

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079821.D
 Acq On : 03 Nov 2023 03:35
 Operator : JC\MD
 Sample : 05222-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-2-20231031

Quant Time: Nov 03 05:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	217371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	440277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	448815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196547	59.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.700%
35) Dibromofluoromethane	8.171	113	165034	52.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.571	98	578199	50.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.853	95	192218	50.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%

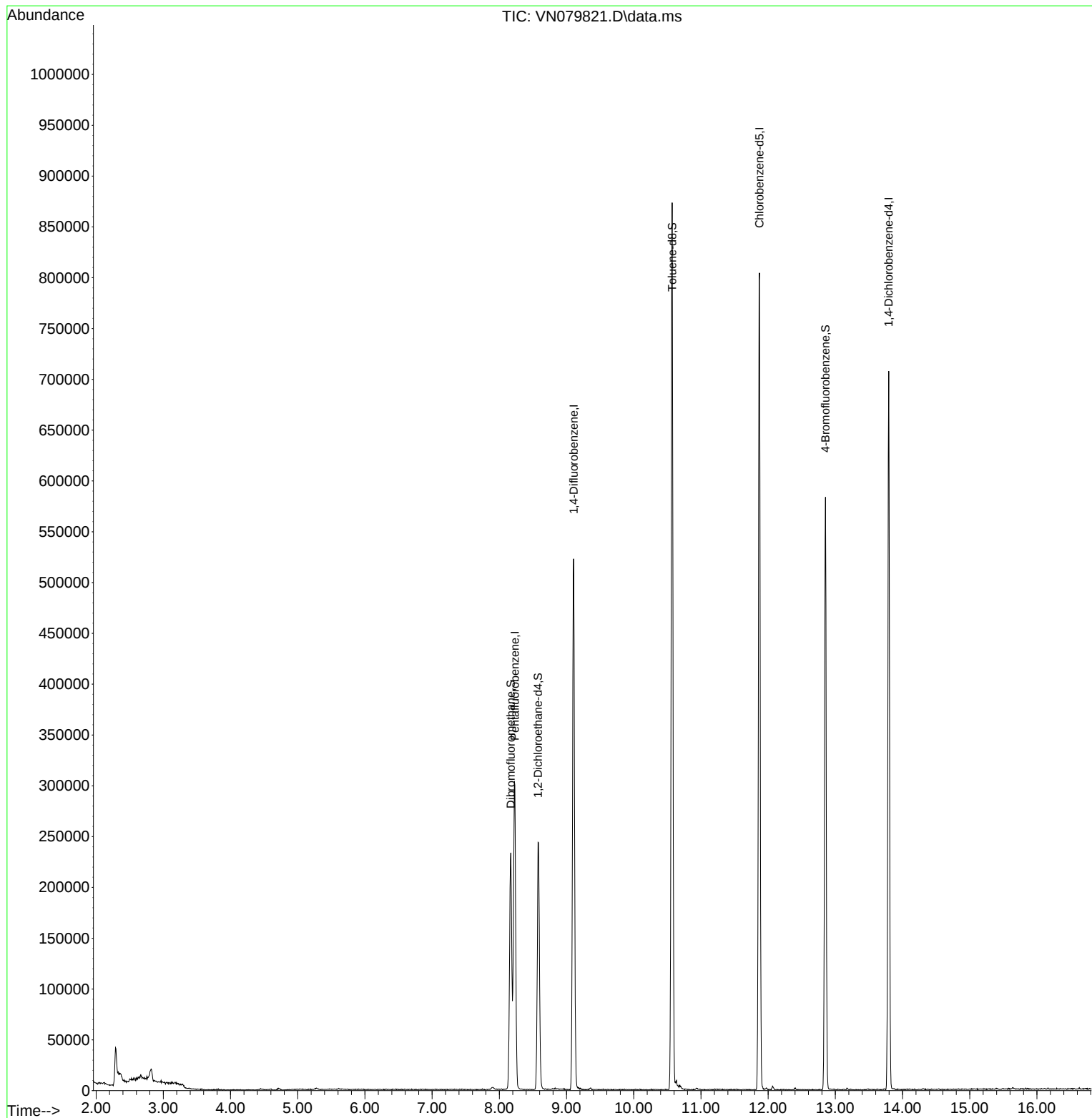
Target Compounds	Qvalue

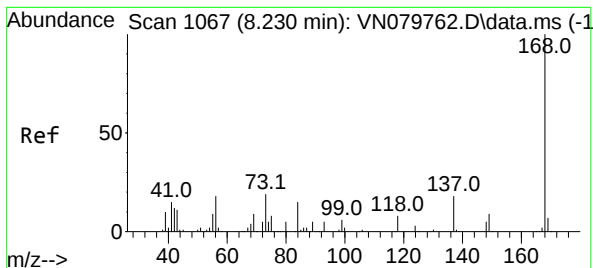
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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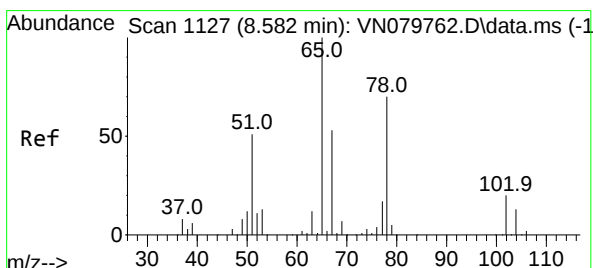
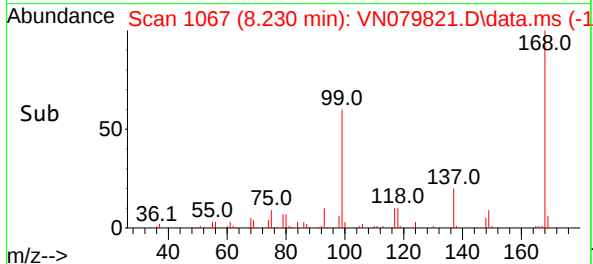
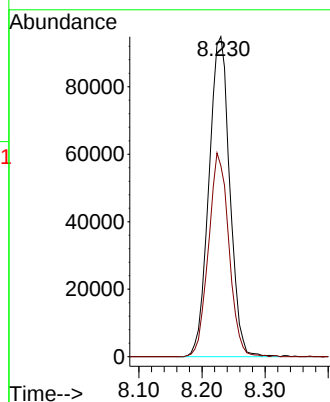
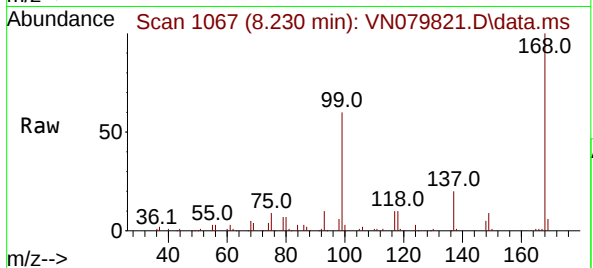




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.001 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

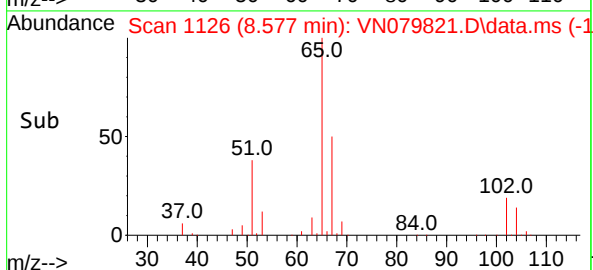
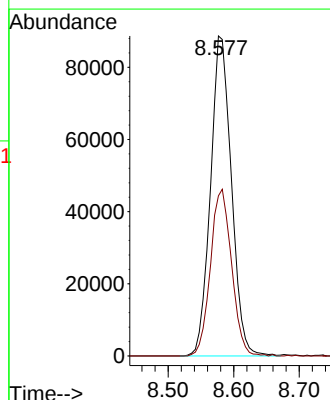
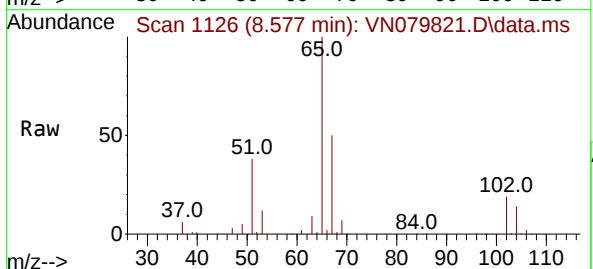
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

