

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079829.D
 Acq On : 03 Nov 2023 06:44
 Operator : JC\MD
 Sample : 05222-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-16-20231101

Quant Time: Nov 03 07:46:51 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	212925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	431502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	443086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195996	60.418	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.840%
35) Dibromofluoromethane	8.165	113	165107	54.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.571	98	569334	50.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.853	95	186113	49.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%

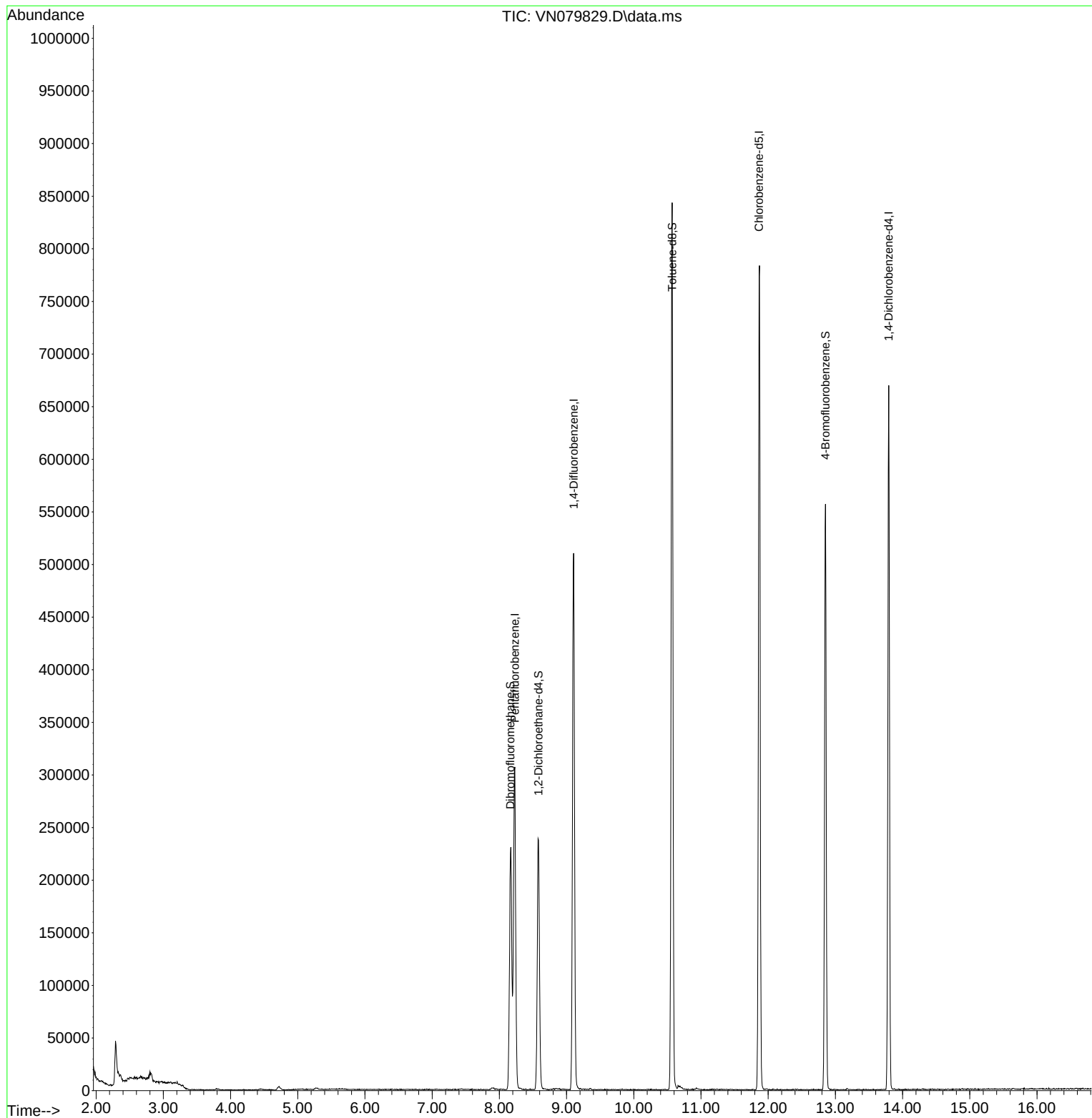
Target Compounds	Qvalue

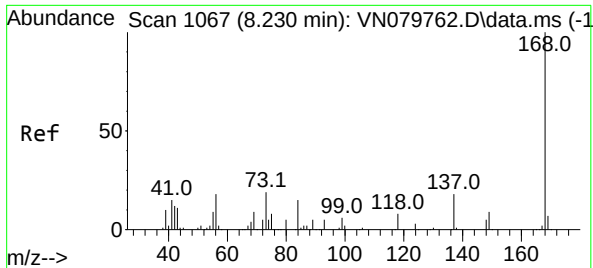
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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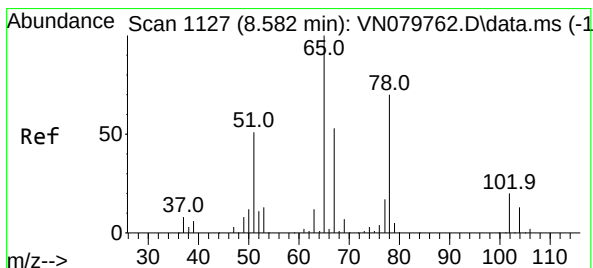
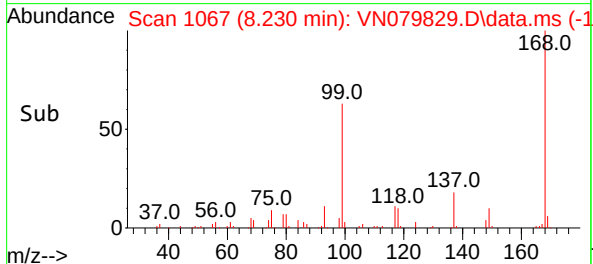
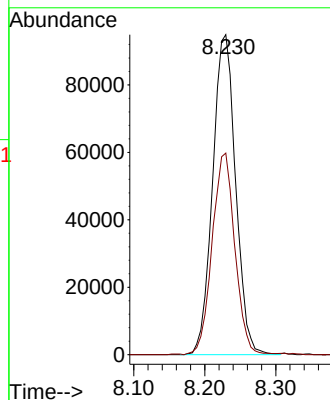
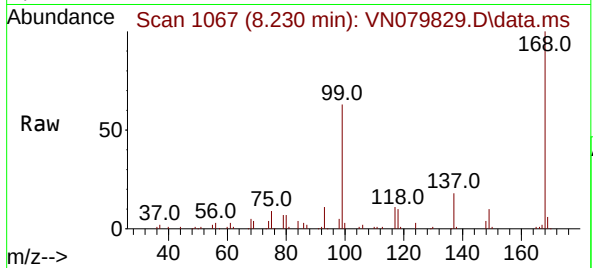




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079829.D
Acq: 03 Nov 2023 06:44

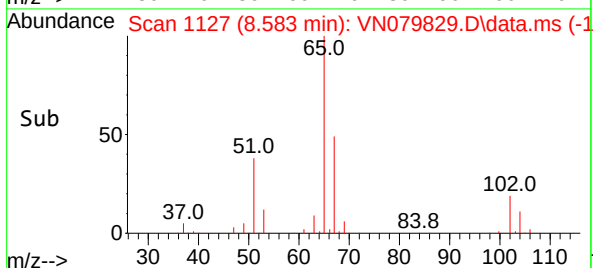
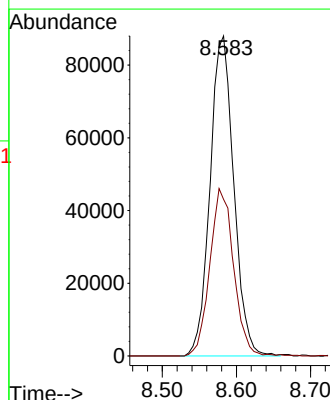
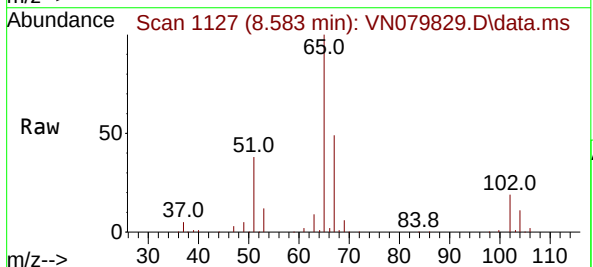
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-16-20231101

