

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079903.D
 Acq On : 04 Nov 2023 19:16
 Operator : JC\MD
 Sample : 05223-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-25-20231031DL

Quant Time: Nov 06 02:18:24 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)

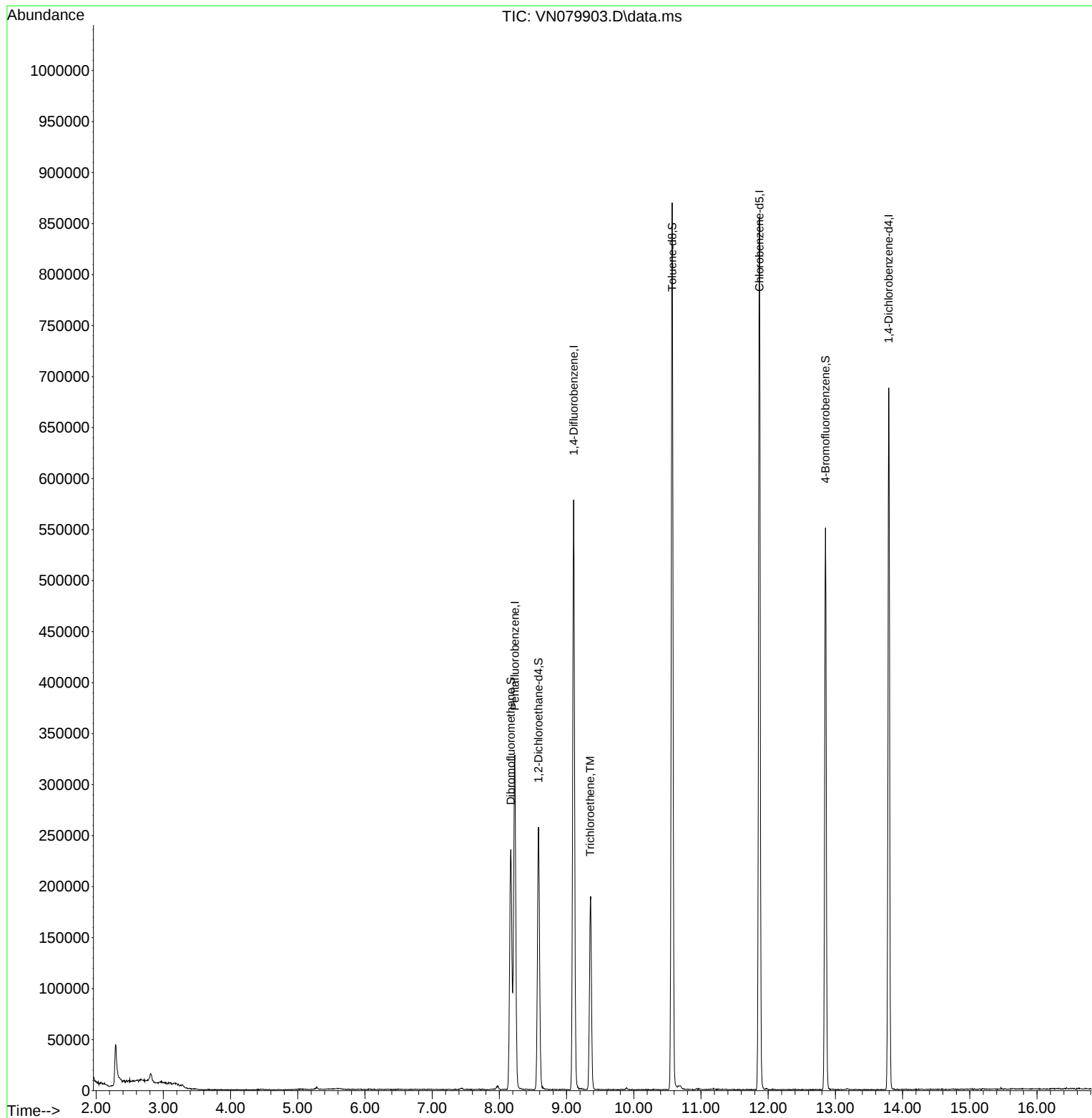
Internal Standards						
1) Pentafluorobenzene	8.230	168	230641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206408	58.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.480%
35) Dibromofluoromethane	8.171	113	170902	51.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	10.571	98	580253	47.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.853	95	186358	46.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	64968	18.496	ug/l	100

