

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079879.D
 Acq On : 04 Nov 2023 05:56
 Operator : JC\MD
 Sample : 05223-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-B-3-20231031

Quant Time: Nov 04 06:44:48 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)

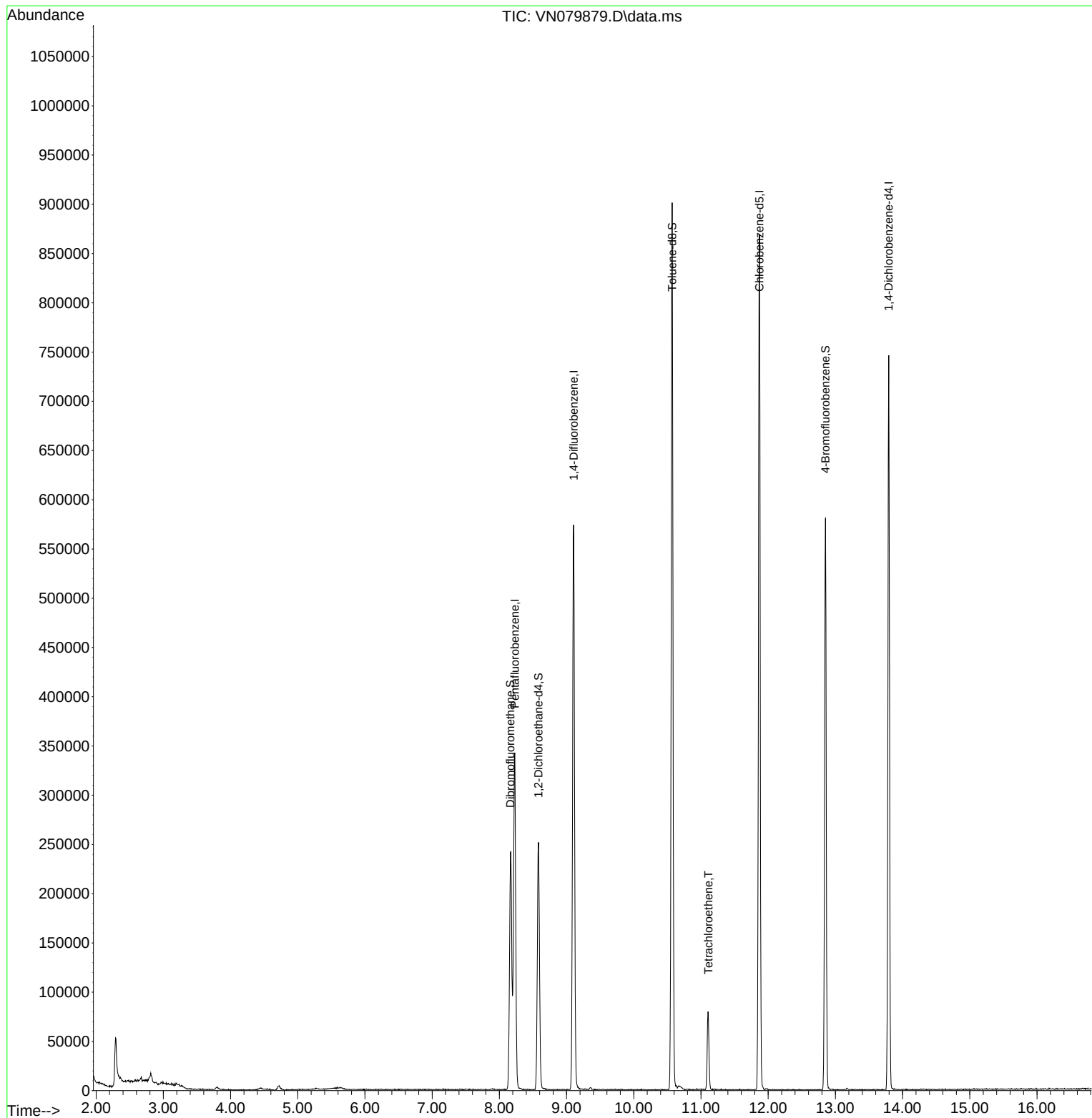
Internal Standards						
1) Pentafluorobenzene	8.230	168	237796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	476174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208834	57.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.280%
35) Dibromofluoromethane	8.165	113	173826	51.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.571	98	592012	47.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.853	95	193331	46.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.980%
Target Compounds						
64) Tetrachloroethene	11.112	164	16911	5.292	ug/l	Qvalue # 82

