

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079876.D
 Acq On : 04 Nov 2023 04:45
 Operator : JC\MD
 Sample : 05223-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-9-20231031

Quant Time: Nov 04 06:13:35 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)

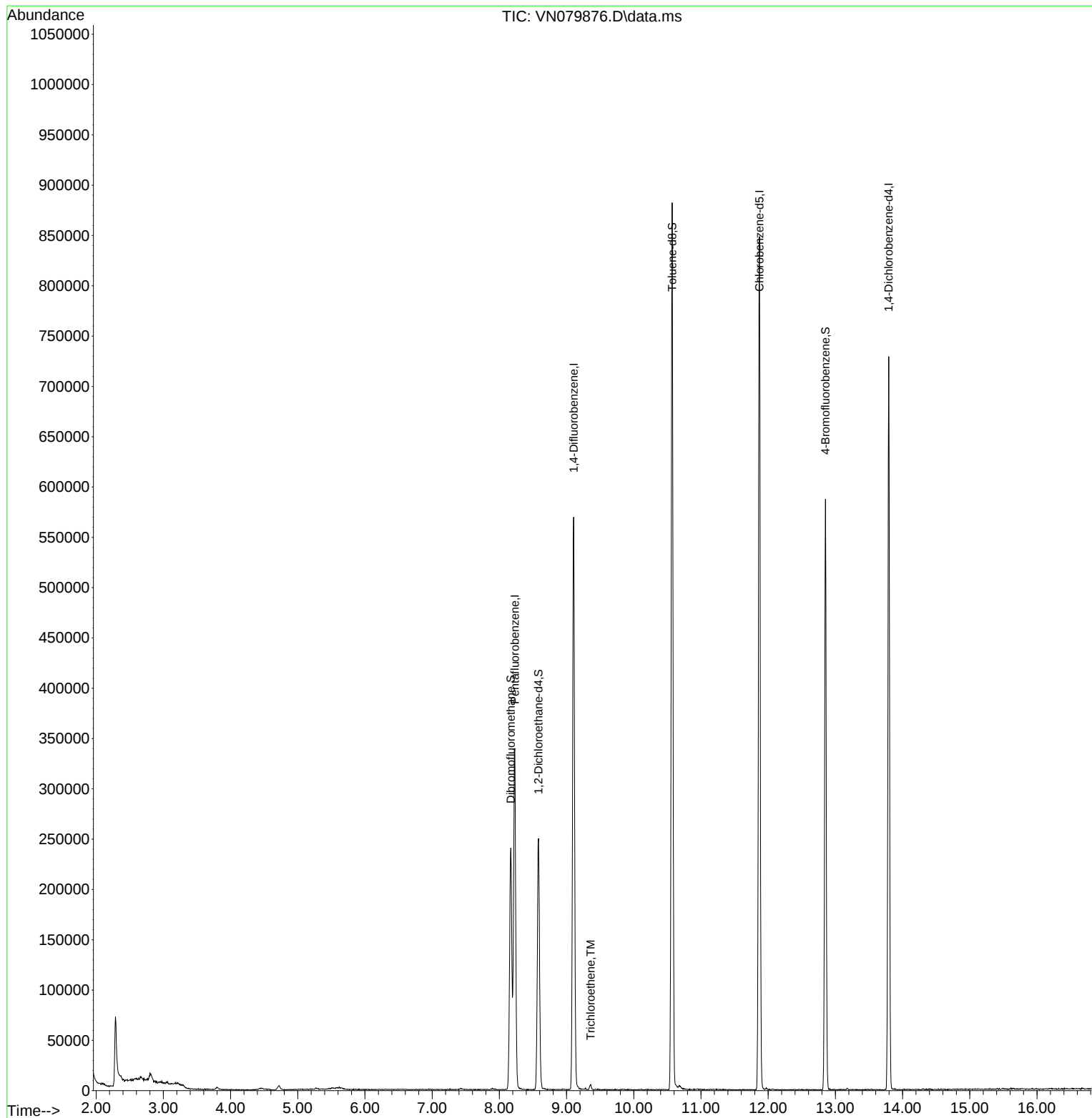
Internal Standards						
1) Pentafluorobenzene	8.229	168	236411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	486493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204670	56.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.640%
35) Dibromofluoromethane	8.171	113	172489	52.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	10.570	98	581601	47.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.853	95	191235	47.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%
Target Compounds						
						Qvalue
44) Trichloroethene	9.359	130	1663	0.474	ug/l	92