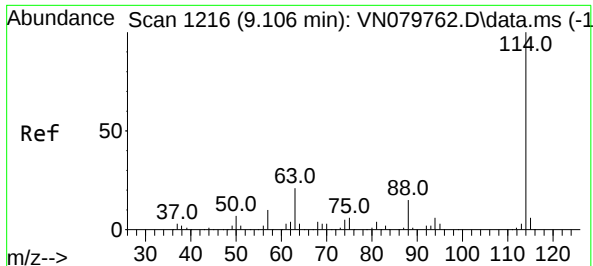
Tgt Ion:168 Resp: 217371
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 59.349 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion: 65 Resp: 196547
Ion Ratio Lower Upper
65 100
67 52.6 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: VN079821.D

Acq: 03 Nov 2023 03:35

Instrument :

MSVOA_N

ClientSampleId :

FSND-RB-2-20231031

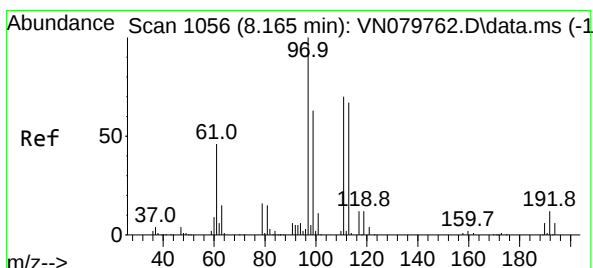
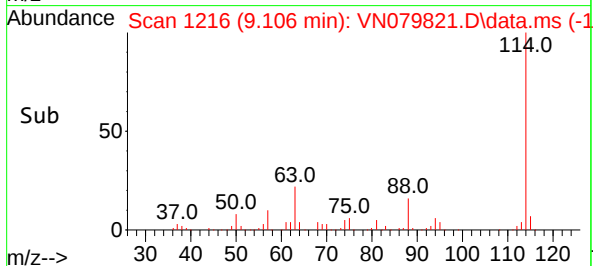
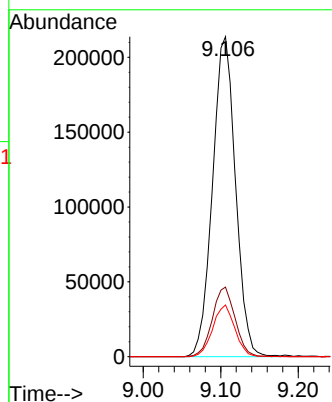
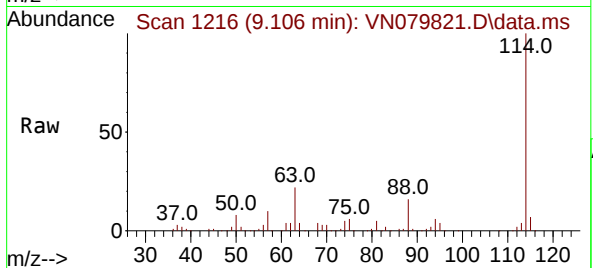
Tgt Ion:114 Resp: 440277

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.962 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

