

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038862.D
 Acq On : 17 Nov 2023 00:46
 Operator : JC/MD
 Sample : 05403-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20231111

Quant Time: Nov 17 03:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

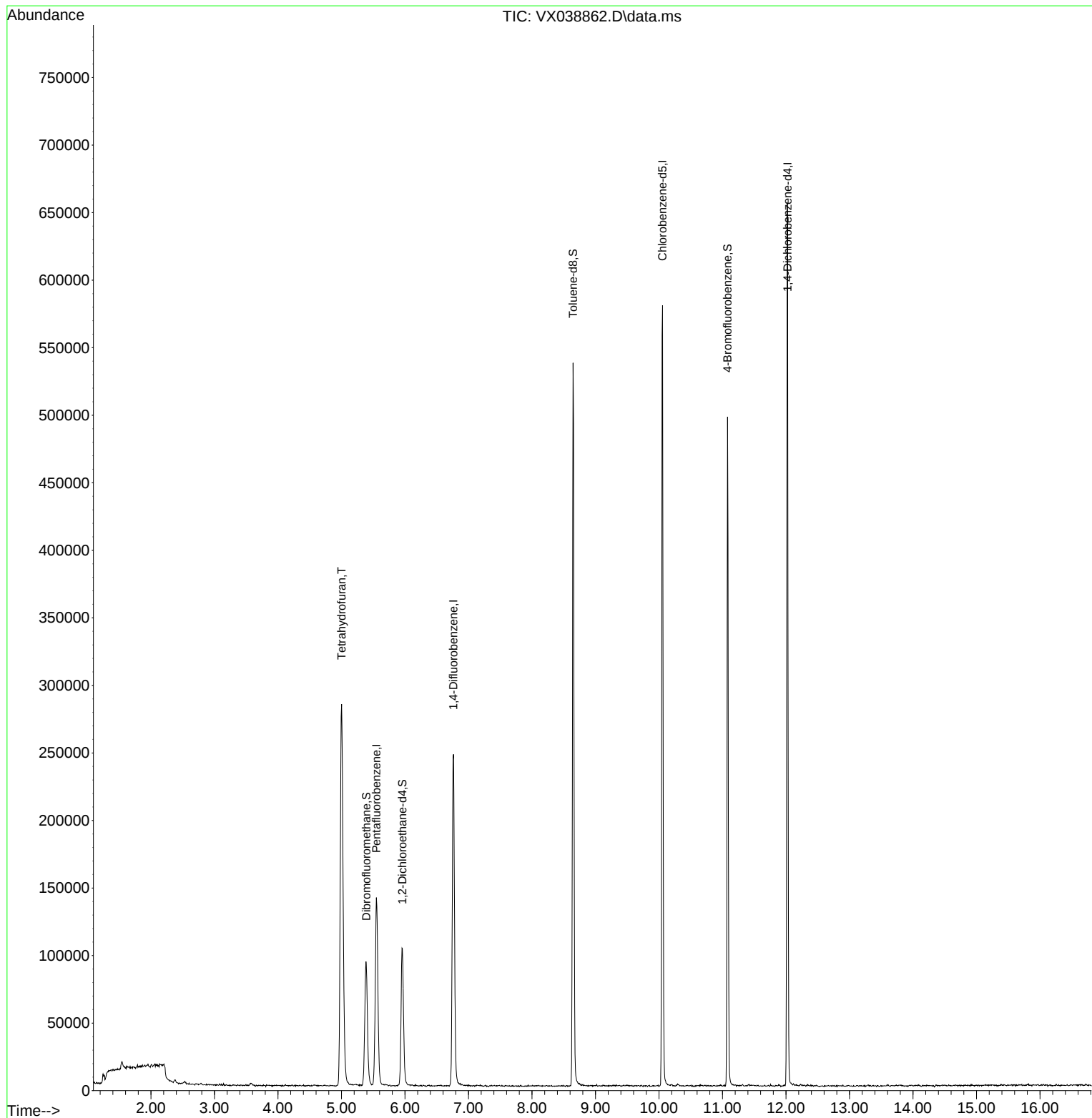
Internal Standards						
1) Pentafluorobenzene	5.550	168	126022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95530	47.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	83340	44.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	324792	45.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	138735	48.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
29) Tetrahydrofuran	5.001	42	280563	252.068	ug/l	Qvalue 99

