

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079897.D
 Acq On : 04 Nov 2023 16:53
 Operator : JC\MD
 Sample : 05222-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02S-20231101DL

Quant Time: Nov 06 02:16:14 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)

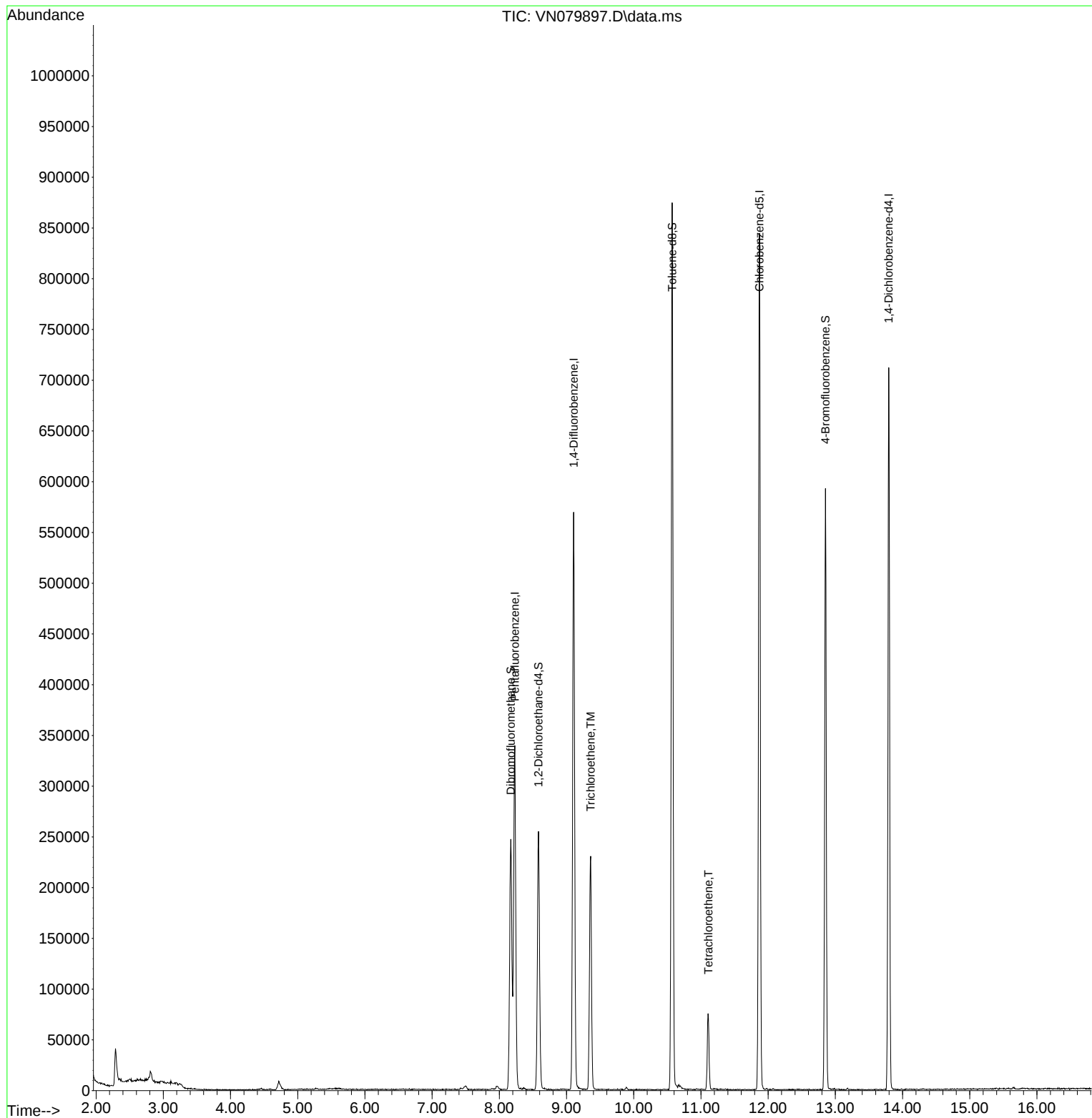
Internal Standards						
1) Pentafluorobenzene	8.230	168	228619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	475496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205311	58.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.900%
35) Dibromofluoromethane	8.171	113	169009	51.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	10.571	98	579526	47.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.853	95	190976	47.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.220%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	80408	23.065	ug/l	96
64) Tetrachloroethene	11.112	164	16626	5.399	ug/l	93

