

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045838.D
 Acq On : 17 Apr 2025 18:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:43:25 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)

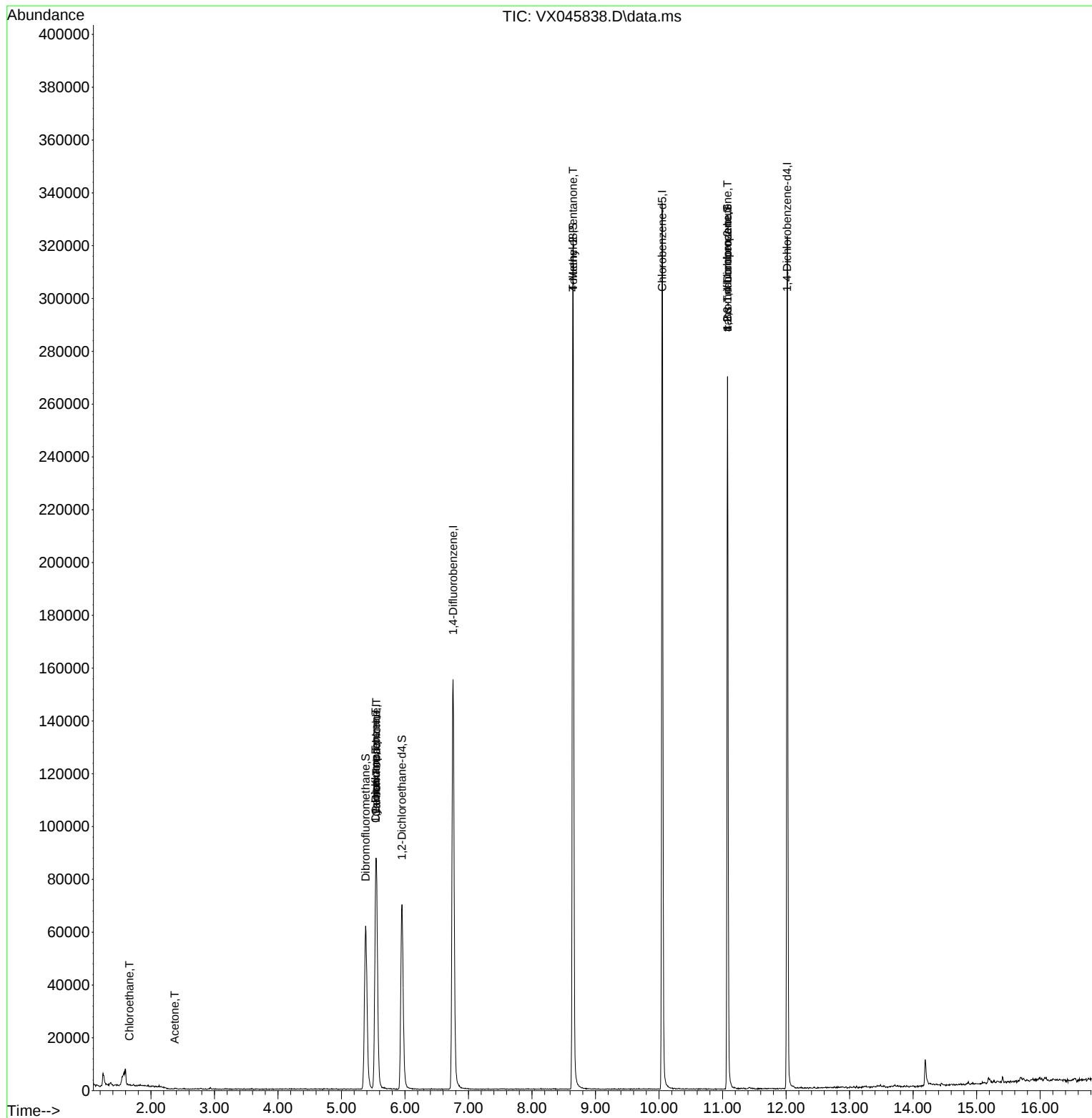
Internal Standards						
1) Pentafluorobenzene	5.544	168	76957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72322	51.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.780%	
35) Dibromofluoromethane	5.379	113	52898	49.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.000%	
50) Toluene-d8	8.647	98	188162	50.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	11.079	95	70641	51.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	198	0.345	ug/l #	42
16) Acetone	2.374	43	220	0.381	ug/l #	47
31) Cyclohexane	5.538	56	2132	1.235	ug/l #	32
36) 1,1-Dichloropropene	5.538	75	7463	5.173	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8769	5.624	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1074	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41156	29.060	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41156	98.626	ug/l #	1

