

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038878.D
 Acq On : 17 Nov 2023 14:20
 Operator : JC/MD
 Sample : 05403-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20231112

Quant Time: Nov 17 22:50:32 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	119527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89761	46.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.385	113	77045	44.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.100%
50) Toluene-d8	8.647	98	307955	46.019	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	129302	48.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.540%

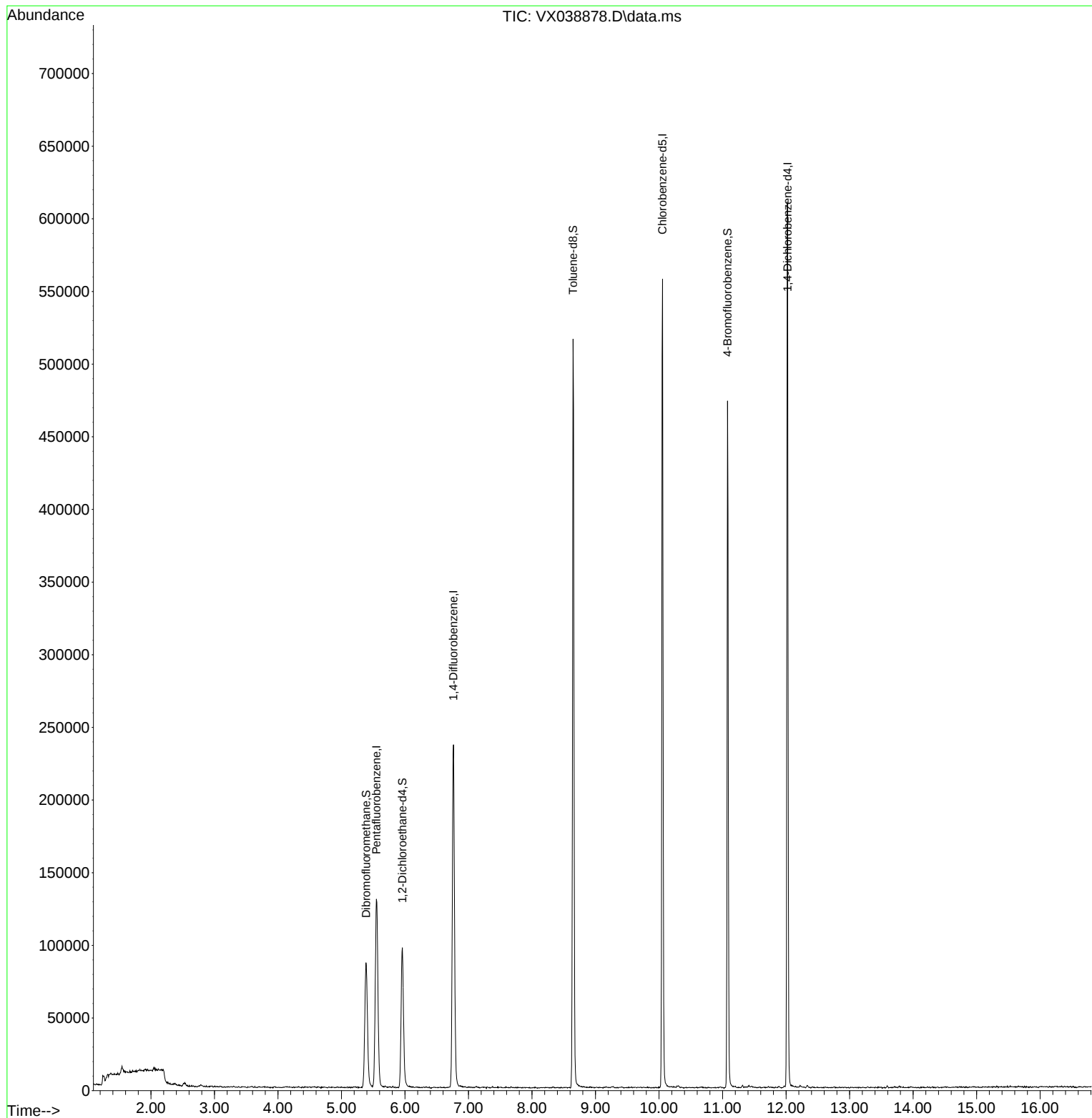
Target Compounds Qvalue

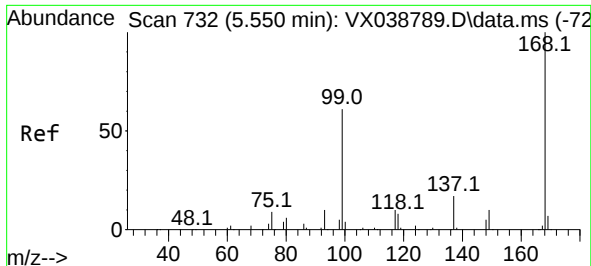
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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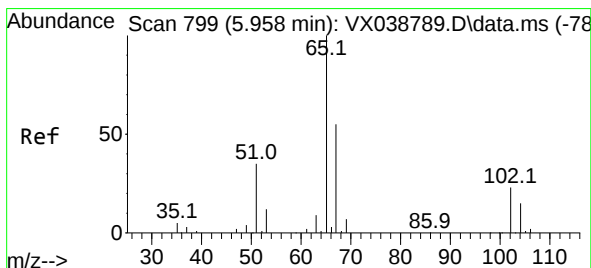
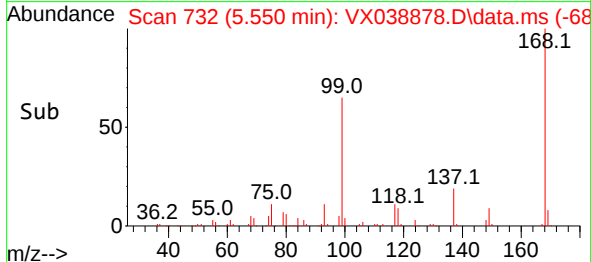
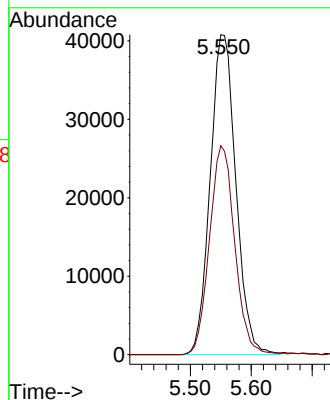
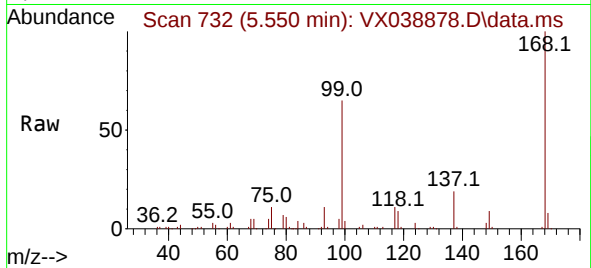




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

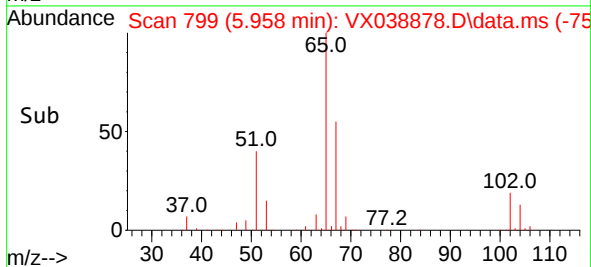
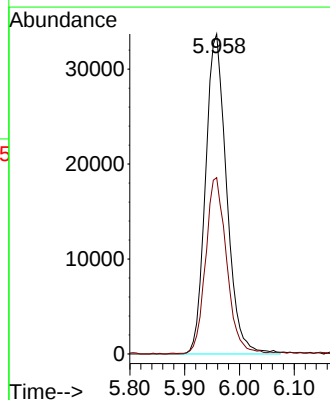
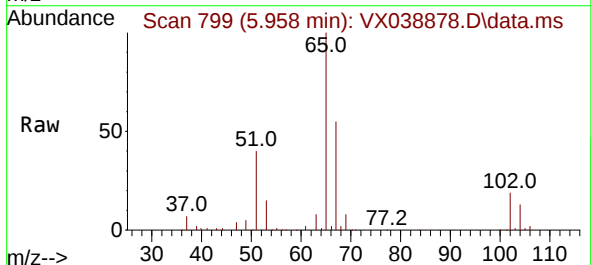
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20231112

