

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079967.D
 Acq On : 07 Nov 2023 16:10
 Operator : JC\MD
 Sample : 05222-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 08 04:30:02 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)

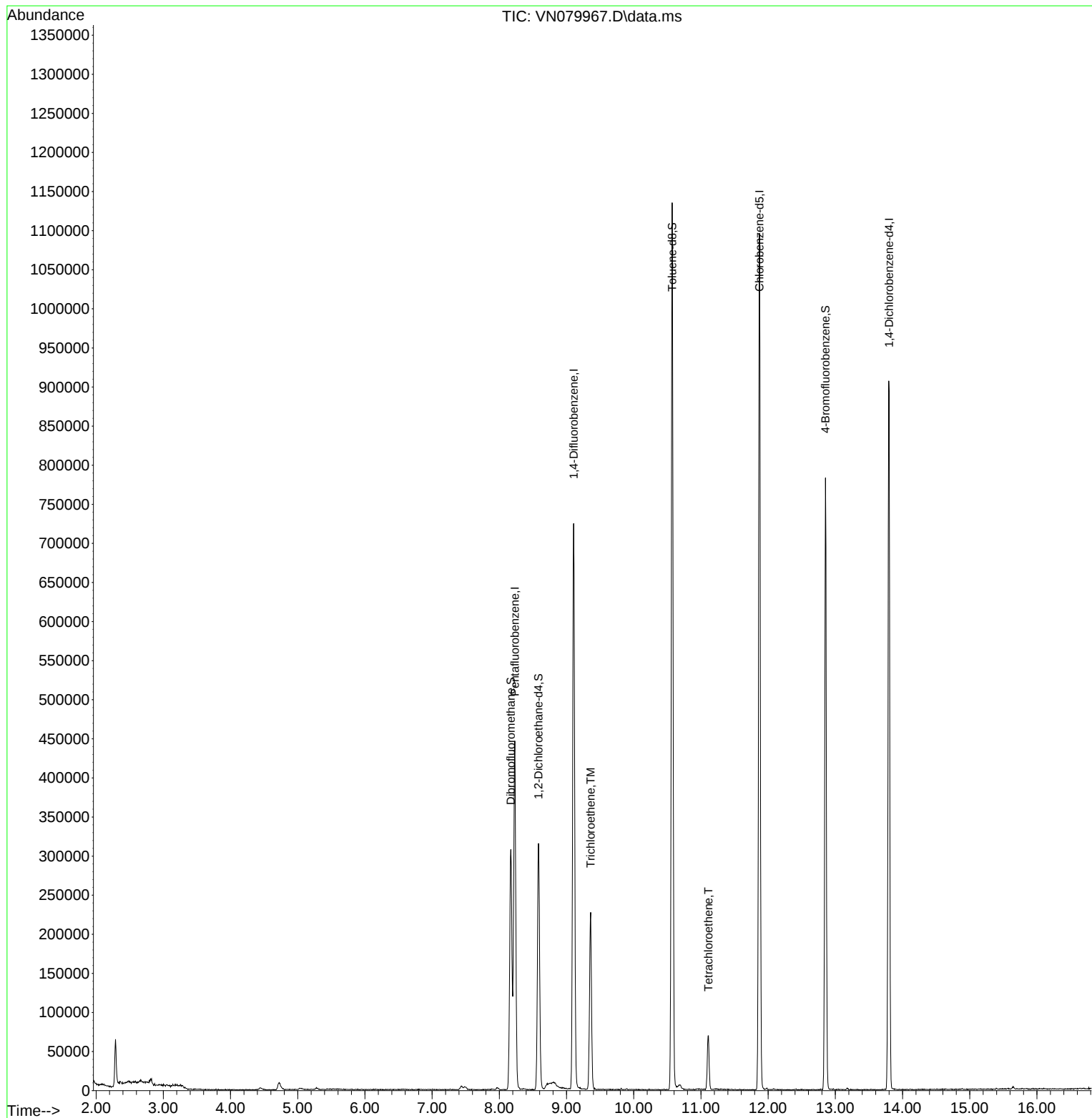
Internal Standards						
1) Pentafluorobenzene	8.230	168	300518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	608254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262709	57.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.760%
35) Dibromofluoromethane	8.171	113	216578	50.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	10.571	98	745738	47.055	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.853	95	257604	49.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
						Qvalue
44) Trichloroethene	9.359	130	81906	17.929	ug/l	99
64) Tetrachloroethene	11.112	164	16326	4.140	ug/l	94

