

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038882.D
 Acq On : 17 Nov 2023 15:52
 Operator : JC/MD
 Sample : 05403-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20231112

Quant Time: Nov 17 22:51:55 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	118560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89101	46.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	77516	44.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.647	98	301228	45.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.860%#
62) 4-Bromofluorobenzene	11.079	95	127289	47.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%

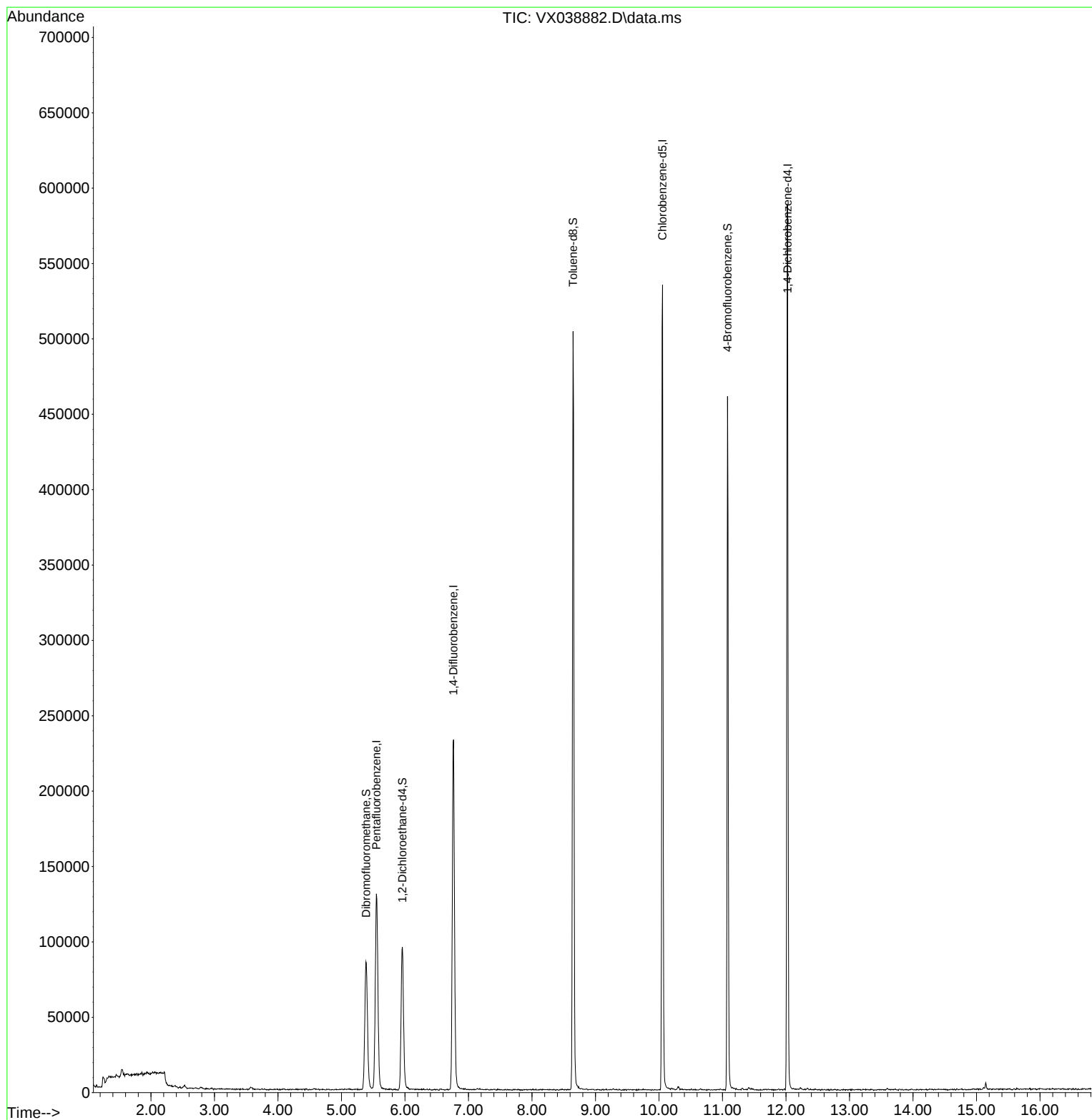
Target Compounds	Qvalue

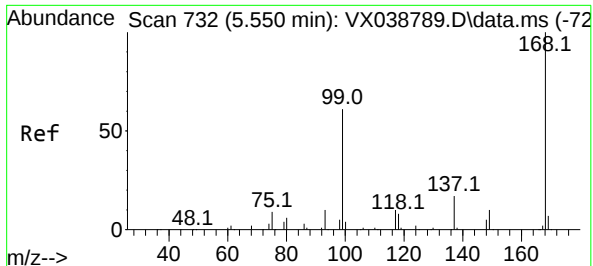
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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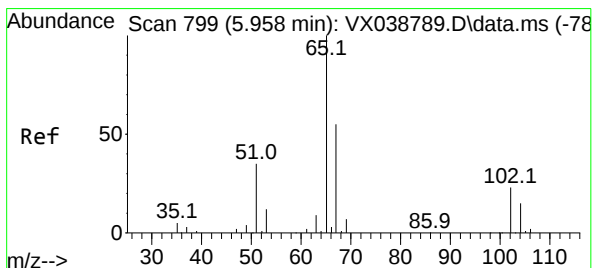
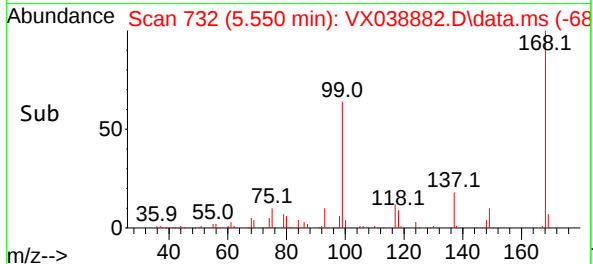
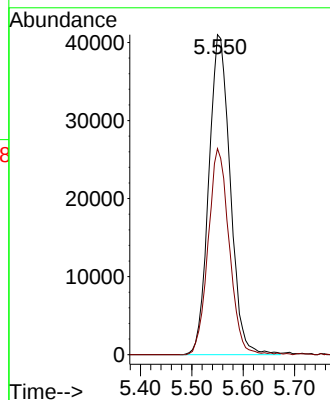
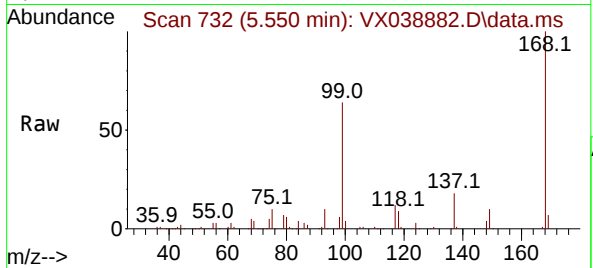




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

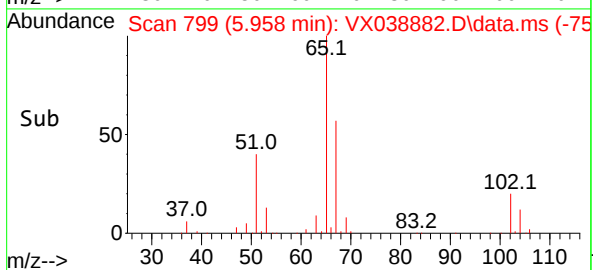
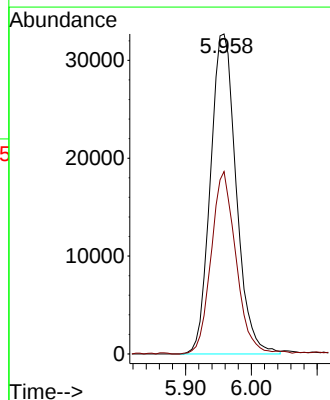
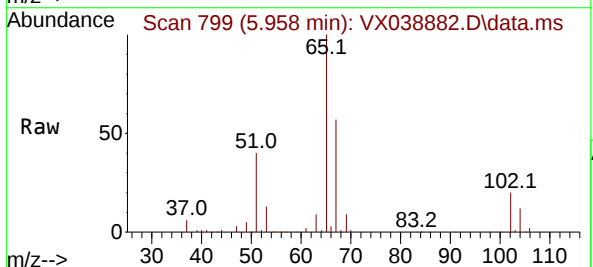
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20231112

