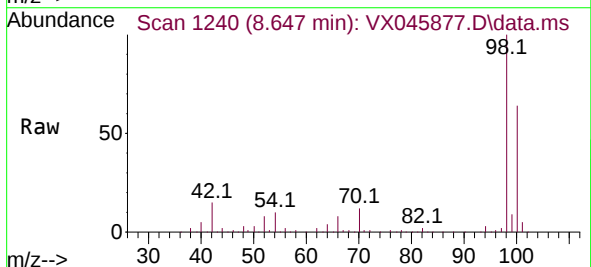


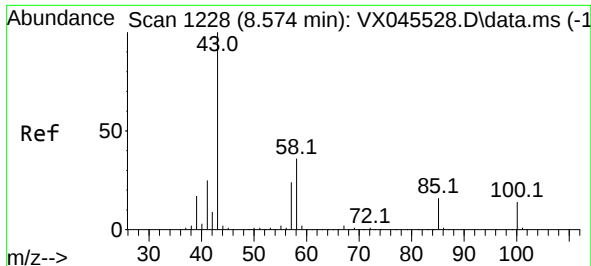
Tgt Ion:117 Resp: 7879
Ion Ratio Lower Upper
117 100
119 3.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.340 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 98 Resp: 163738
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

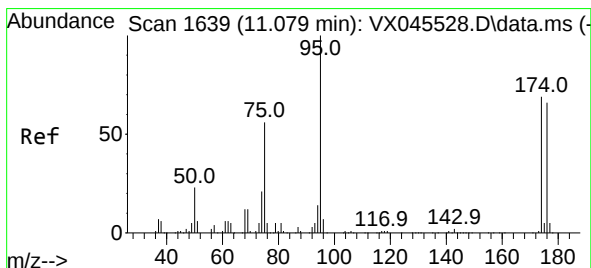
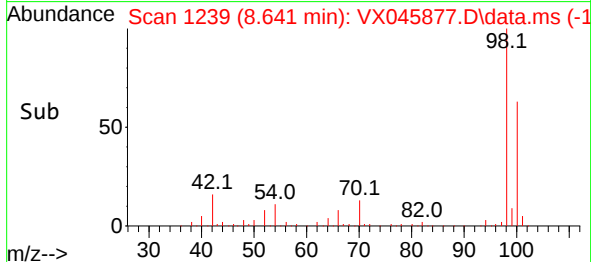
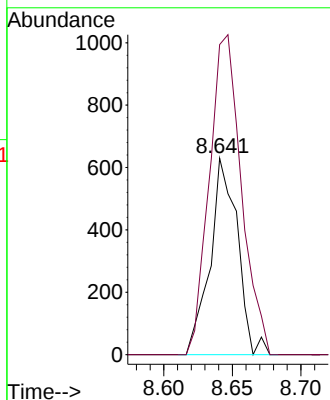
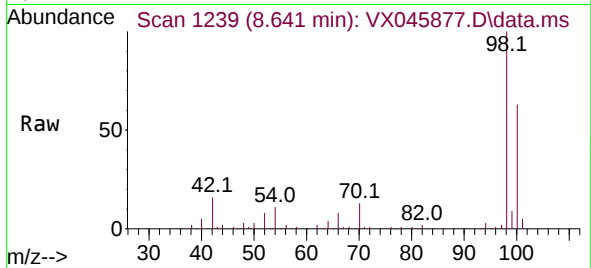




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

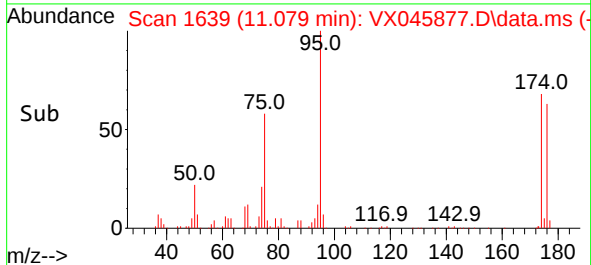
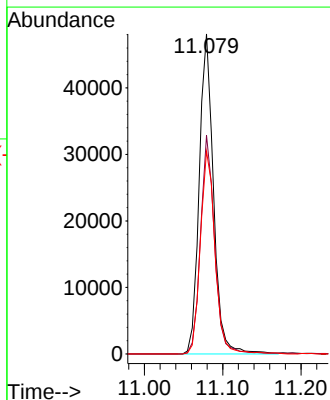
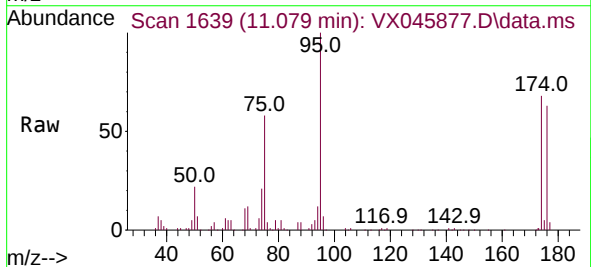
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

