

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044938.D
 Acq On : 12 Feb 2025 17:07
 Operator : JC/MD
 Sample : Q1355-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

Quant Time: Feb 13 00:52:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

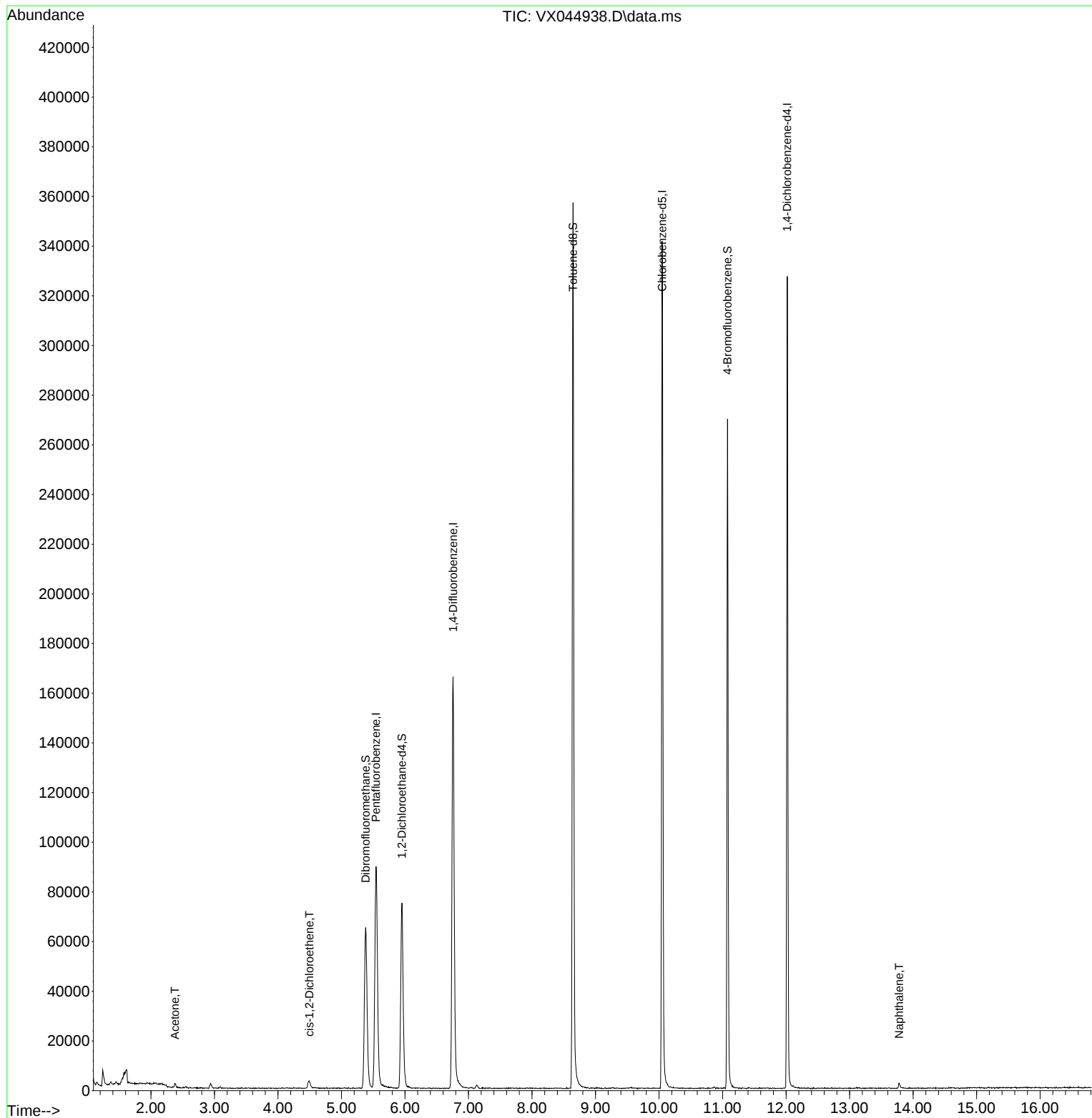
Internal Standards						
1) Pentafluorobenzene	5.544	168	85678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69720	55.590	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.180%	
35) Dibromofluoromethane	5.379	113	58379	51.778	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.560%	
50) Toluene-d8	8.647	98	216198	50.709	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.420%	
62) 4-Bromofluorobenzene	11.079	95	71446	49.708	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	99.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1848	3.665	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	2073	1.588	ug/l	94
95) Naphthalene	13.780	128	2579	0.574	ug/l #	90

