

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079894.D
 Acq On : 04 Nov 2023 15:41
 Operator : JC\MD
 Sample : 05222-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-29-20231101DL

Quant Time: Nov 06 02:14:52 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)

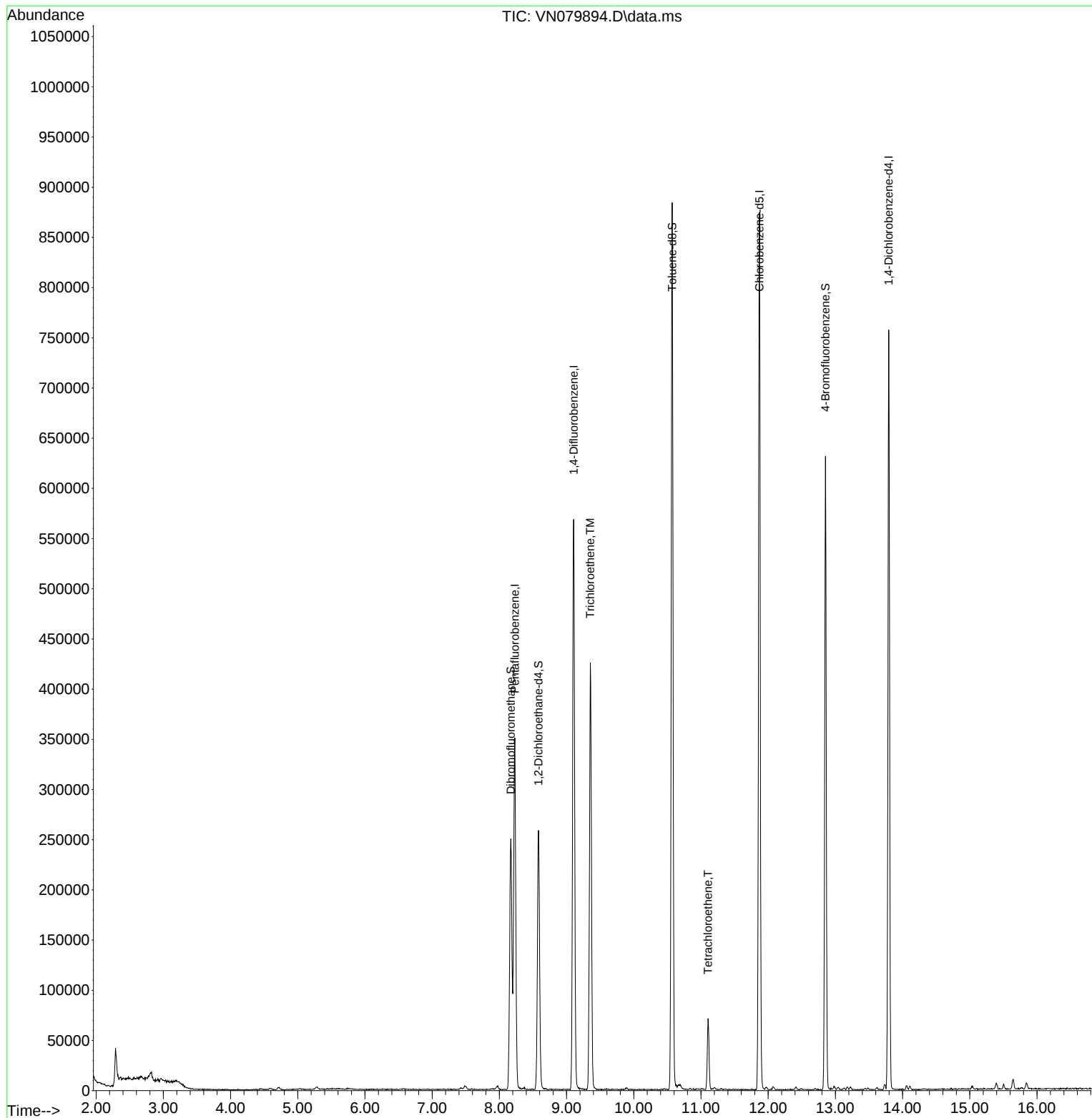
Internal Standards						
1) Pentafluorobenzene	8.230	168	239540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211276	57.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.780%			
35) Dibromofluoromethane	8.171	113	172279	50.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.571	98	593125	47.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.853	95	203787	49.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.640%			
Target Compounds					Qvalue	
44) Trichloroethene	9.353	130	147820	41.159	ug/l	99
64) Tetrachloroethene	11.106	164	15073	4.717	ug/l	97