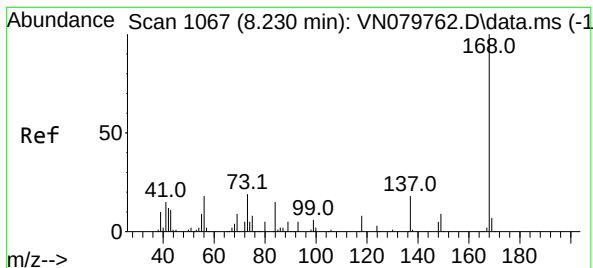
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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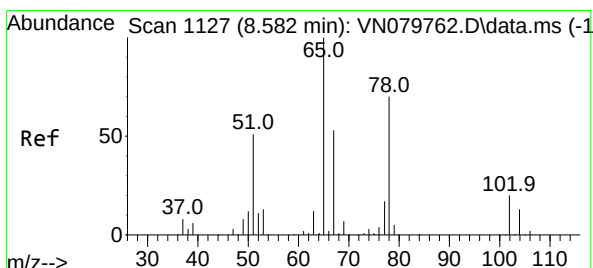
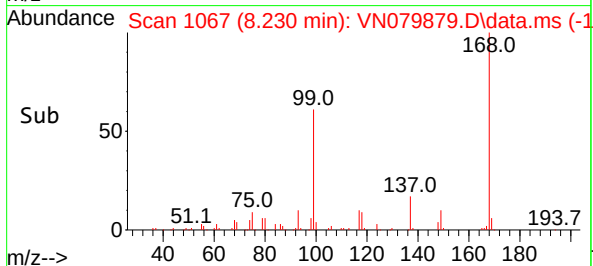
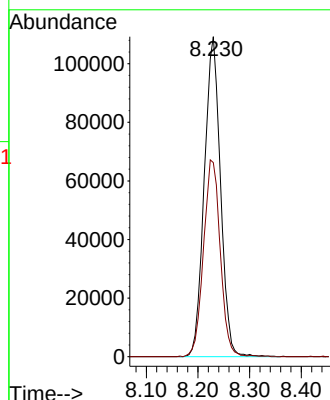
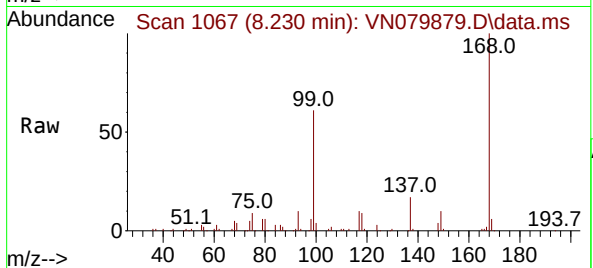




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

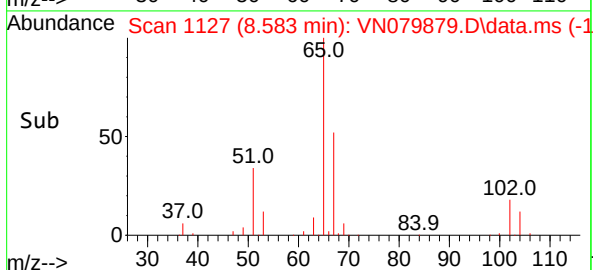
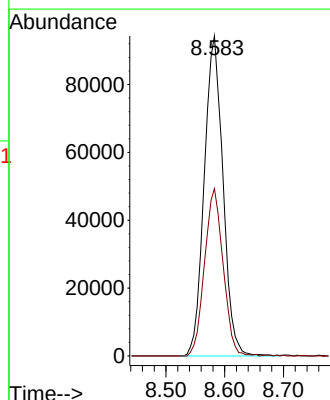
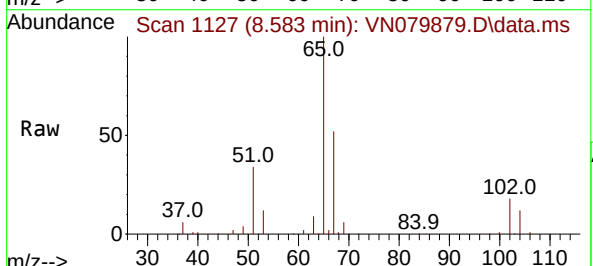
Instrument :
MSVOA_N
ClientSampleId :
FSND-B-3-20231031

