

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045412.D
 Acq On : 24 Mar 2025 14:07
 Operator : JC/MD
 Sample : Q1608-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20250318

Quant Time: Mar 25 01:33:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

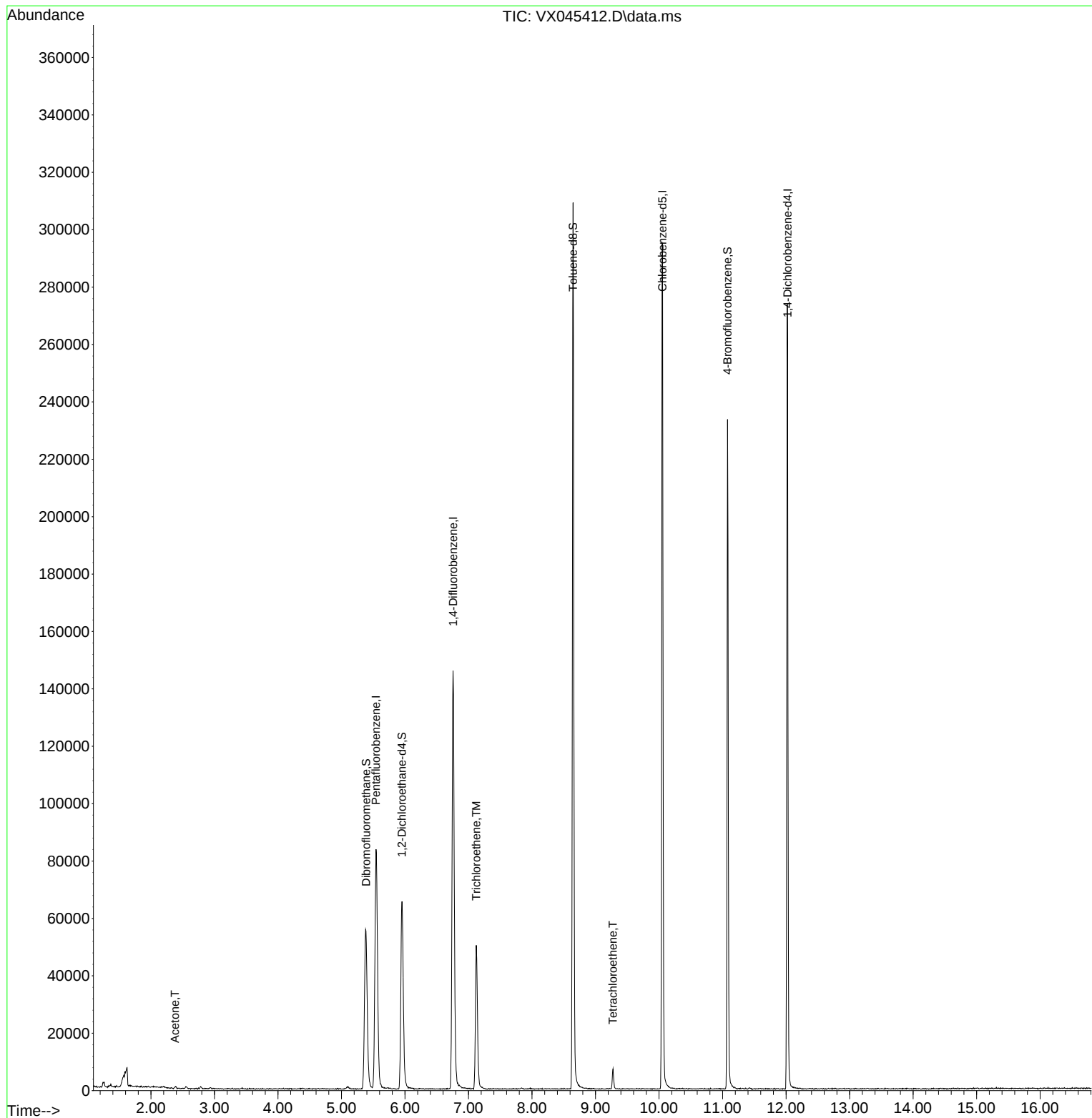
Internal Standards						
1) Pentafluorobenzene	5.543	168	72484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64677	56.096	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.200%
35) Dibromofluoromethane	5.385	113	49839	52.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.220%
50) Toluene-d8	8.647	98	174748	50.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	11.079	95	59982	52.210	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.420%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	905	1.692	ug/l	96
44) Trichloroethene	7.122	130	18390	18.911	ug/l	98
64) Tetrachloroethene	9.274	164	1290	1.564	ug/l #	81

