

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038859.D
 Acq On : 16 Nov 2023 23:36
 Operator : JC/MD
 Sample : 05403-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20231107

Quant Time: Nov 17 03:22:36 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)

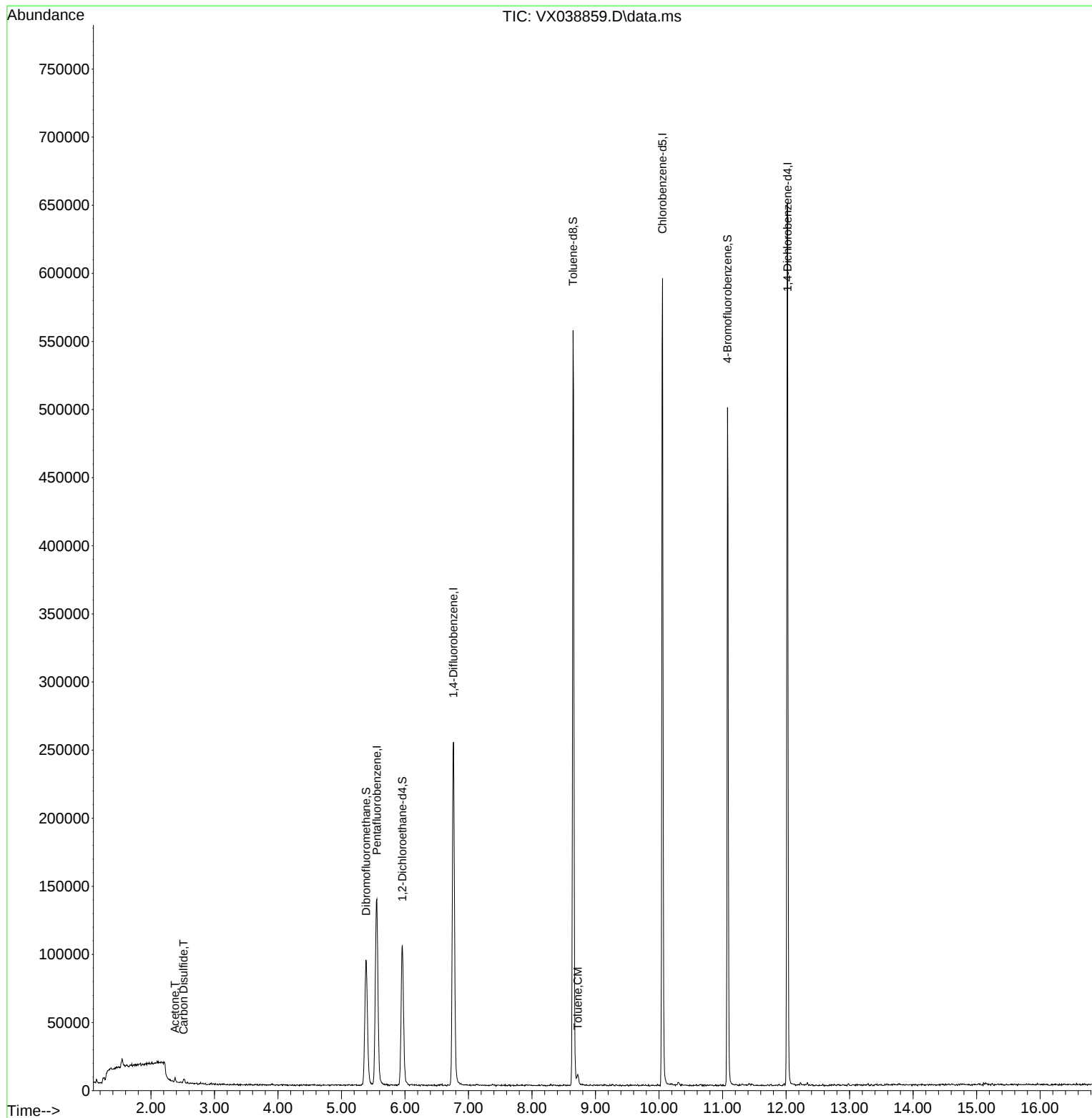
Internal Standards						
1) Pentafluorobenzene	5.556	168	124895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96331	47.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.385	113	81723	43.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.860%
50) Toluene-d8	8.647	98	331190	46.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	11.079	95	140739	48.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.680%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	2428	2.266	ug/l #	77
17) Carbon Disulfide	2.514	76	2469	0.512	ug/l #	91
52) Toluene	8.720	92	2778	0.561	ug/l	90