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

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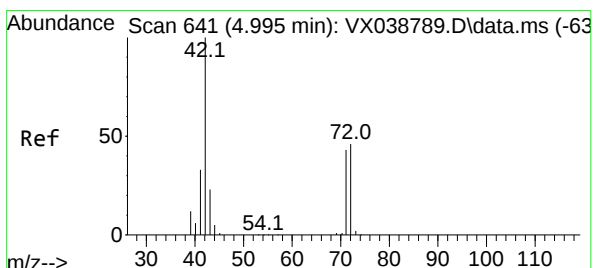
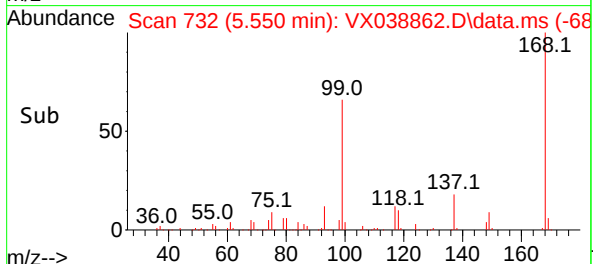
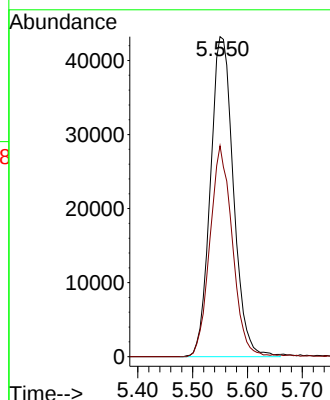
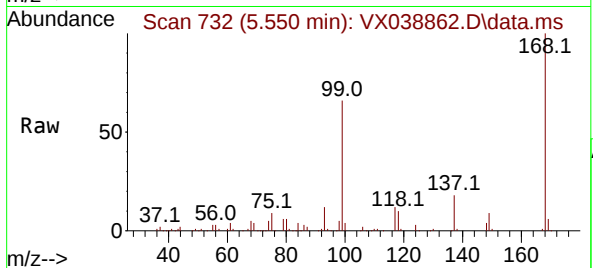




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

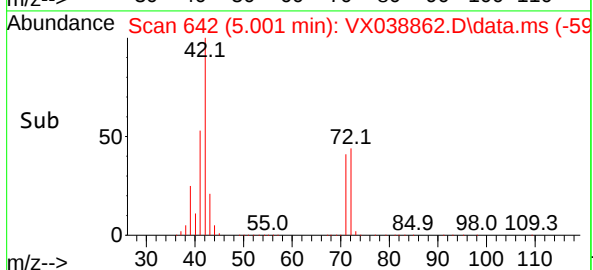
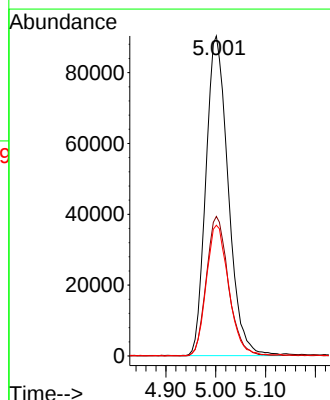
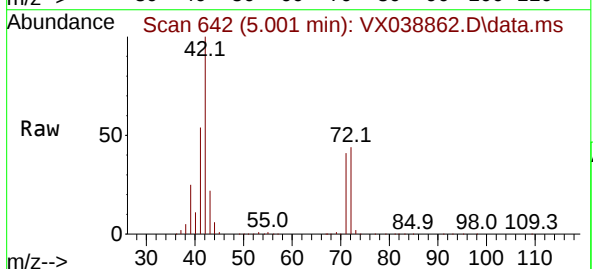
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20231111

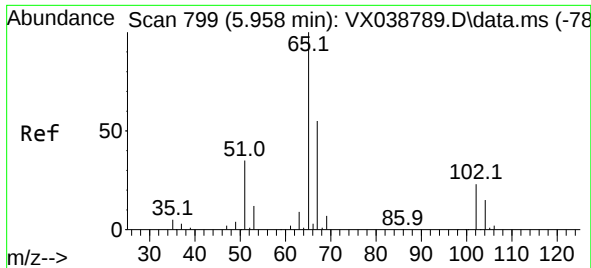
Tgt Ion:168 Resp: 126022
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#29
Tetrahydrofuran
Concen: 252.068 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 42 Resp: 280563
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.4
71 41.1 32.2 48.2