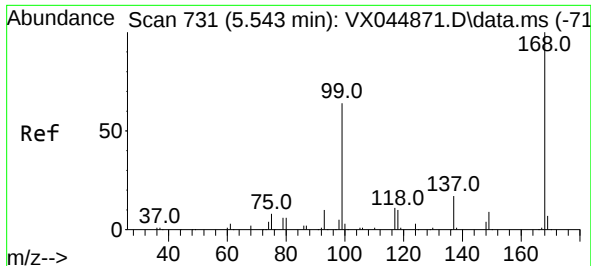
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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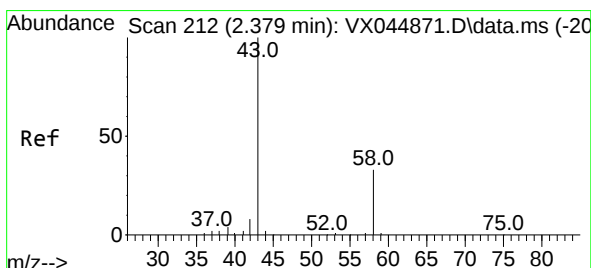
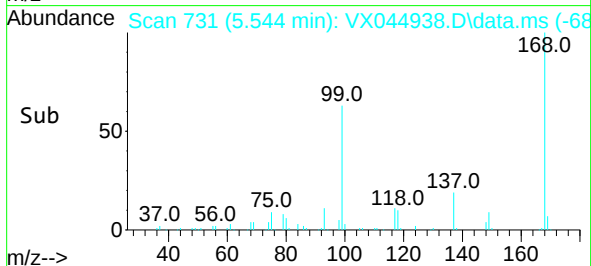
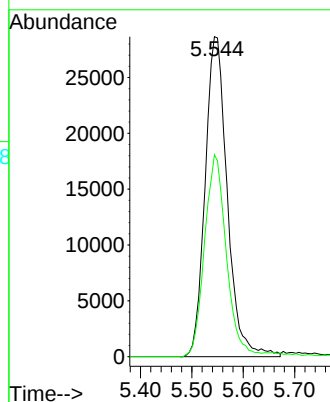
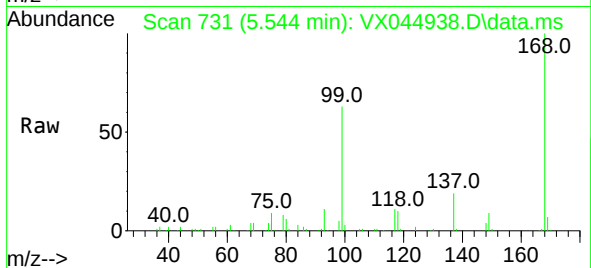




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

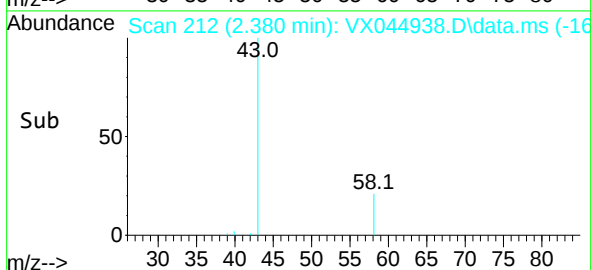
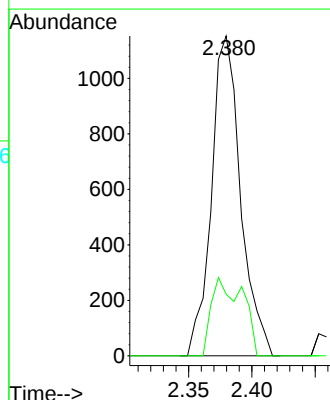
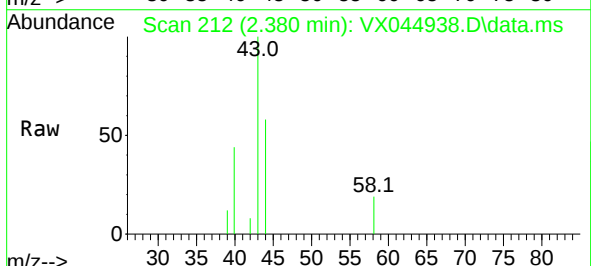
Instrument :
MSVOA_X
ClientSampleId :
MW2