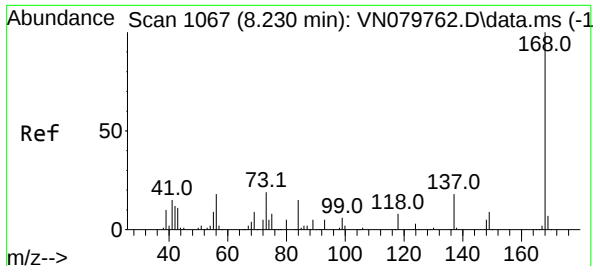
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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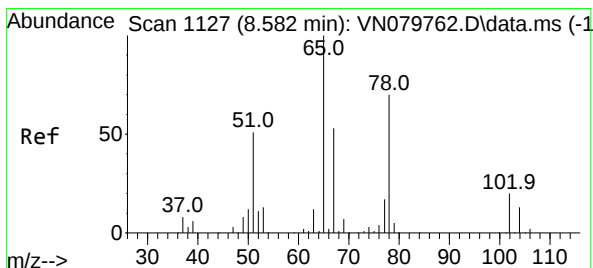
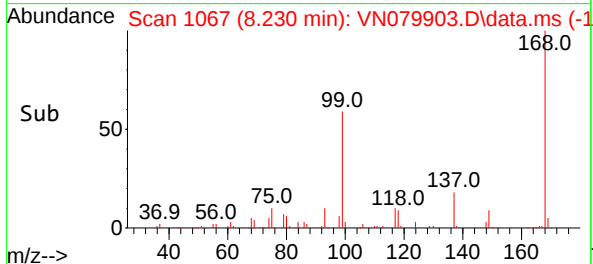
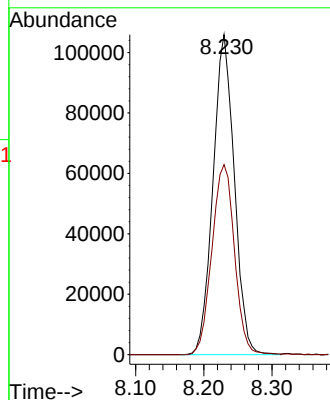
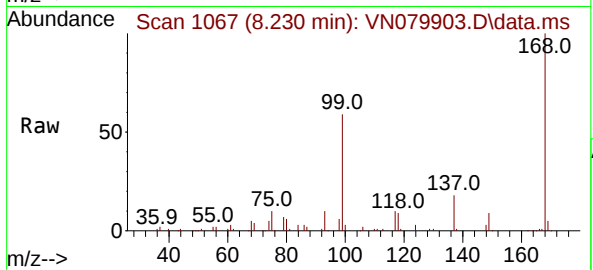




