

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079538.D
 Acq On : 12 Oct 2023 12:13
 Operator : JC\MD
 Sample : VN1012WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Quant Time: Oct 13 01:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	239955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	449228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206080	52.968	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	8.171	113	179611	53.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.820%
50) Toluene-d8	10.570	98	557423	45.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.853	95	180171	46.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%

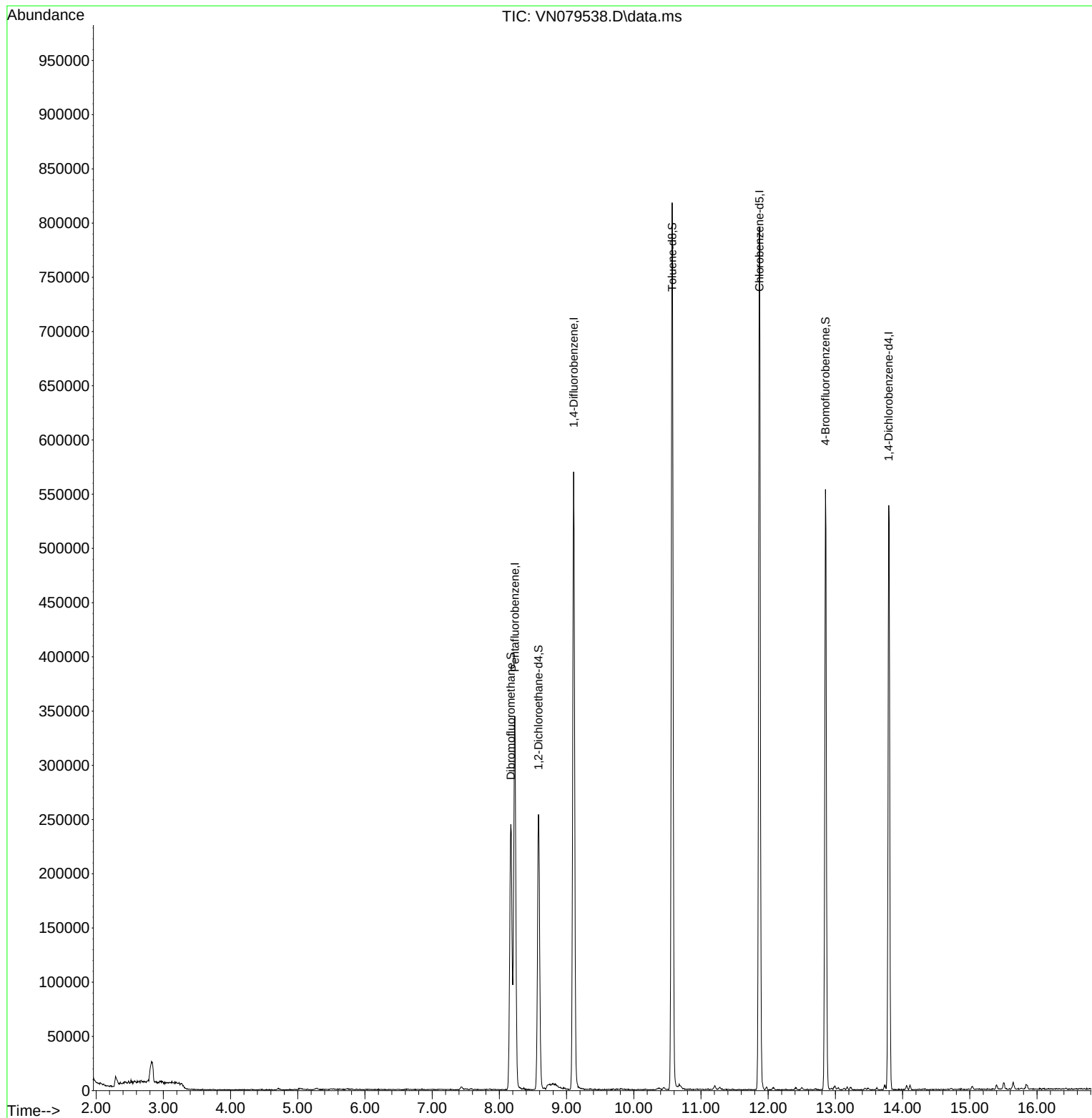
Target Compounds	Qvalue

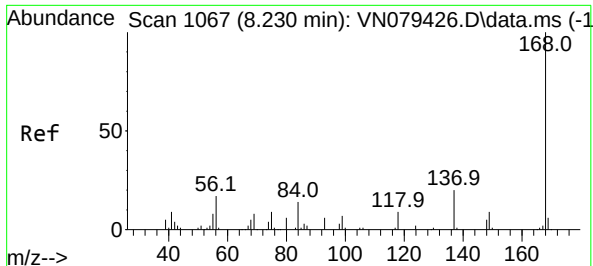
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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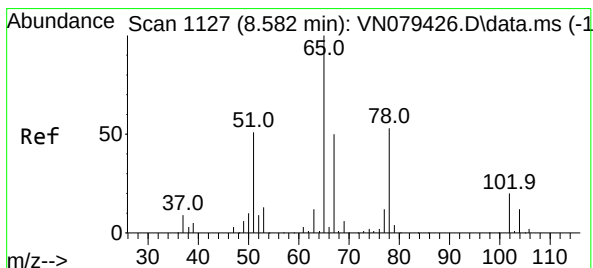
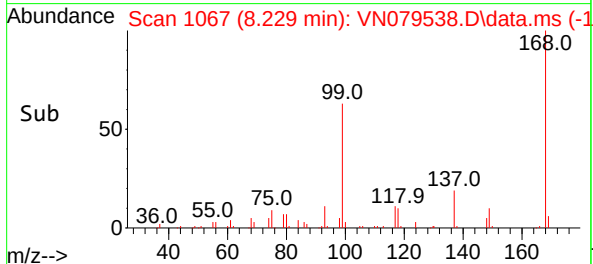
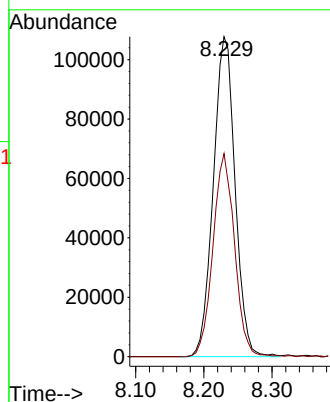
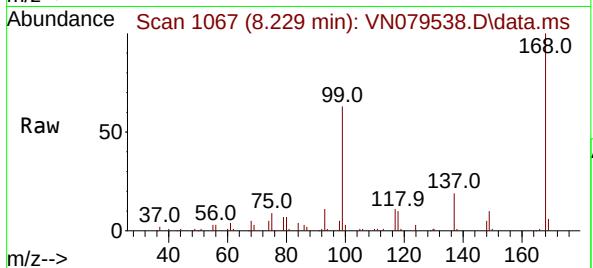




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

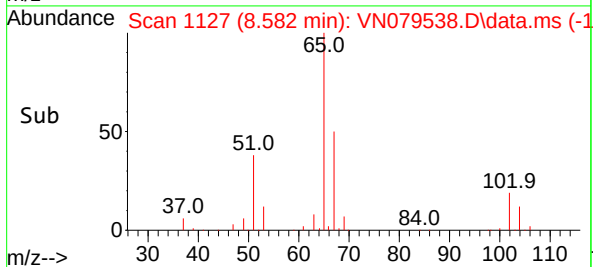
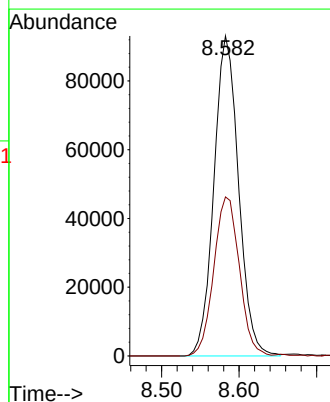
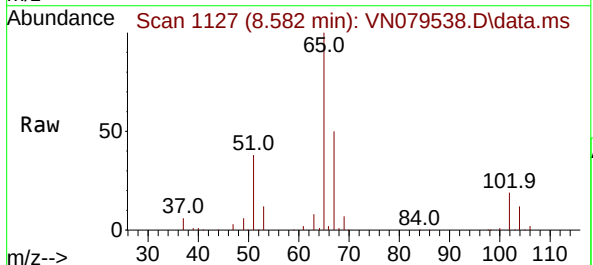
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