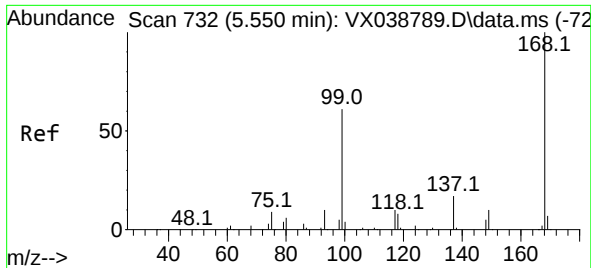
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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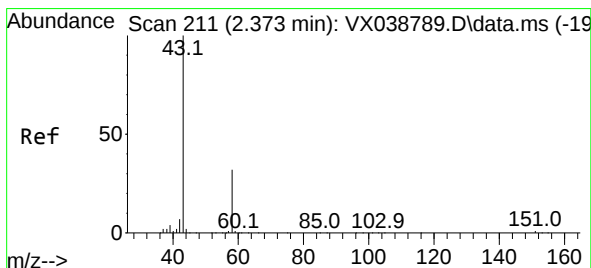
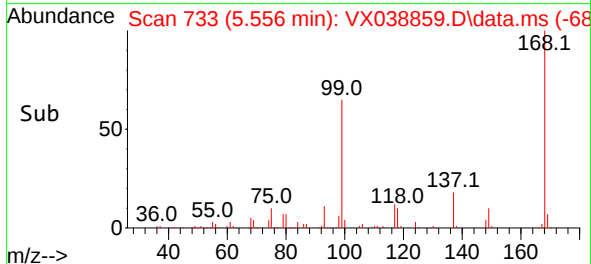
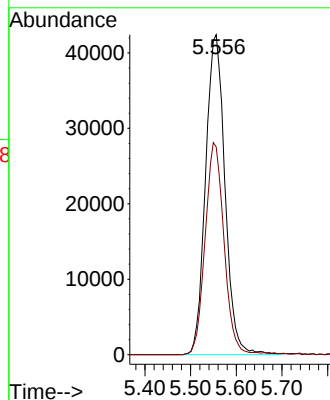
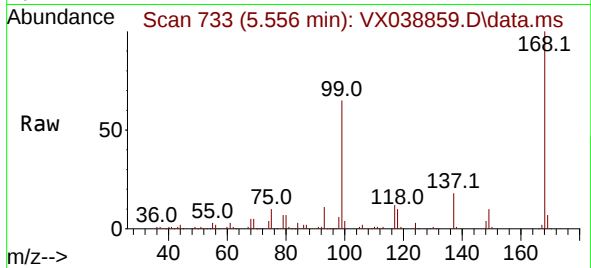




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

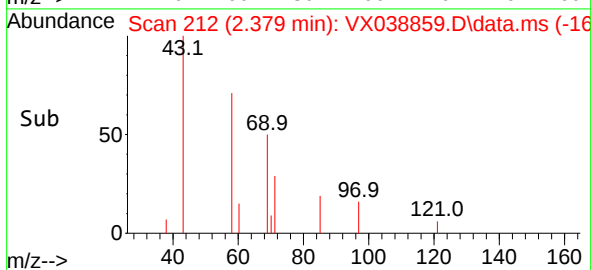
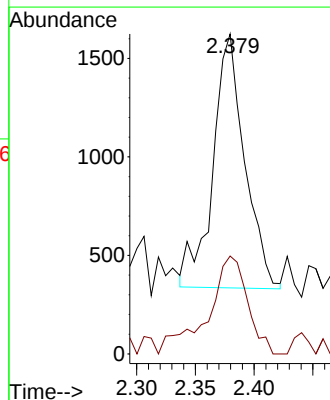
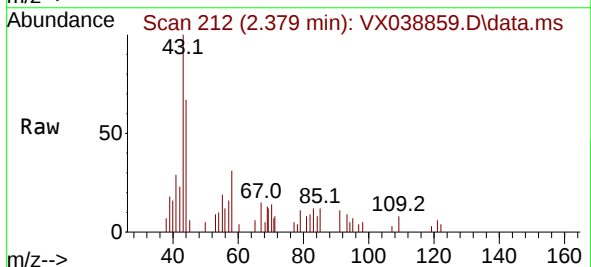
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