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

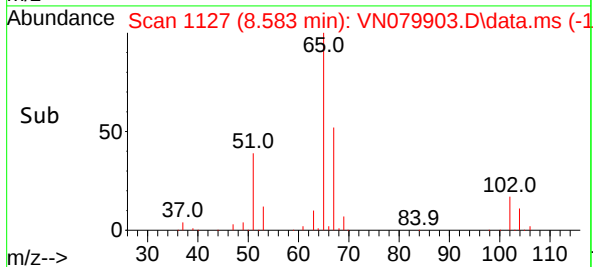
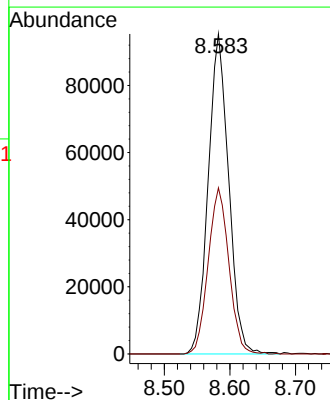
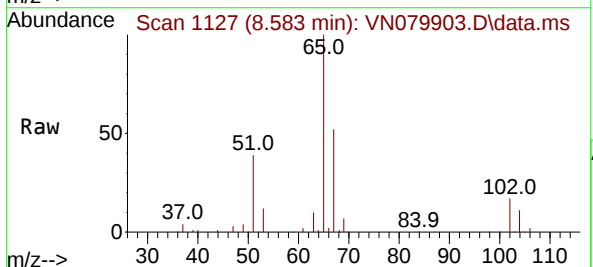
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

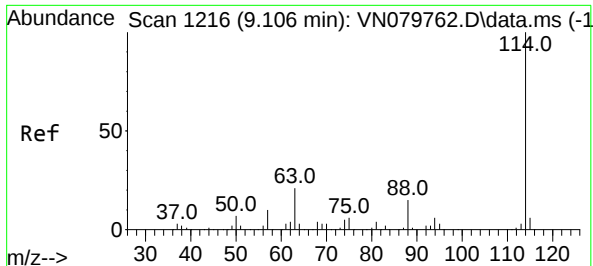
Tgt Ion:168 Resp: 230641
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.741 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 65 Resp: 206408
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# 11

Delta R.T. 0.000 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-25-20231031DL

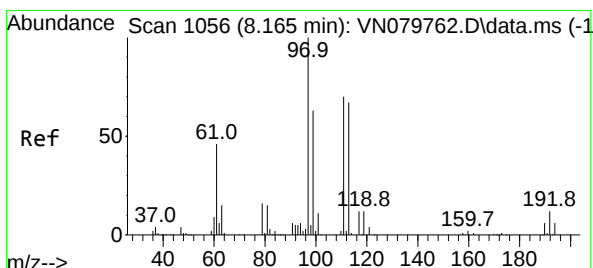
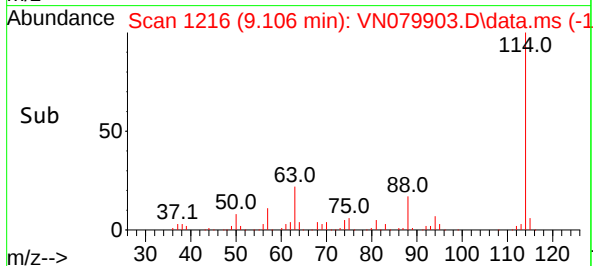
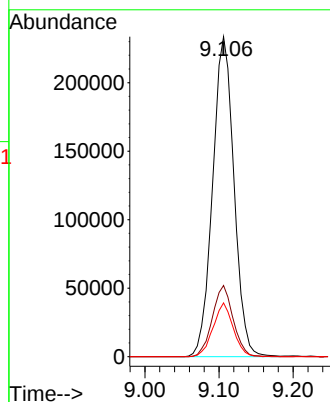
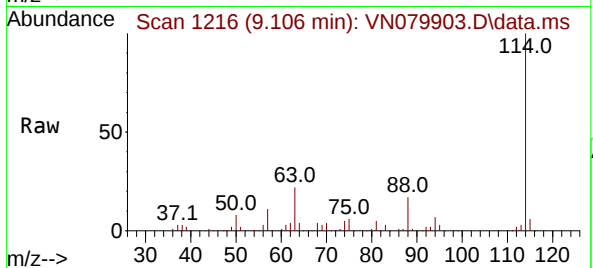
Tgt Ion:114 Resp: 467678

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.631 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