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

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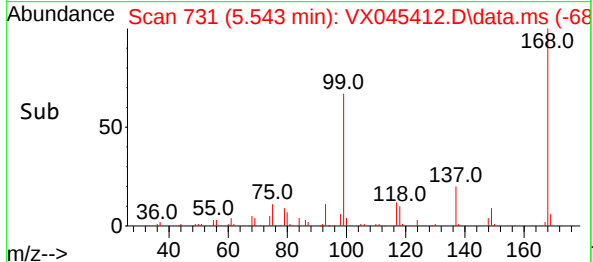
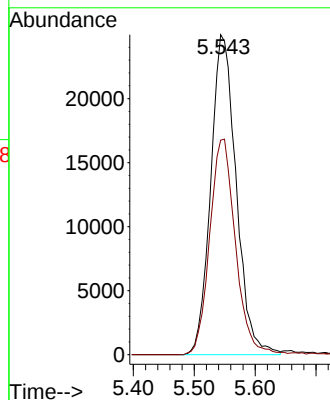
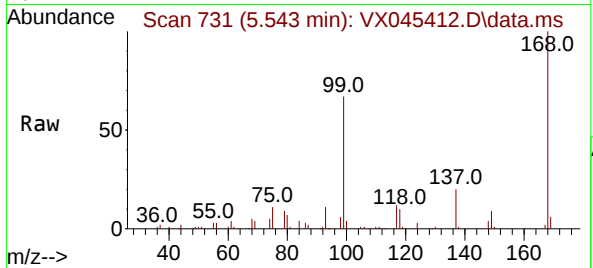




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045412.D
Acq: 24 Mar 2025 14:07

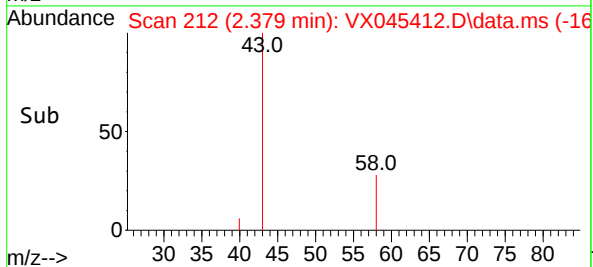
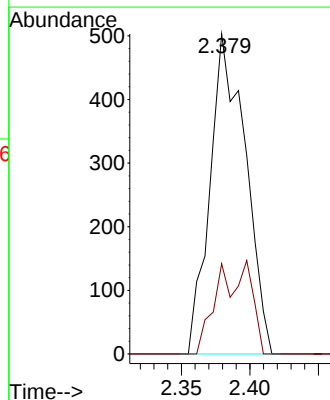
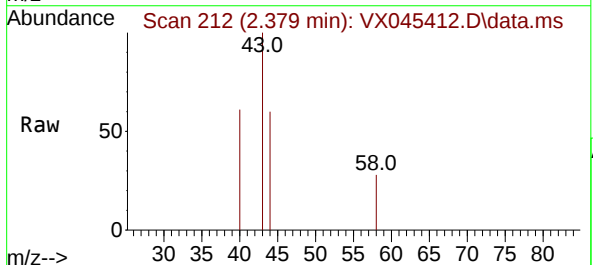
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250318

Tgt Ion:168 Resp: 72484
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#16
Acetone
Concen: 1.692 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045412.D
Acq: 24 Mar 2025 14:07

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 56.096 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045412.D