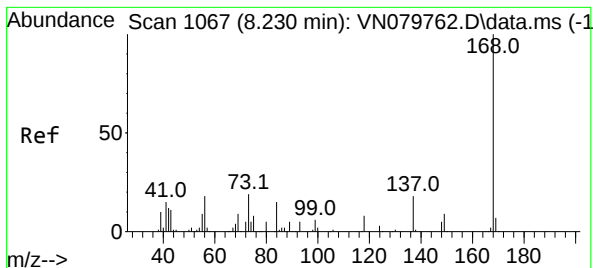
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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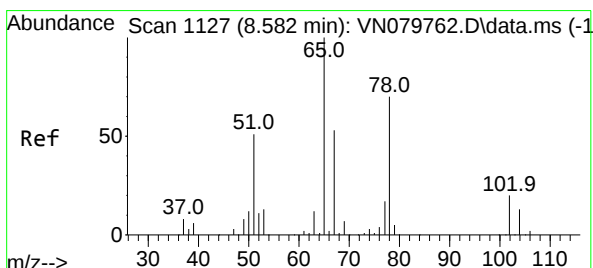
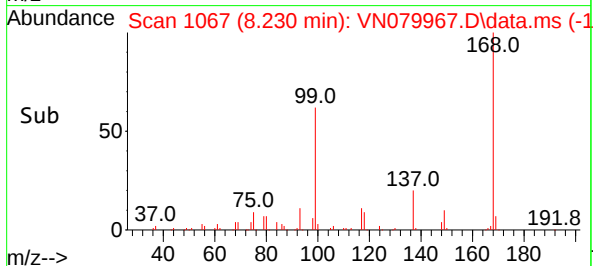
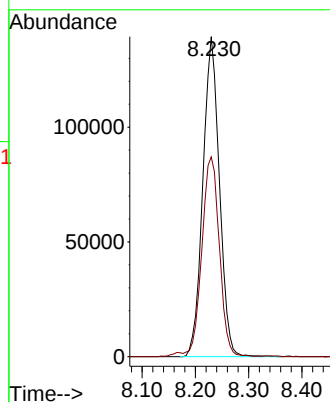
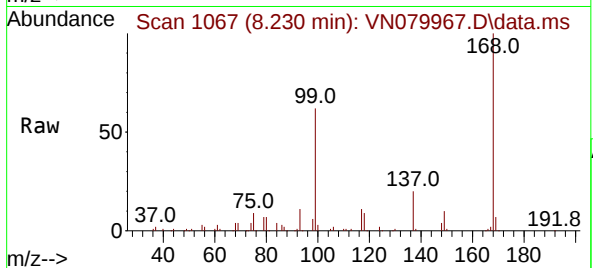




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

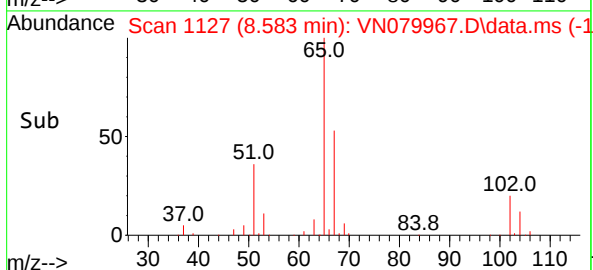
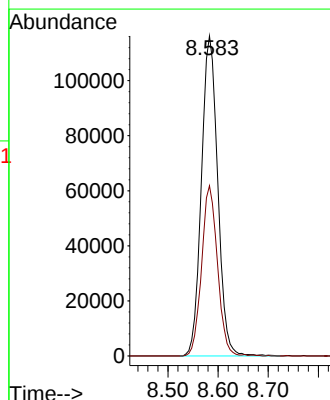
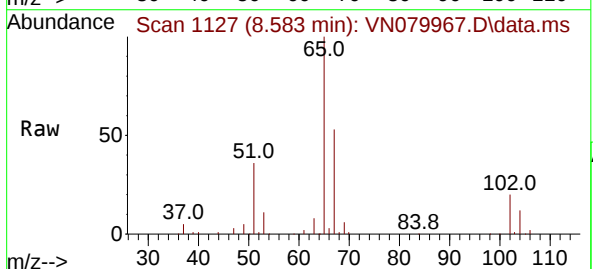
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101DL