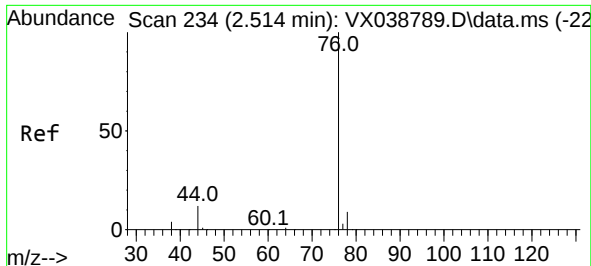
Tgt Ion:168 Resp: 124895
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#16
Acetone
Concen: 2.266 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 43 Resp: 2428
Ion Ratio Lower Upper
43 100
58 39.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.512 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

Instrument :

MSVOA_X

ClientSampleId :

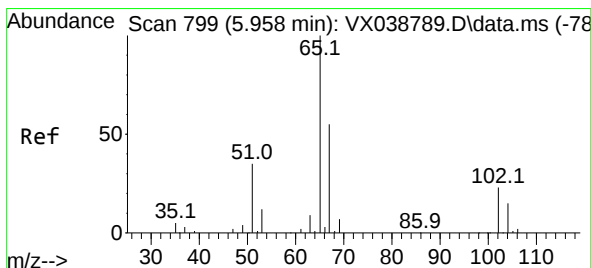
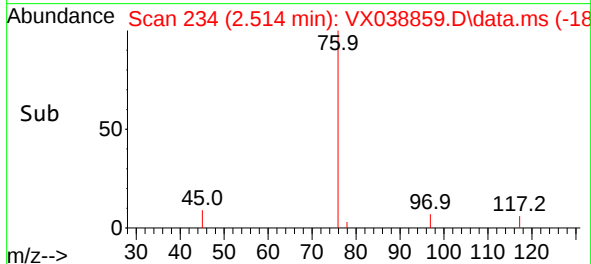
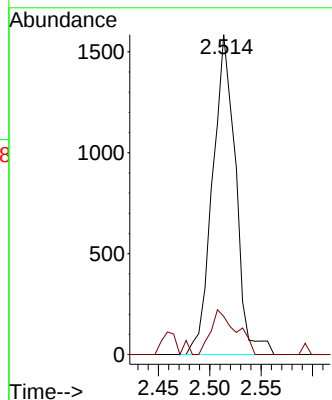
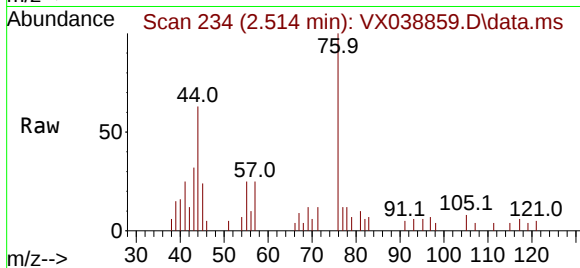
RW11-MW01I-20231107

