

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079896.D
 Acq On : 04 Nov 2023 16:29
 Operator : JC\MD
 Sample : 05222-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-28-20231101DL

Quant Time: Nov 06 02:15:48 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)

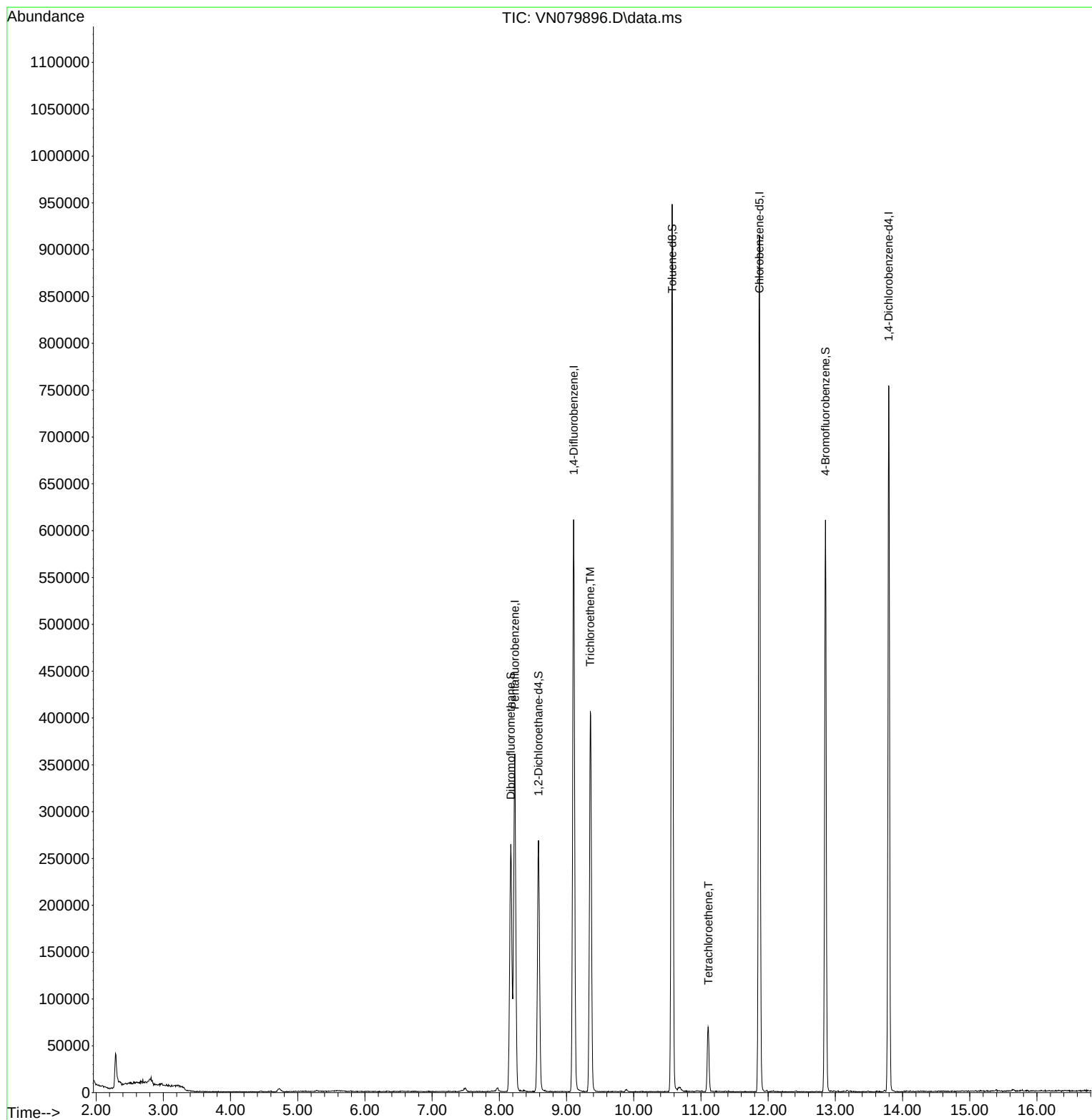
Internal Standards						
1) Pentafluorobenzene	8.230	168	247301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	497602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215833	57.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.560%
35) Dibromofluoromethane	8.171	113	180423	51.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.460%
50) Toluene-d8	10.571	98	625481	48.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.853	95	205289	47.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
44) Trichloroethene	9.353	130	143365	38.360	ug/l	100
64) Tetrachloroethene	11.112	164	15863	4.825	ug/l #	81