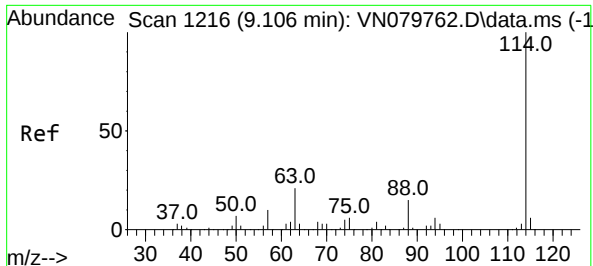
Tgt Ion:168 Resp: 300518
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.379 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

Tgt Ion: 65 Resp: 262709
Ion Ratio Lower Upper
65 100
67 51.8 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: VN079967.D

Acq: 07 Nov 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02S-20231101DL

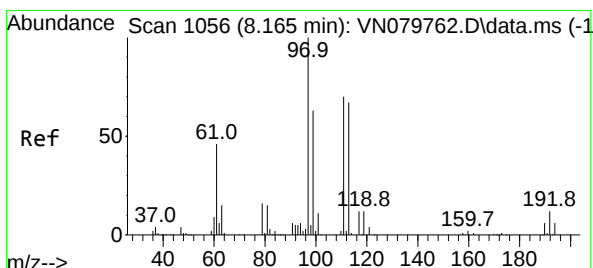
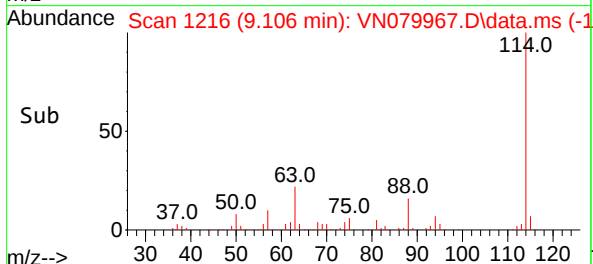
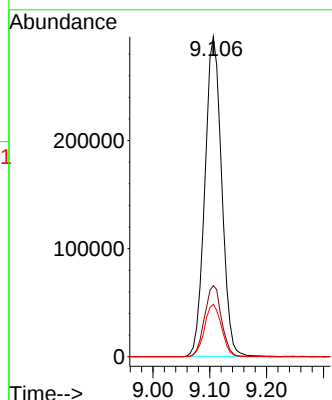
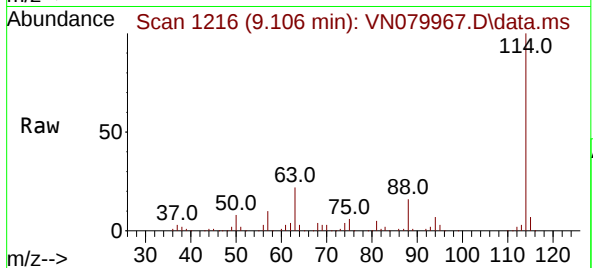
Tgt Ion:114 Resp: 608254

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.309 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079967.D

Acq: 07 Nov 2023 16:10

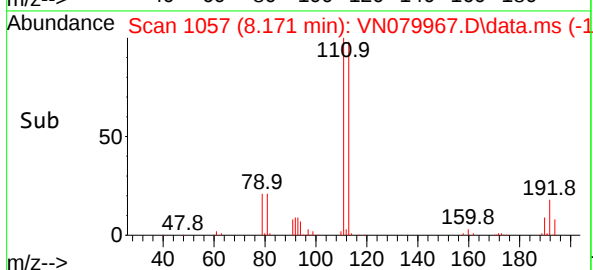
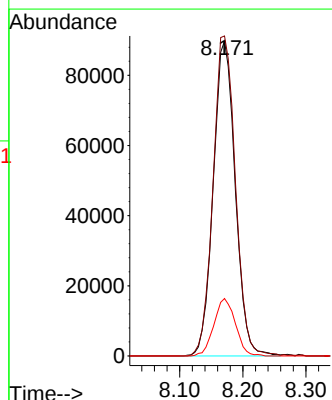
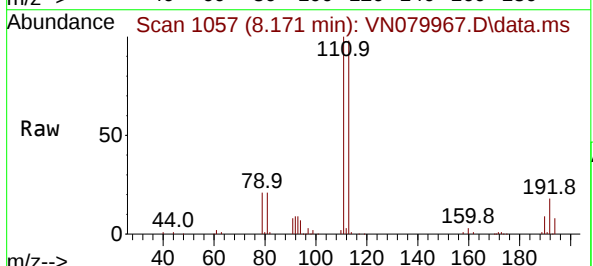
Tgt Ion:113 Resp: 216578