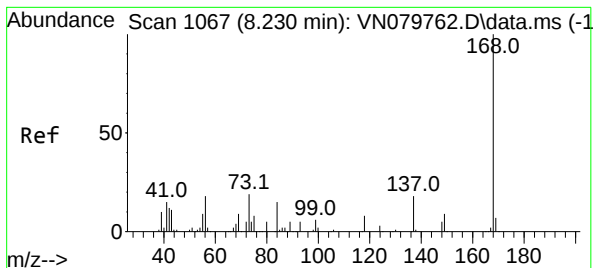
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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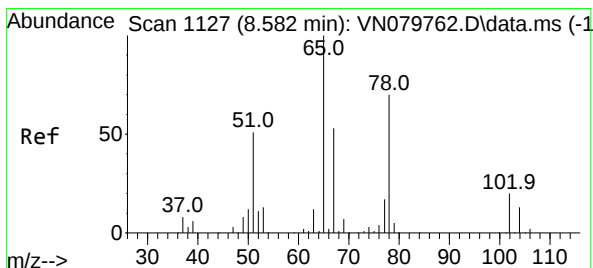
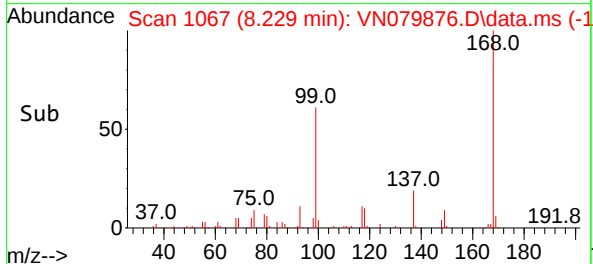
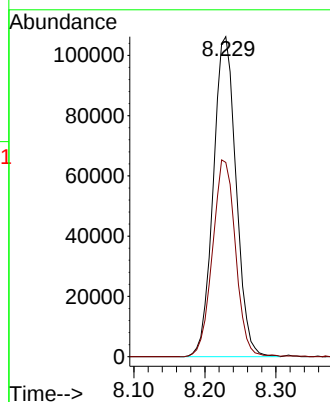
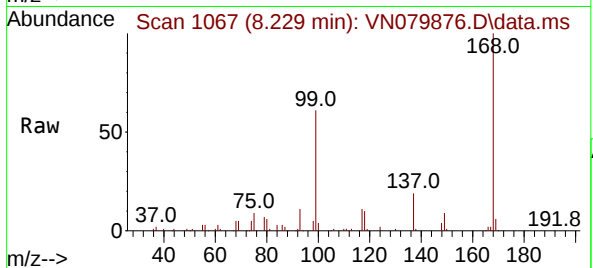




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

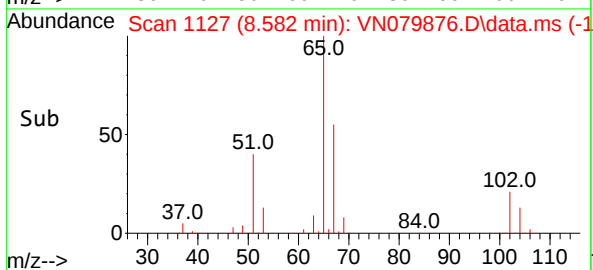
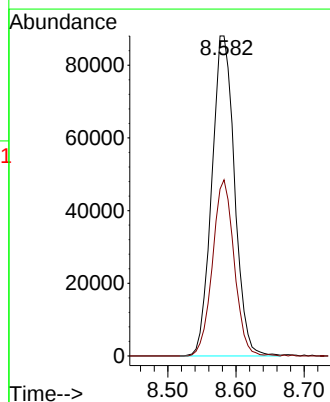
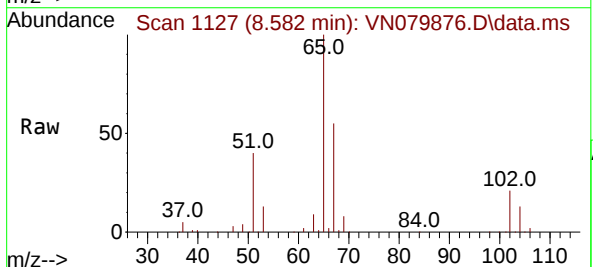
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20231031