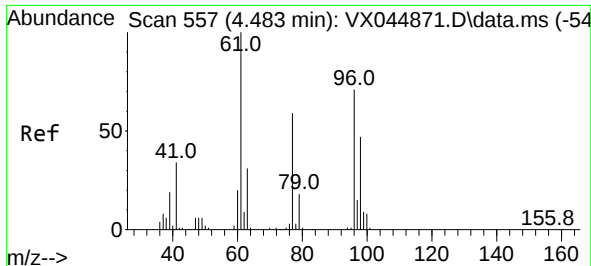
Tgt Ion:168 Resp: 85678
Ion Ratio Lower Upper
168 100
99 63.1 51.2 76.8



#16
Acetone
Concen: 3.665 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 19.3 26.5 39.7#





#27

cis-1,2-Dichloroethene

Concen: 1.588 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX044938.D

Acq: 12 Feb 2025 17:07

Instrument :

MSVOA_X

ClientSampleId :

MW2

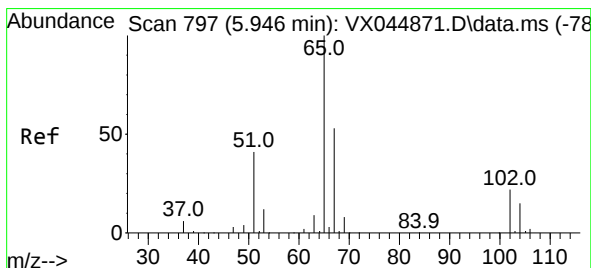
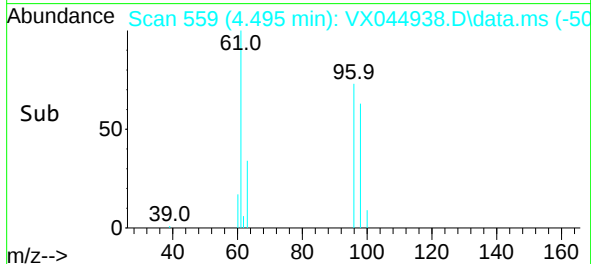
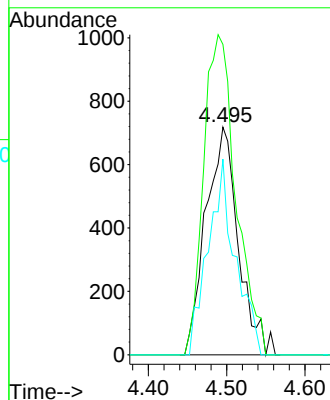
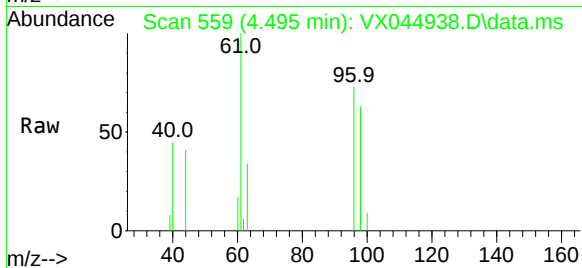
Tgt Ion: 96 Resp: 2073

