

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077547.D
 Acq On : 01 May 2023 17:12
 Operator : JC\MD
 Sample : 02547-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW10-MW01D-GW-20230426

Quant Time: May 01 22:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	578215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1114850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	994307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	347105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	394062	52.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.460%
35) Dibromofluoromethane	8.172	113	350842	52.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.572	98	1333593	51.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.854	95	411361	48.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%

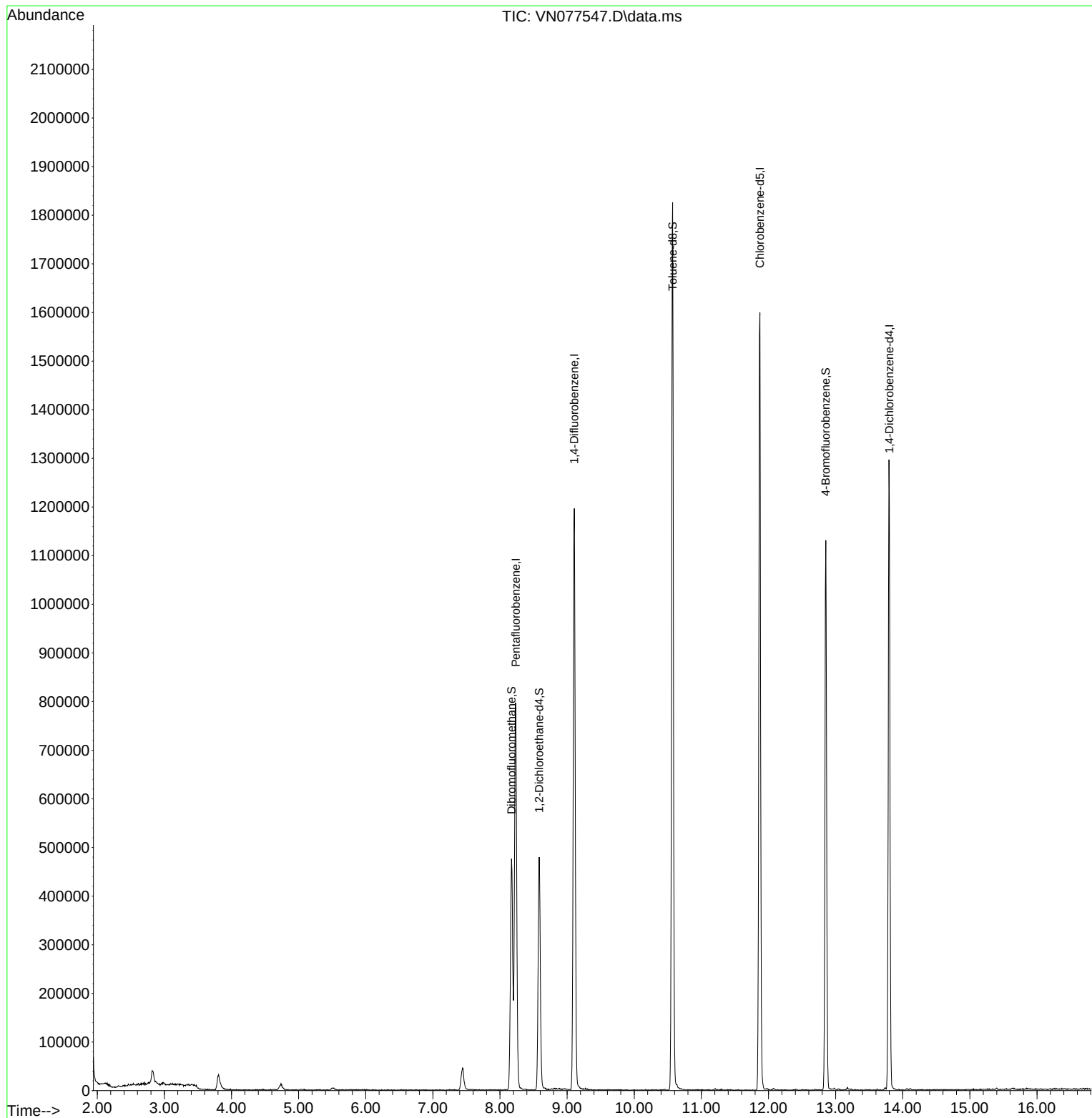
Target Compounds	Qvalue

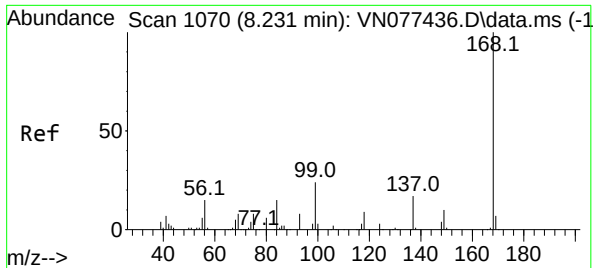
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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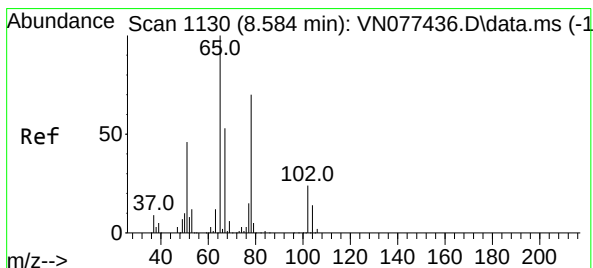
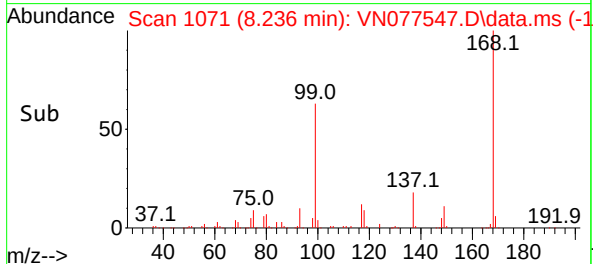
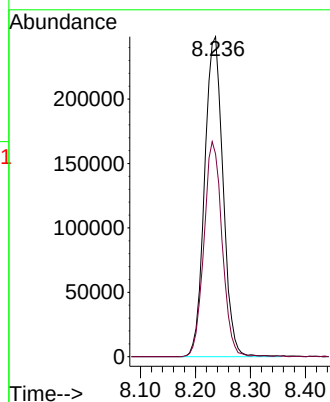
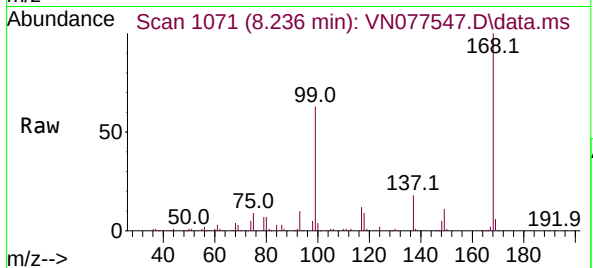




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.005 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

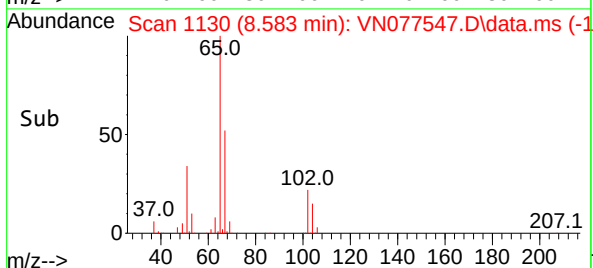
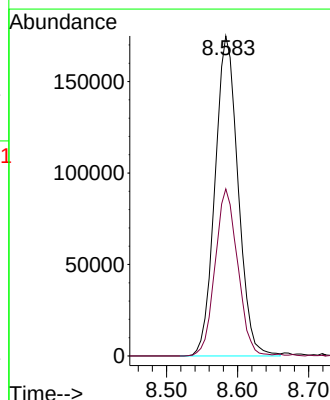
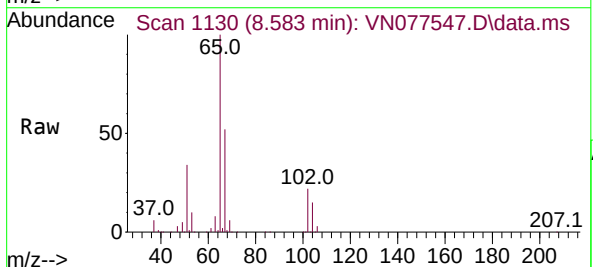
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW10-MW01D-GW-20230426