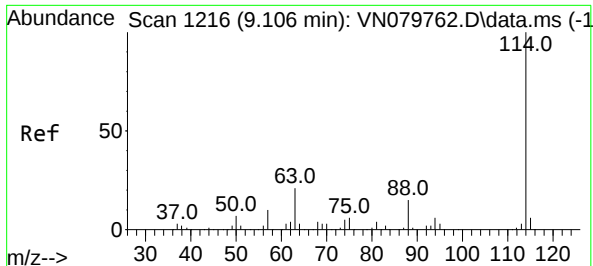
Tgt Ion:168 Resp: 236411
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.824 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

Tgt Ion: 65 Resp: 204670
Ion Ratio Lower Upper
65 100
67 52.4 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: VN079876.D

Acq: 04 Nov 2023 04:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-9-20231031

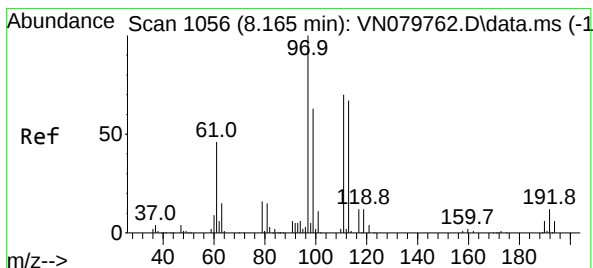
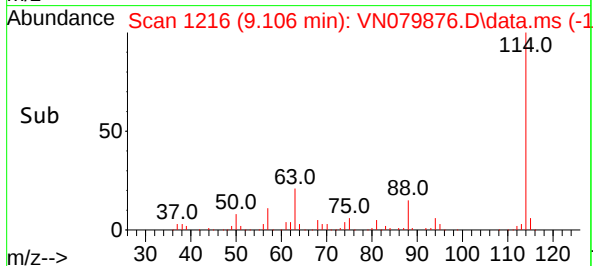
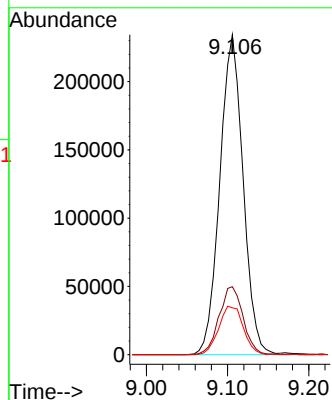
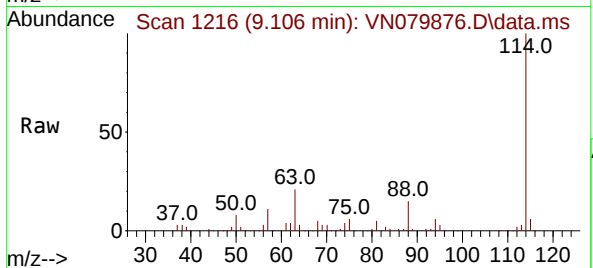
Tgt Ion:114 Resp: 467150

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.170 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079876.D