Acq: 24 Mar 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

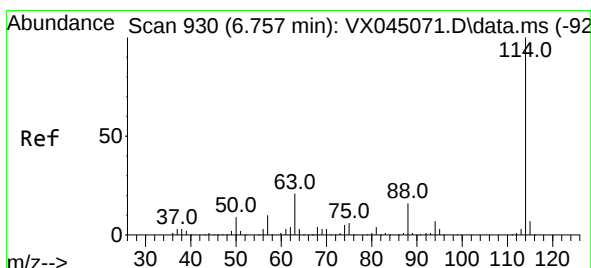
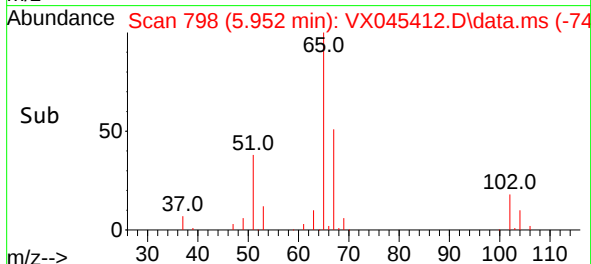
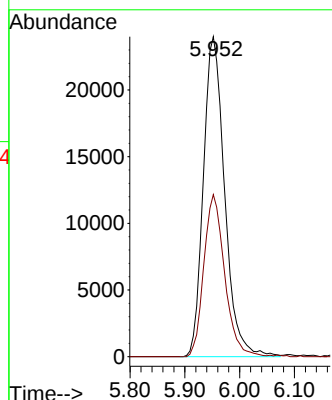
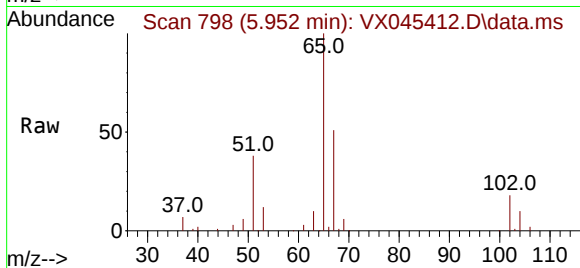
GM38-RW3-MW1-20250318

Tgt Ion: 65 Resp: 64677

Ion Ratio Lower Upper

65 100

67 49.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045412.D

Acq: 24 Mar 2025 14:07

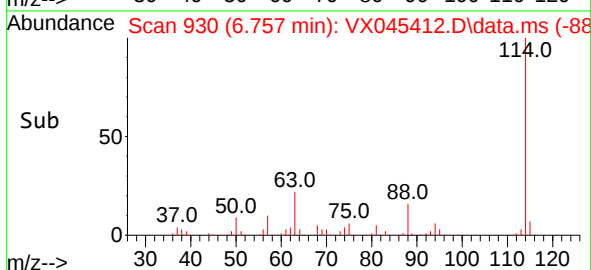
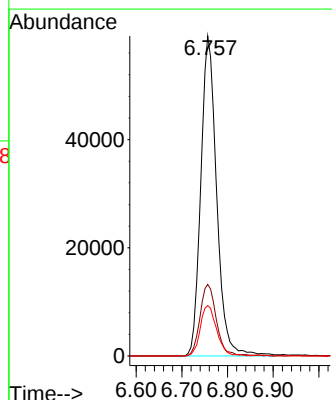
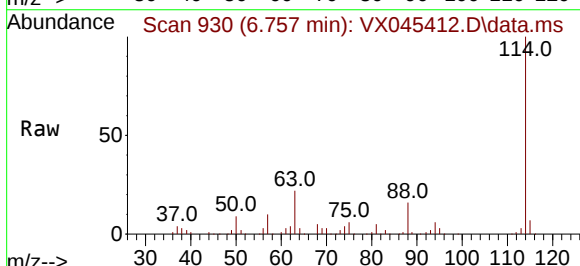
Tgt Ion: 114 Resp: 143019

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.115 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045412.D

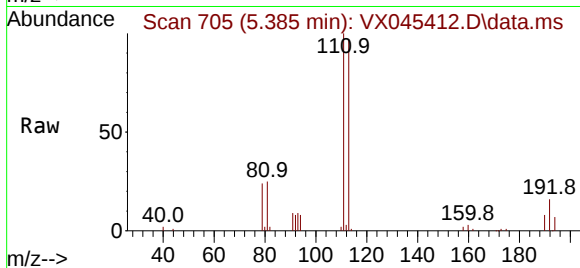
Acq: 24 Mar 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20250318



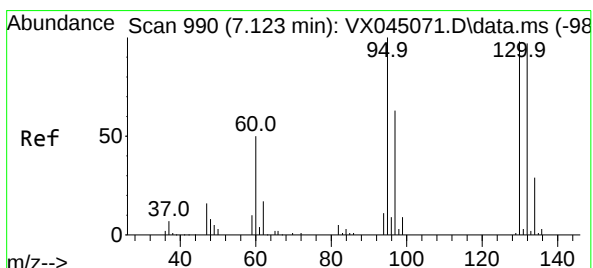
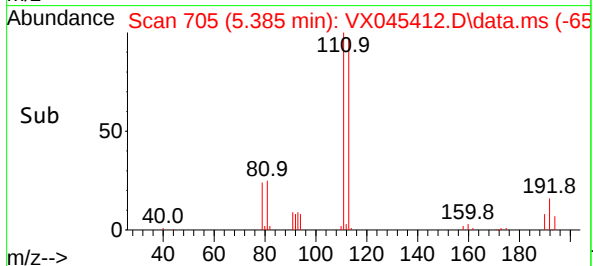
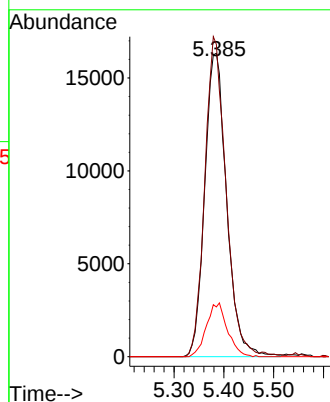
Tgt Ion:113 Resp: 49839