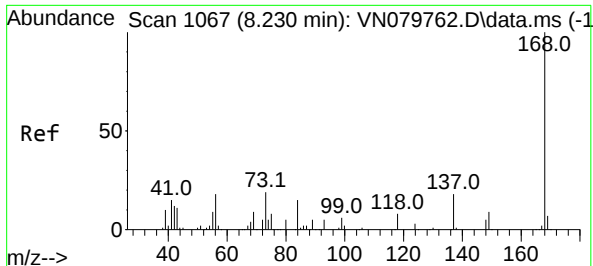
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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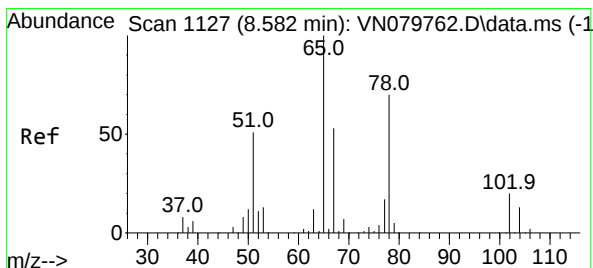
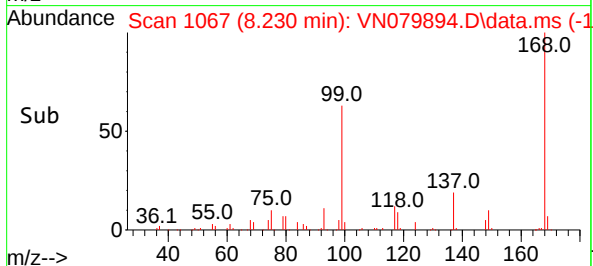
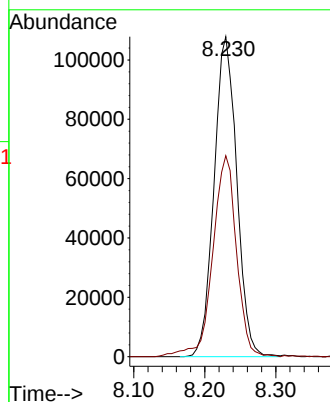
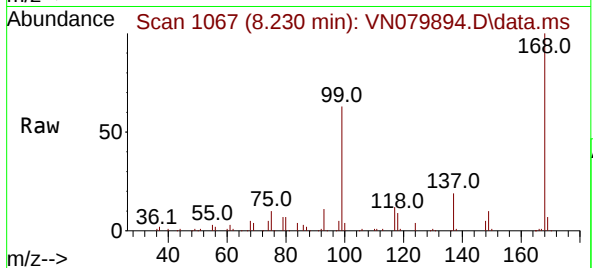




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

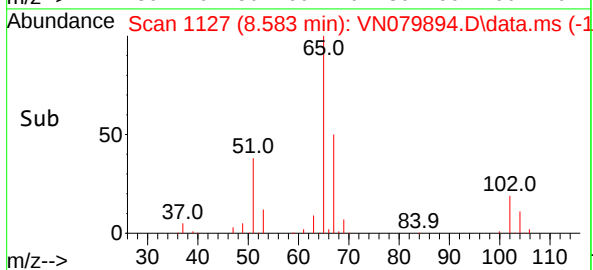
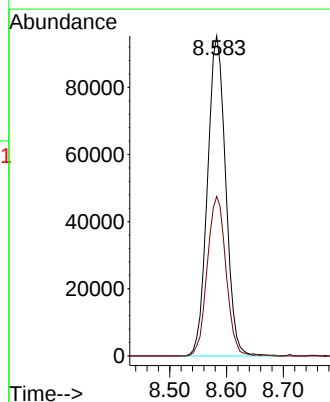
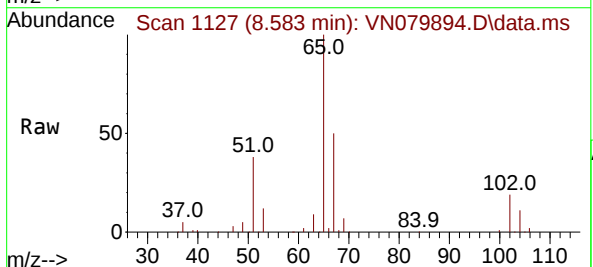
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-29-20231101DL