Tgt Ion: 76 Resp: 2469

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.6#



#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038859.D

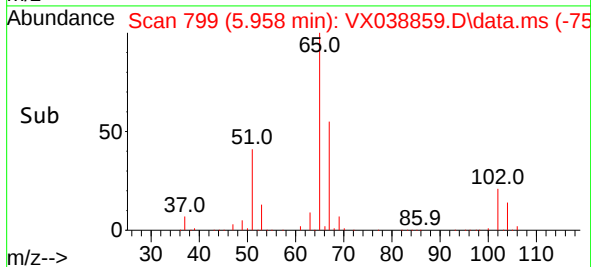
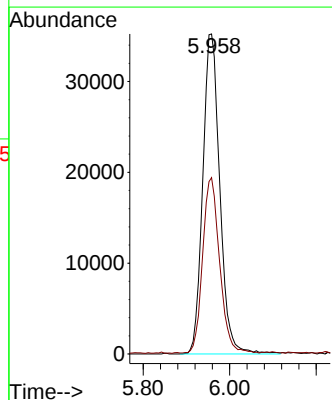
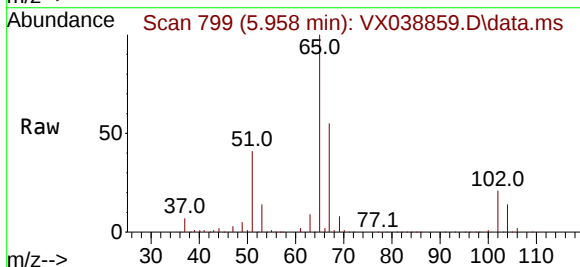
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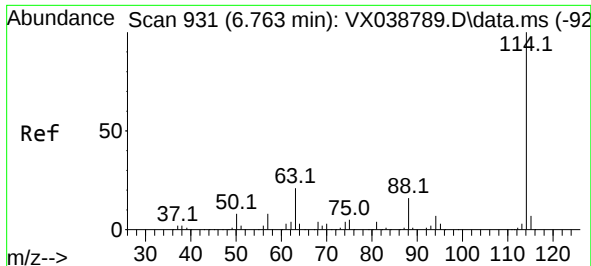
Tgt Ion: 65 Resp: 96331

Ion Ratio Lower Upper

65 100

67 54.4 0.0 100.2

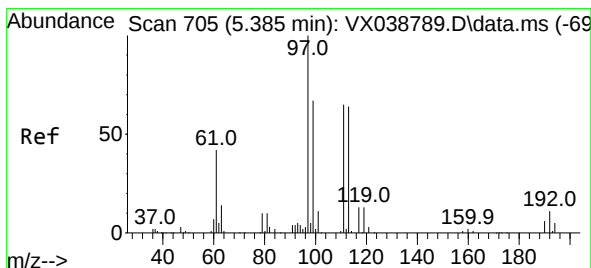
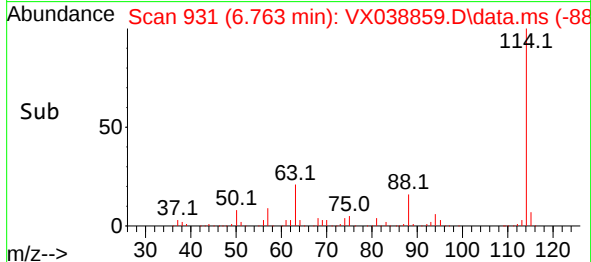
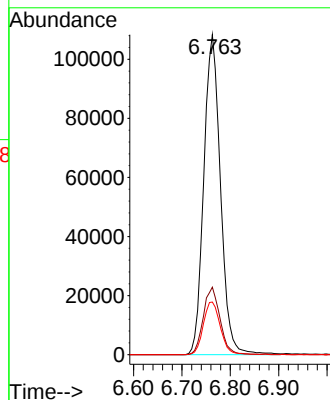
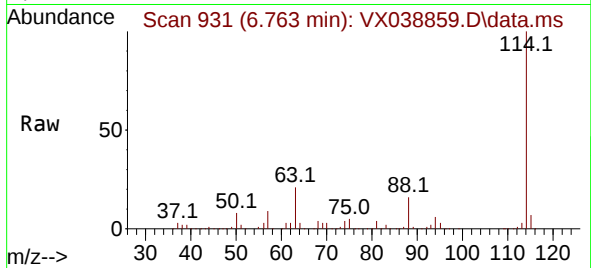