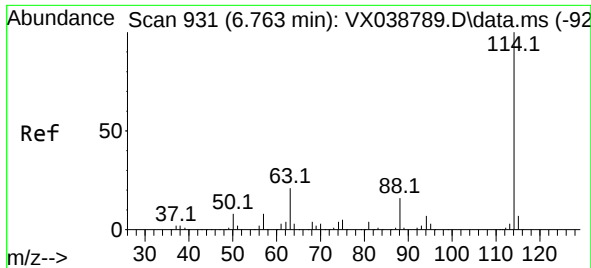
Tgt Ion:168 Resp: 118560
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.640 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion: 65 Resp: 89101
Ion Ratio Lower Upper
65 100
67 55.1 0.0 100.2

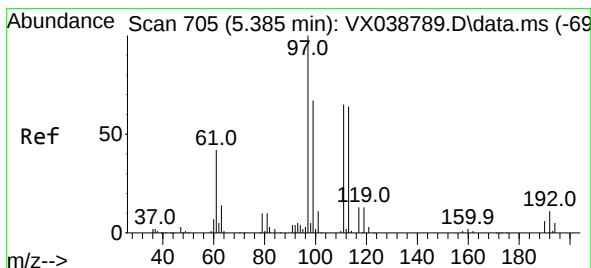
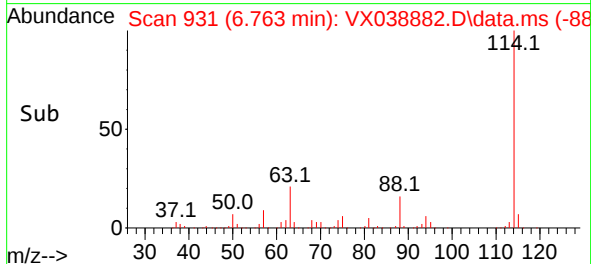
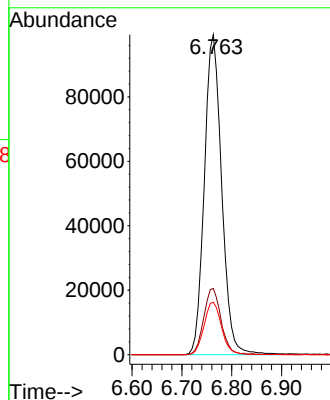
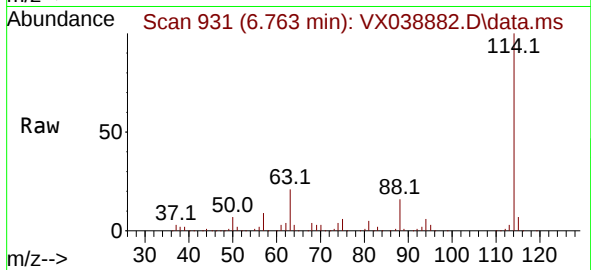




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

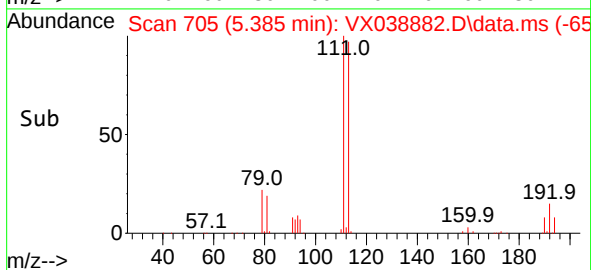
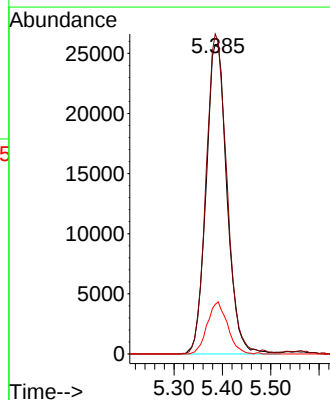
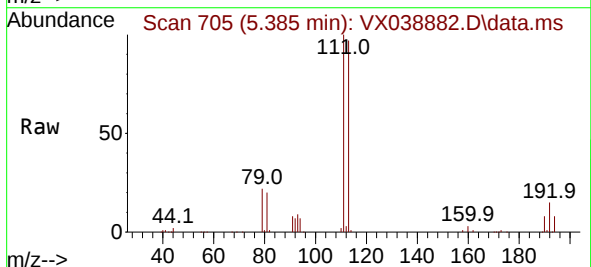
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20231112