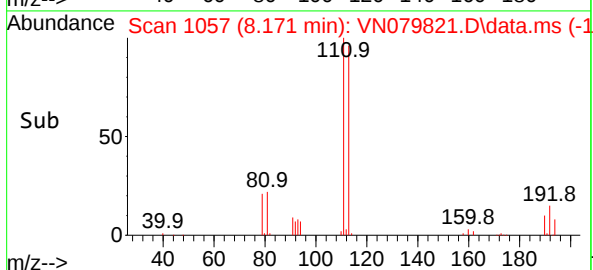
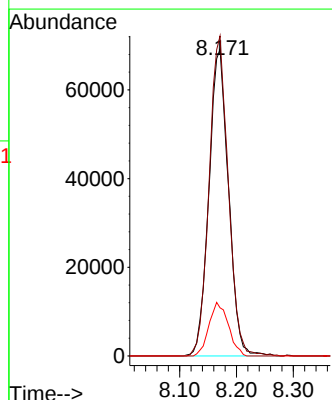
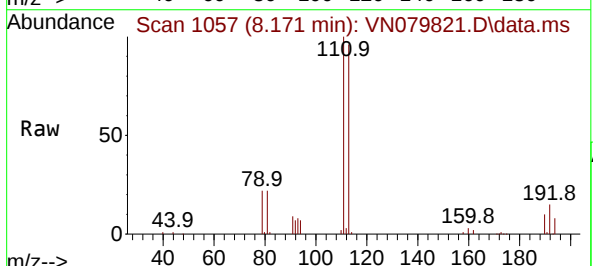
Tgt Ion:113 Resp: 165034

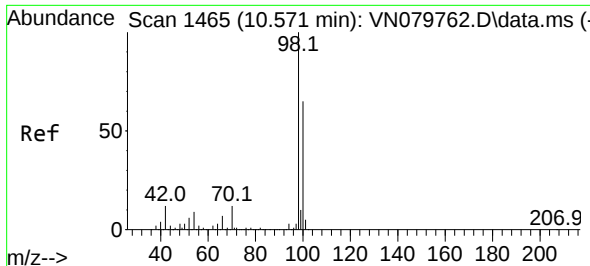
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.3 12.7 19.1

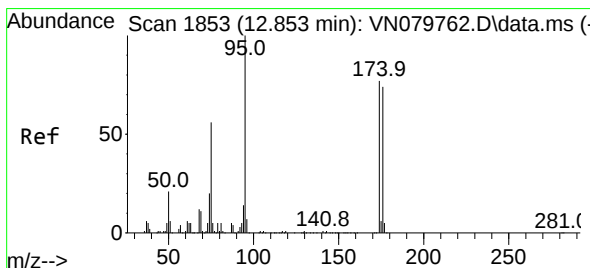
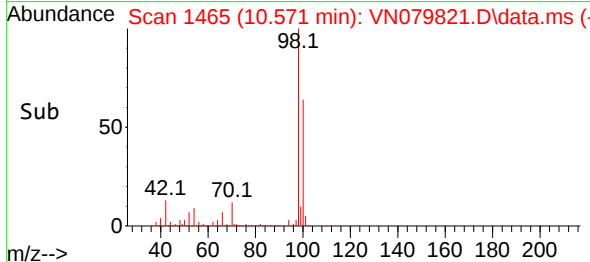
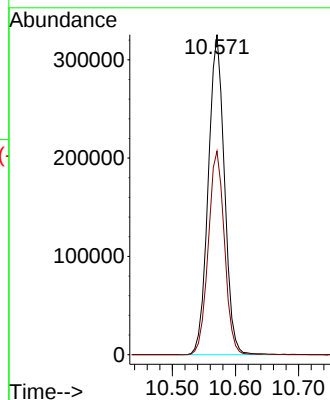
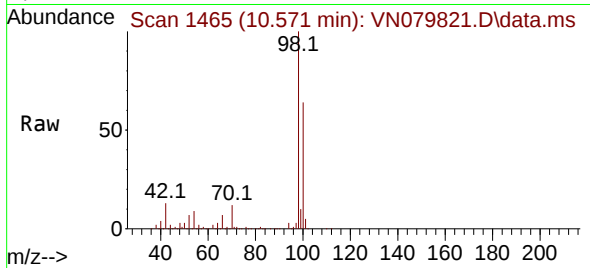




#50
Toluene-d8
Concen: 50.403 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