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

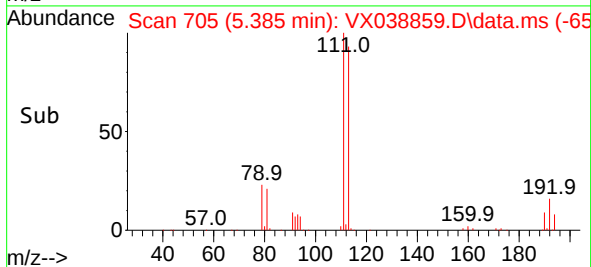
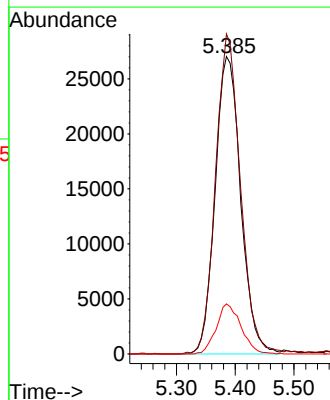
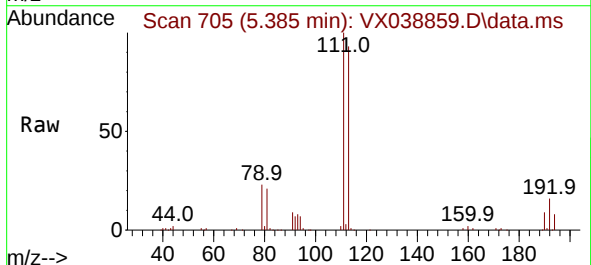
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

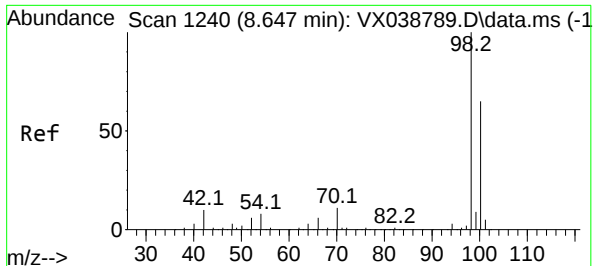
Tgt Ion:114 Resp: 260517
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion:113 Resp: 81723
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 16.3 13.3 19.9





#50

Toluene-d8

Concen: 46.006 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

Instrument :

MSVOA_X

ClientSampleId :

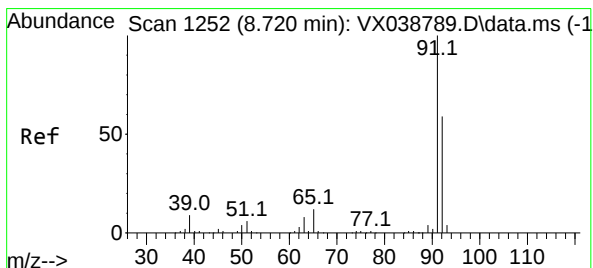
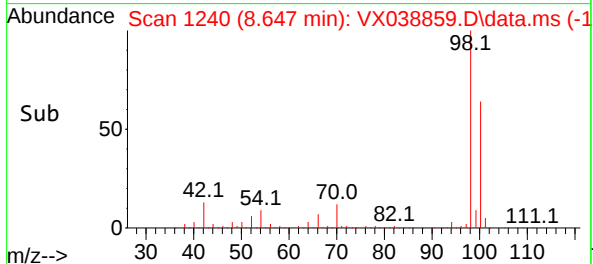
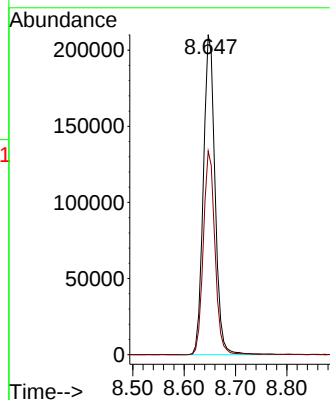
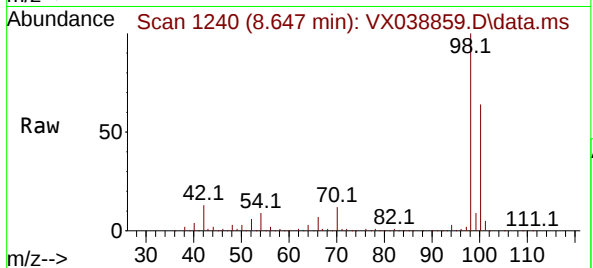
RW11-MW01I-20231107