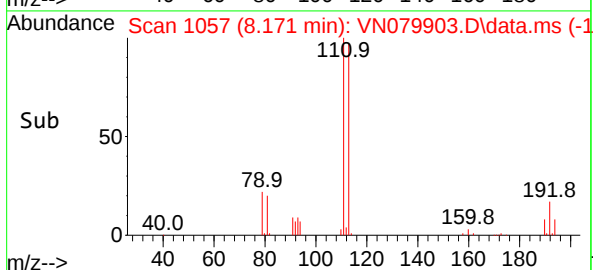
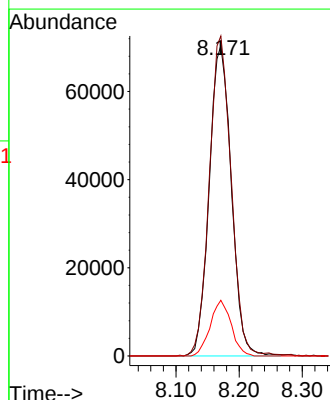
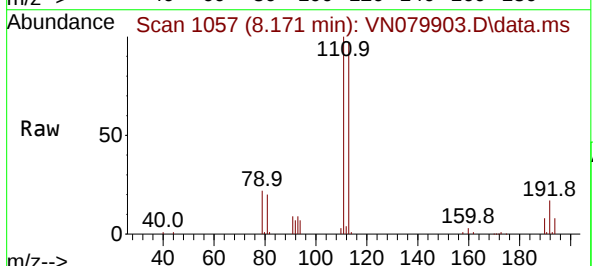
Tgt Ion:113 Resp: 170902

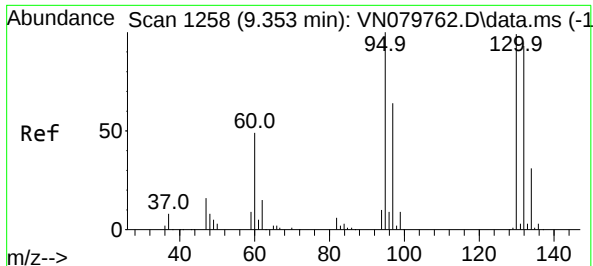
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.1 12.7 19.1

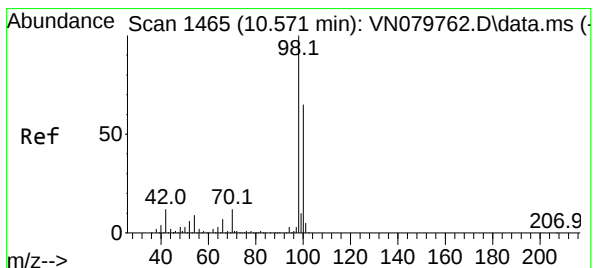
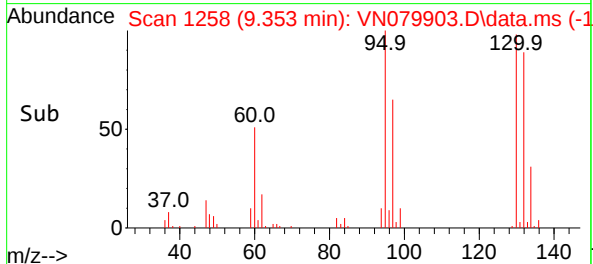
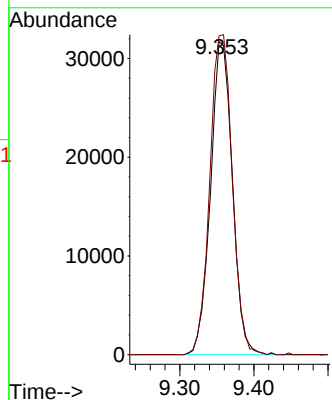
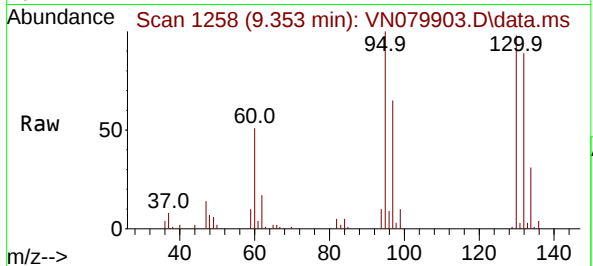