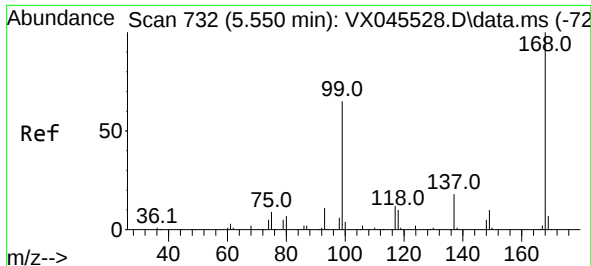
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
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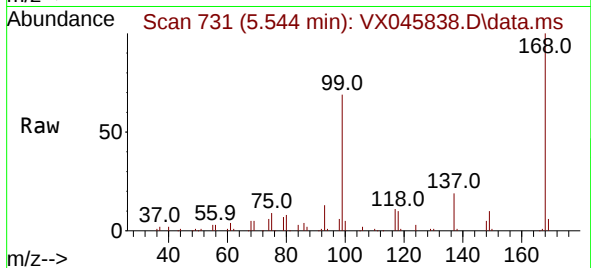
Quant Time: Apr 18 03:43:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



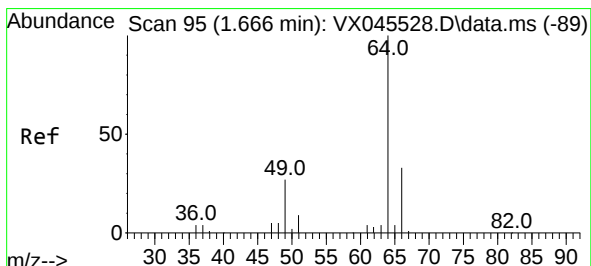
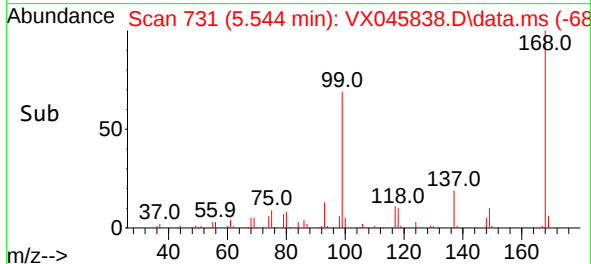
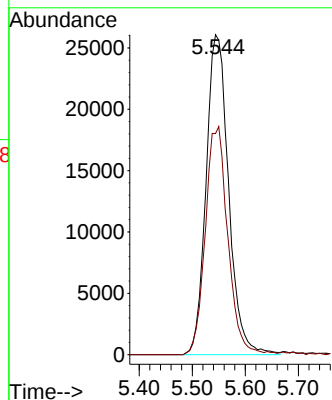


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :

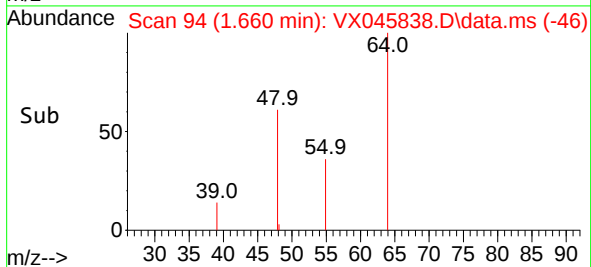
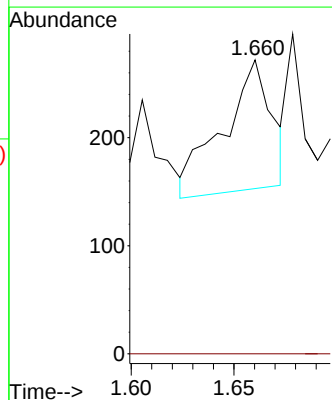
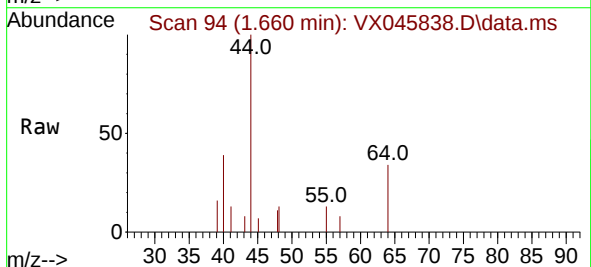


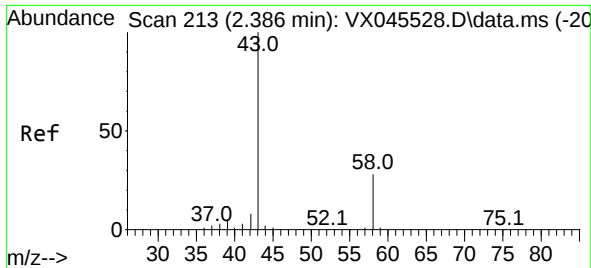
Tgt Ion:168 Resp: 76957
Ion Ratio Lower Upper
168 100
99 69.1 52.3 78.5



#6
Chloroethane
Concen: 0.345 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