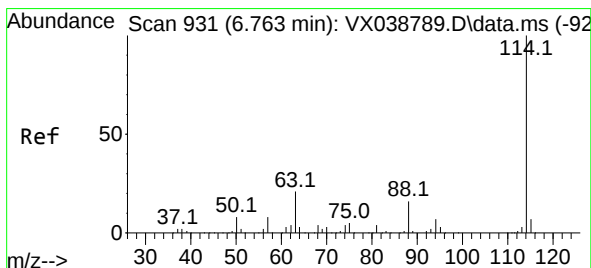
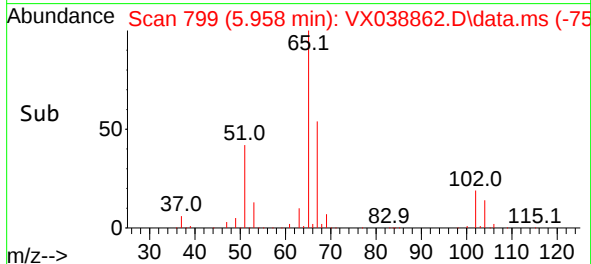
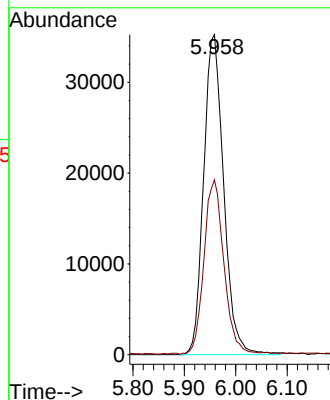
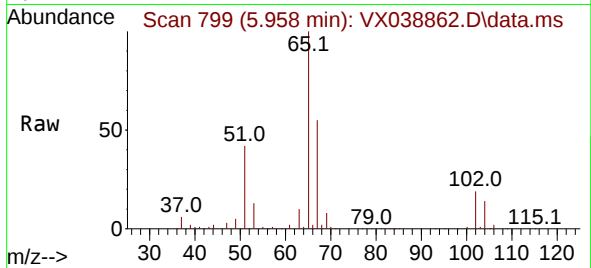




#33
1,2-Dichloroethane-d4
Concen: 47.044 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

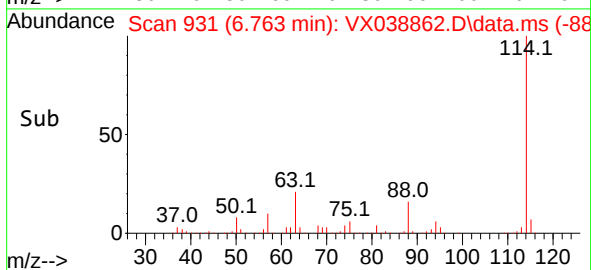
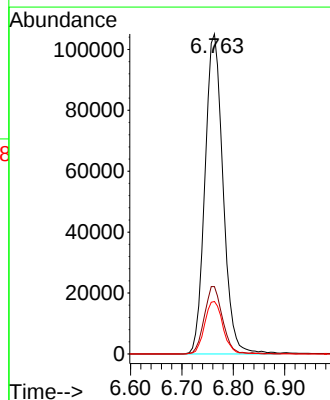
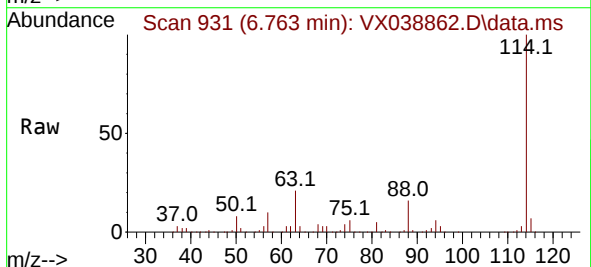
Instrument :
MSVOA_X
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RW8-MW01D3-20231111

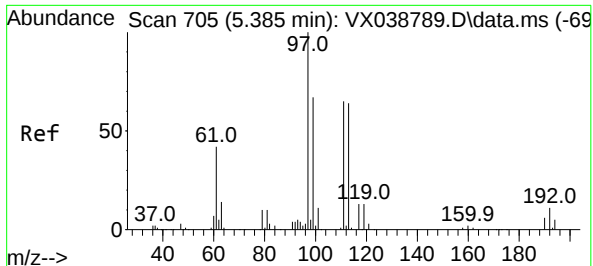
Tgt Ion: 65 Resp: 95530
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion:114 Resp: 257168
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.871 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038862.D

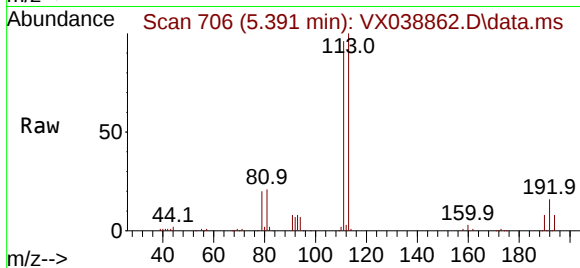
Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20231111