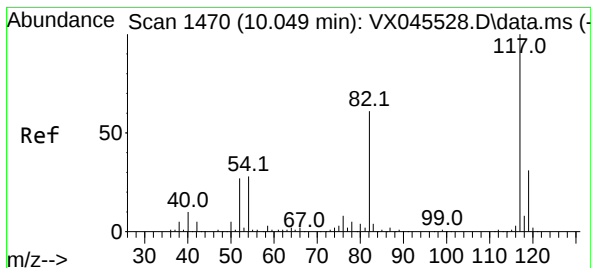
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 191.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 95 Resp: 60979
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.1 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: VX045877.D

Acq: 22 Apr 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01

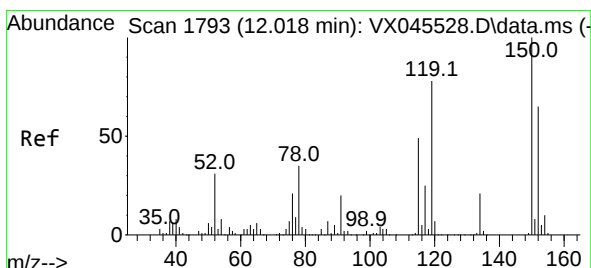
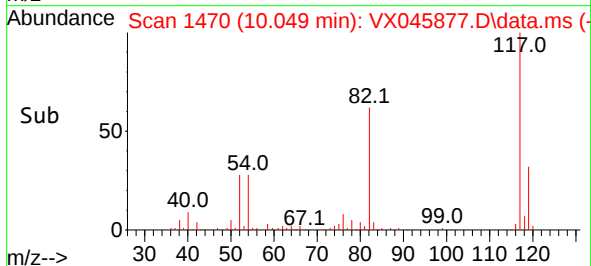
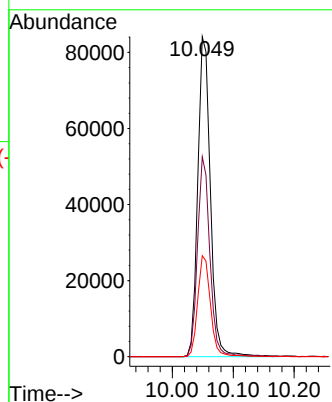
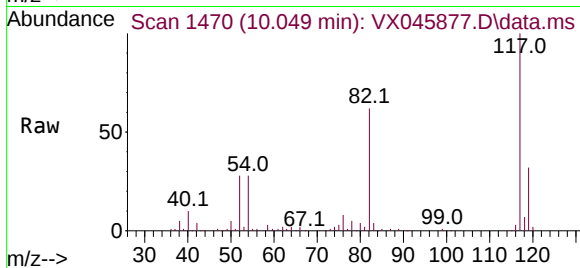
Tgt Ion:117 Resp: 120785

Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

119 31.6 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: VX045877.D

Acq: 22 Apr 2025 11:20

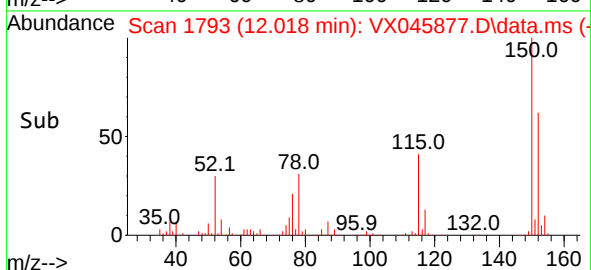
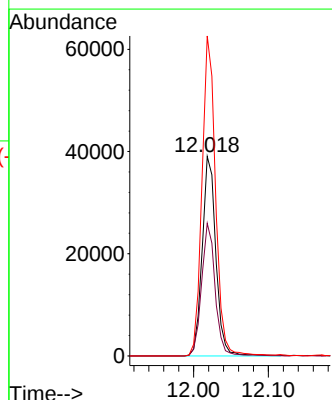
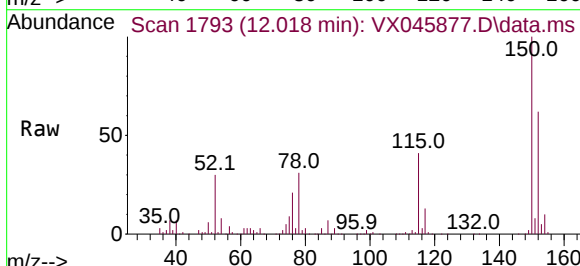
Tgt Ion:152 Resp: 49782

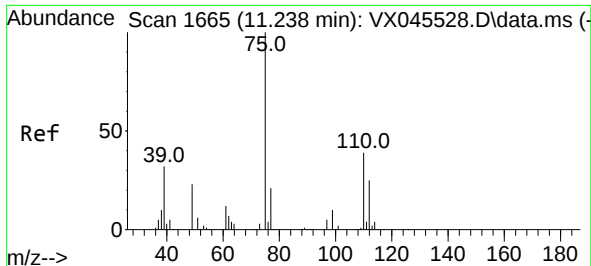
Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 158.5 0.0 349.4