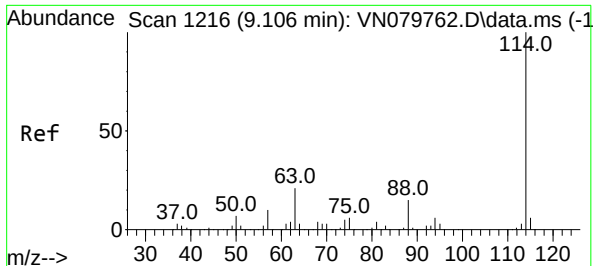
Tgt Ion:168 Resp: 237796
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.643 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

Tgt Ion: 65 Resp: 208834
Ion Ratio Lower Upper
65 100
67 51.7 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: VN079879.D

Acq: 04 Nov 2023 05:56

Instrument :

MSVOA_N

ClientSampleId :

FSND-B-3-20231031

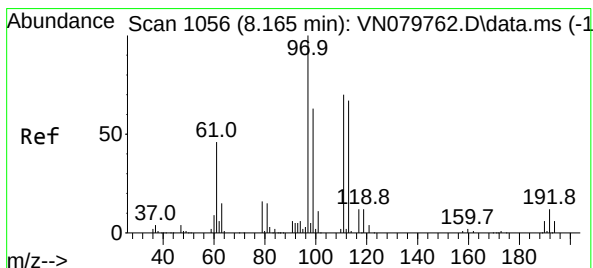
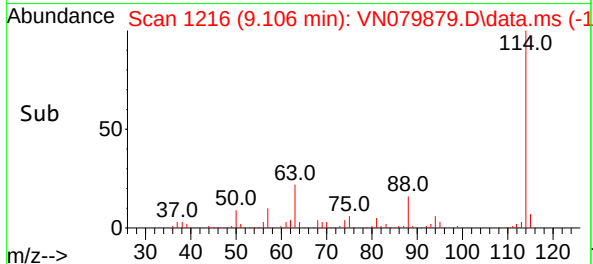
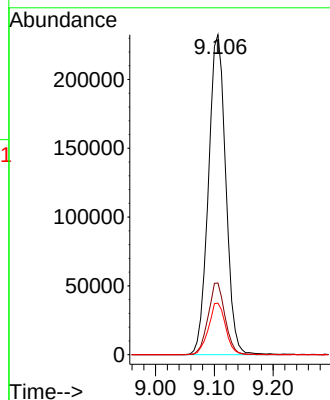
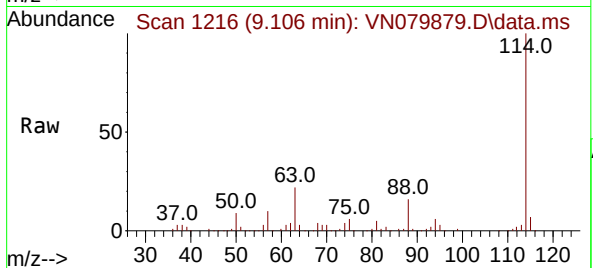
Tgt Ion:114 Resp: 476174

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.578 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079879.D