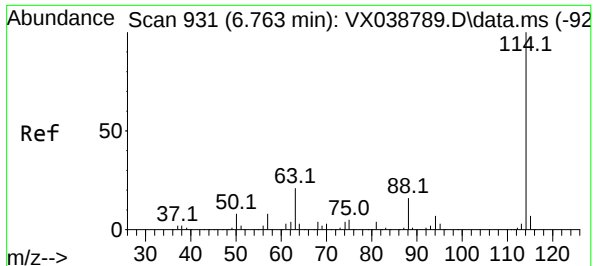
Tgt Ion:168 Resp: 119527
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.605 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

Tgt Ion: 65 Resp: 89761
Ion Ratio Lower Upper
65 100
67 54.5 0.0 100.2

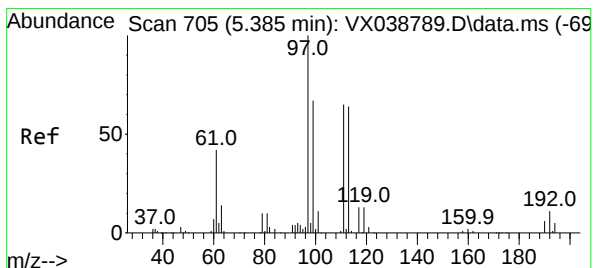
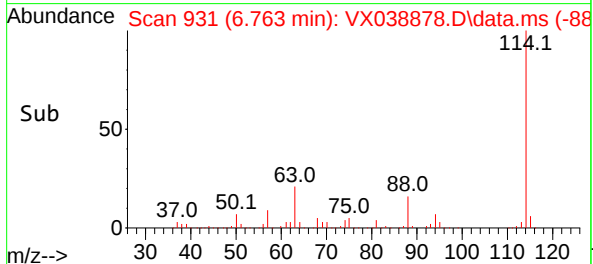
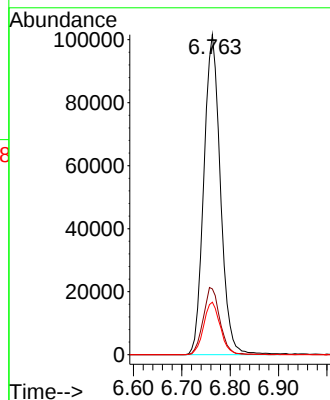
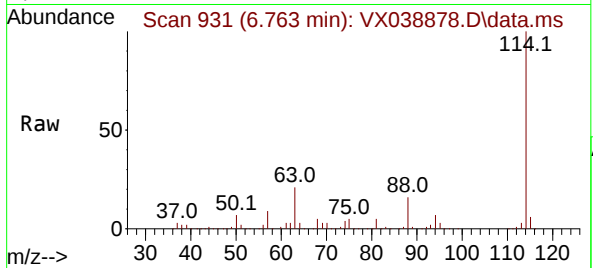




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

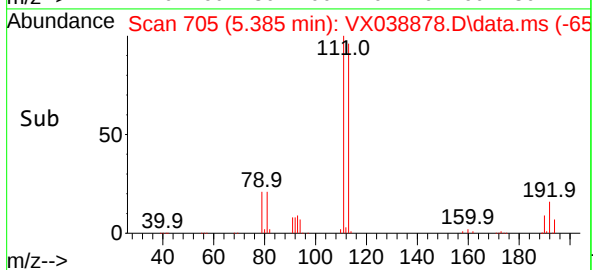
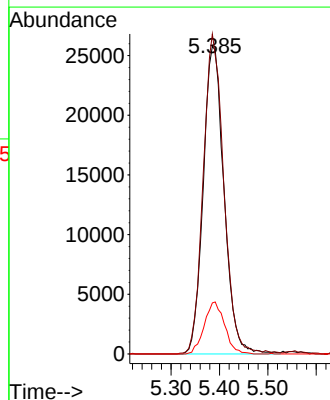
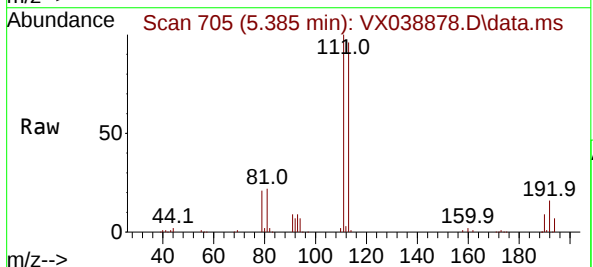
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20231112