Ion Ratio Lower Upper

96 100

61 140.1 0.0 294.0

98 71.6 0.0 131.2



#33

1,2-Dichloroethane-d4

Concen: 55.590 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044938.D

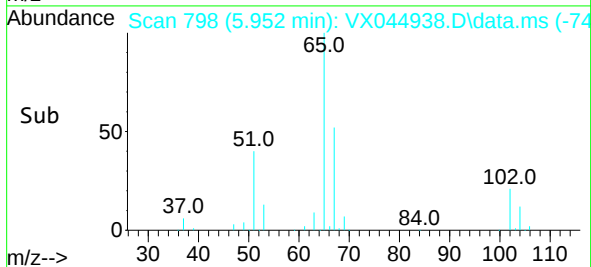
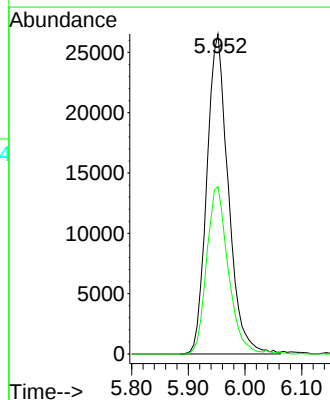
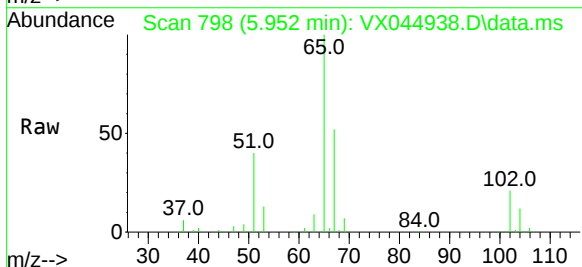
Acq: 12 Feb 2025 17:07

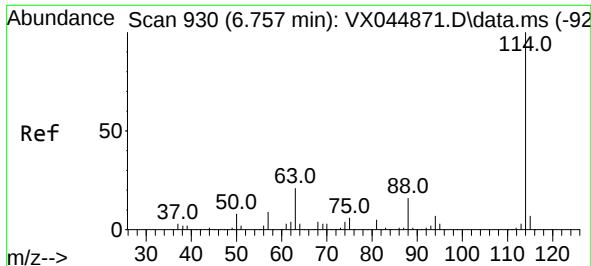
Tgt Ion: 65 Resp: 69720

Ion Ratio Lower Upper

65 100

67 52.4 0.0 108.2

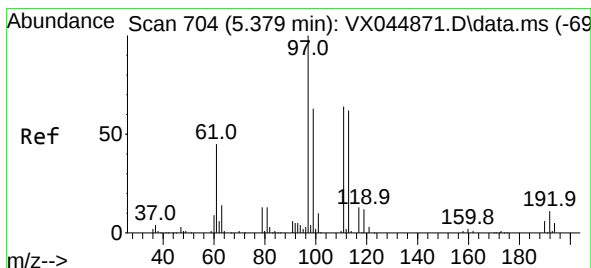
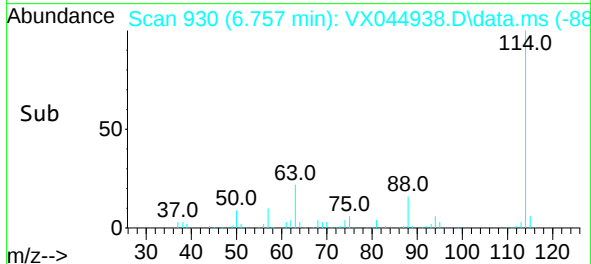
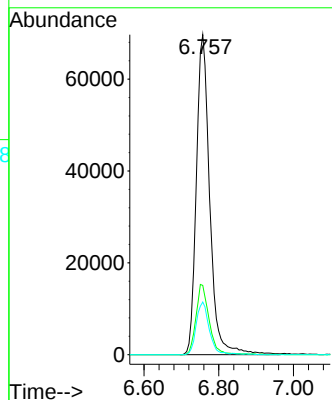
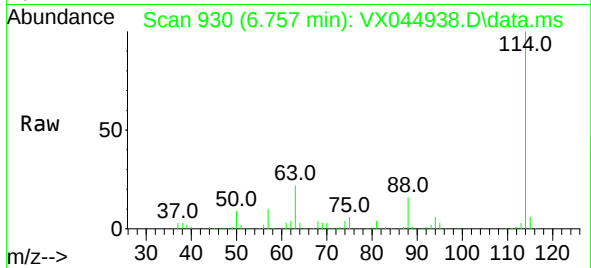