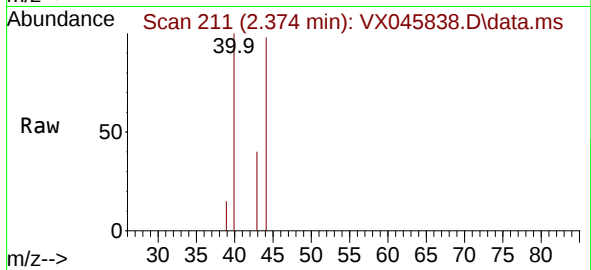
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



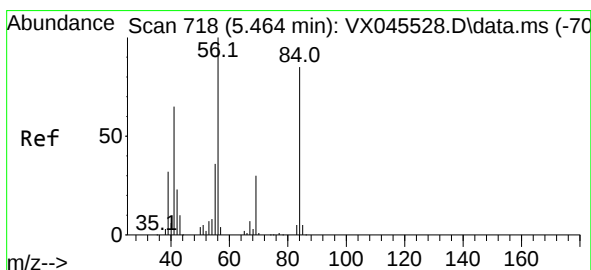
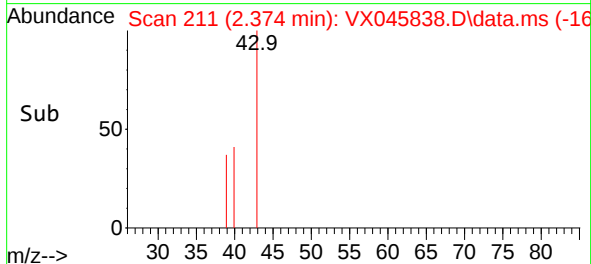
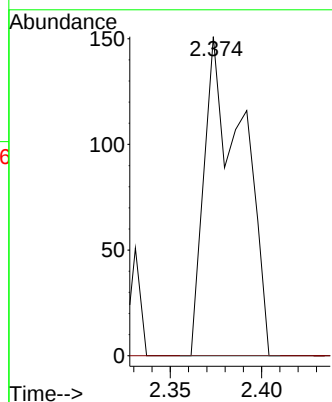


#16
Acetone
Concen: 0.381 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :

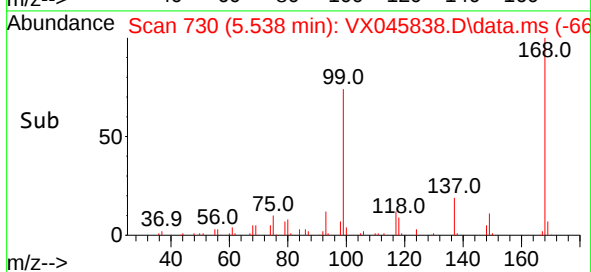
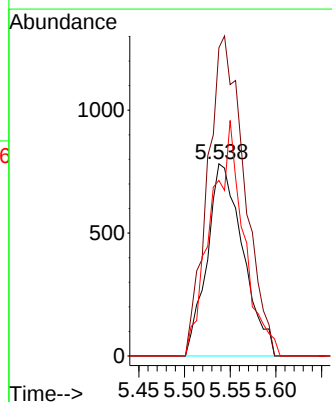
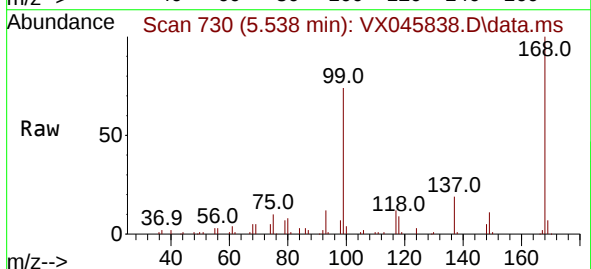


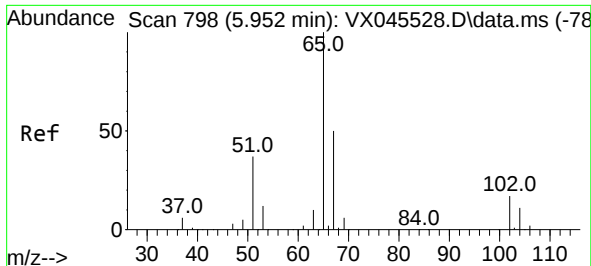
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Tgt Ion: 56 Resp: 2132
Ion Ratio Lower Upper
56 100
69 160.4 23.6 35.4#
84 91.3 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 51.389 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045838.D

Acq: 17 Apr 2025 18:56

Instrument :