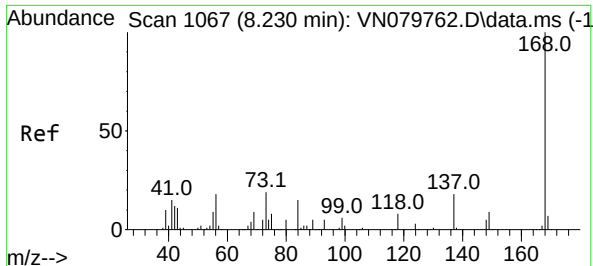
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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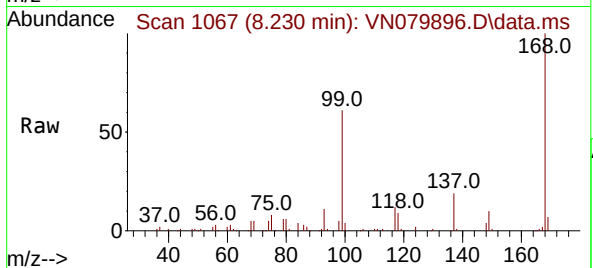
Quant Time: Nov 06 02:15:48 2023
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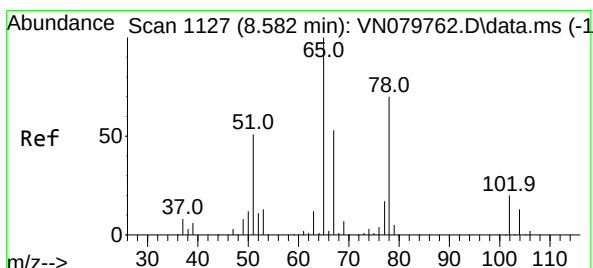
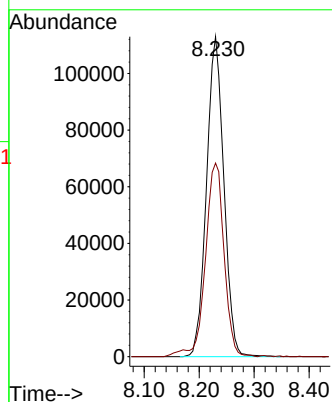
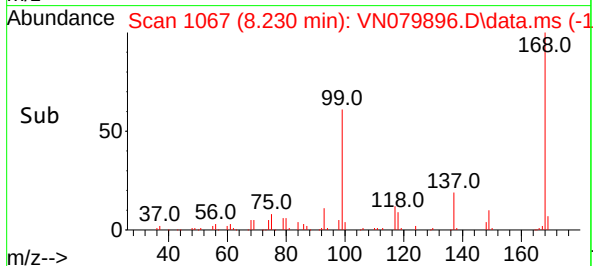


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079896.D
Acq: 04 Nov 2023 16:29

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-28-20231101DL

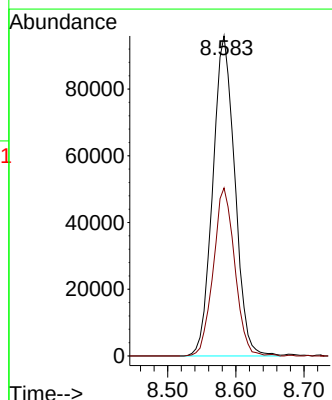
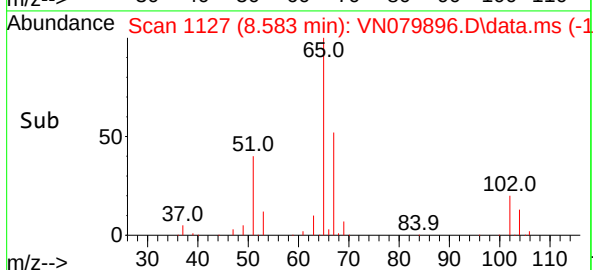
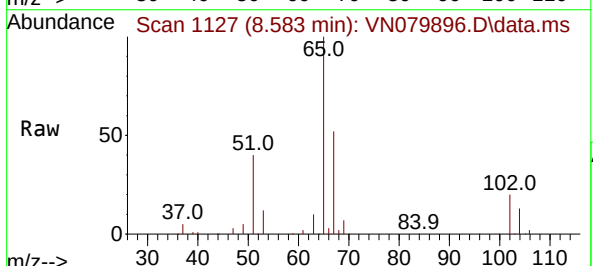