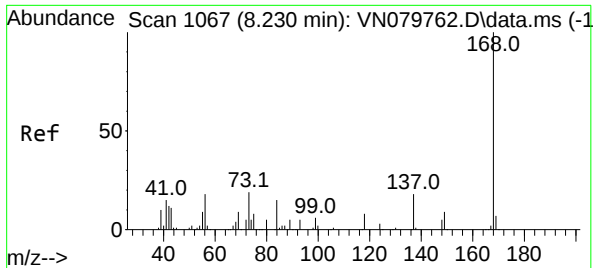
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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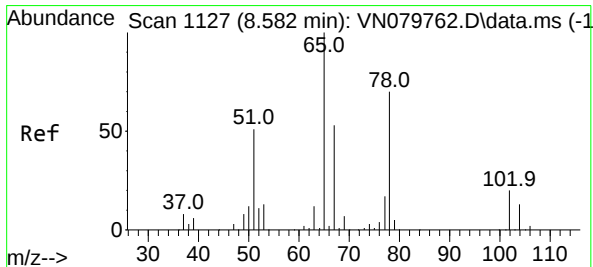
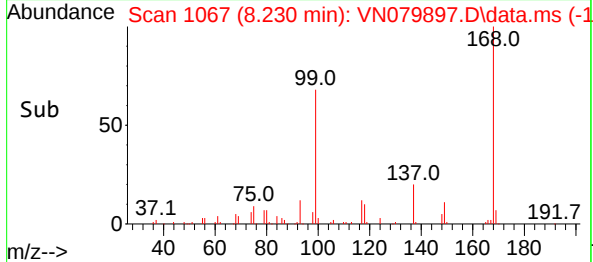
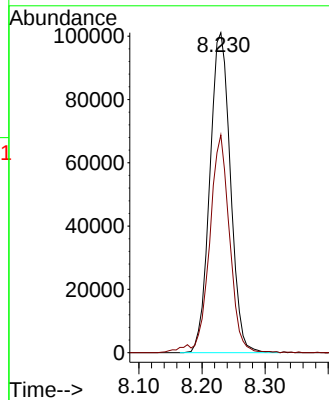
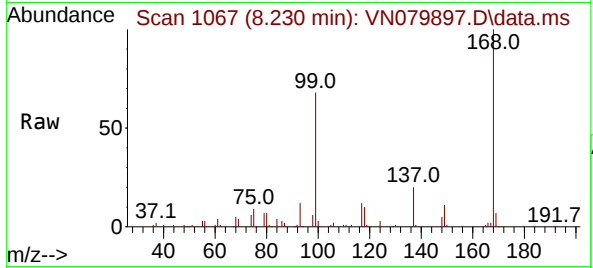




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079897.D
Acq: 04 Nov 2023 16:53

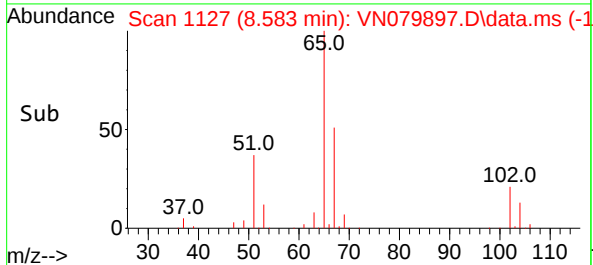
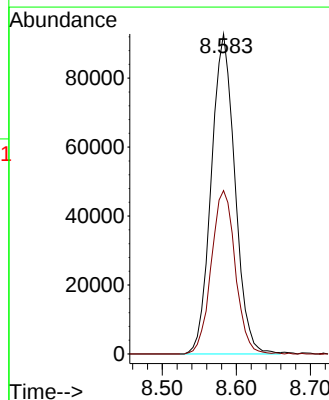
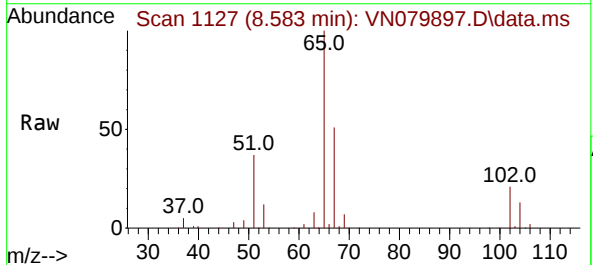
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101DL