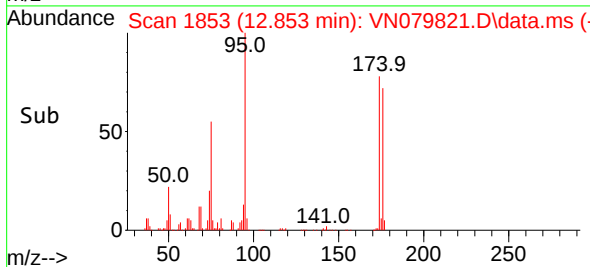
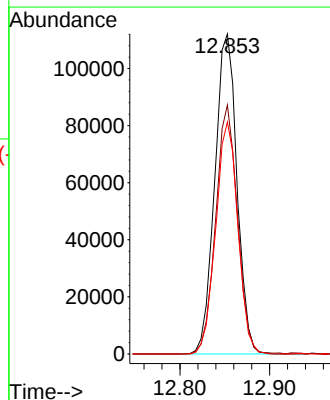
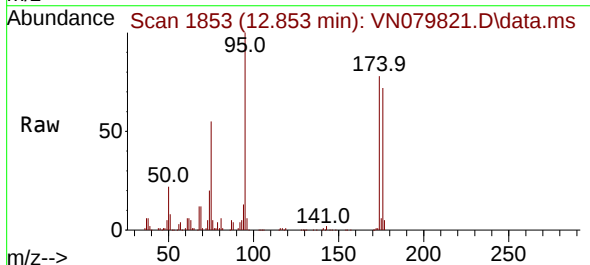
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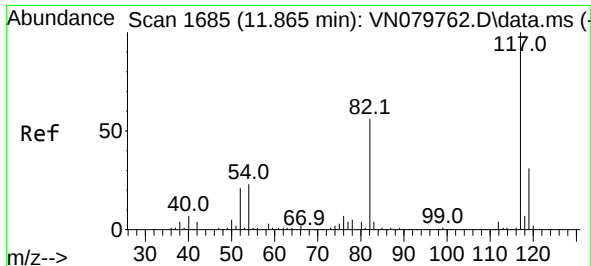
Tgt Ion: 98 Resp: 578199
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion: 95 Resp: 192218
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.2 0.0 135.8

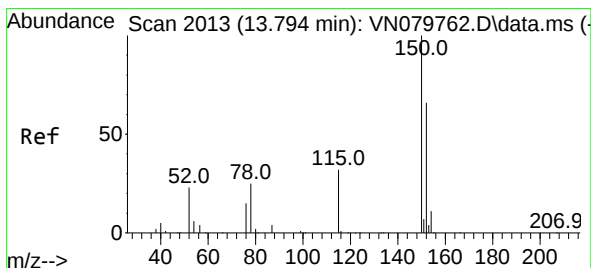
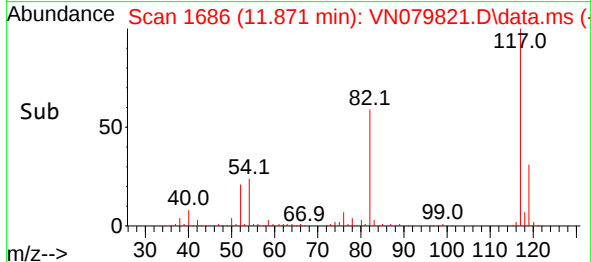
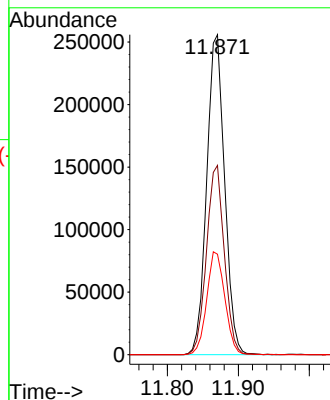
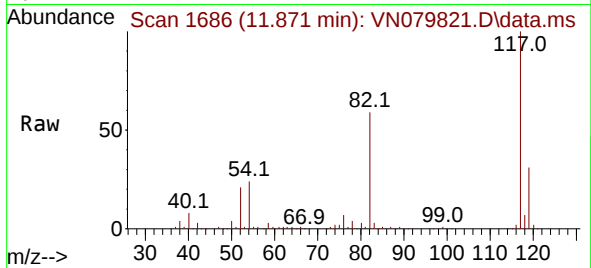




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

Tgt Ion:117 Resp: 448815
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.4 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: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion:152 Resp: 181422
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.1 0.0 355.8