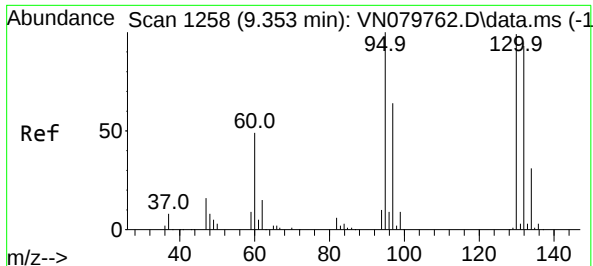
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.9 12.7 19.1

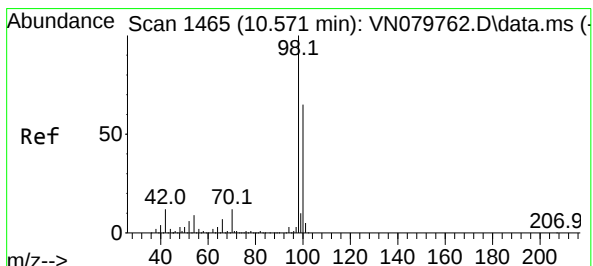
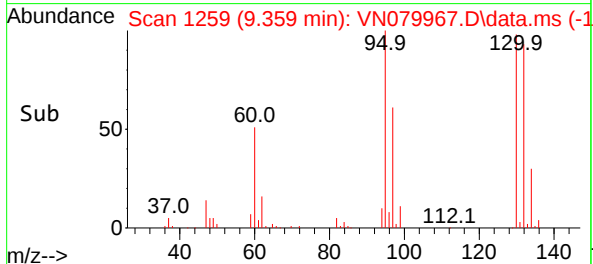
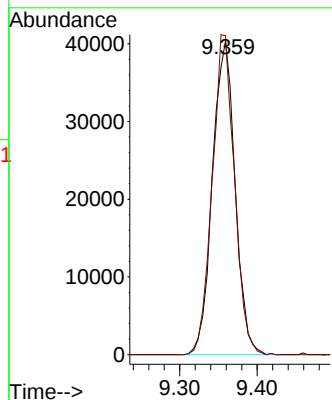
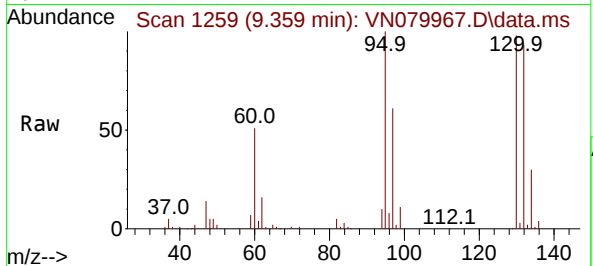




#44
Trichloroethene
Concen: 17.929 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

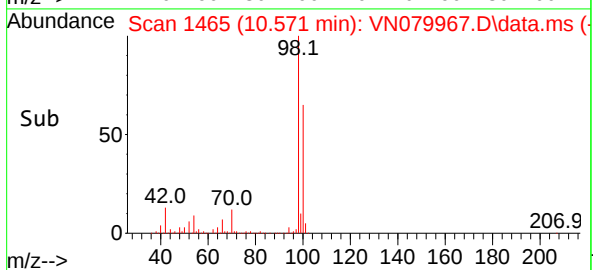
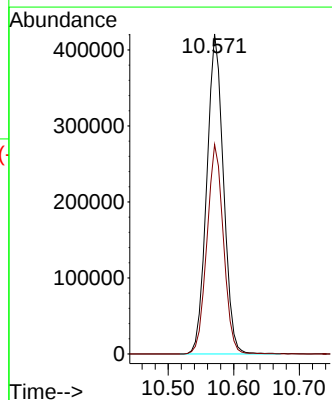
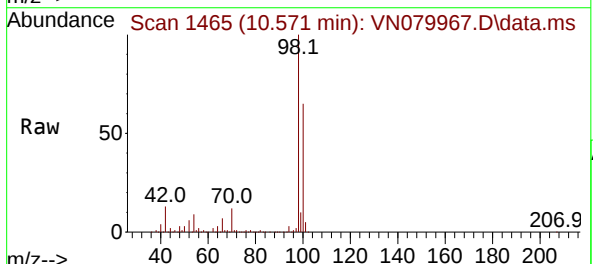
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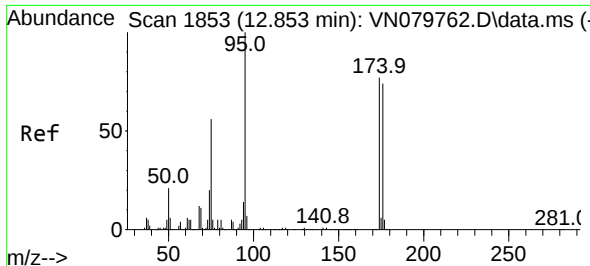
Tgt Ion:130 Resp: 81906
Ion Ratio Lower Upper
130 100
95 101.7 0.0 204.6