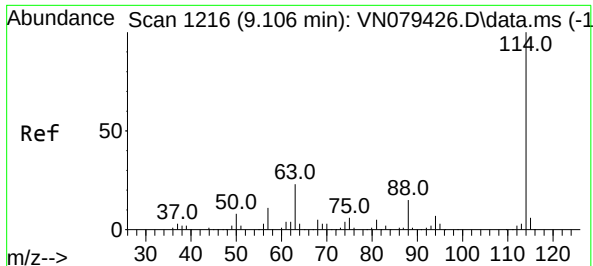
Tgt Ion:168 Resp: 239955
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.968 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

Tgt Ion: 65 Resp: 206080
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079538.D

Acq: 12 Oct 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL01

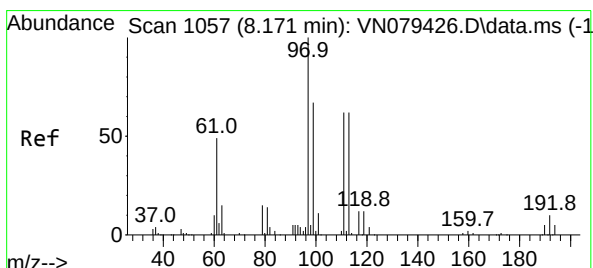
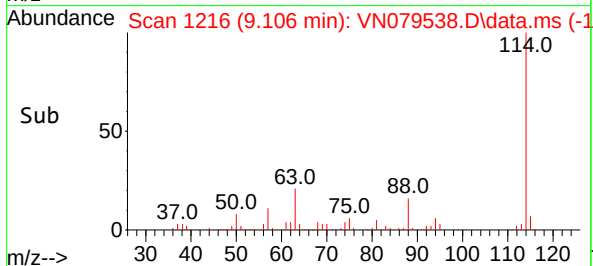
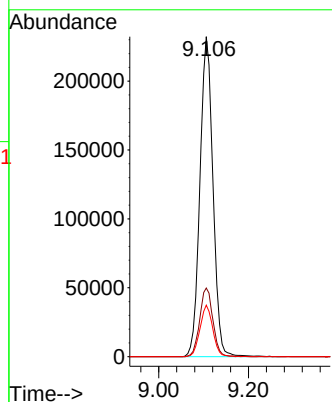
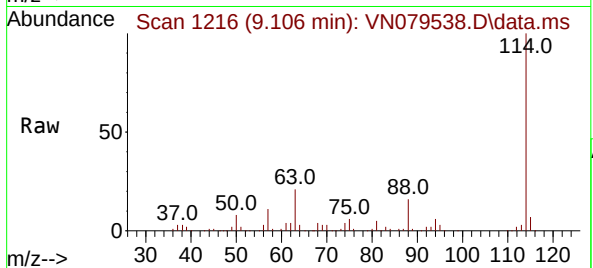
Tgt Ion:114 Resp: 467914

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.414 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079538.D