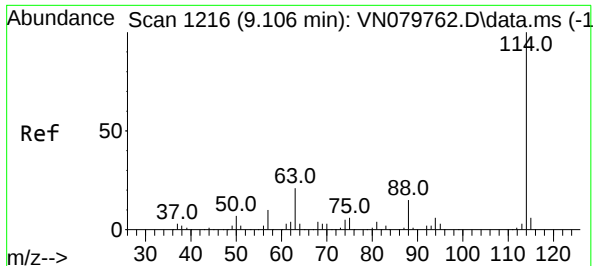
Tgt Ion:168 Resp: 228619
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.945 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079897.D
Acq: 04 Nov 2023 16:53

Tgt Ion: 65 Resp: 205311
Ion Ratio Lower Upper
65 100
67 51.9 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: VN079897.D

Acq: 04 Nov 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02S-20231101DL

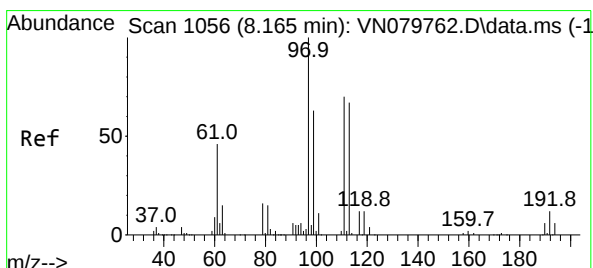
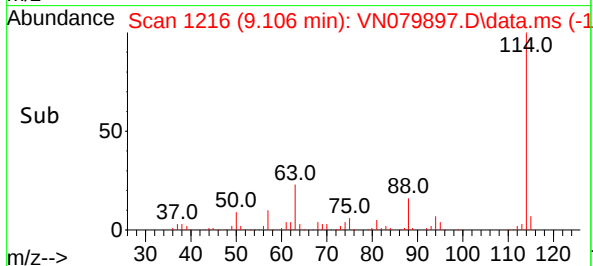
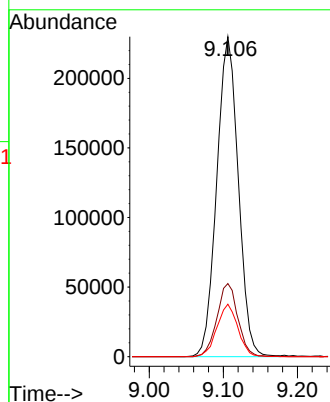
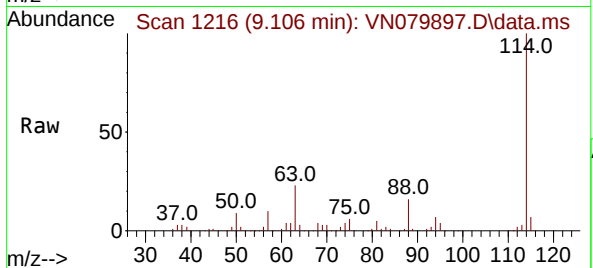
Tgt Ion:114 Resp: 464160

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.447 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079897.D

Acq: 04 Nov 2023 16:53

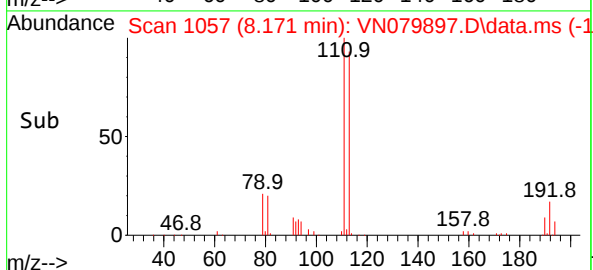
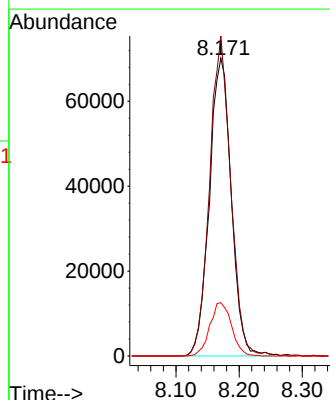
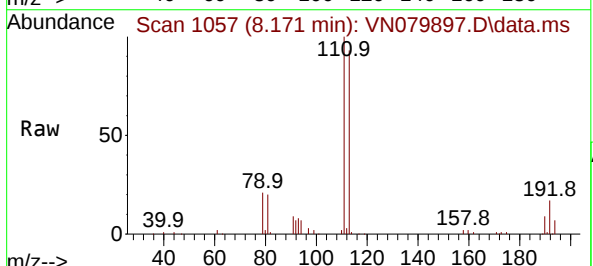
Tgt Ion:113 Resp: 169009