#50
Toluene-d8
Concen: 47.055 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

Tgt Ion: 98 Resp: 745738
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

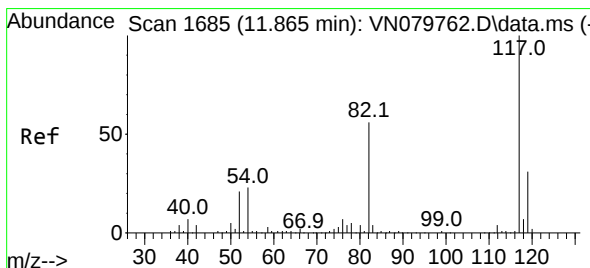
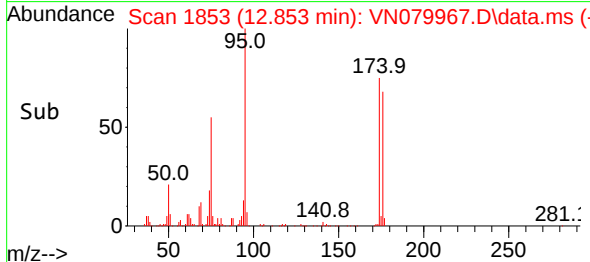
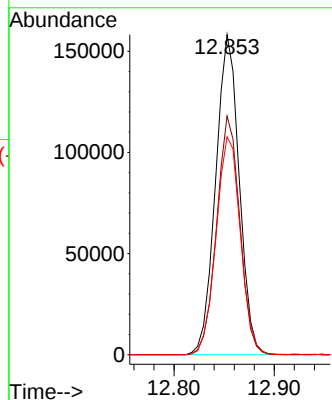
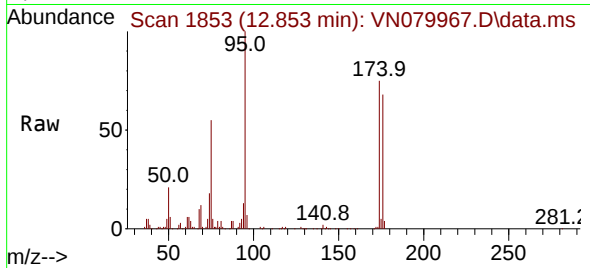




#62
4-Bromofluorobenzene
Concen: 49.011 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