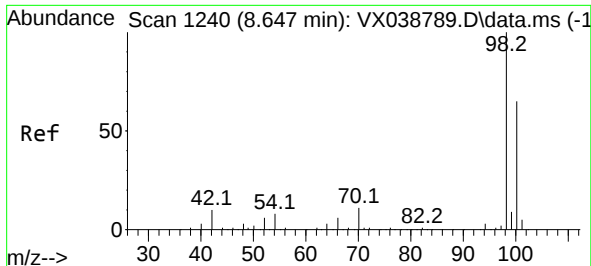
Tgt Ion:114 Resp: 242174
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.050 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

Tgt Ion:113 Resp: 77045
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.6 13.3 19.9

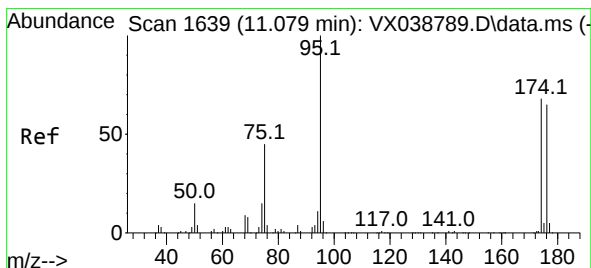
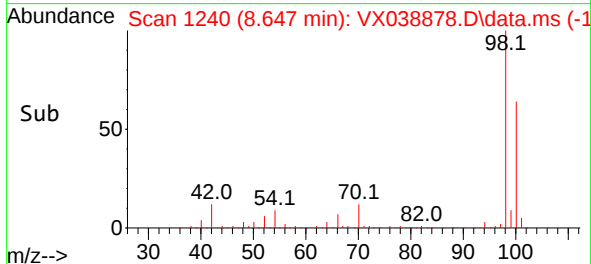
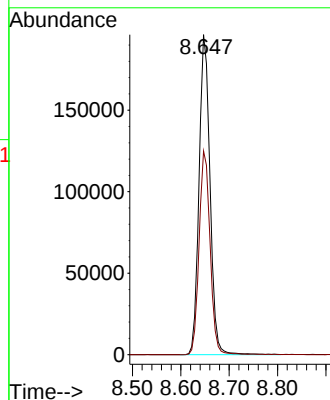
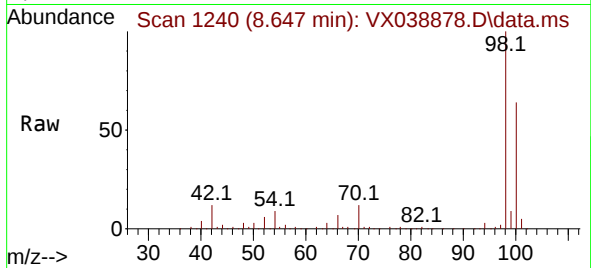




#50
Toluene-d8
Concen: 46.019 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