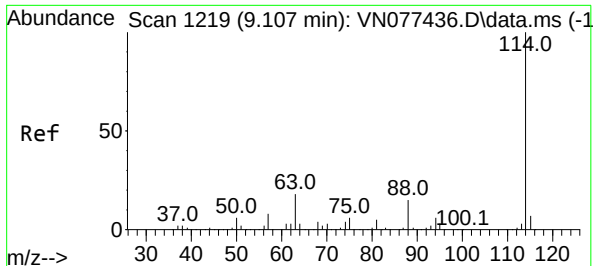
Tgt Ion:168 Resp: 578215
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.228 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 65 Resp: 394062
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.6

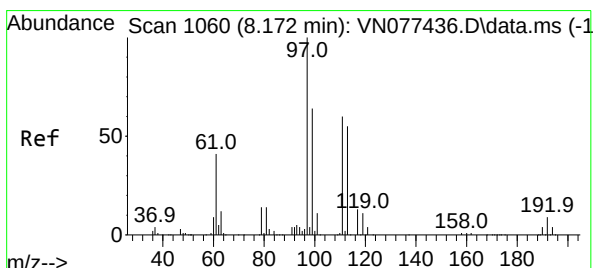
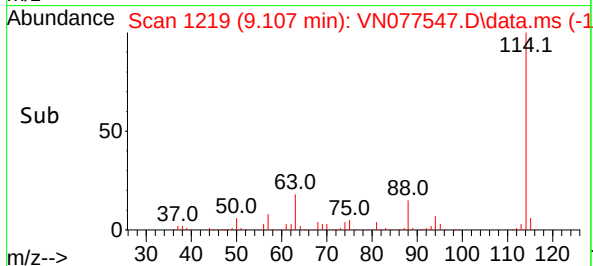
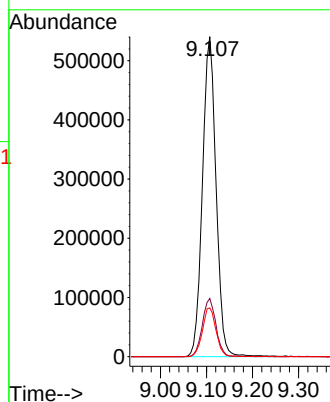
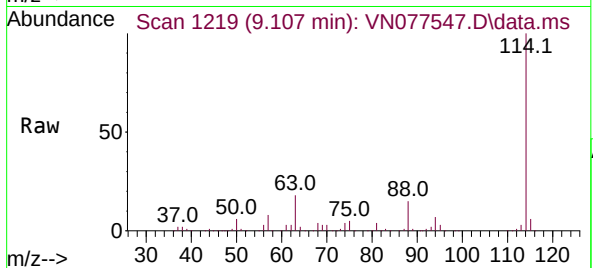