MSVOA_X

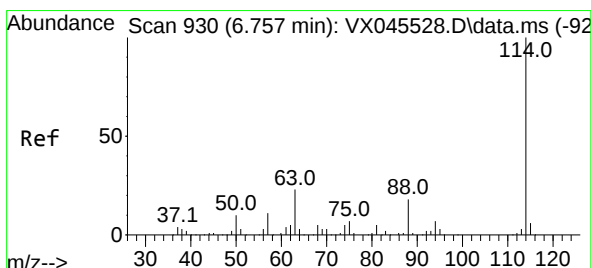
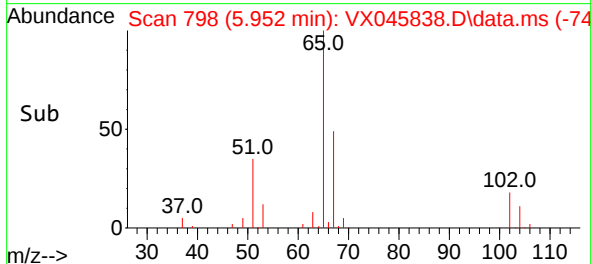
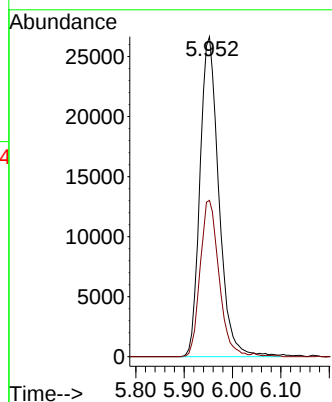
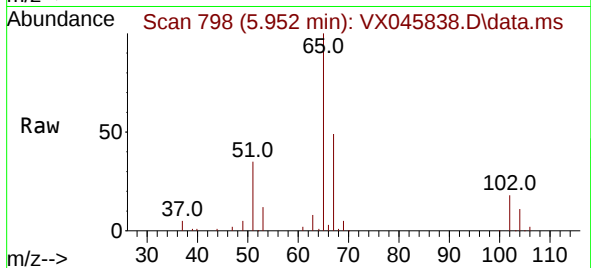
ClientSampleId :

Tgt Ion: 65 Resp: 72322

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: VX045838.D

Acq: 17 Apr 2025 18:56

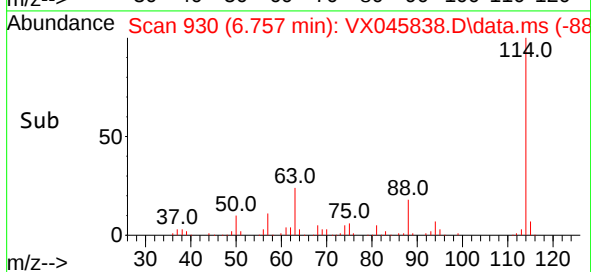
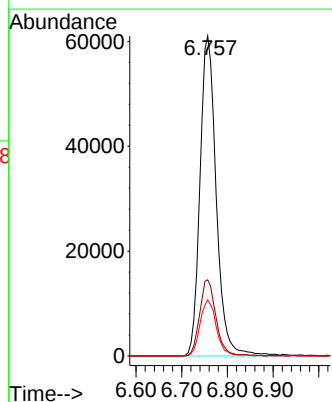
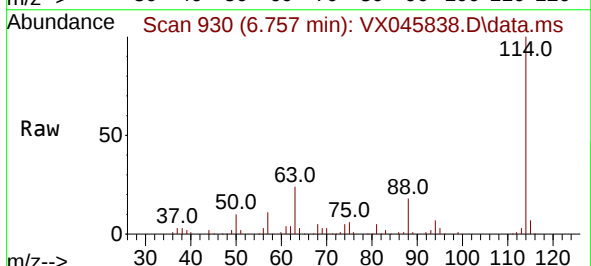
Tgt Ion: 114 Resp: 150611

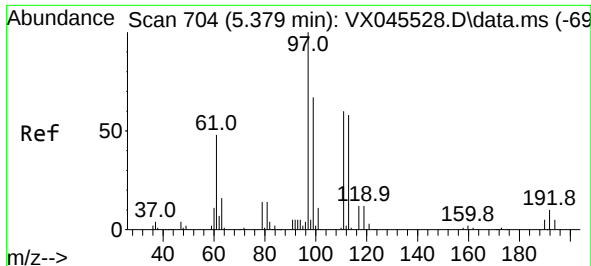
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

88 17.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.503 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

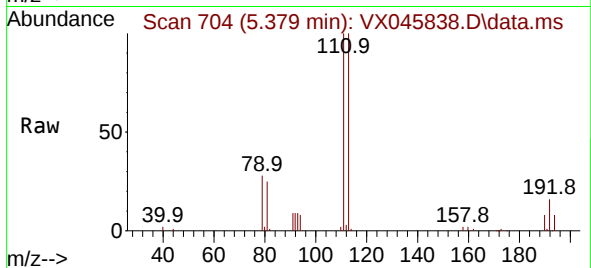
Lab File: VX045838.D

Acq: 17 Apr 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :