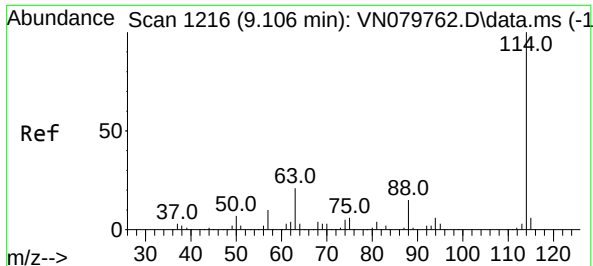
Tgt Ion:168 Resp: 247301
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.285 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079896.D
Acq: 04 Nov 2023 16:29

Tgt Ion: 65 Resp: 215833
Ion Ratio Lower Upper
65 100
67 51.1 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: VN079896.D

Acq: 04 Nov 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-28-20231101DL

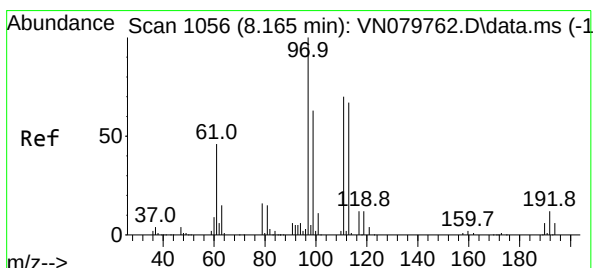
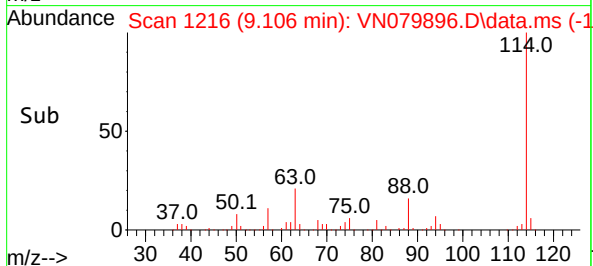
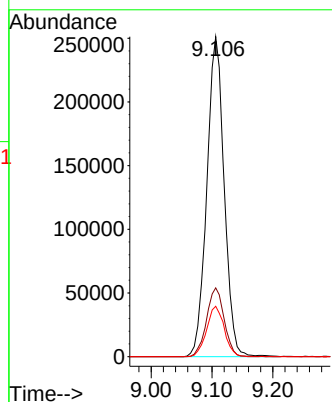
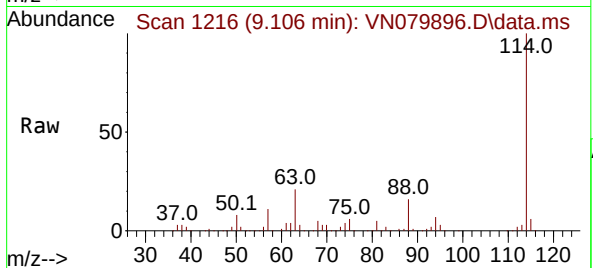
Tgt Ion:114 Resp: 497602

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.230 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079896.D

Acq: 04 Nov 2023 16:29

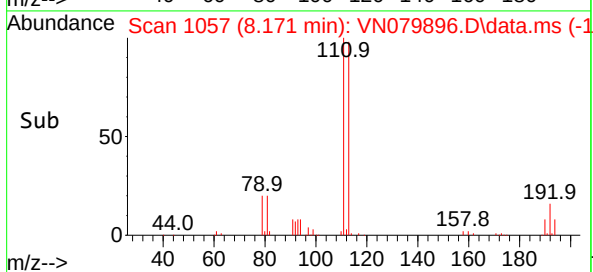
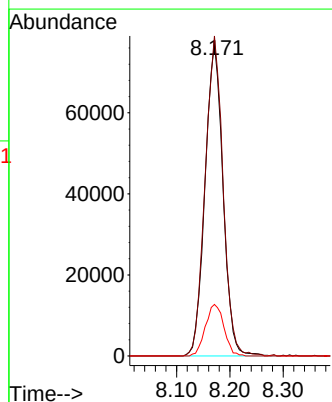
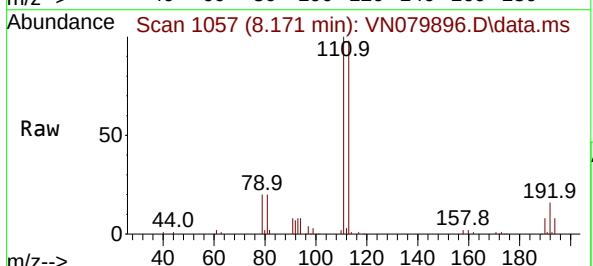
Tgt Ion:113 Resp: 180423