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

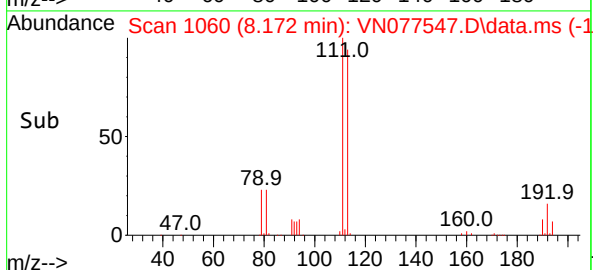
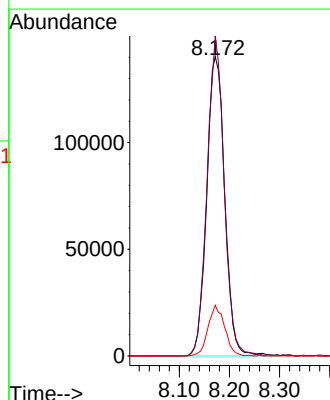
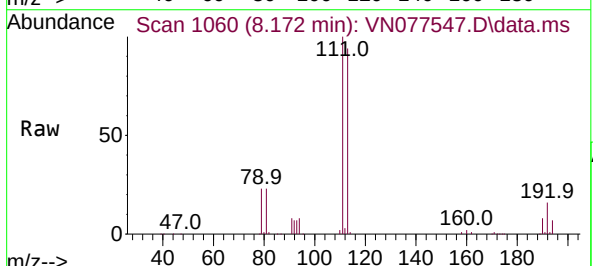
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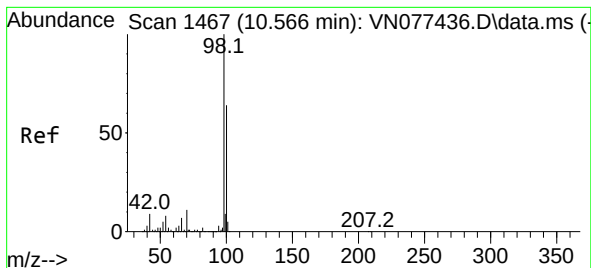
Tgt Ion:114 Resp: 1114850
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion:113 Resp: 350842
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 15.7 12.7 19.1

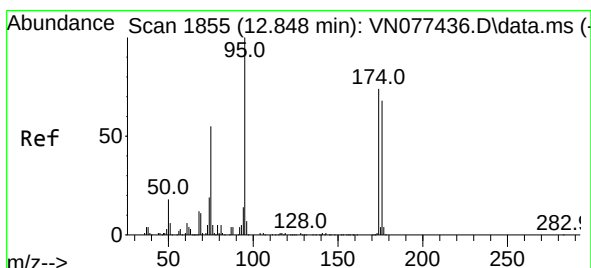
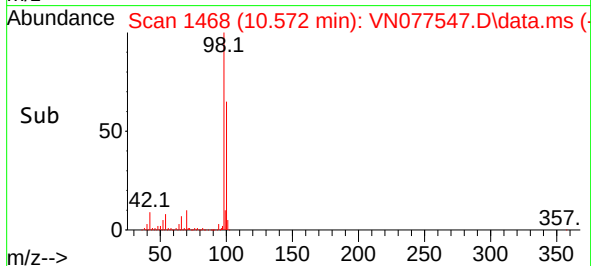
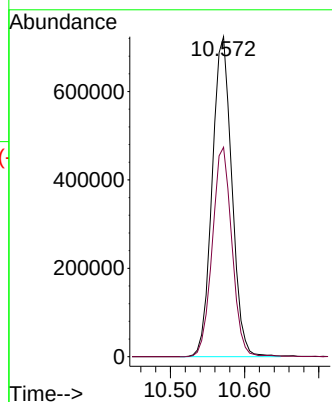
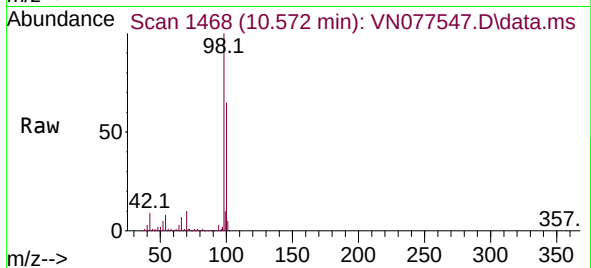