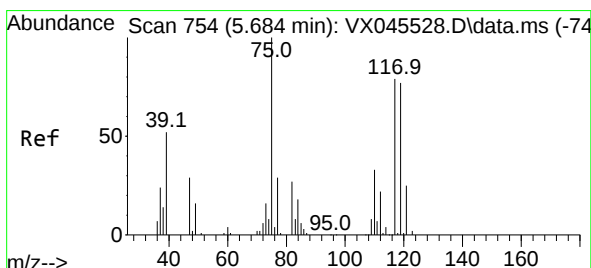
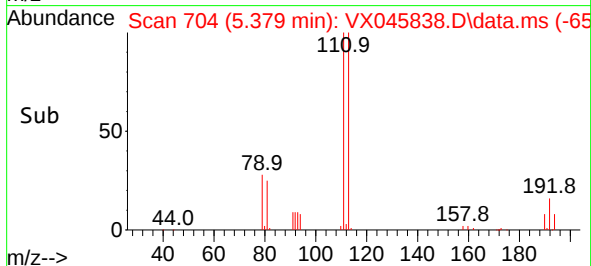
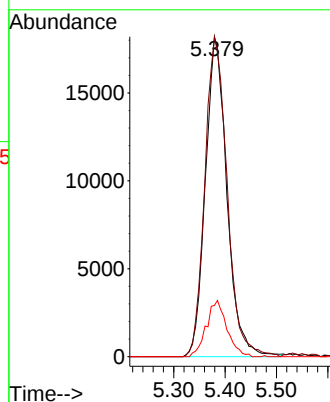
Tgt Ion:113 Resp: 52898

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

192 16.8 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.173 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX045838.D

Acq: 17 Apr 2025 18:56

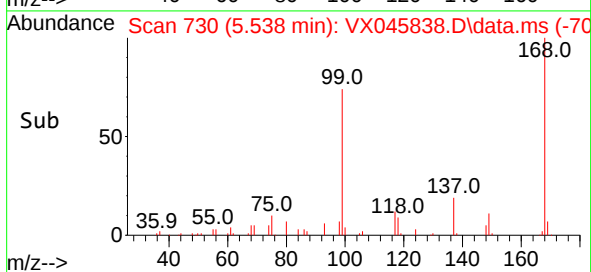
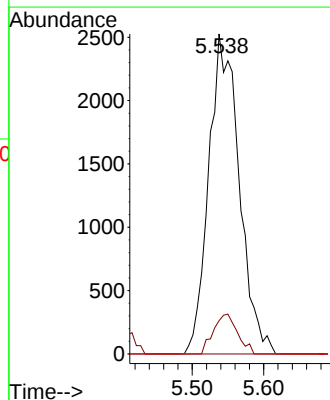
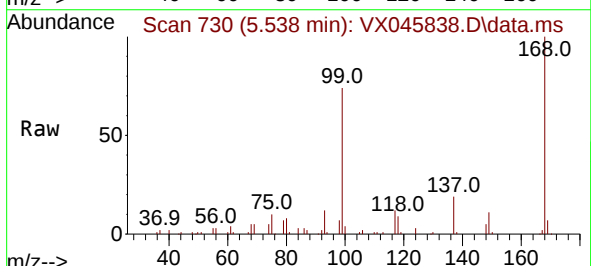
Tgt Ion: 75 Resp: 7463