Acq: 04 Nov 2023 05:56

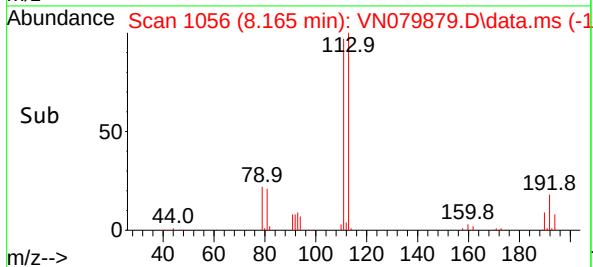
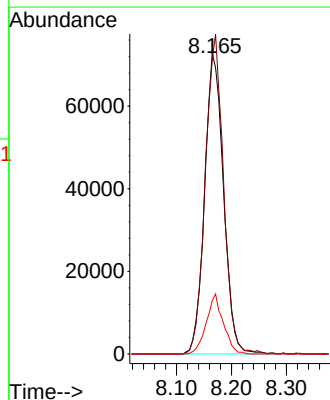
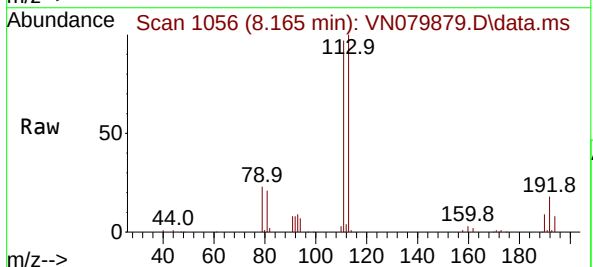
Tgt Ion:113 Resp: 173826

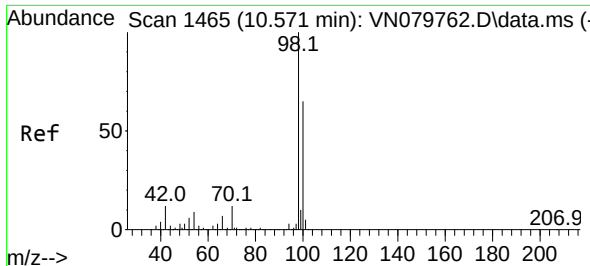
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.9 12.7 19.1

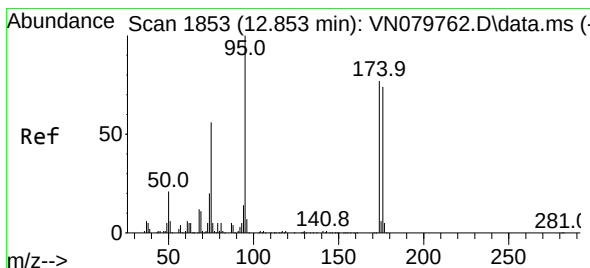
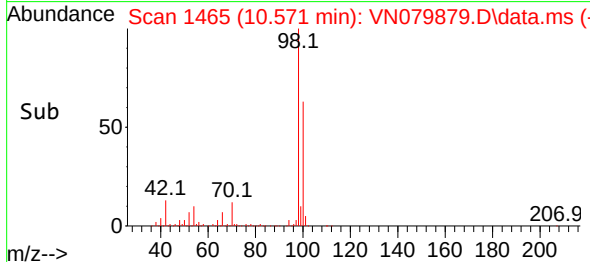
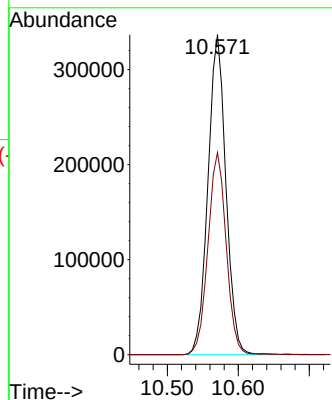
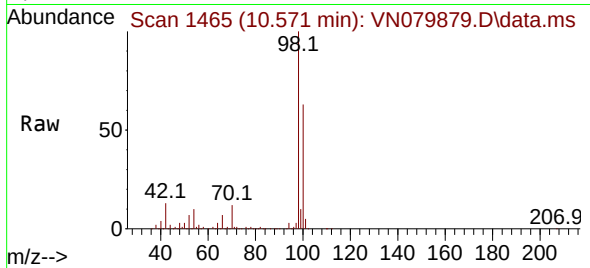