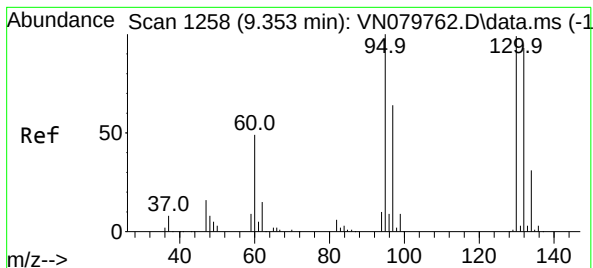
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.1 12.7 19.1





#44

Trichloroethene

Concen: 38.360 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079896.D

Acq: 04 Nov 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

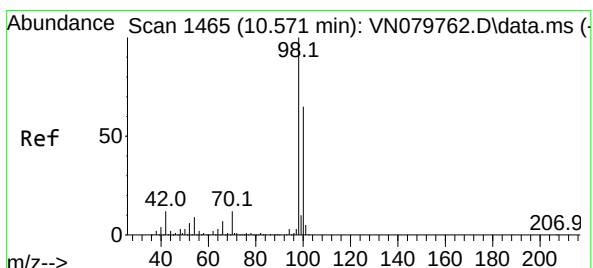
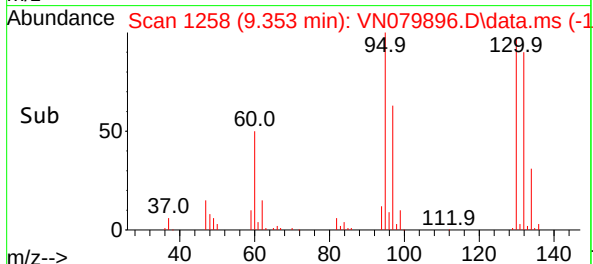
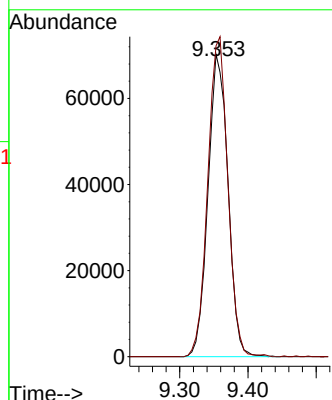
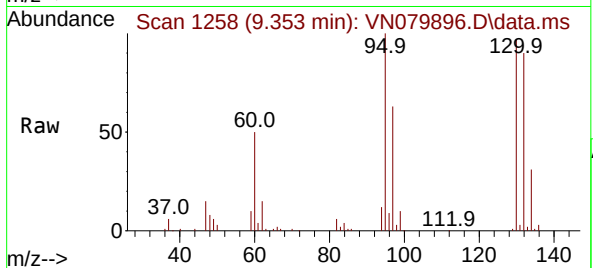
FSND-MW-28-20231101DL