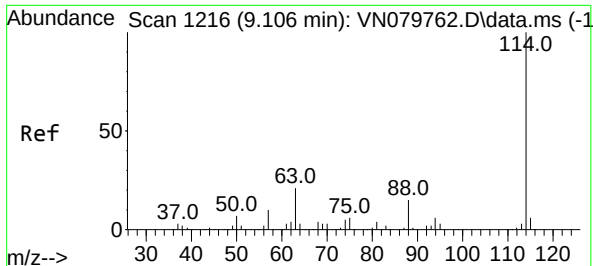
Tgt Ion:168 Resp: 212925
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 60.418 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079829.D
Acq: 03 Nov 2023 06:44

Tgt Ion: 65 Resp: 195996
Ion Ratio Lower Upper
65 100
67 52.3 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: VN079829.D

Acq: 03 Nov 2023 06:44

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-16-20231101

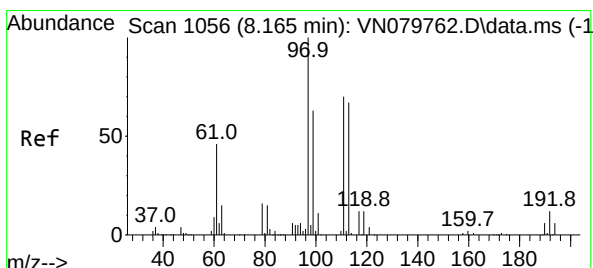
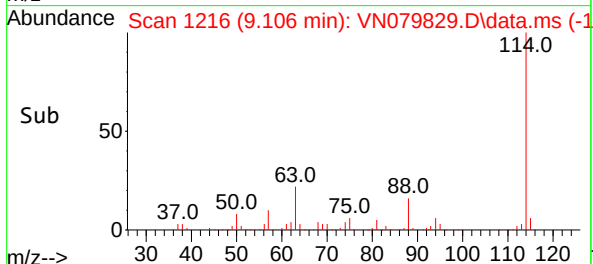
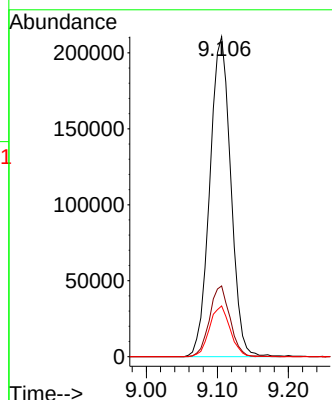
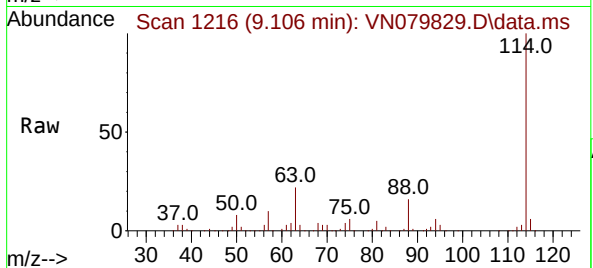
Tgt Ion:114 Resp: 431502

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.063 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079829.D