#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

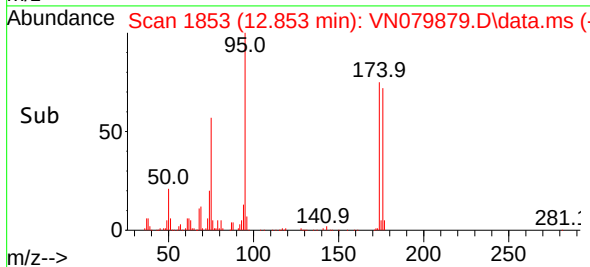
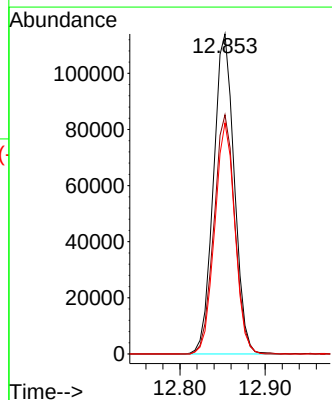
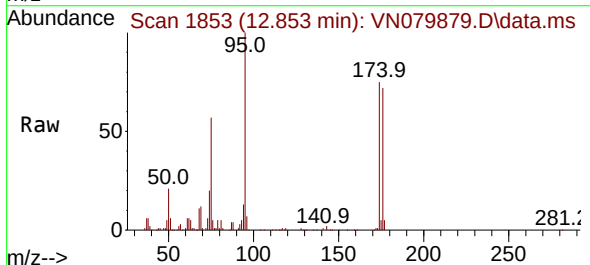
Instrument :
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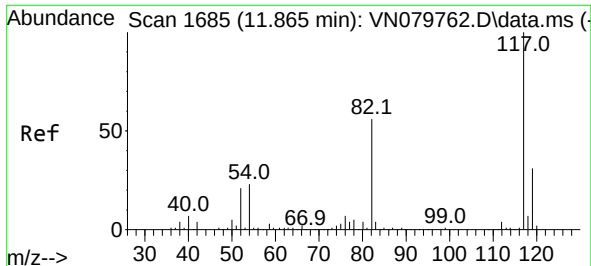
Tgt Ion: 98 Resp: 592012
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.985 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

Tgt Ion: 95 Resp: 193331
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.0 0.0 135.8

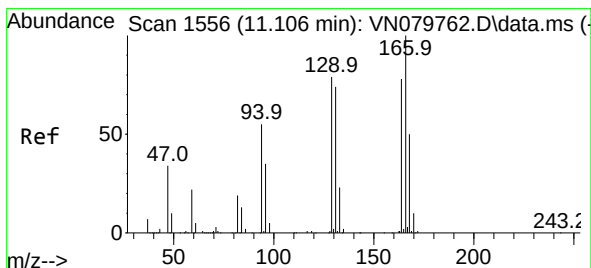
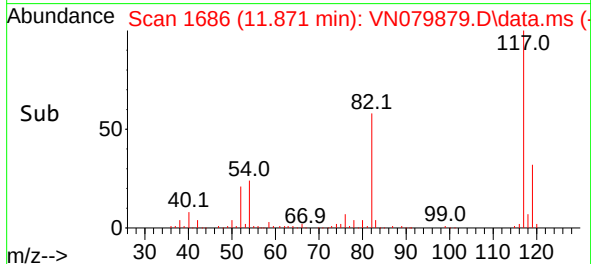
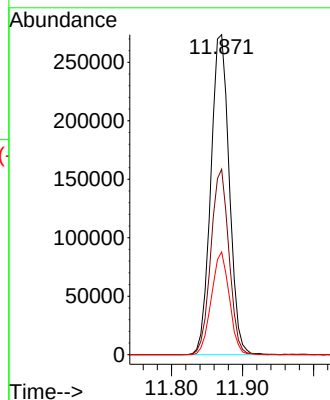
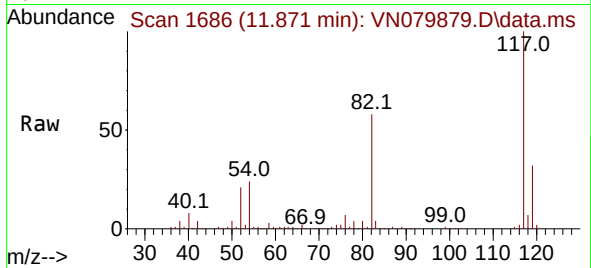