Acq: 04 Nov 2023 04:45

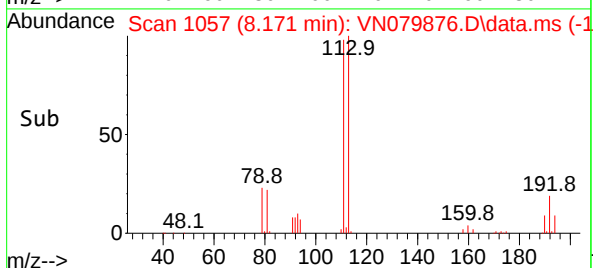
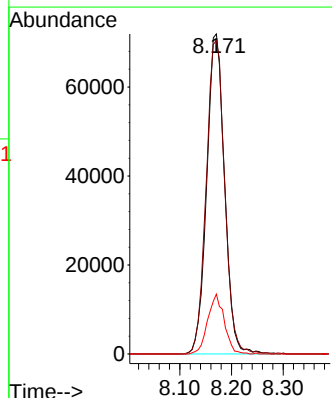
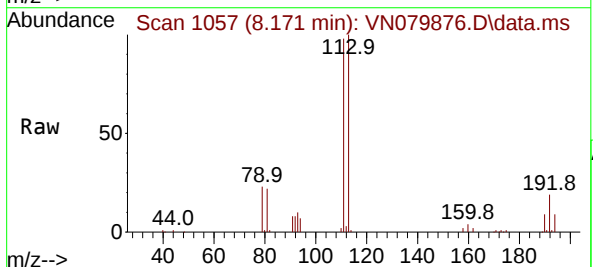
Tgt Ion:113 Resp: 172489

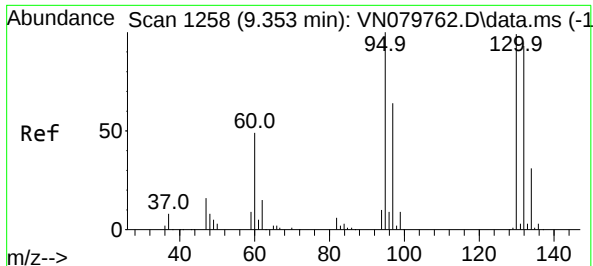
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 17.3 12.7 19.1





#44

Trichloroethene

Concen: 0.474 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079876.D

Acq: 04 Nov 2023 04:45

Instrument :

MSVOA_N

ClientSampleId :

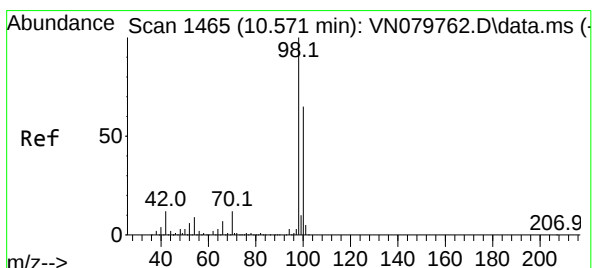
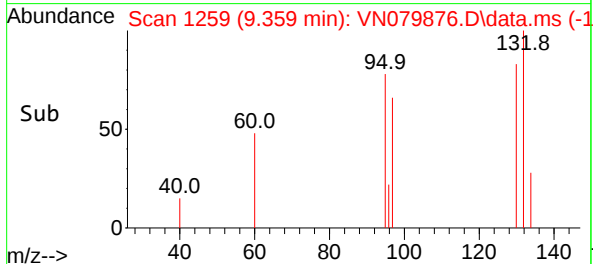
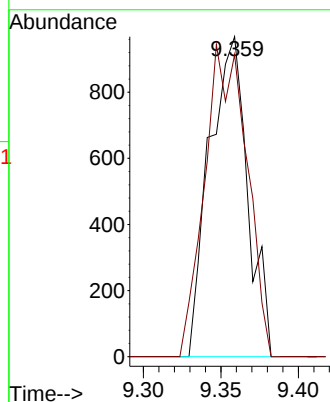
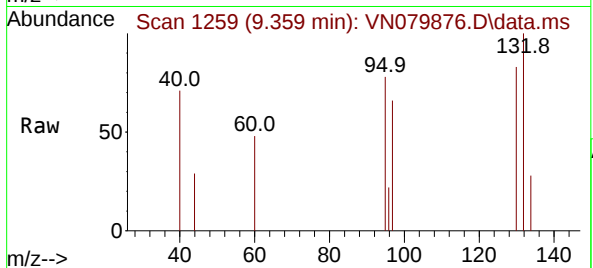
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Tgt Ion:130 Resp: 1663