Tgt Ion:130 Resp: 143365

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.6



#50

Toluene-d8

Concen: 48.243 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079896.D

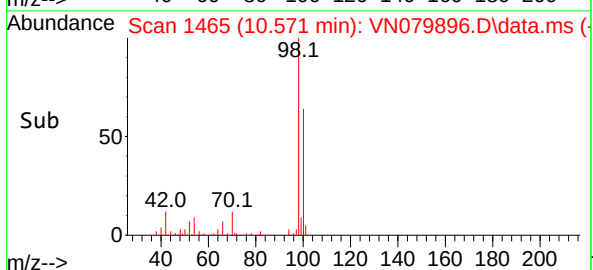
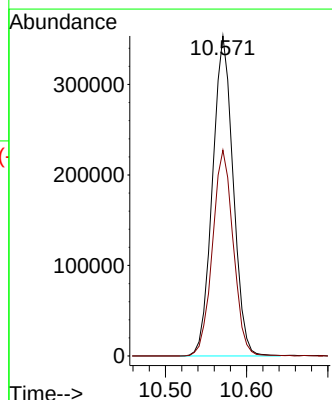
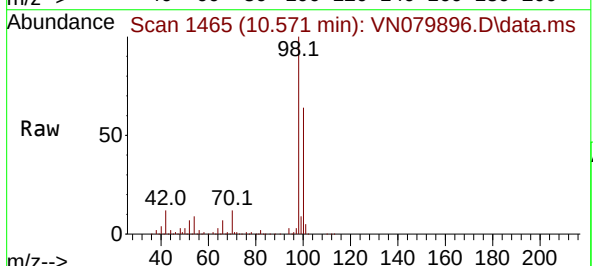
Acq: 04 Nov 2023 16:29

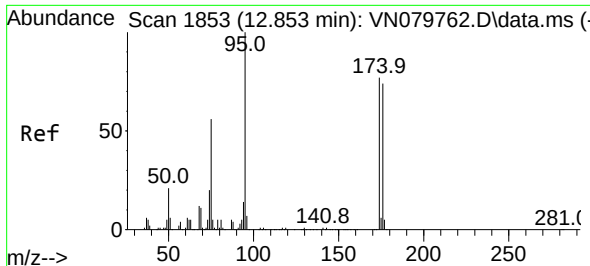
Tgt Ion: 98 Resp: 625481

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

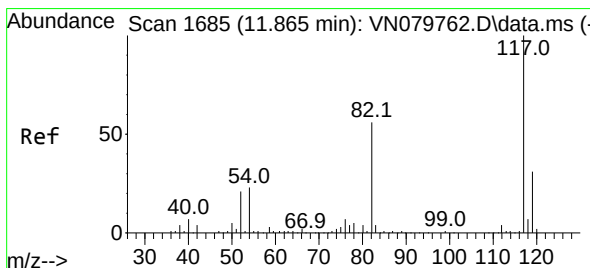
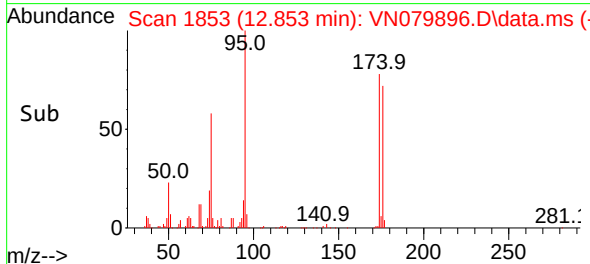
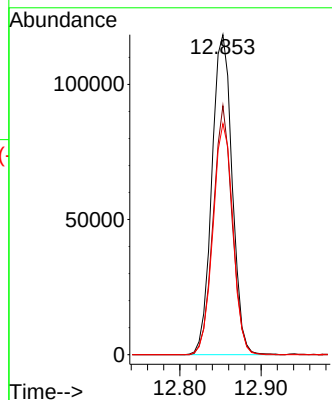
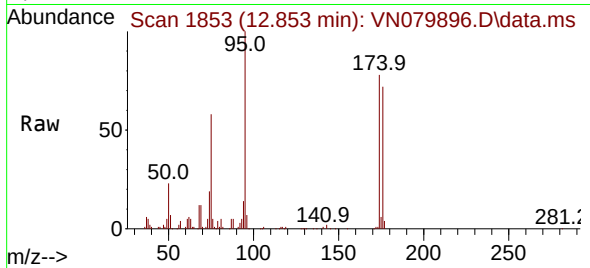




#62
4-Bromofluorobenzene
Concen: 47.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079896.D
Acq: 04 Nov 2023 16:29