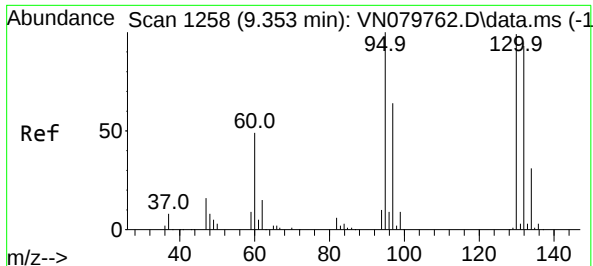
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.7 12.7 19.1





#44

Trichloroethene

Concen: 23.065 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079897.D

Acq: 04 Nov 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

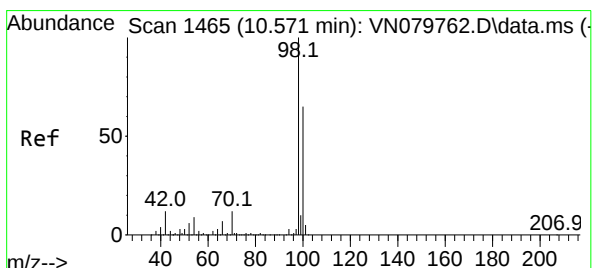
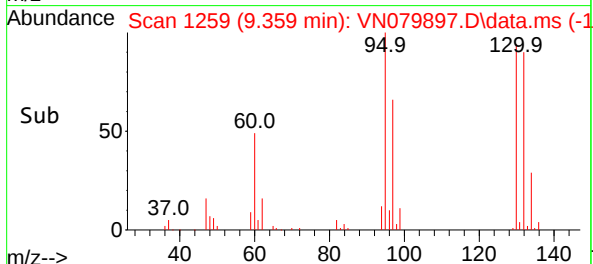
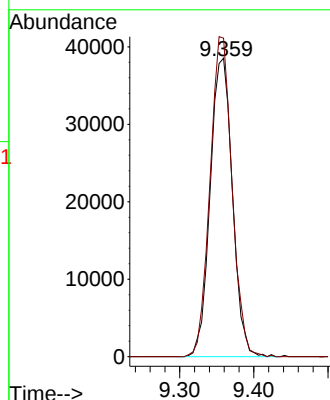
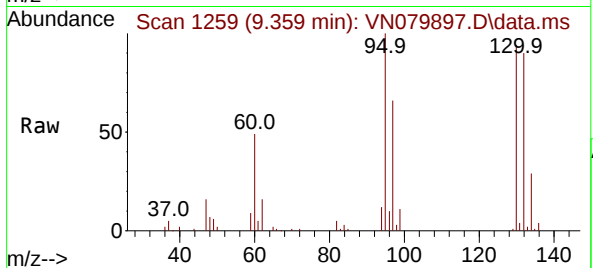
FSND-MW-EVAL-02S-20231101DL