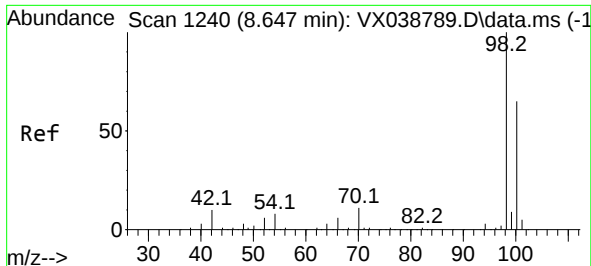
Tgt Ion:114 Resp: 239949
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.730 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion:113 Resp: 77516
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.3 13.3 19.9





#50

Toluene-d8

Concen: 45.431 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038882.D

Acq: 17 Nov 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

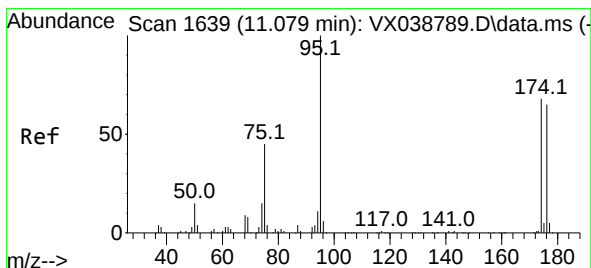
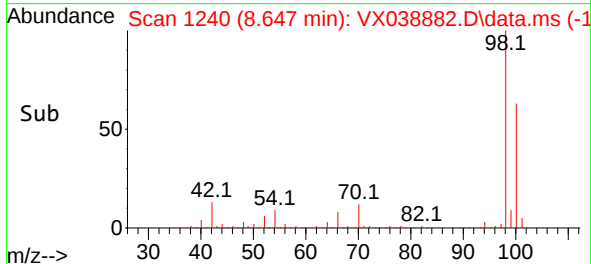
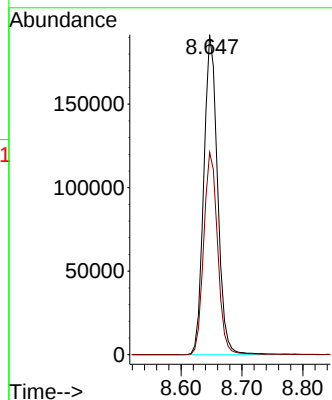
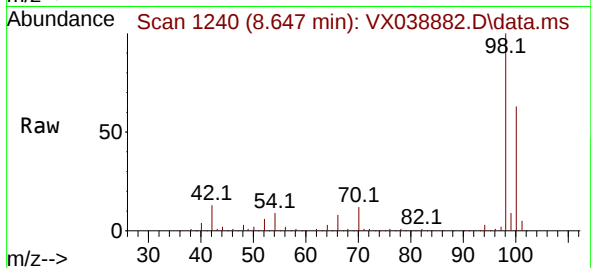
RW9-MW01D1-20231112