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

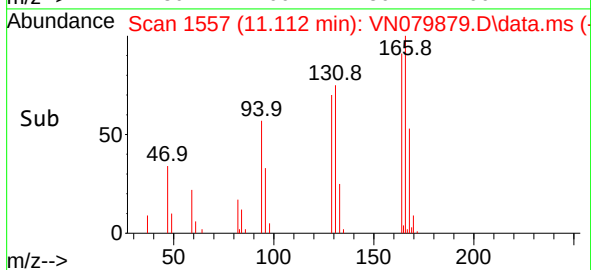
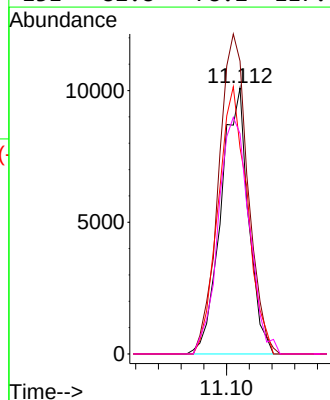
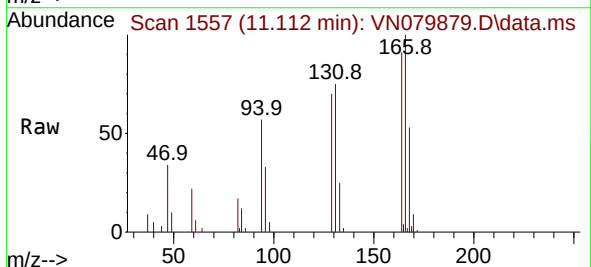
Instrument :
MSVOA_N
ClientSampleId :
FSND-B-3-20231031

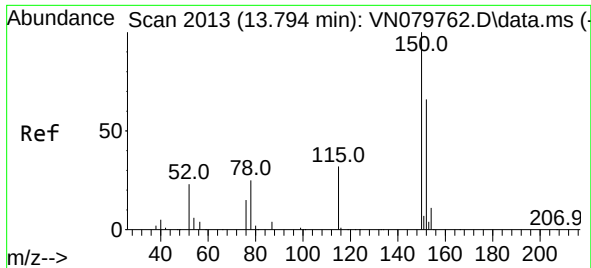
Tgt Ion:117 Resp: 493421
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 5.292 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079879.D
Acq: 04 Nov 2023 05:56

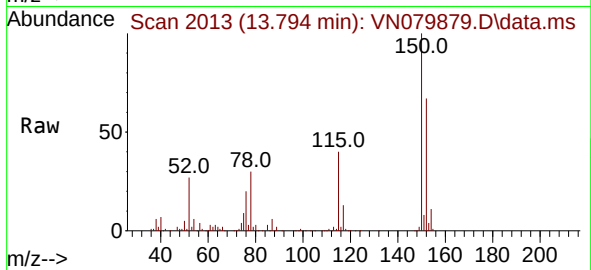
Tgt Ion:164 Resp: 16911
Ion Ratio Lower Upper
164 100
166 110.0 101.4 152.0
129 77.4 82.4 123.6#
131 82.8 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079879.D
 Acq: 04 Nov 2023 05:56

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-B-3-20231031



Tgt Ion:	152	Resp:	185940
Ion Ratio	Lower	Upper	
152	100		
115	61.6	32.3	96.8
150	157.7	0.0	355.8