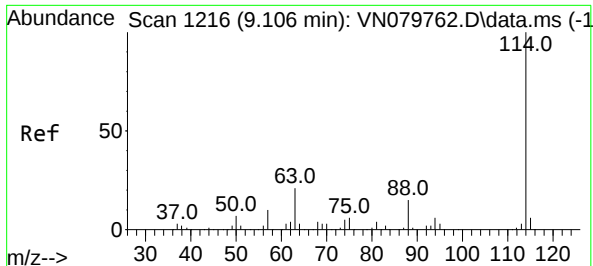
Tgt Ion:168 Resp: 239540
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.892 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

Tgt Ion: 65 Resp: 211276
Ion Ratio Lower Upper
65 100
67 51.4 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: VN079894.D

Acq: 04 Nov 2023 15:41

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-29-20231101DL

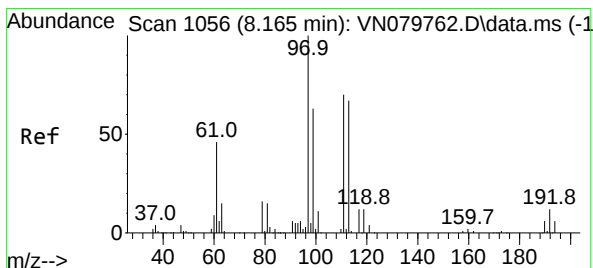
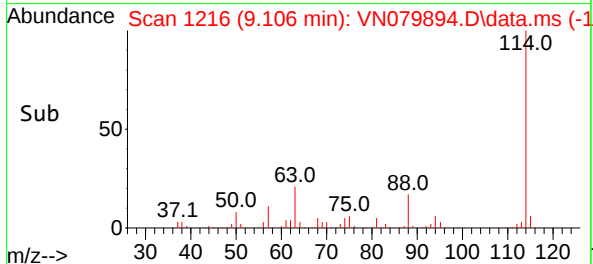
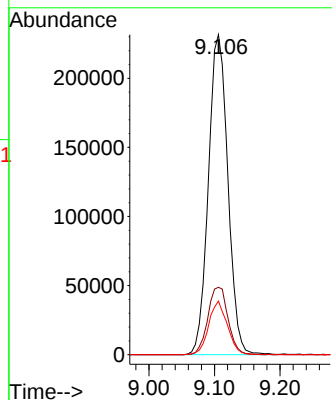
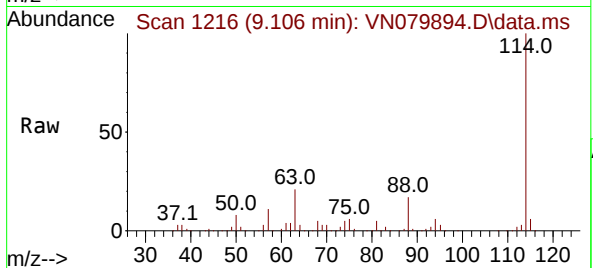
Tgt Ion:114 Resp: 478176

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.905 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079894.D

Acq: 04 Nov 2023 15:41

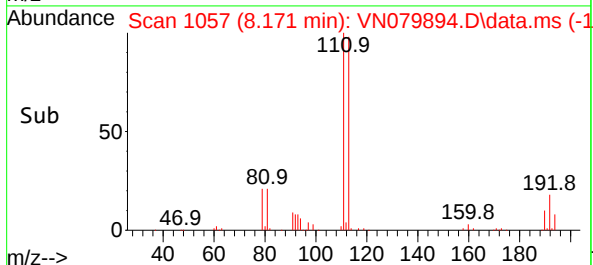
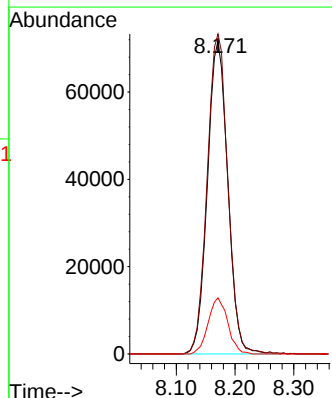
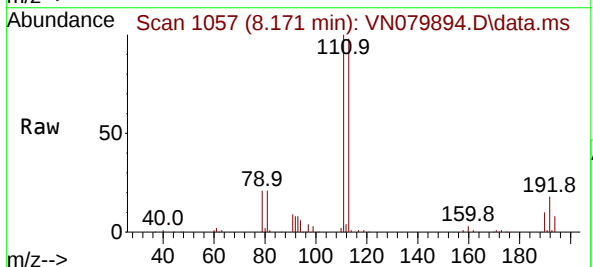
Tgt Ion:113 Resp: 172279