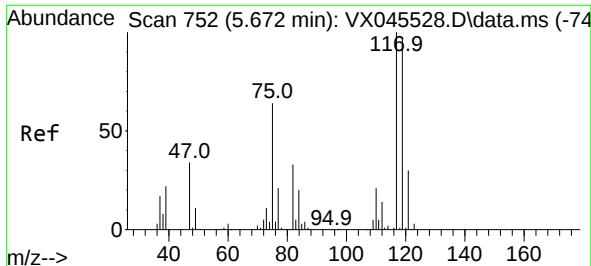
Ion Ratio Lower Upper

75 100

110 9.8 16.9 50.6#

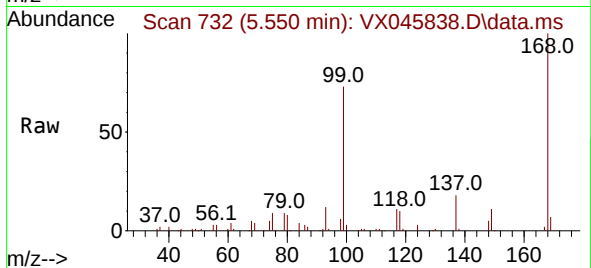
77 0.0 25.0 37.4#



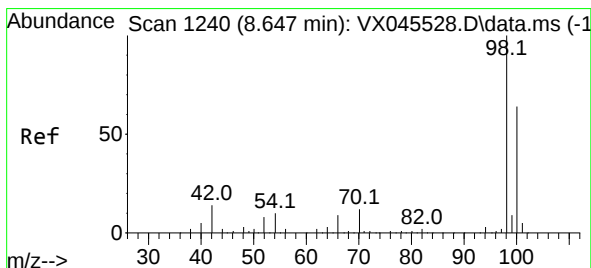
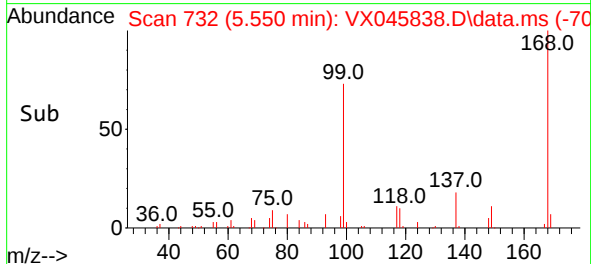
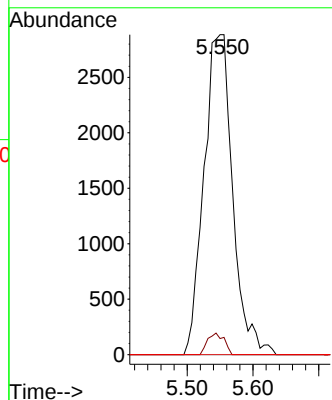


#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :

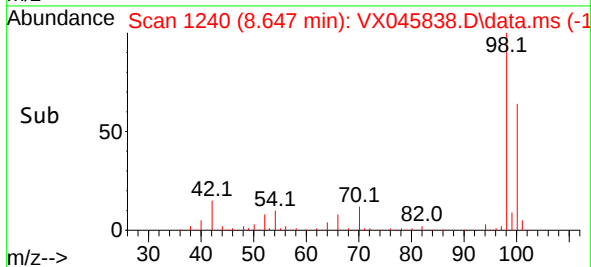
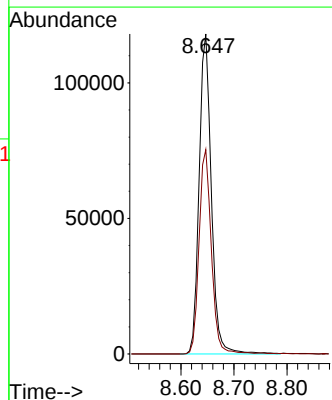
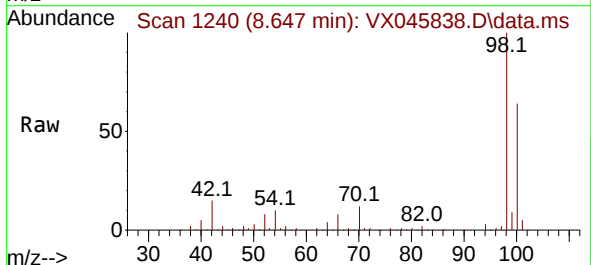


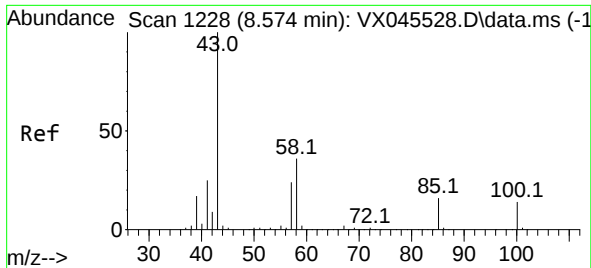
Tgt Ion:117 Resp: 8769
Ion Ratio Lower Upper
117 100
119 5.1 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Tgt Ion: 98 Resp: 188162
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

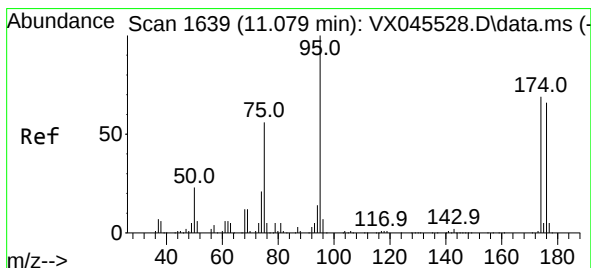
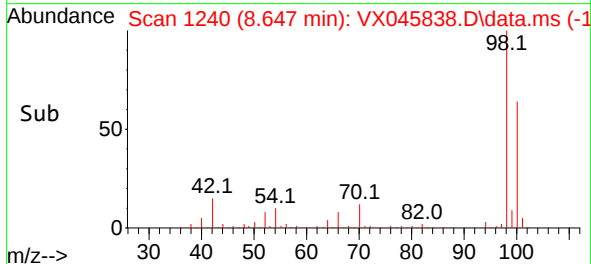
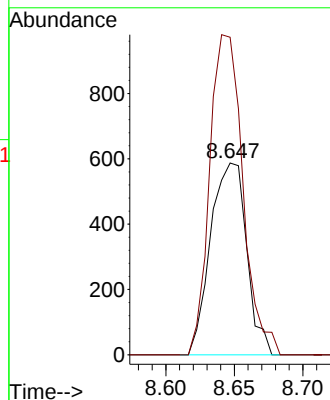
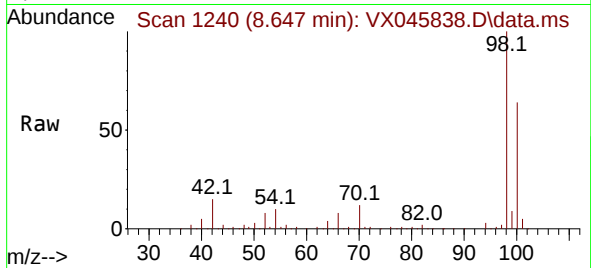