Acq: 12 Oct 2023 12:13

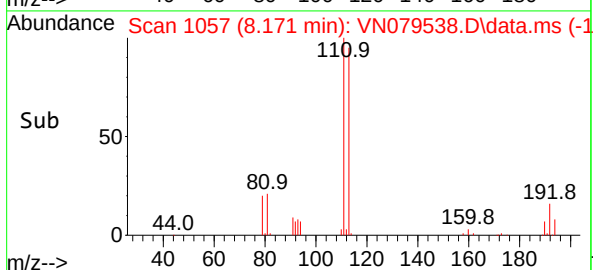
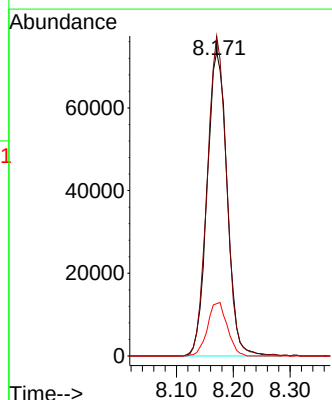
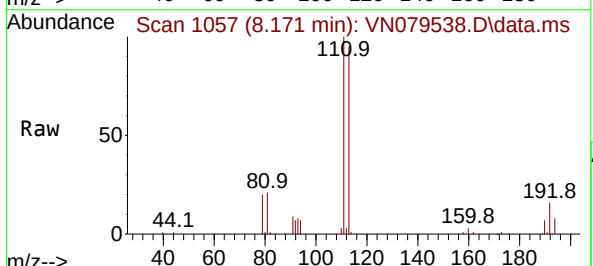
Tgt Ion:113 Resp: 179611

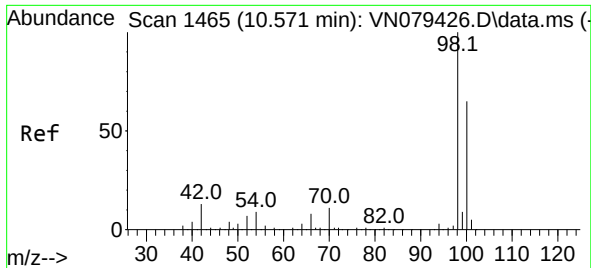
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.4 12.7 19.1

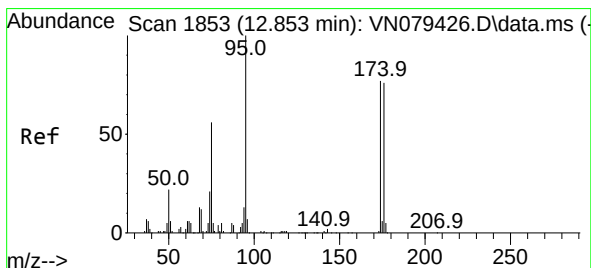
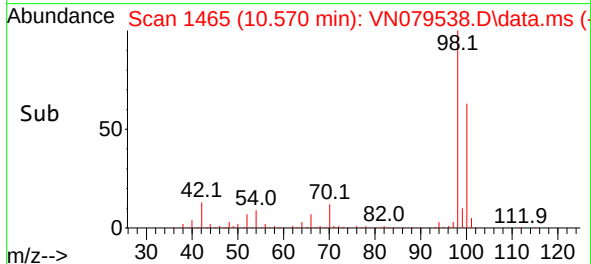
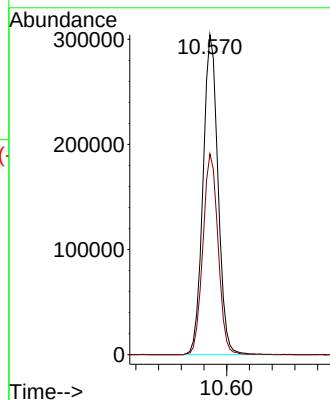
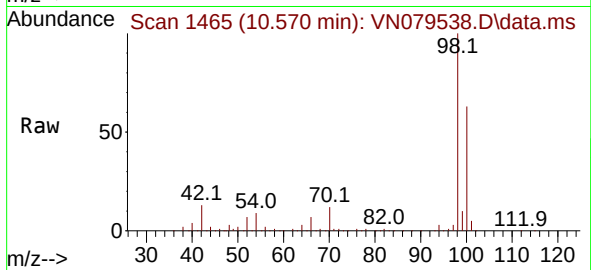




#50
Toluene-d8
Concen: 45.815 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