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

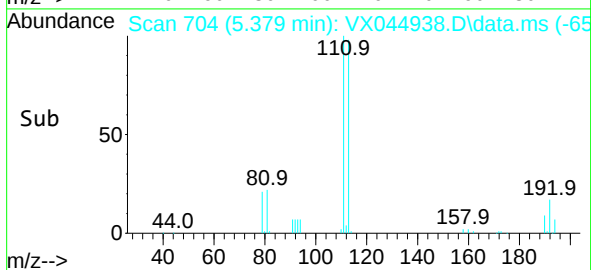
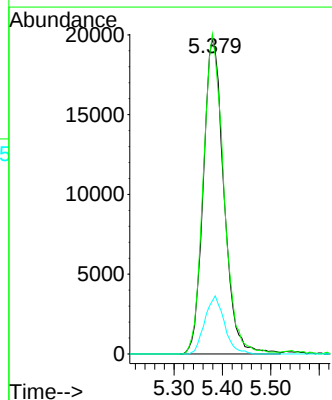
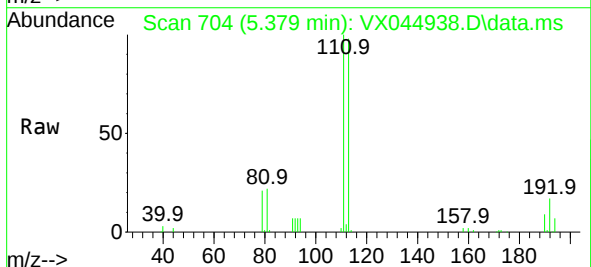
Instrument :
MSVOA_X
ClientSampleId :
MW2

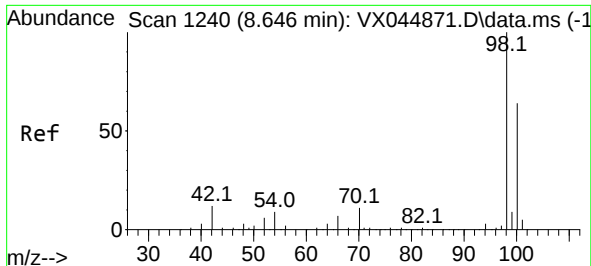
Tgt Ion:114 Resp: 173415
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.778 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:113 Resp: 58379
Ion Ratio Lower Upper
113 100
111 101.4 83.5 125.3
192 17.5 14.4 21.6

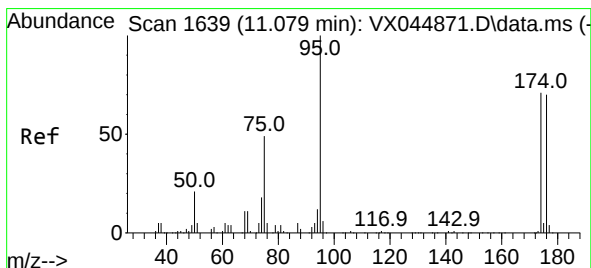
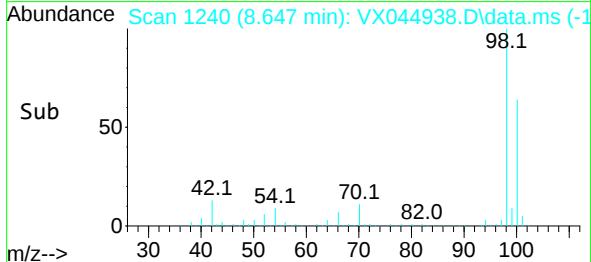
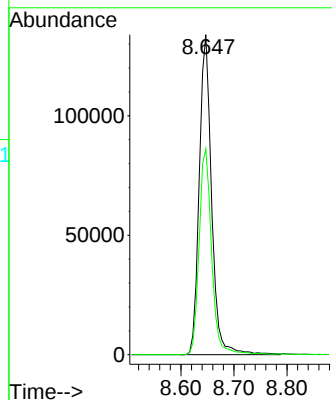
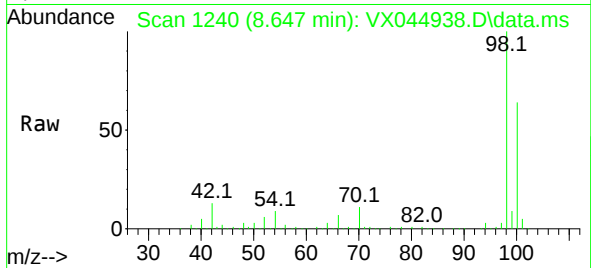