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

192 17.0 14.3 21.5



#44

Trichloroethene

Concen: 18.911 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045412.D

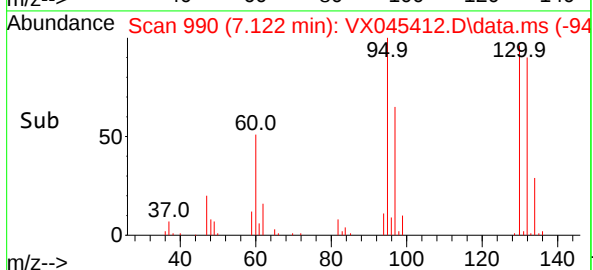
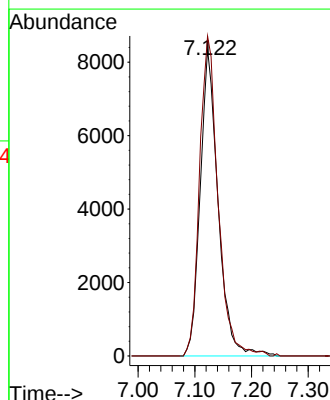
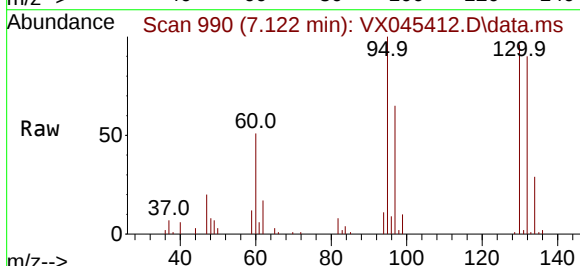
Acq: 24 Mar 2025 14:07

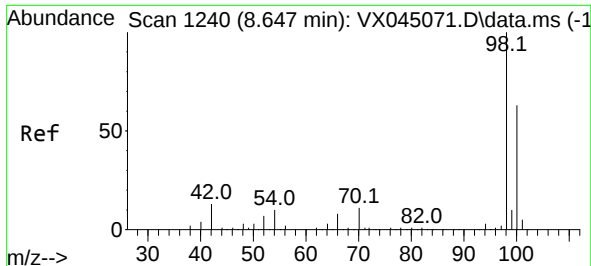
Tgt Ion:130 Resp: 18390

Ion Ratio Lower Upper

130 100

95 104.3 0.0 205.0

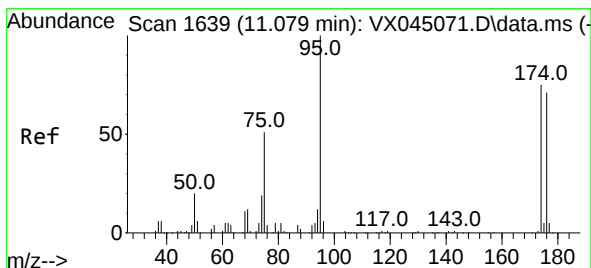
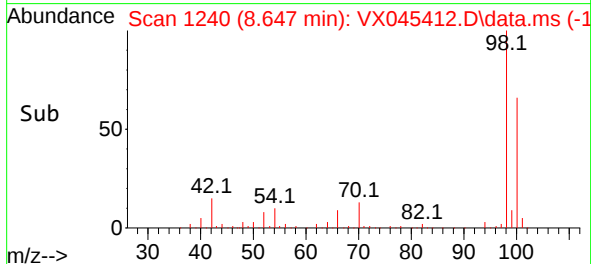
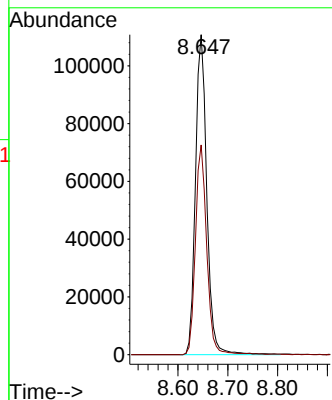
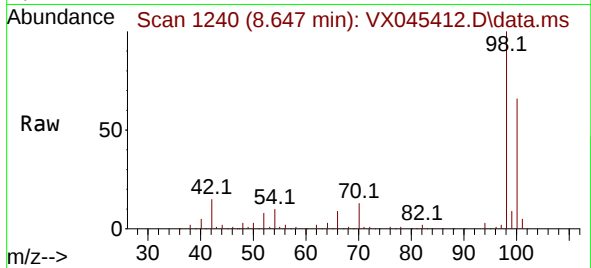