#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

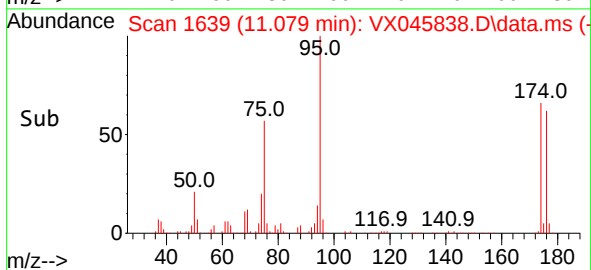
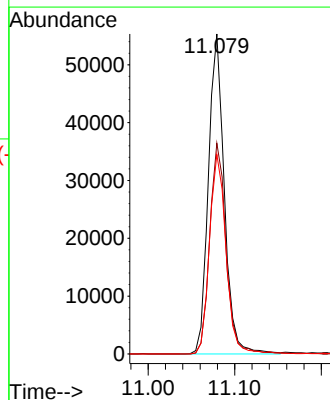
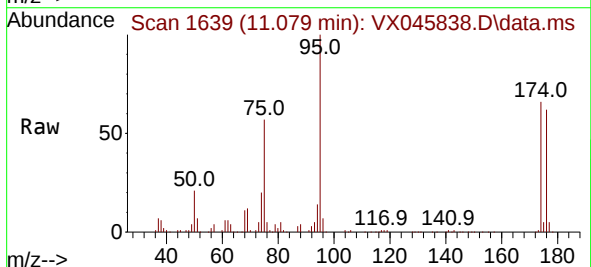
Instrument :
MSVOA_X
ClientSampleId :

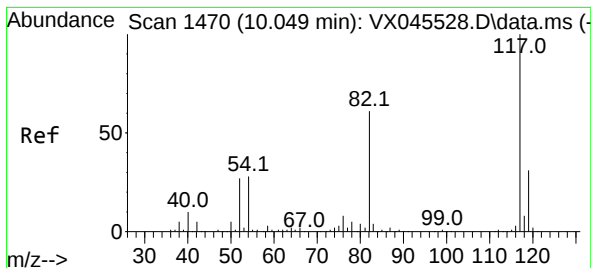
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 153.7 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Tgt Ion: 95 Resp: 70641
Ion Ratio Lower Upper
95 100
174 67.6 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: VX045838.D

Acq: 17 Apr 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

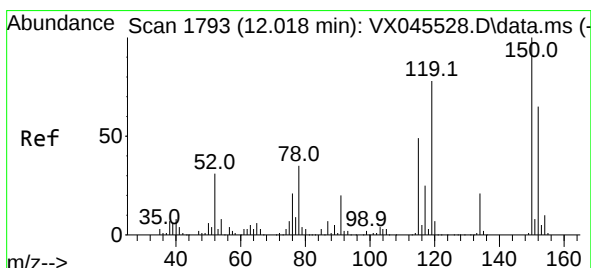
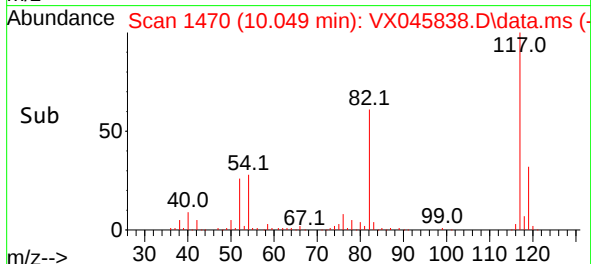
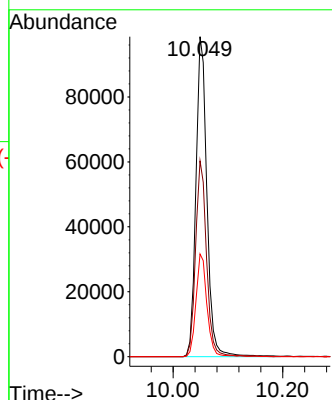
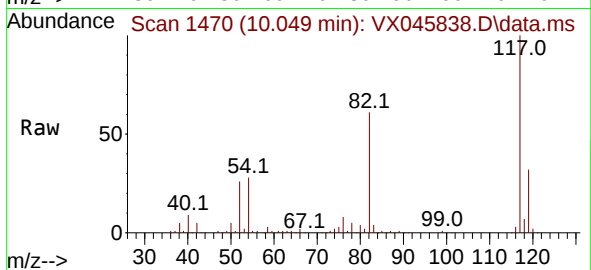
Tgt Ion:117 Resp: 137860