Ion Ratio Lower Upper

130 100

95 94.4 0.0 204.6



#50

Toluene-d8

Concen: 47.783 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079876.D

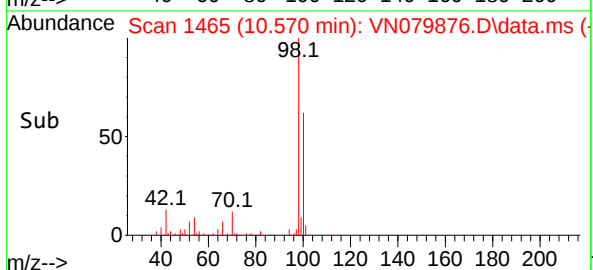
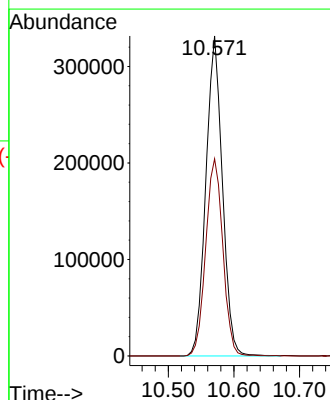
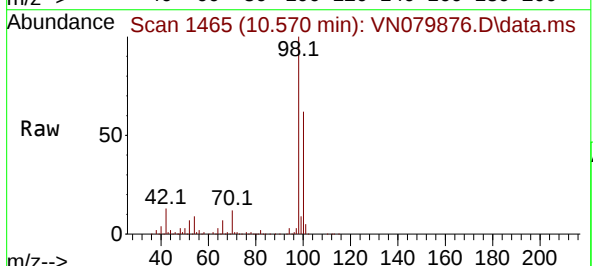
Acq: 04 Nov 2023 04:45

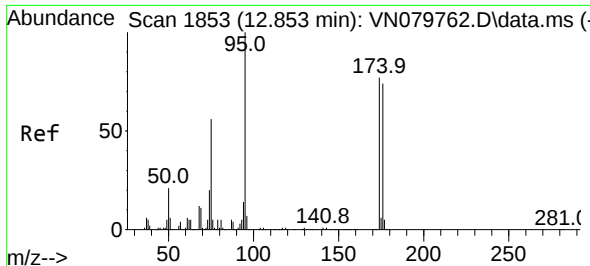
Tgt Ion: 98 Resp: 581601

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

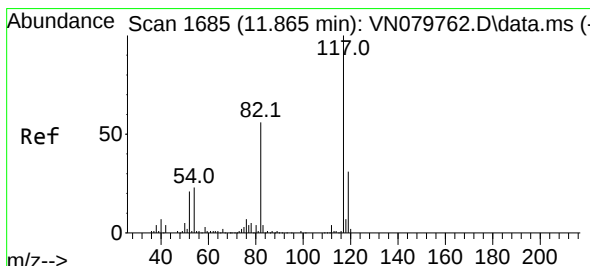
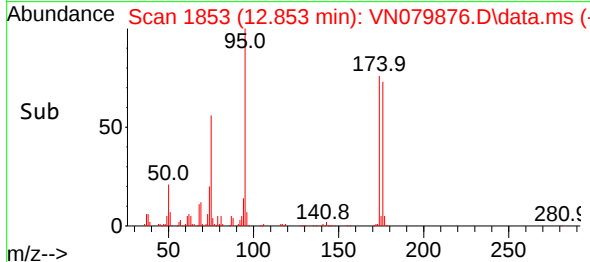
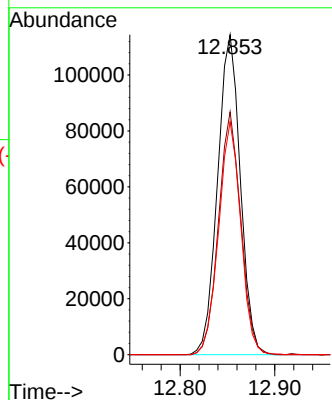
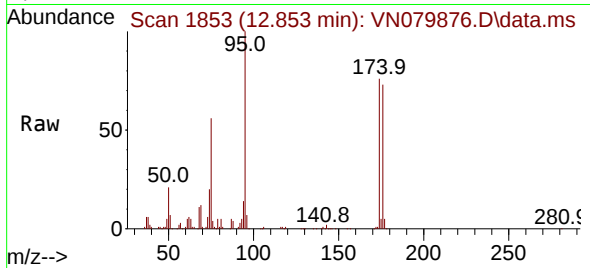