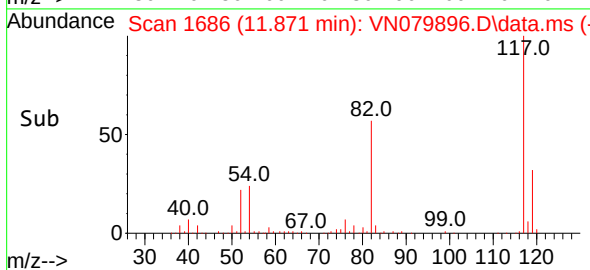
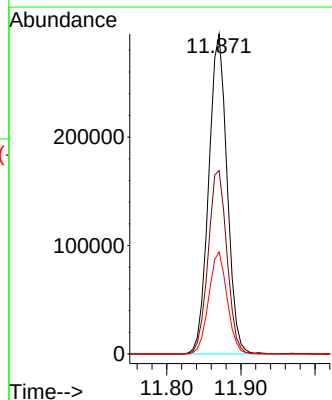
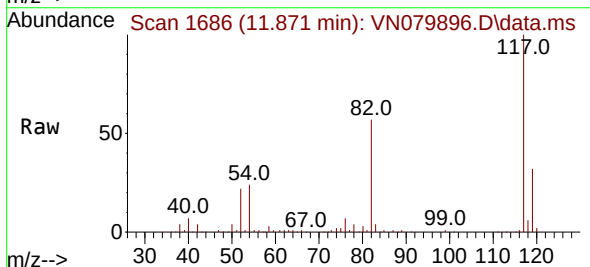
Instrument :
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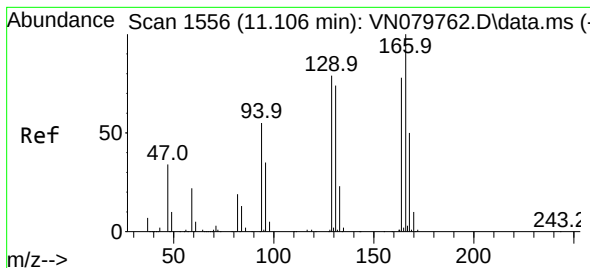
Tgt Ion: 95 Resp: 205289
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079896.D
Acq: 04 Nov 2023 16:29

Tgt Ion: 117 Resp: 507615
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 31.9 25.6 38.4





#64

Tetrachloroethene

Concen: 4.825 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079896.D

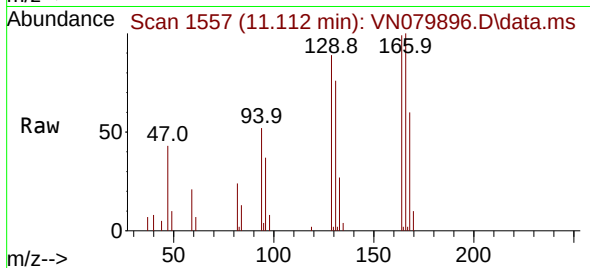
Acq: 04 Nov 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-28-20231101DL



Tgt Ion:164 Resp: 15863

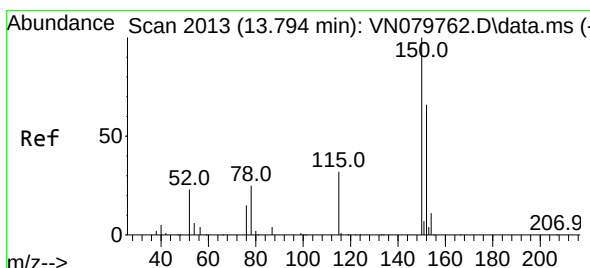
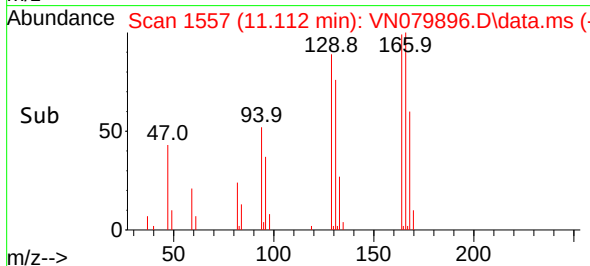
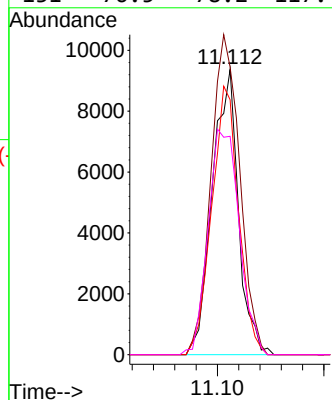
Ion Ratio Lower Upper

164 100

166 100.8 101.4 152.0#

129 89.3 82.4 123.6

131 76.5 78.2 117.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079896.D

Acq: 04 Nov 2023 16:29

Tgt Ion:152 Resp: 188740

Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 158.4 0.0 355.8