#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

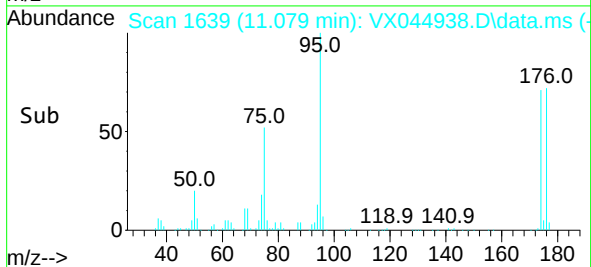
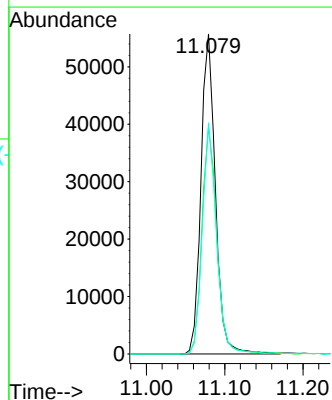
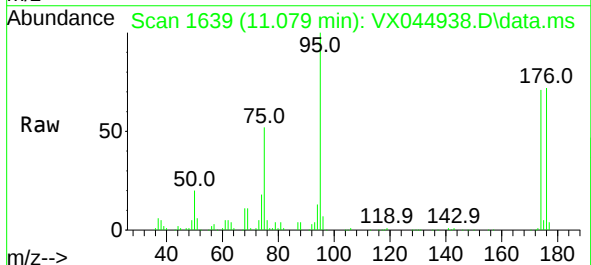
Instrument :
MSVOA_X
ClientSampleId :
MW2

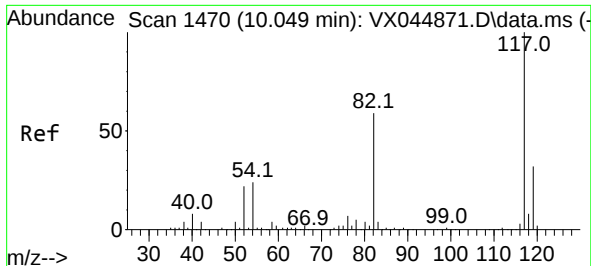
Tgt Ion: 98 Resp: 216198
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 95 Resp: 71446
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 71.0 0.0 141.6

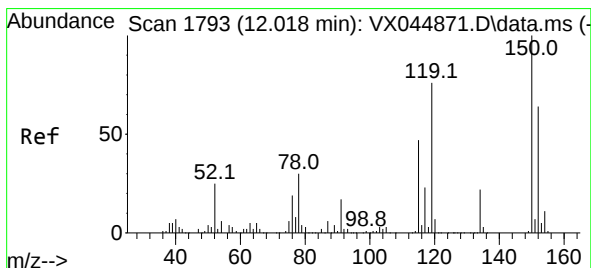
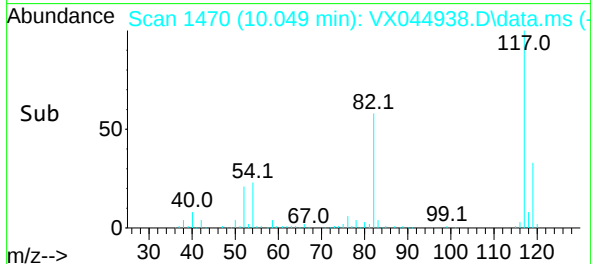
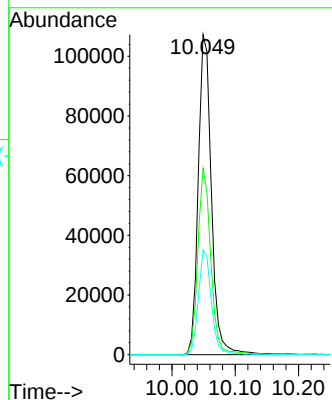
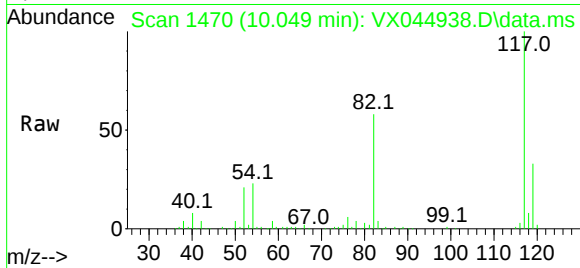