#62
4-Bromofluorobenzene
Concen: 47.374 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

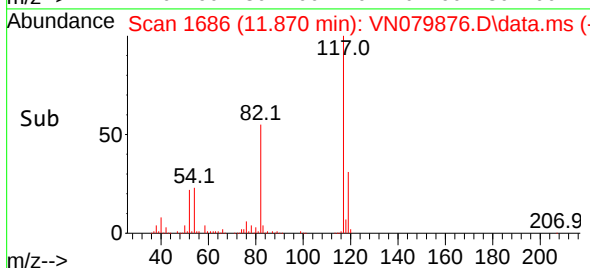
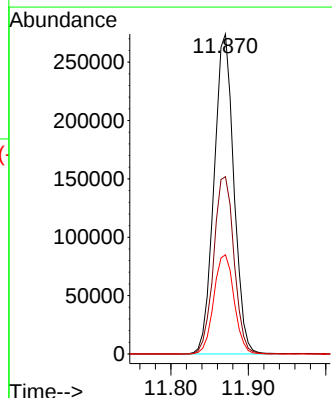
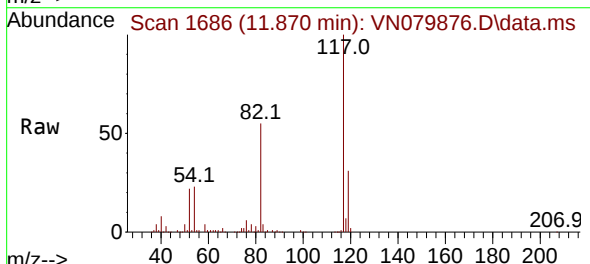
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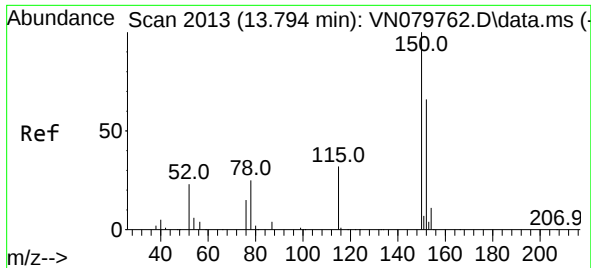
Tgt Ion: 95 Resp: 191235
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079876.D
Acq: 04 Nov 2023 04:45

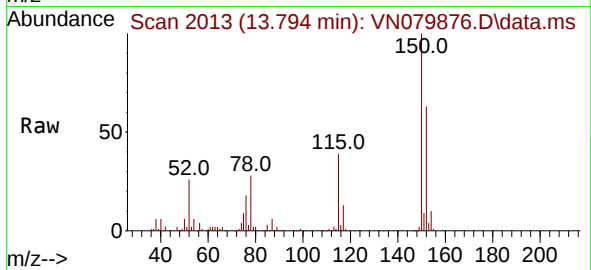
Tgt Ion: 117 Resp: 486493
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079876.D
 Acq: 04 Nov 2023 04:45

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-9-20231031



Tgt Ion:152 Resp: 184951
 Ion Ratio Lower Upper
 152 100
 115 60.6 32.3 96.8
 150 157.4 0.0 355.8