#50
Toluene-d8
Concen: 50.403 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045412.D
Acq: 24 Mar 2025 14:07

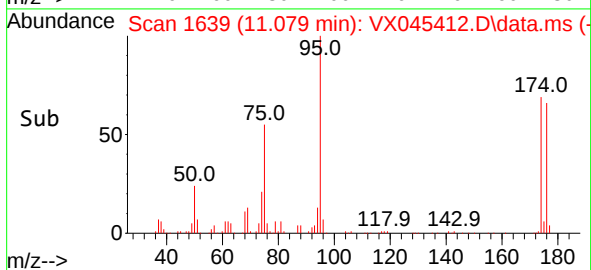
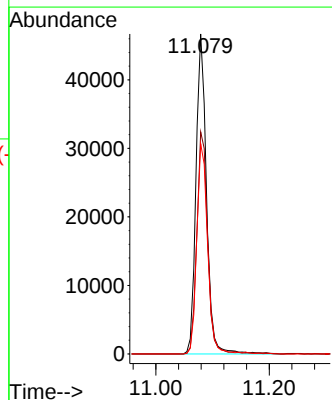
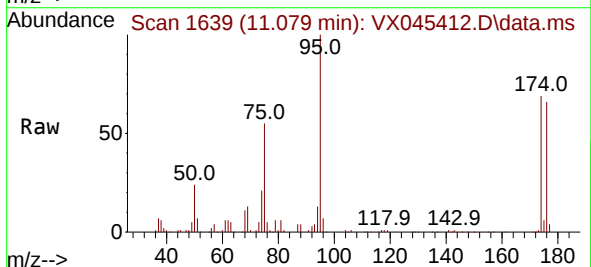
Instrument :
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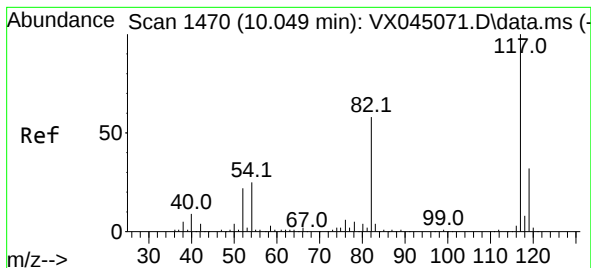
Tgt Ion: 98 Resp: 174748
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045412.D
Acq: 24 Mar 2025 14:07

Tgt Ion: 95 Resp: 59982
Ion Ratio Lower Upper
95 100
174 71.8 0.0 148.2
176 67.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045412.D