Acq: 03 Nov 2023 06:44

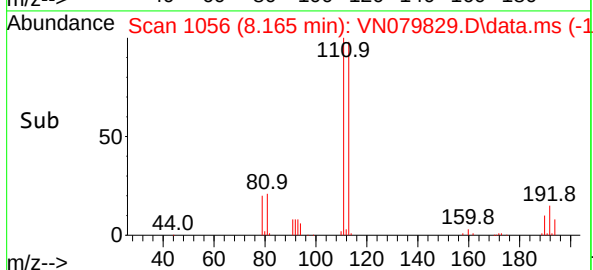
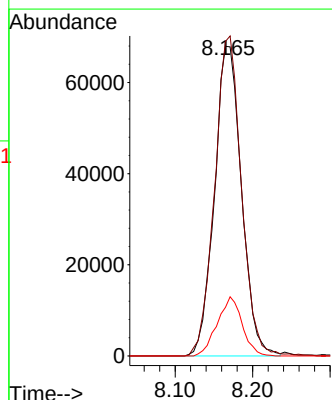
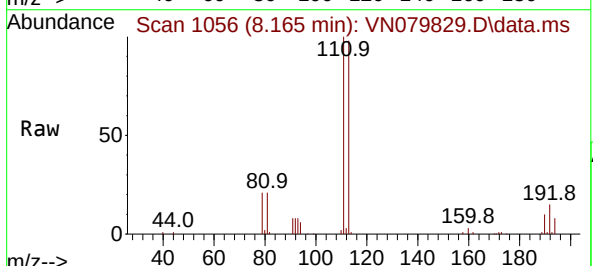
Tgt Ion:113 Resp: 165107

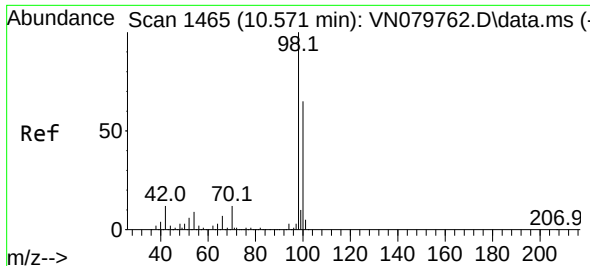
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.6 12.7 19.1

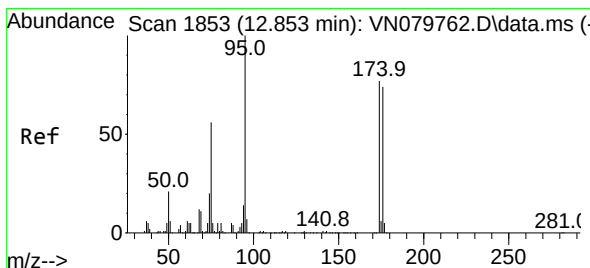
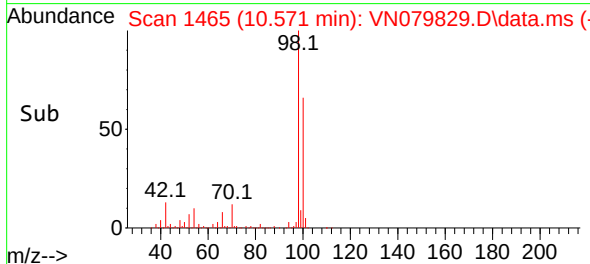
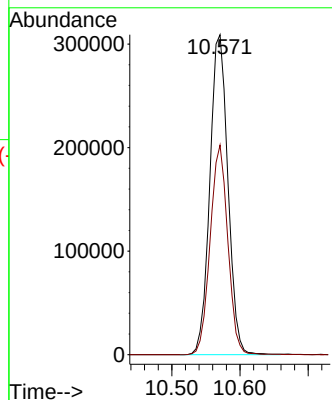
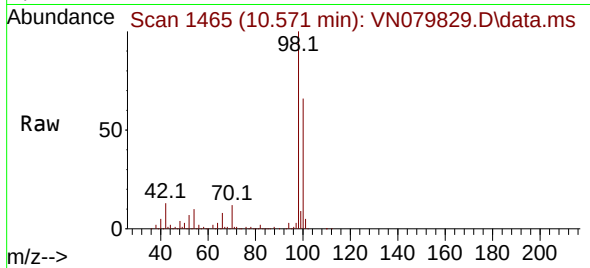




#50
Toluene-d8
Concen: 50.640 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079829.D
Acq: 03 Nov 2023 06:44