Tgt Ion: 98 Resp: 331190

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7



#52

Toluene

Concen: 0.561 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038859.D

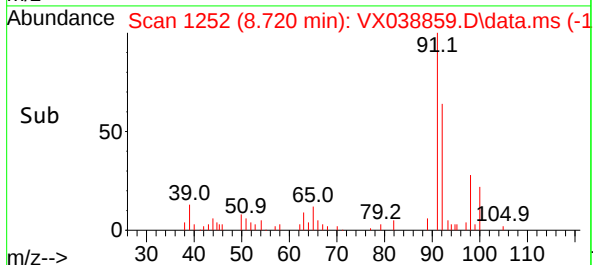
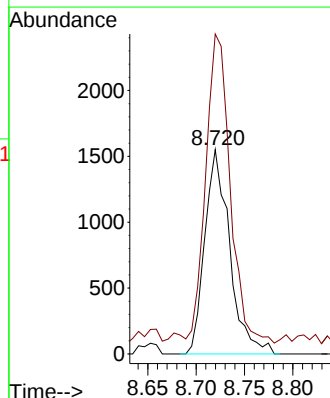
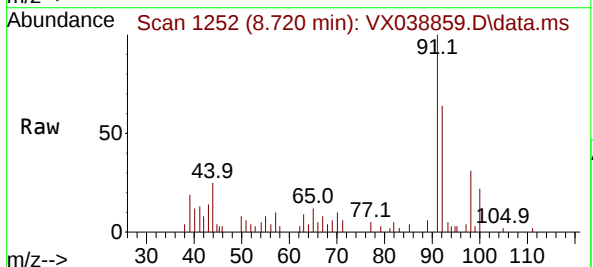
Acq: 16 Nov 2023 23:36