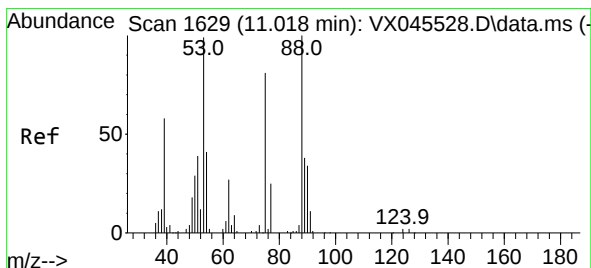
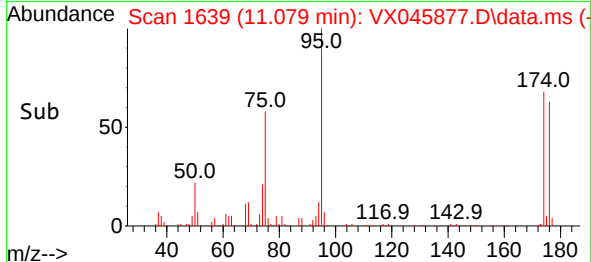
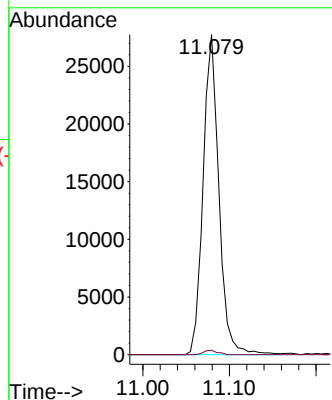
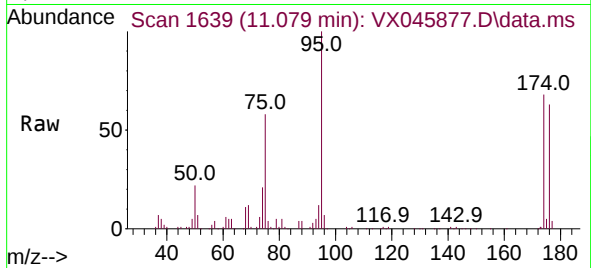




#76
1,2,3-Trichloropropane
Concen: 28.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

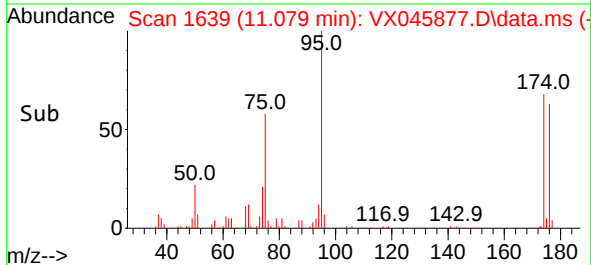
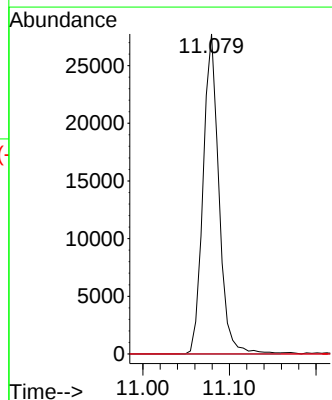
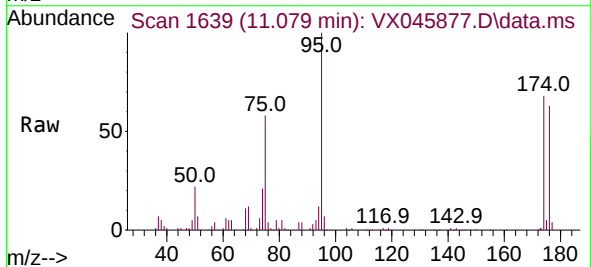
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

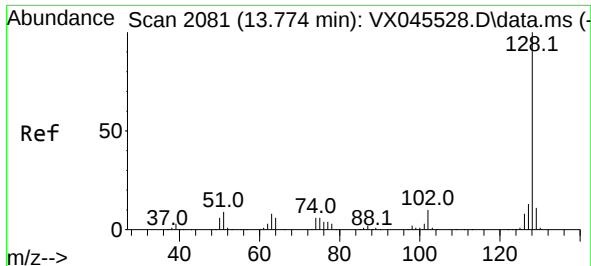
Tgt Ion: 75 Resp: 35188
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045877.D
Acq: 22 Apr 2025 11:20

Tgt Ion: 75 Resp: 35188
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 0.226 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX045877.D

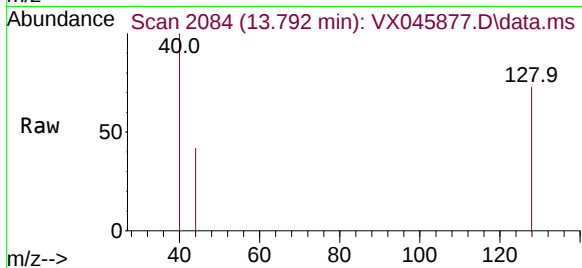
Acq: 22 Apr 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01



Tgt Ion:128 Resp: 781

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#