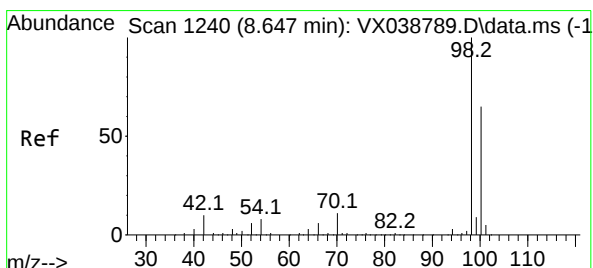
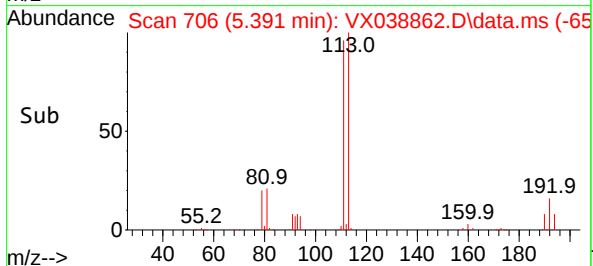
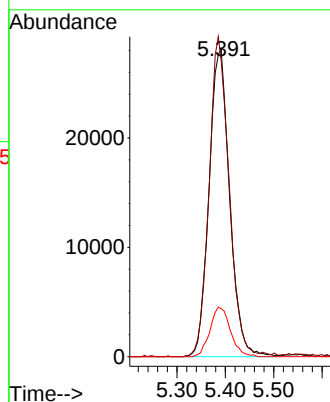
Tgt Ion:113 Resp: 83340

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

192 16.0 13.3 19.9



#50

Toluene-d8

Concen: 45.705 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038862.D

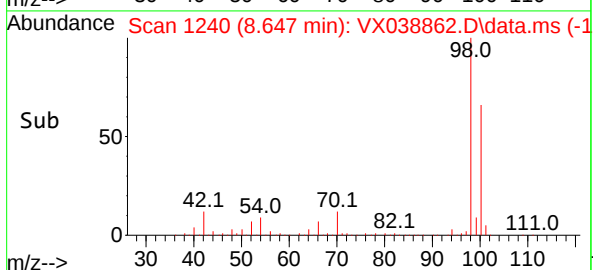
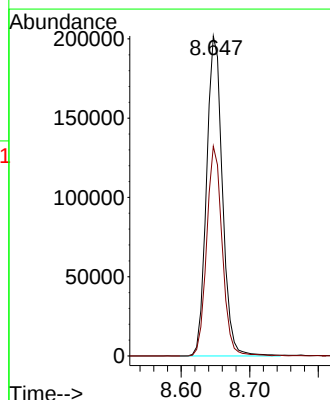
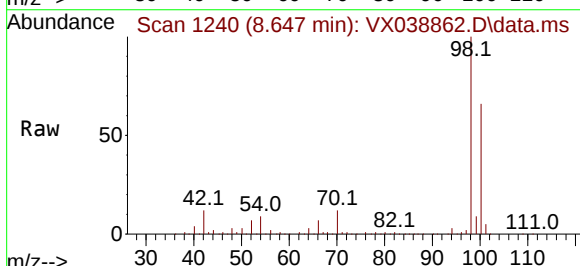
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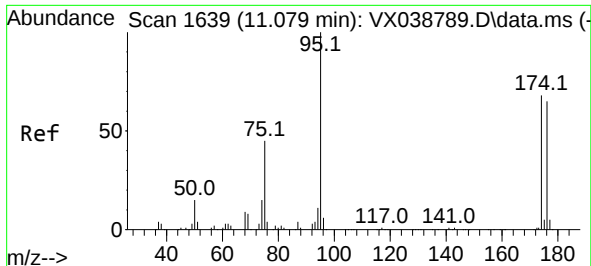
Tgt Ion: 98 Resp: 324792