Acq: 24 Mar 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20250318

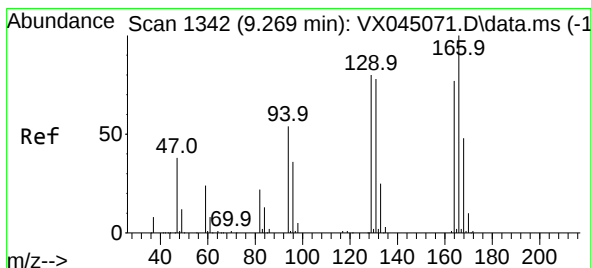
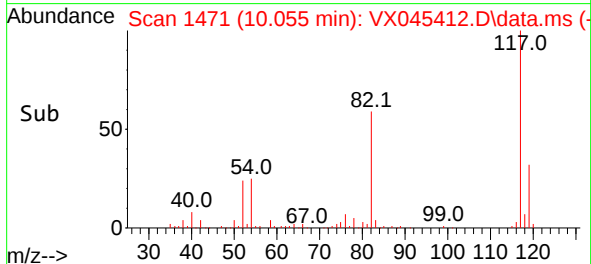
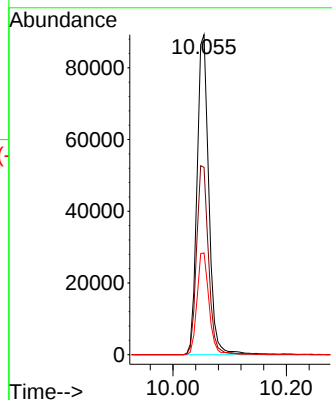
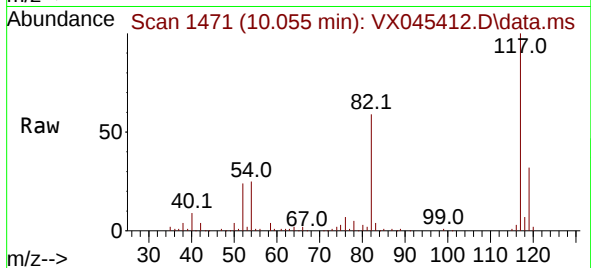
Tgt Ion:117 Resp: 128743

Ion Ratio Lower Upper

117 100

82 58.6 46.3 69.5

119 31.8 25.7 38.5



#64

Tetrachloroethene

Concen: 1.564 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045412.D

Acq: 24 Mar 2025 14:07

Tgt Ion:164 Resp: 1290

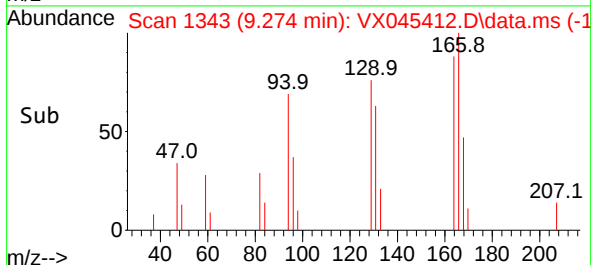
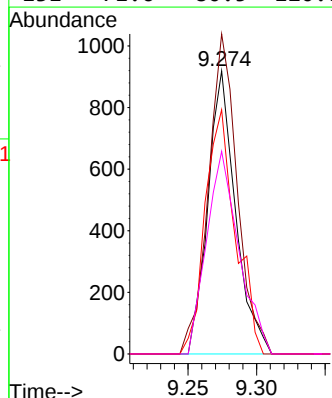
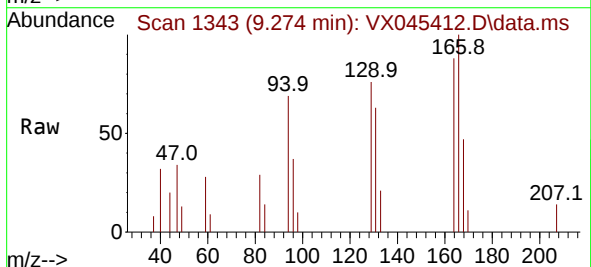
Ion Ratio Lower Upper

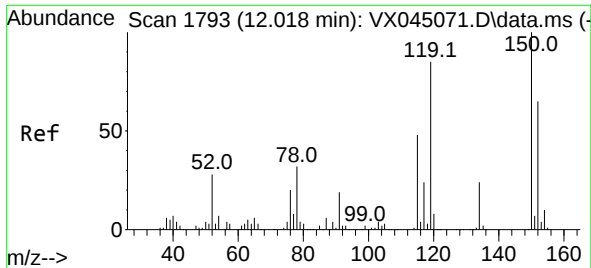
164 100

166 113.1 103.6 155.4

129 86.3 82.7 124.1

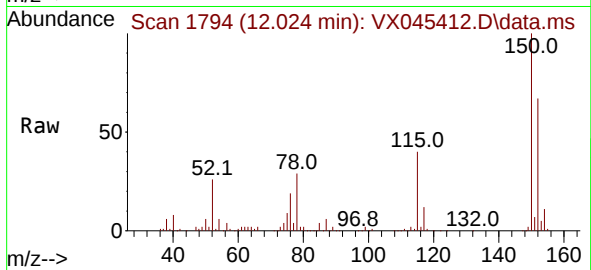
131 71.6 80.5 120.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045412.D
 Acq: 24 Mar 2025 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20250318



Tgt Ion:152 Resp: 52056
 Ion Ratio Lower Upper
 152 100
 115 63.0 44.2 132.6
 150 157.4 0.0 349.0