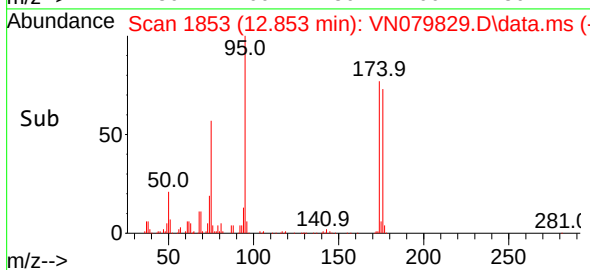
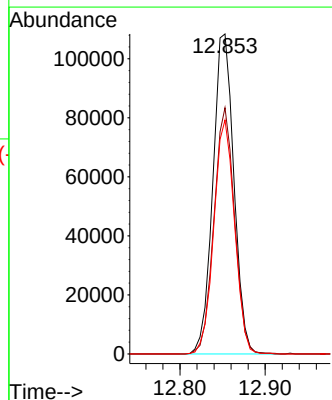
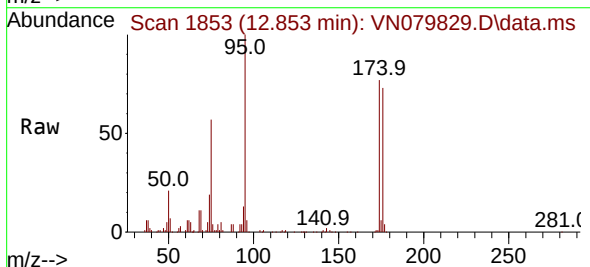
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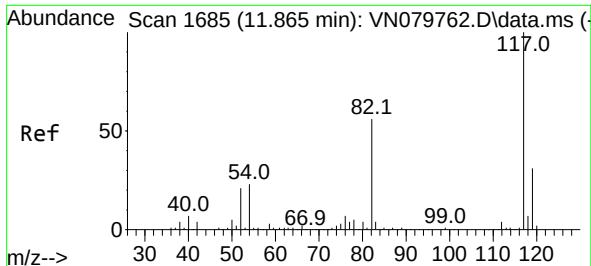
Tgt Ion: 98 Resp: 569334
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.914 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079829.D
Acq: 03 Nov 2023 06:44

Tgt Ion: 95 Resp: 186113
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.0 0.0 135.8

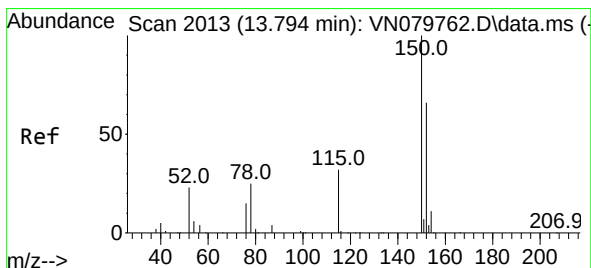
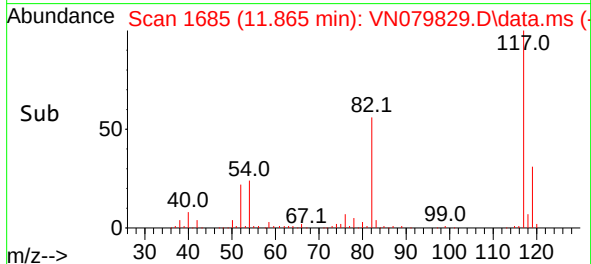
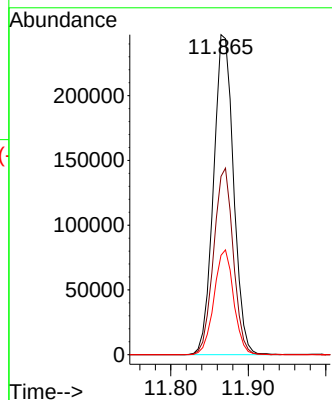
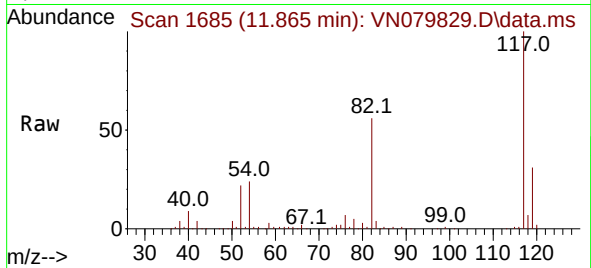




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079829.D
Acq: 03 Nov 2023 06:44

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-16-20231101

Tgt Ion:117 Resp: 443086
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.1 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: VN079829.D
Acq: 03 Nov 2023 06:44

Tgt Ion:152 Resp: 169466
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 157.2 0.0 355.8