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

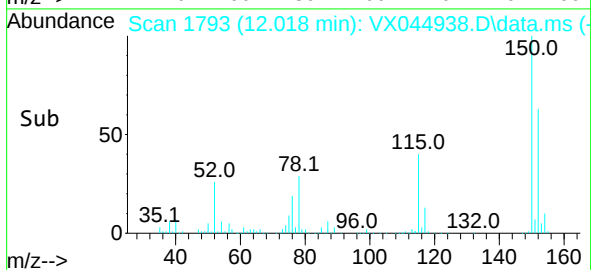
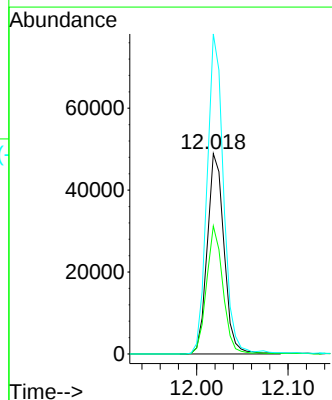
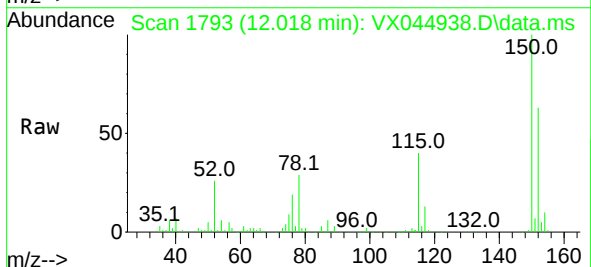
Instrument :
MSVOA_X
ClientSampleId :
MW2

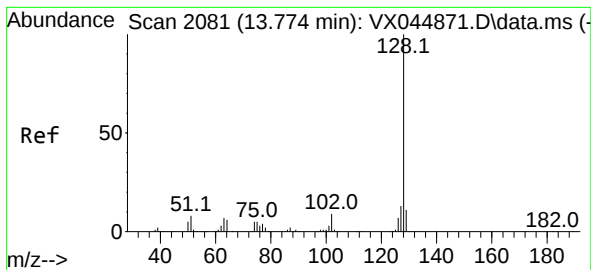
Tgt Ion:117 Resp: 155759
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:152 Resp: 62222
Ion Ratio Lower Upper
152 100
115 62.6 43.4 130.1
150 158.0 0.0 350.4





#95

Naphthalene

Concen: 0.574 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044938.D

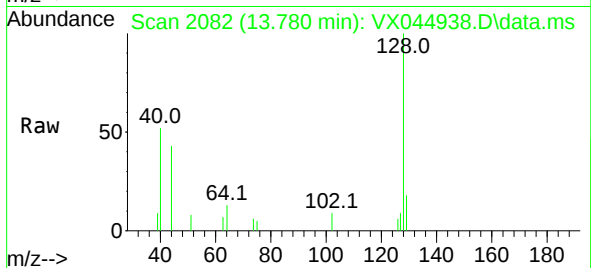
Acq: 12 Feb 2025 17:07

Instrument :

MSVOA_X

ClientSampleId :

MW2



Tgt Ion:128 Resp: 2579

Ion Ratio Lower Upper

128 100

127 9.5 10.1 15.1#

129 6.5 8.9 13.3#