Tgt Ion: 98 Resp: 301228

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038882.D

Acq: 17 Nov 2023 15:52

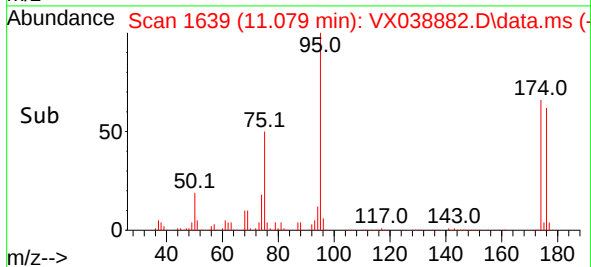
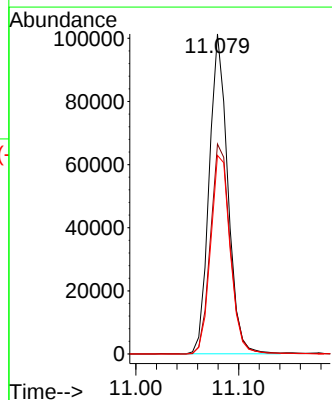
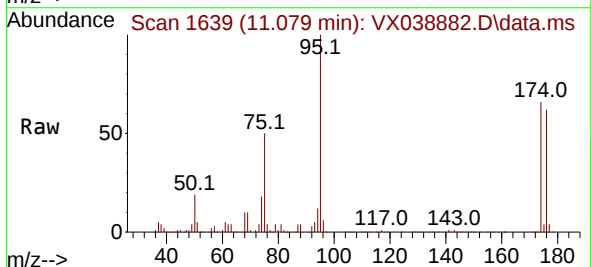
Tgt Ion: 95 Resp: 127289

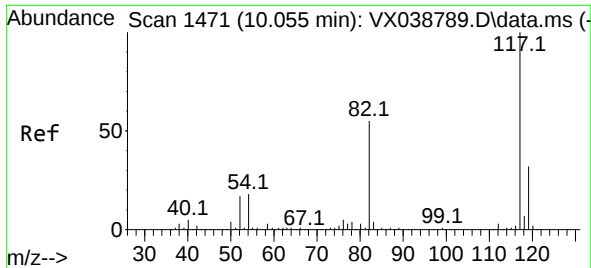
Ion Ratio Lower Upper

95 100

174 69.7 0.0 135.6

176 65.8 0.0 131.0

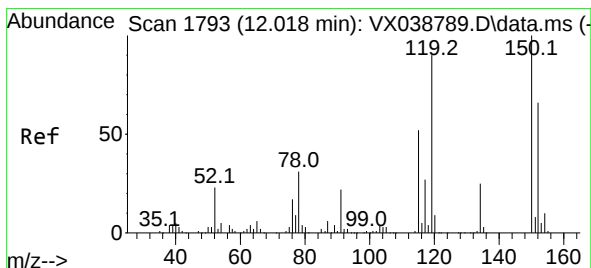
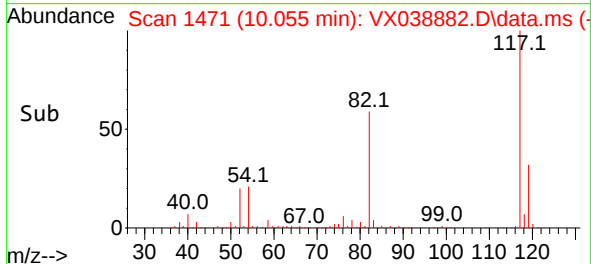
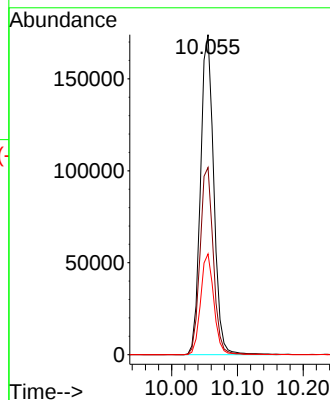
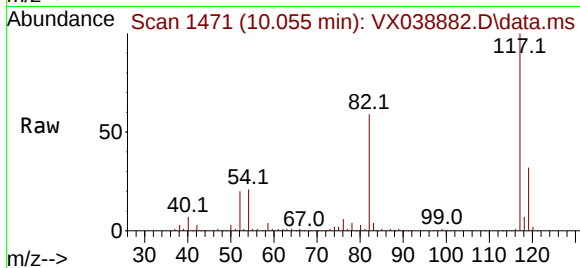




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038882.D
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RW9-MW01D1-20231112

Tgt Ion:117 Resp: 244120
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.5 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: VX038882.D
Acq: 17 Nov 2023 15:52

Tgt Ion:152 Resp: 120741
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 159.8 0.0 345.0