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

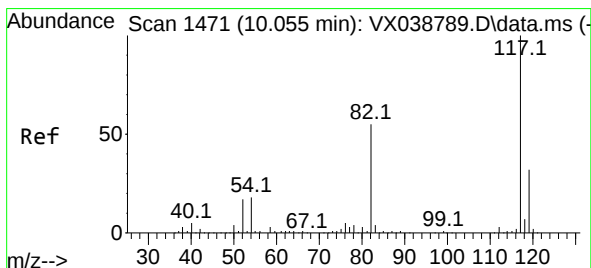
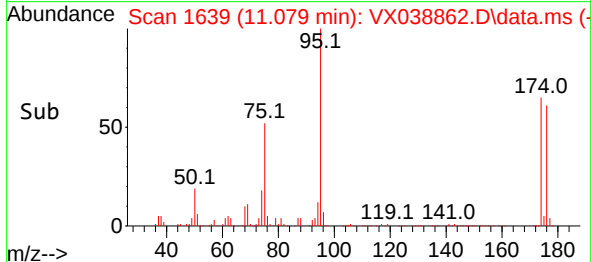
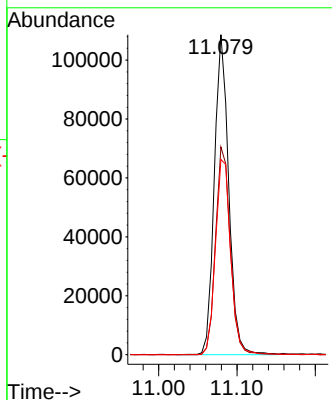
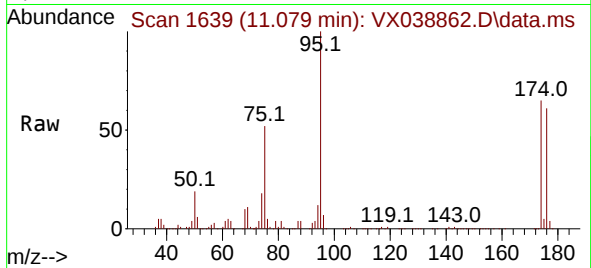




#62
4-Bromofluorobenzene
Concen: 48.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

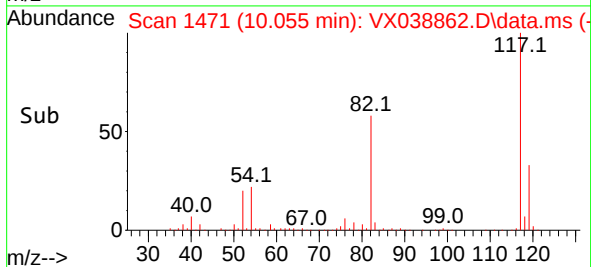
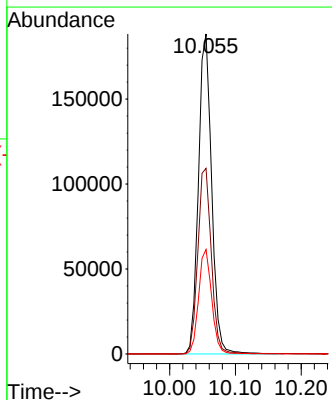
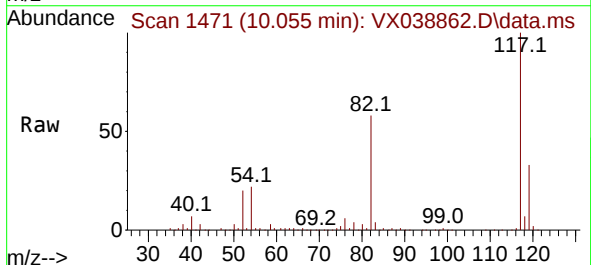
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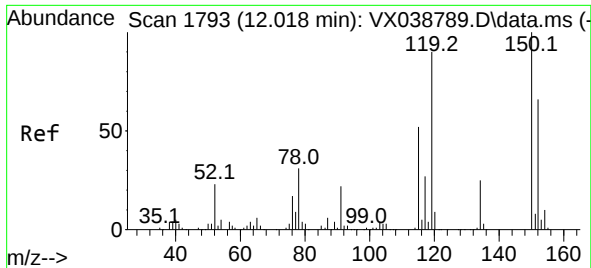
Tgt Ion: 95 Resp: 138735
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 117 Resp: 262494
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038862.D

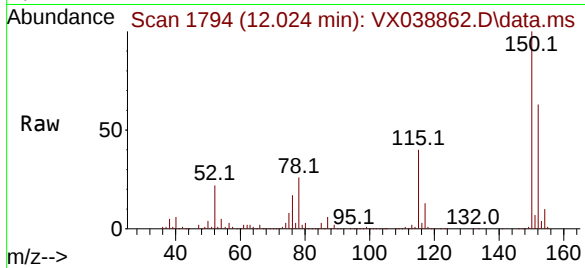
Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20231111



Tgt Ion:152 Resp: 130187

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 159.1 0.0 345.0