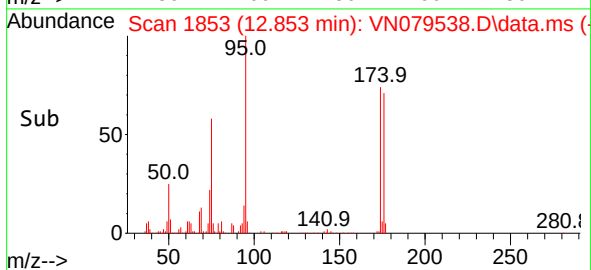
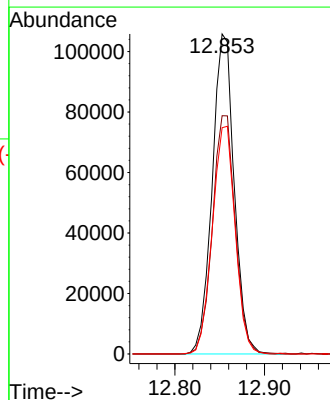
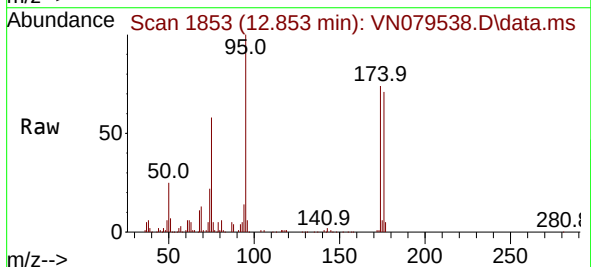
Instrument :
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VN1012WBL01

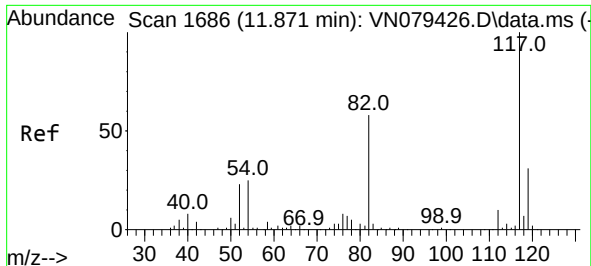
Tgt Ion: 98 Resp: 557423
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.143 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

Tgt Ion: 95 Resp: 180171
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.9 0.0 135.8

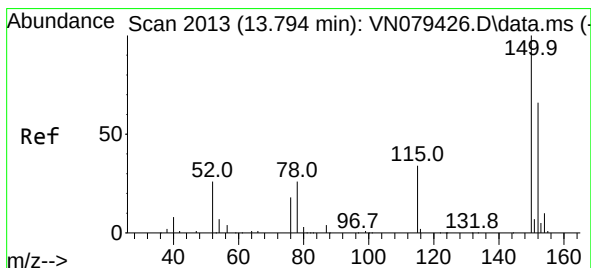
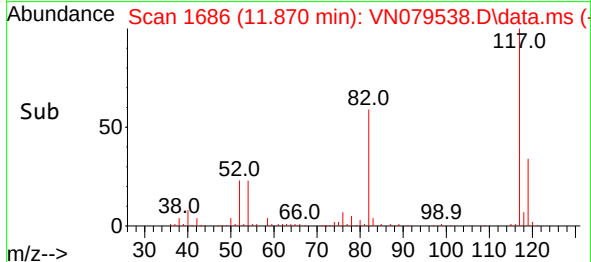
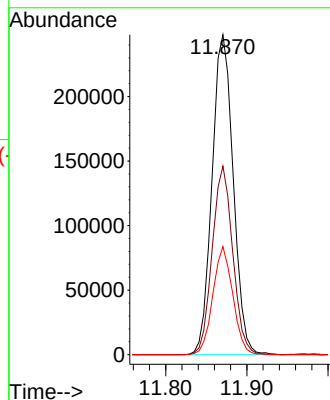
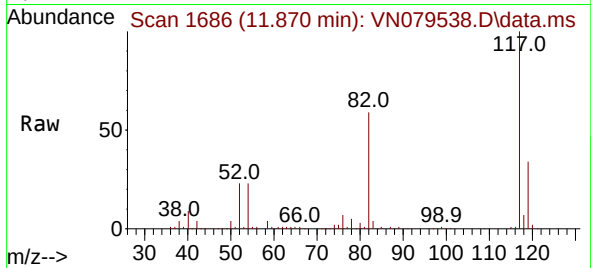




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion:117 Resp: 449228
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 33.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079538.D
Acq: 12 Oct 2023 12:13

Tgt Ion:152 Resp: 139511
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 156.8 0.0 355.8