Ion Ratio Lower Upper

117 100

82 61.2 49.2 73.8

119 32.1 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: VX045838.D

Acq: 17 Apr 2025 18:56

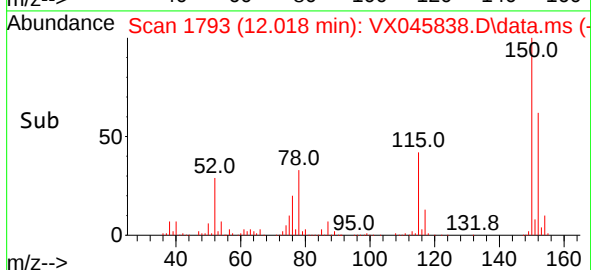
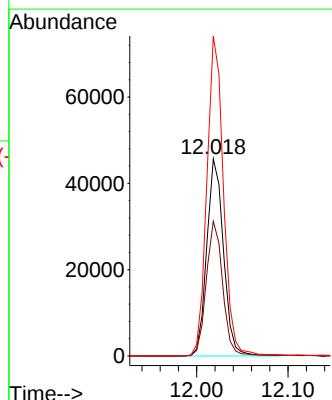
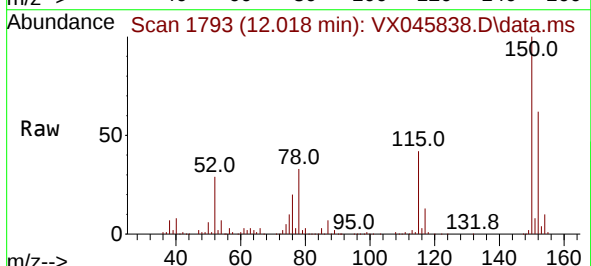
Tgt Ion:152 Resp: 58061

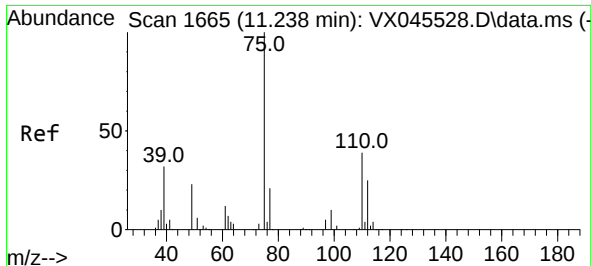
Ion Ratio Lower Upper

152 100

115 67.1 46.9 140.7

150 160.5 0.0 349.4

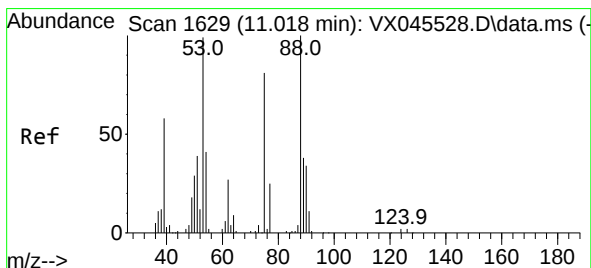
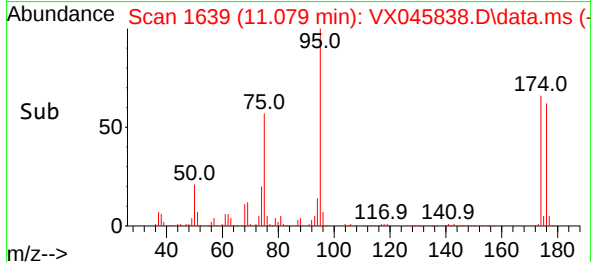
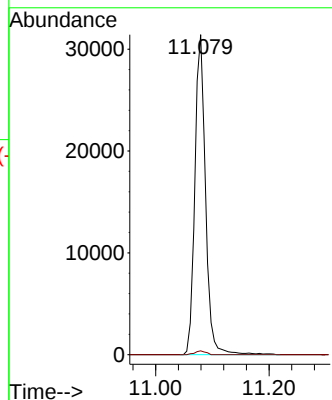
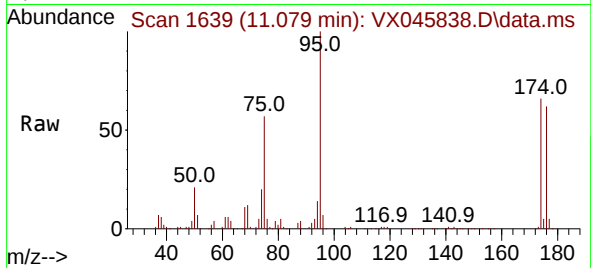




#76
1,2,3-Trichloropropane
Concen: 29.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41156
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045838.D
Acq: 17 Apr 2025 18:56

Tgt Ion: 75 Resp: 41156
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