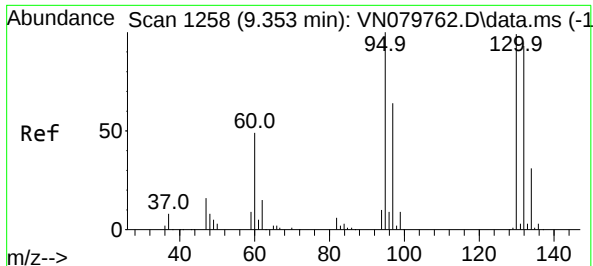
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.3 12.7 19.1

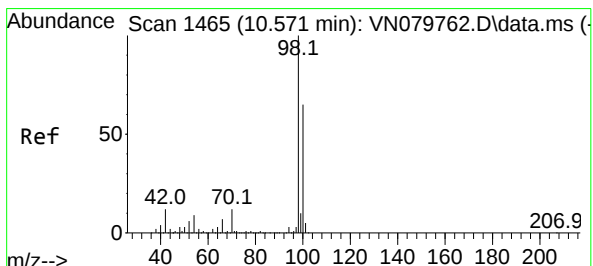
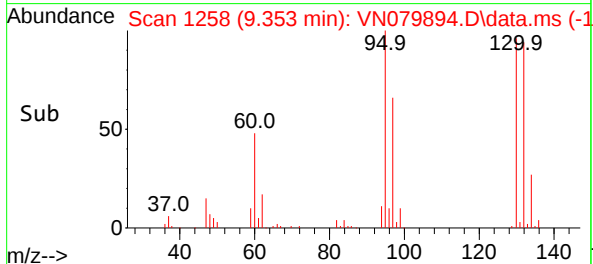
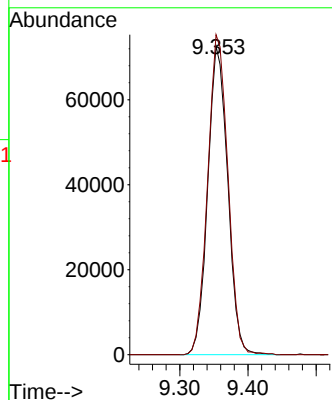
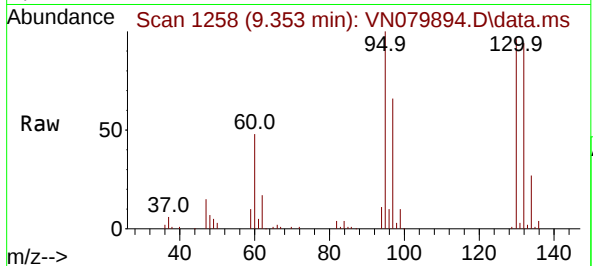




#44
Trichloroethene
Concen: 41.159 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