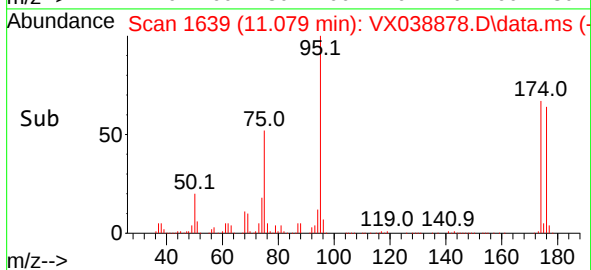
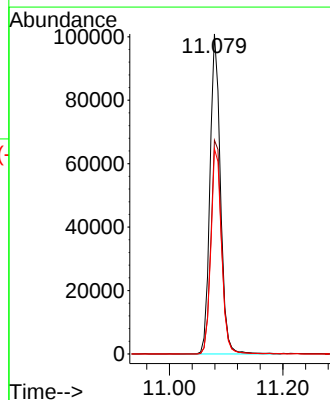
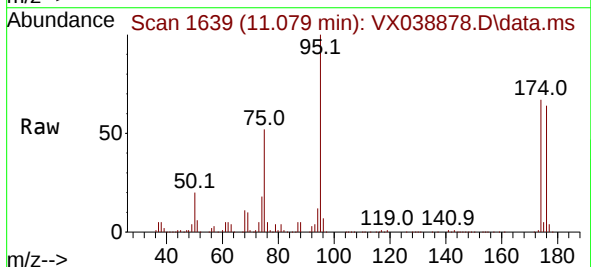
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20231112

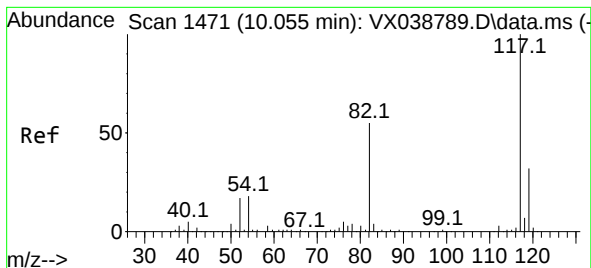
Tgt Ion: 98 Resp: 307955
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038878.D
Acq: 17 Nov 2023 14:20

Tgt Ion: 95 Resp: 129302
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 65.3 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: VX038878.D

Acq: 17 Nov 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D3-20231112

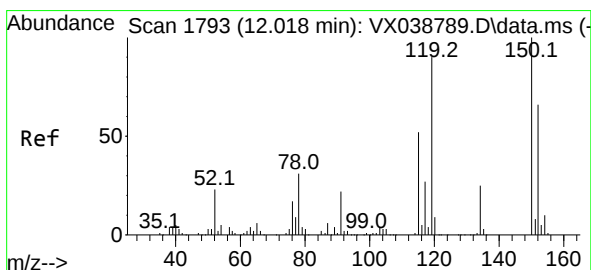
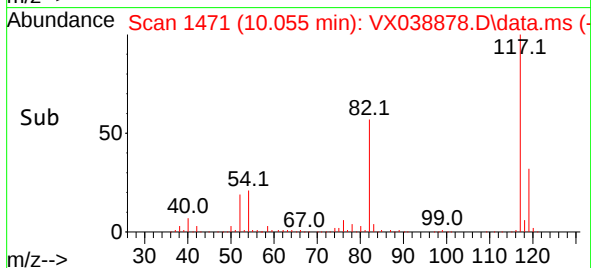
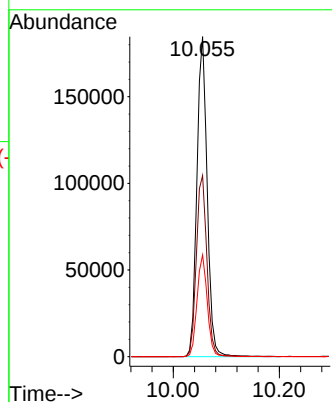
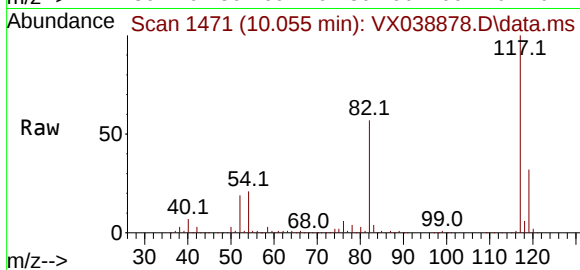
Tgt Ion:117 Resp: 248844

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038878.D

Acq: 17 Nov 2023 14:20

Tgt Ion:152 Resp: 123804

Ion Ratio Lower Upper

152 100

115 66.3 43.3 129.9

150 160.2 0.0 345.0