Tgt Ion:130 Resp: 80408

Ion Ratio Lower Upper

130 100

95 106.7 0.0 204.6



#50

Toluene-d8

Concen: 47.919 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079897.D

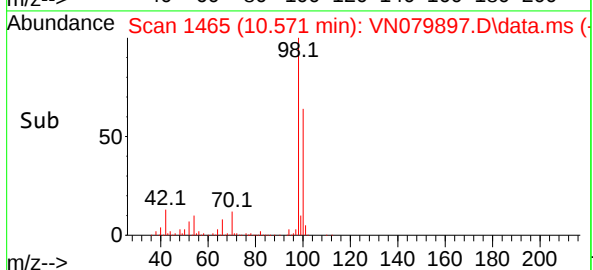
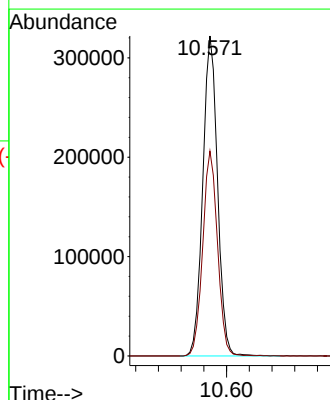
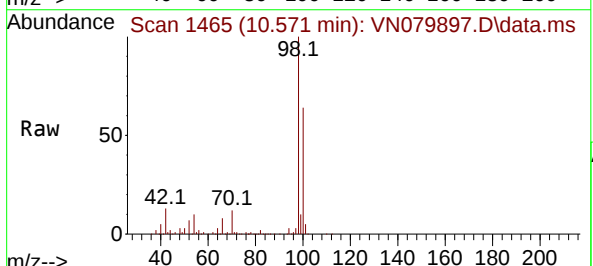
Acq: 04 Nov 2023 16:53

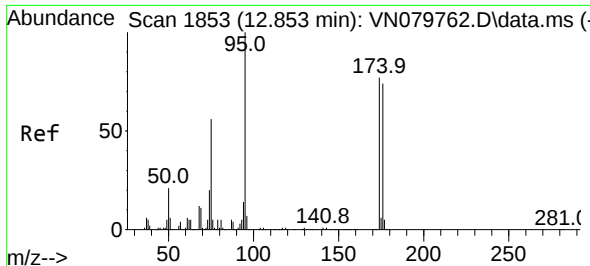
Tgt Ion: 98 Resp: 579526

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

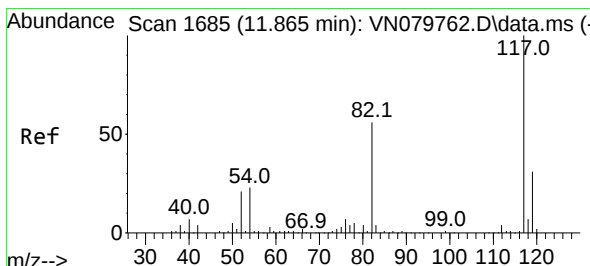
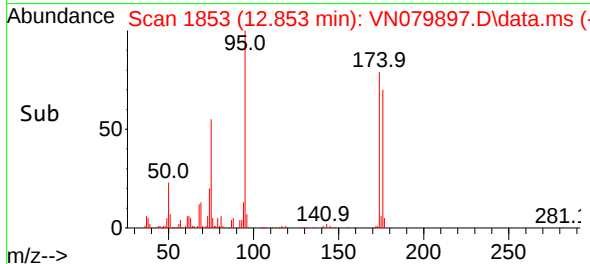
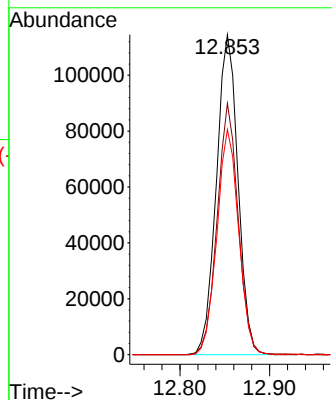
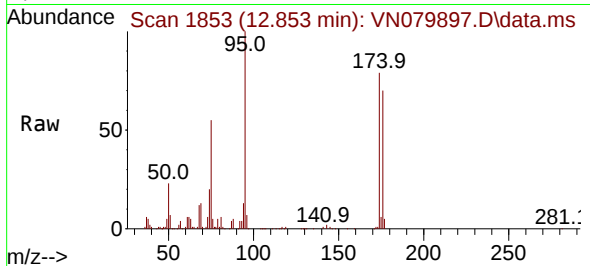




#62
4-Bromofluorobenzene
Concen: 47.614 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079897.D
Acq: 04 Nov 2023 16:53