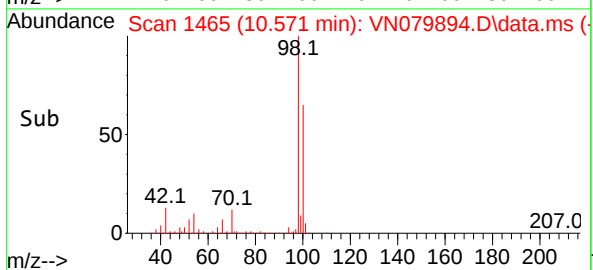
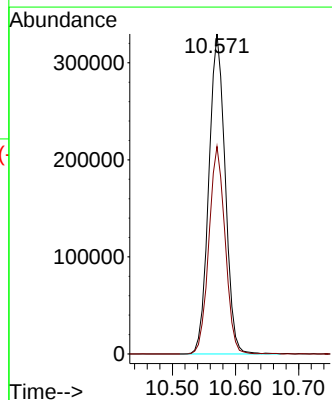
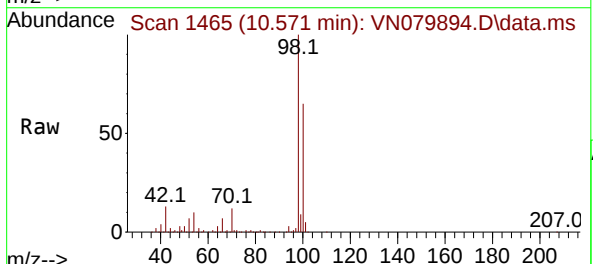
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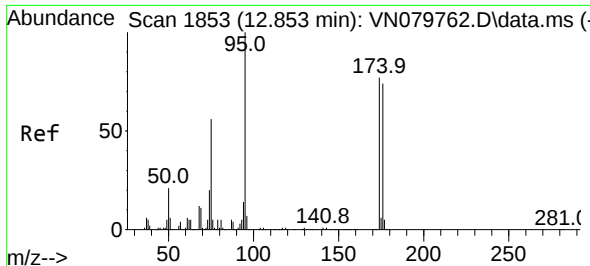
Tgt Ion:130 Resp: 147820
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.6



#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

Tgt Ion: 98 Resp: 593125
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

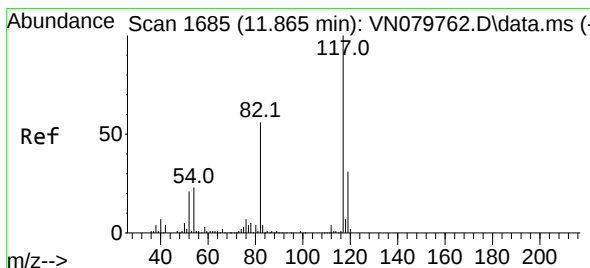
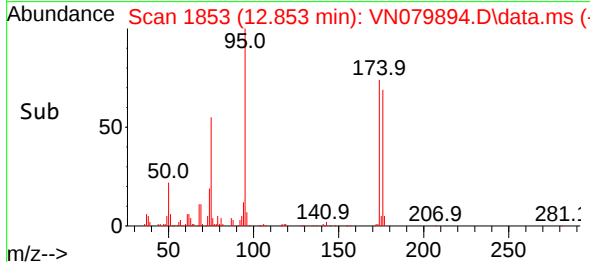
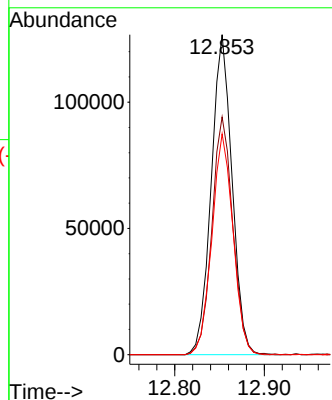
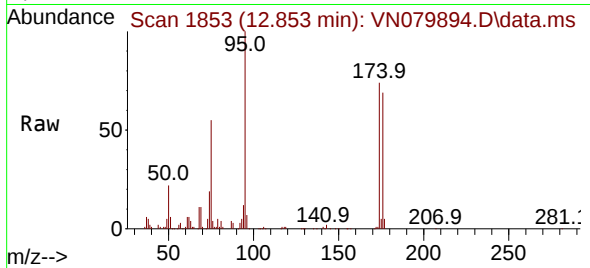




#62
4-Bromofluorobenzene
Concen: 49.319 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