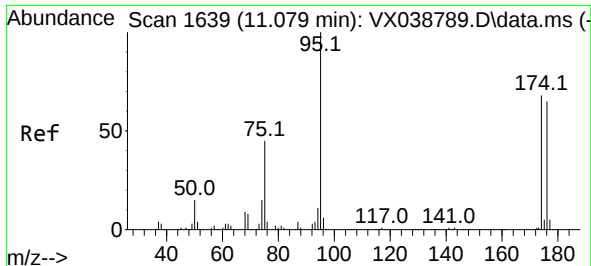
Tgt Ion: 92 Resp: 2778

Ion Ratio Lower Upper

92 100

91 153.8 134.2 201.2

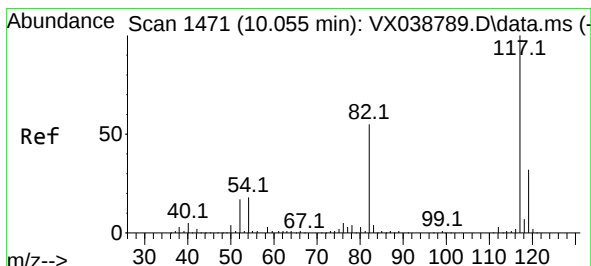
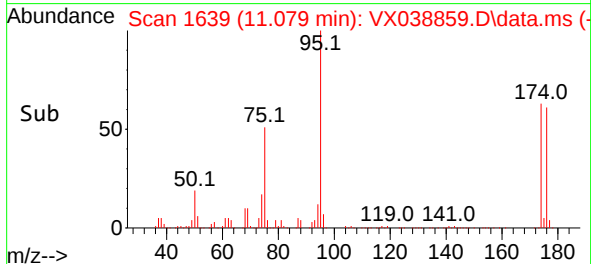
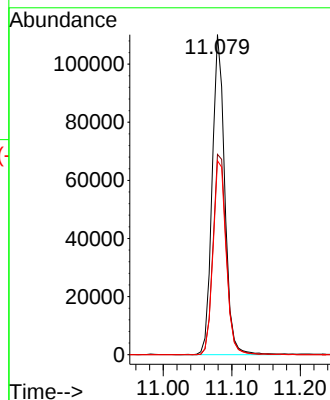
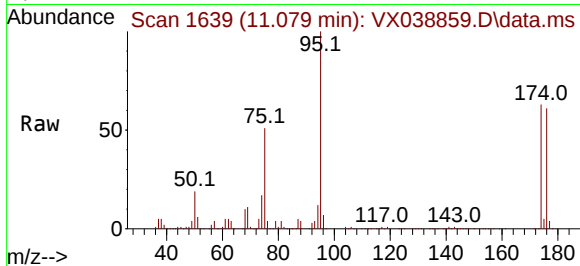




#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

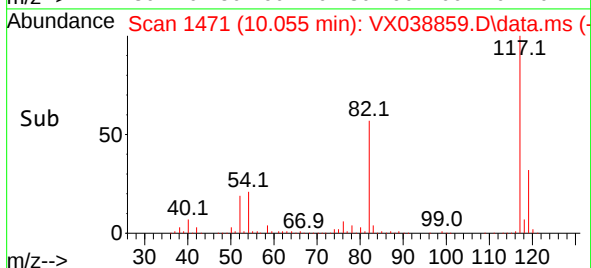
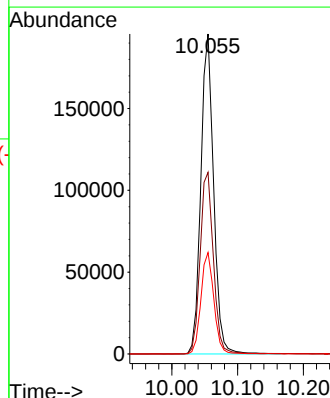
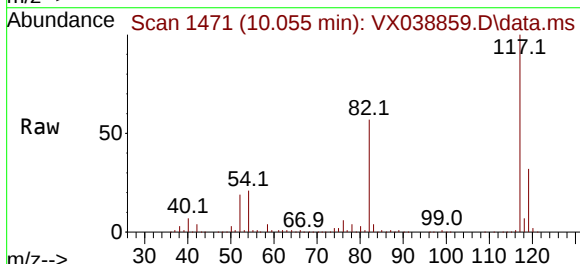
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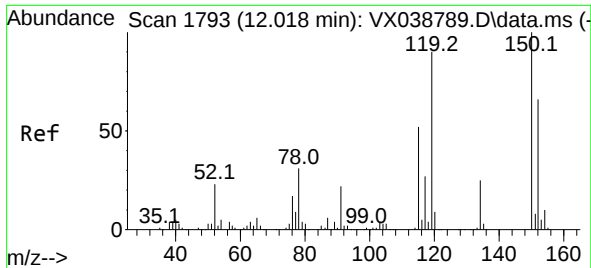
Tgt Ion: 95 Resp: 140739
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 63.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 117 Resp: 264363
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 31.7 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: VX038859.D

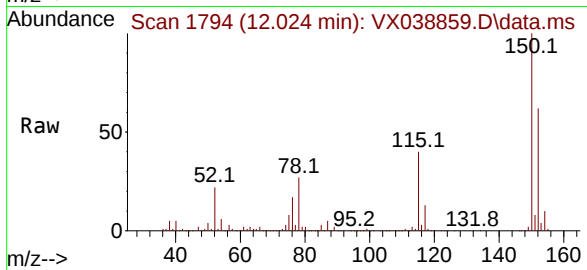
Acq: 16 Nov 2023 23:36

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01I-20231107



Tgt Ion:152 Resp: 131287

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 158.5 0.0 345.0