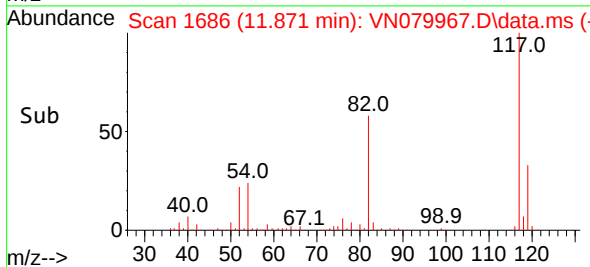
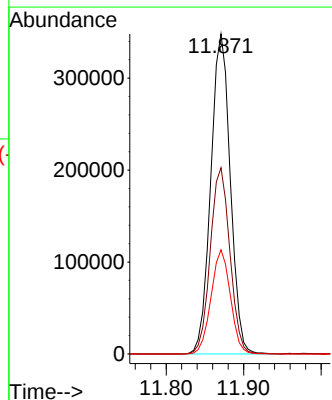
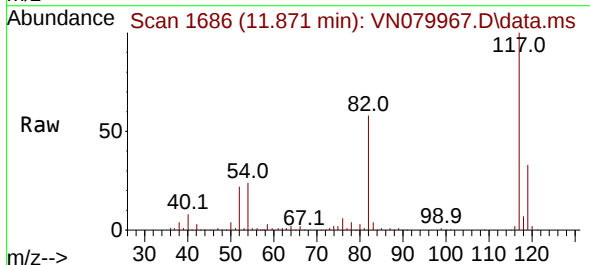
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ClientSampleId :
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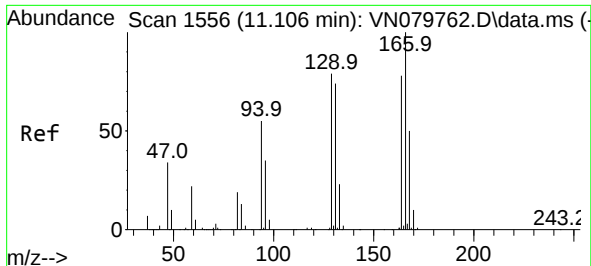
Tgt Ion: 95 Resp: 257604
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

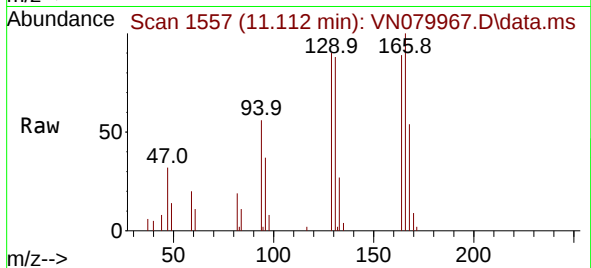
Tgt Ion: 117 Resp: 608848
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 32.5 25.6 38.4



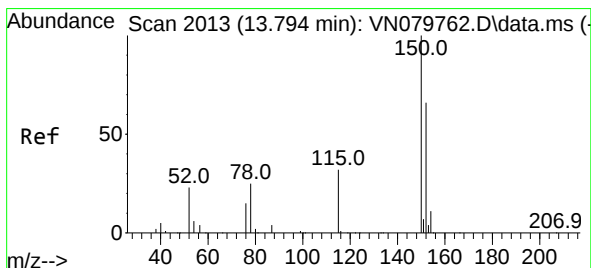
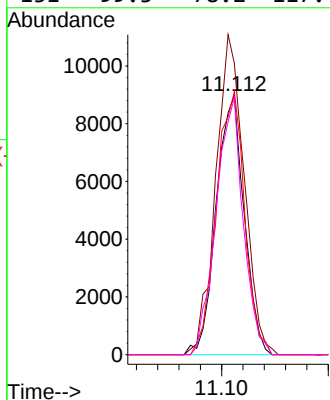
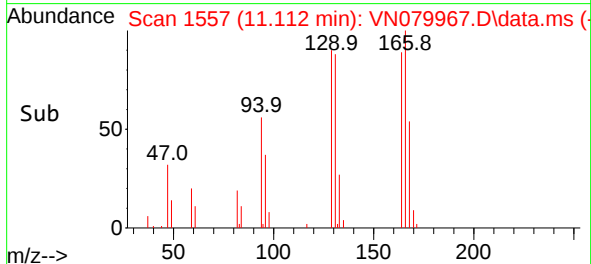


#64
Tetrachloroethene
Concen: 4.140 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10

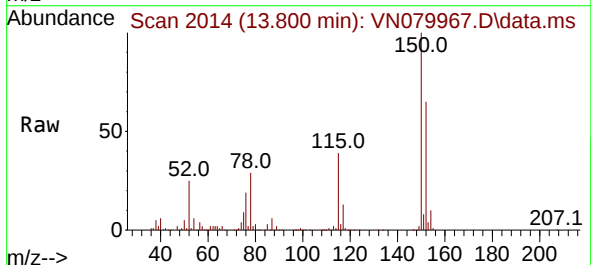
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-20231101DL



Tgt Ion:164 Resp: 16326
Ion Ratio Lower Upper
164 100
166 112.4 101.4 152.0
129 101.5 82.4 123.6
131 99.3 78.2 117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079967.D
Acq: 07 Nov 2023 16:10



Tgt Ion:152 Resp: 238403
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.8 0.0 355.8