#44
Trichloroethene
Concen: 18.496 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

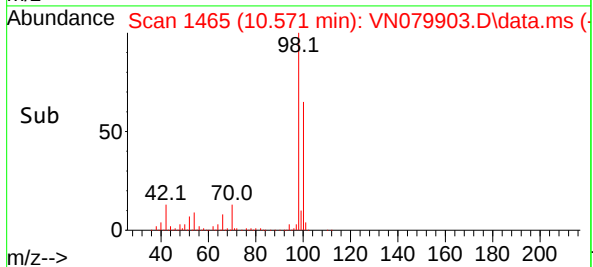
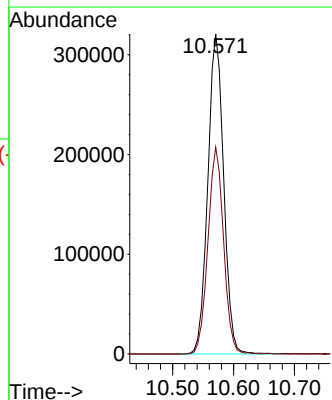
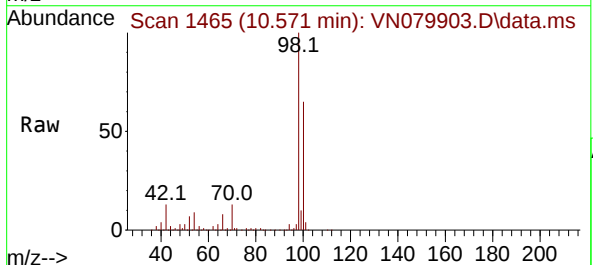
Instrument :
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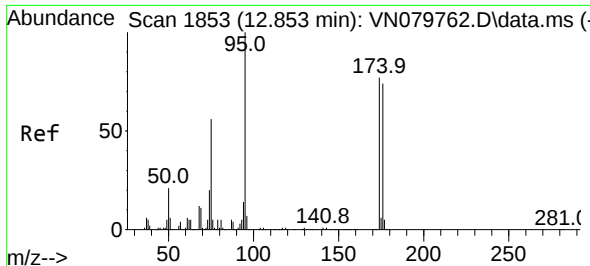
Tgt Ion:130 Resp: 64968
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6



#50
Toluene-d8
Concen: 47.619 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 98 Resp: 580253
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

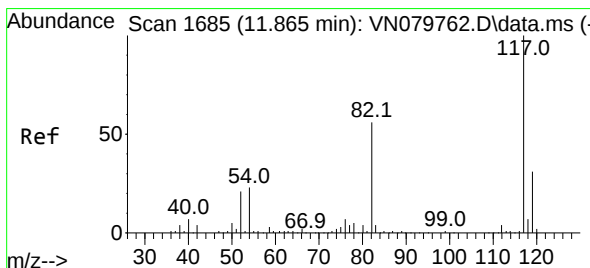
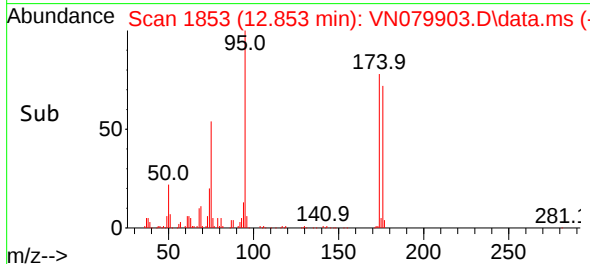
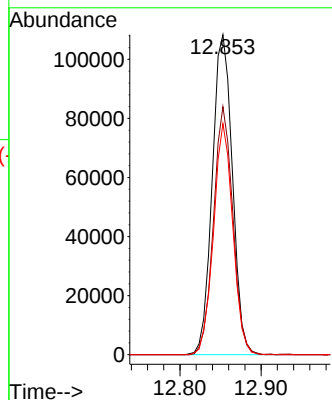
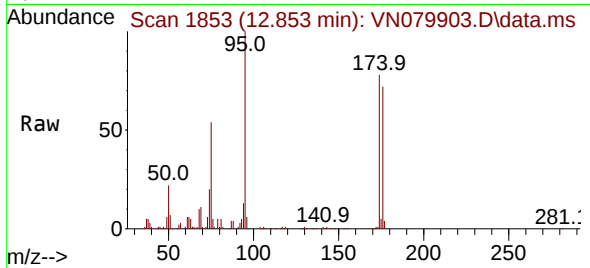