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

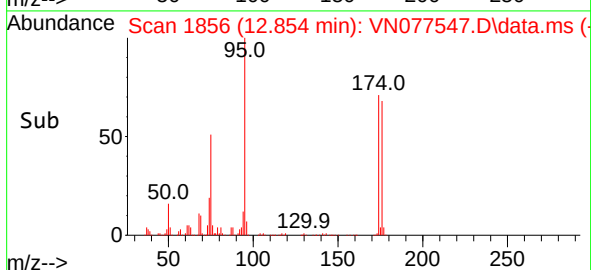
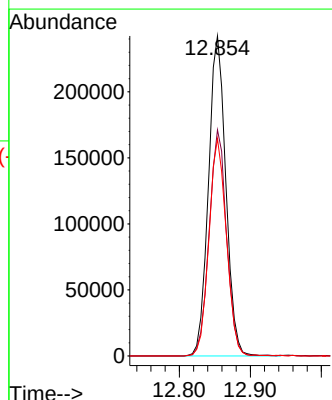
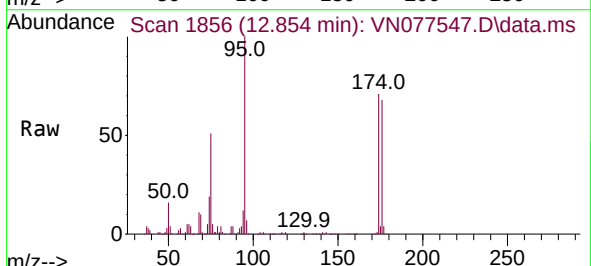
Instrument :
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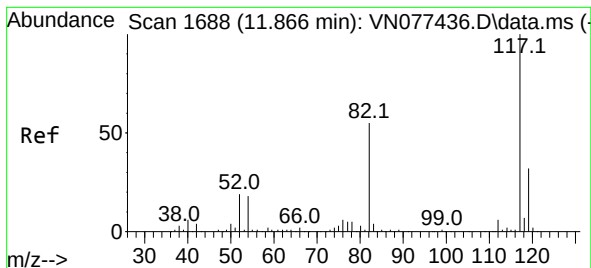
Tgt Ion: 98 Resp: 1333593
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.959 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 95 Resp: 411361
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 68.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077547.D

Acq: 01 May 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW10-MW01D-GW-20230426

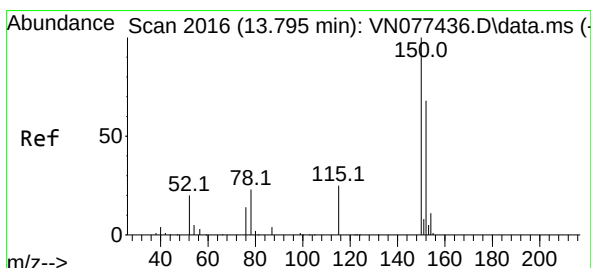
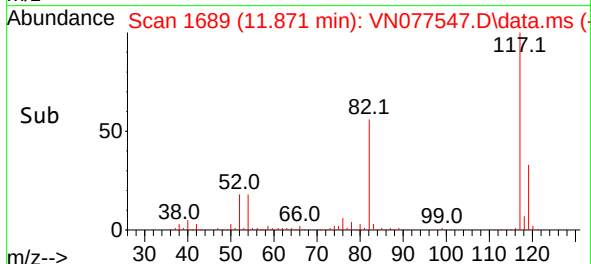
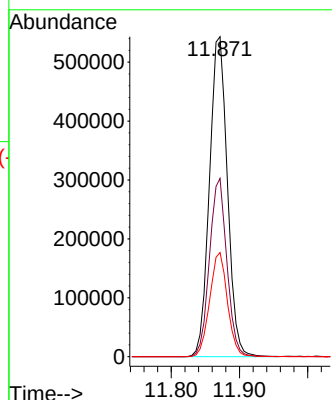
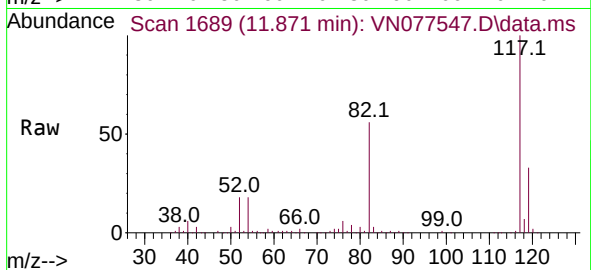
Tgt Ion:117 Resp: 994307

Ion Ratio Lower Upper

117 100

82 55.7 44.0 66.0

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.801 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN077547.D

Acq: 01 May 2023 17:12

Tgt Ion:152 Resp: 347105

Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 160.5 0.0 355.8