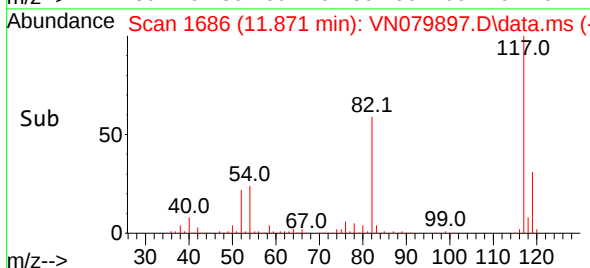
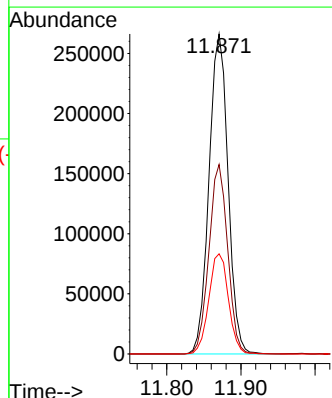
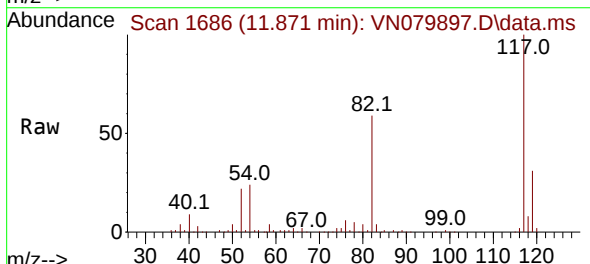
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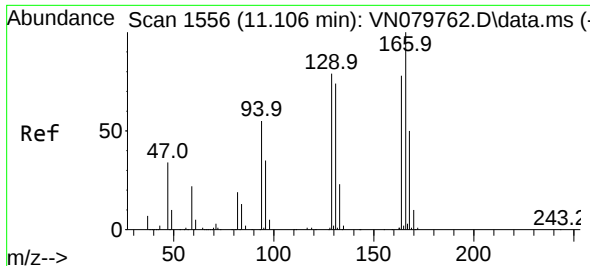
Tgt Ion: 95 Resp: 190976
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 70.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079897.D
Acq: 04 Nov 2023 16:53

Tgt Ion: 117 Resp: 475496
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.3 25.6 38.4

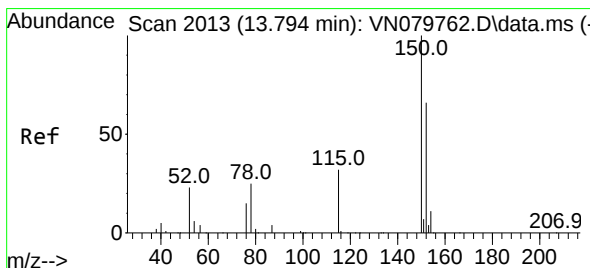
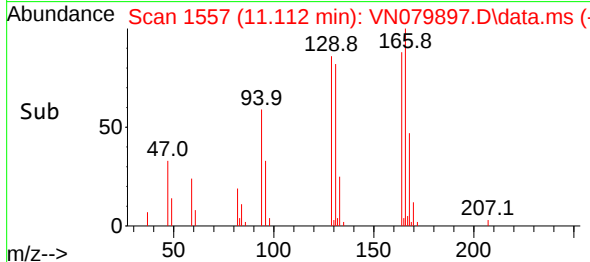
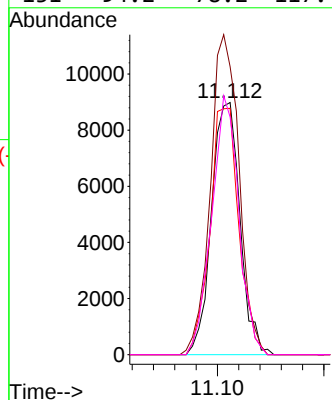
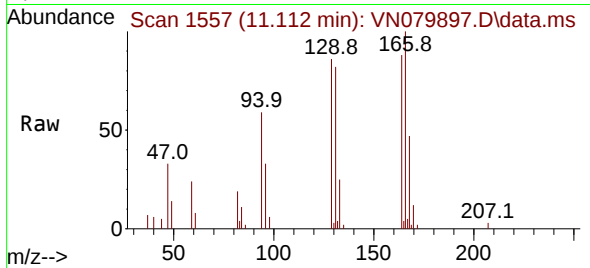




#64
Tetrachloroethene
Concen: 5.399 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079897.D
Acq: 04 Nov 2023 16:53

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101DL

Tgt Ion:	164	Resp:	16626
Ion	Ratio	Lower	Upper
164	100		
166	114.2	101.4	152.0
129	97.7	82.4	123.6
131	94.2	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: VN079897.D
Acq: 04 Nov 2023 16:53

Tgt Ion:	152	Resp:	181834
Ion	Ratio	Lower	Upper
152	100		
115	62.4	32.3	96.8
150	157.1	0.0	355.8