#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

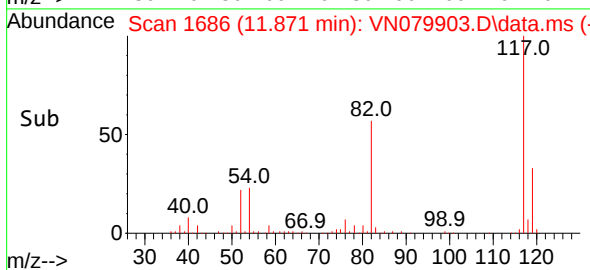
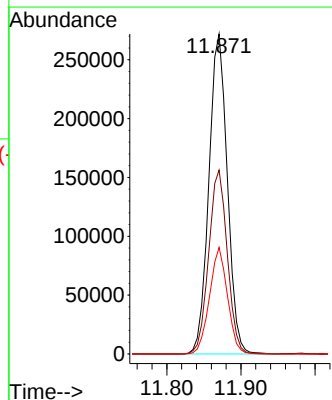
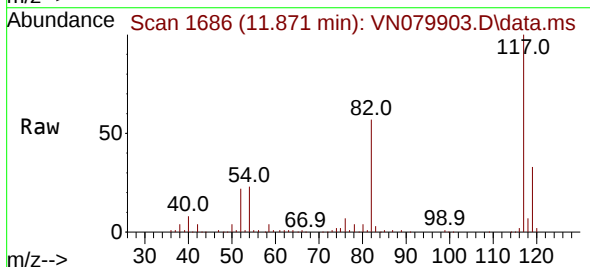
Instrument :
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ClientSampleId :
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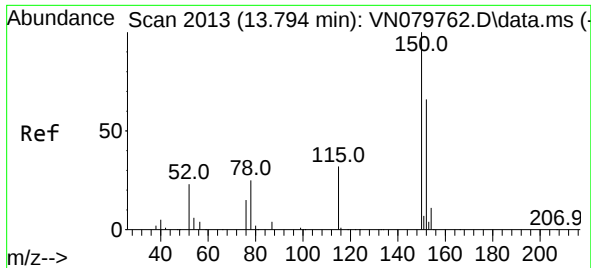
Tgt Ion: 95 Resp: 186358
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 69.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

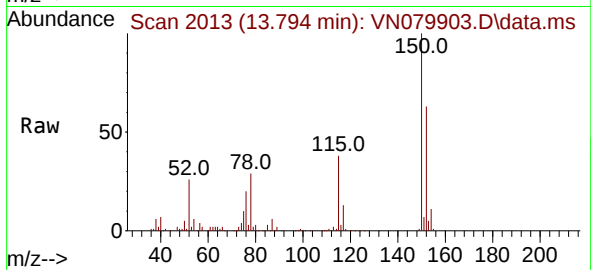
Tgt Ion: 117 Resp: 469962
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 33.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079903.D
 Acq: 04 Nov 2023 19:16

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-25-20231031DL



Tgt Ion:152 Resp: 174793
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 160.7 0.0 355.8