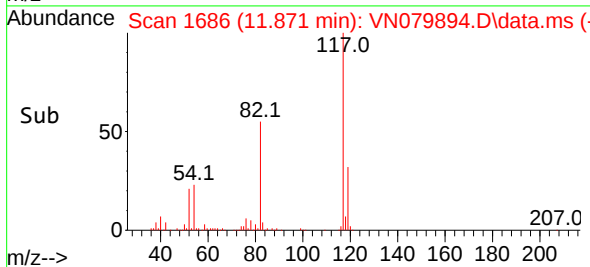
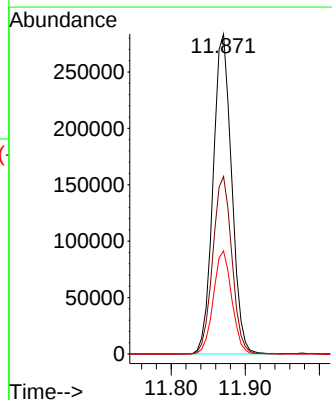
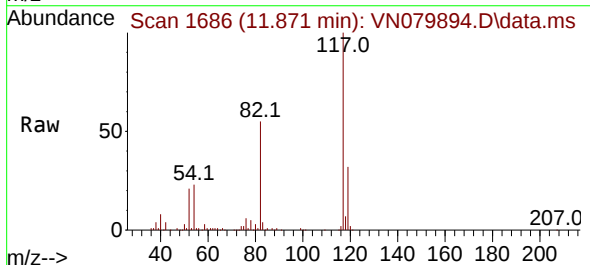
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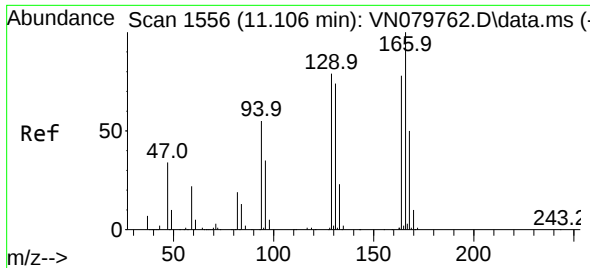
Tgt Ion: 95 Resp: 203787
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

Tgt Ion: 117 Resp: 493340
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.2 25.6 38.4

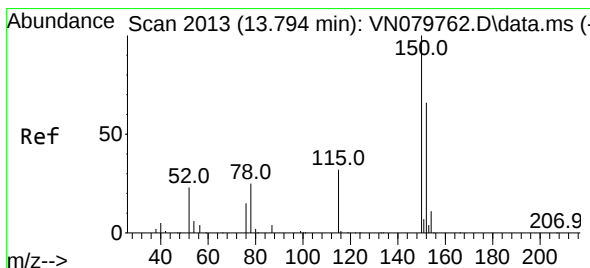
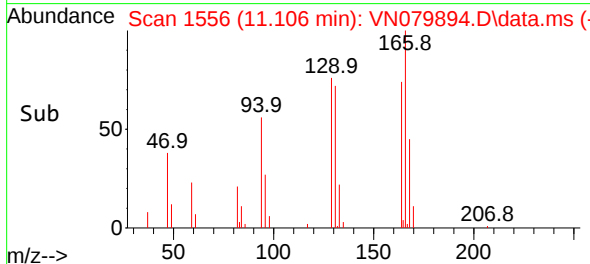
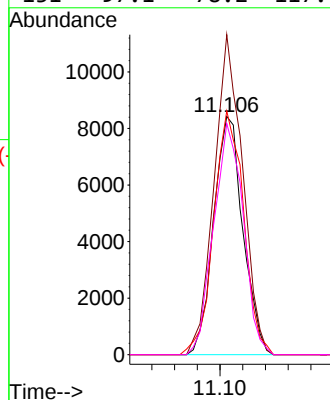
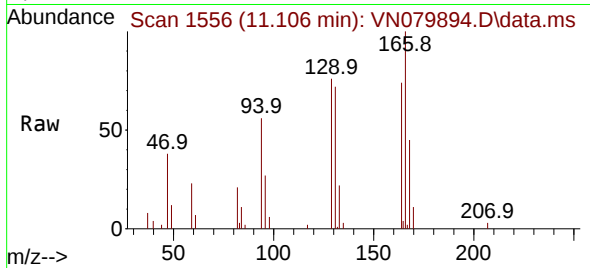




#64
Tetrachloroethene
Concen: 4.717 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079894.D
Acq: 04 Nov 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-29-20231101DL

Tgt Ion:164	Resp:	15073
Ion	Ratio	Lower Upper
164	100	
166	134.3	101.4 152.0
129	102.3	82.4 123.6
131	97.1	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: VN079894.D
Acq: 04 Nov 2023 15:41

Tgt Ion:152	Resp:	191665
Ion	Ratio	Lower Upper
152	100	
115	63.1	32.3 96.8
150	159.4	0.0 355.8

