

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079828.D
 Acq On : 03 Nov 2023 06:21
 Operator : JC\MD
 Sample : 05222-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-3-20231101

Quant Time: Nov 03 07:46:27 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)

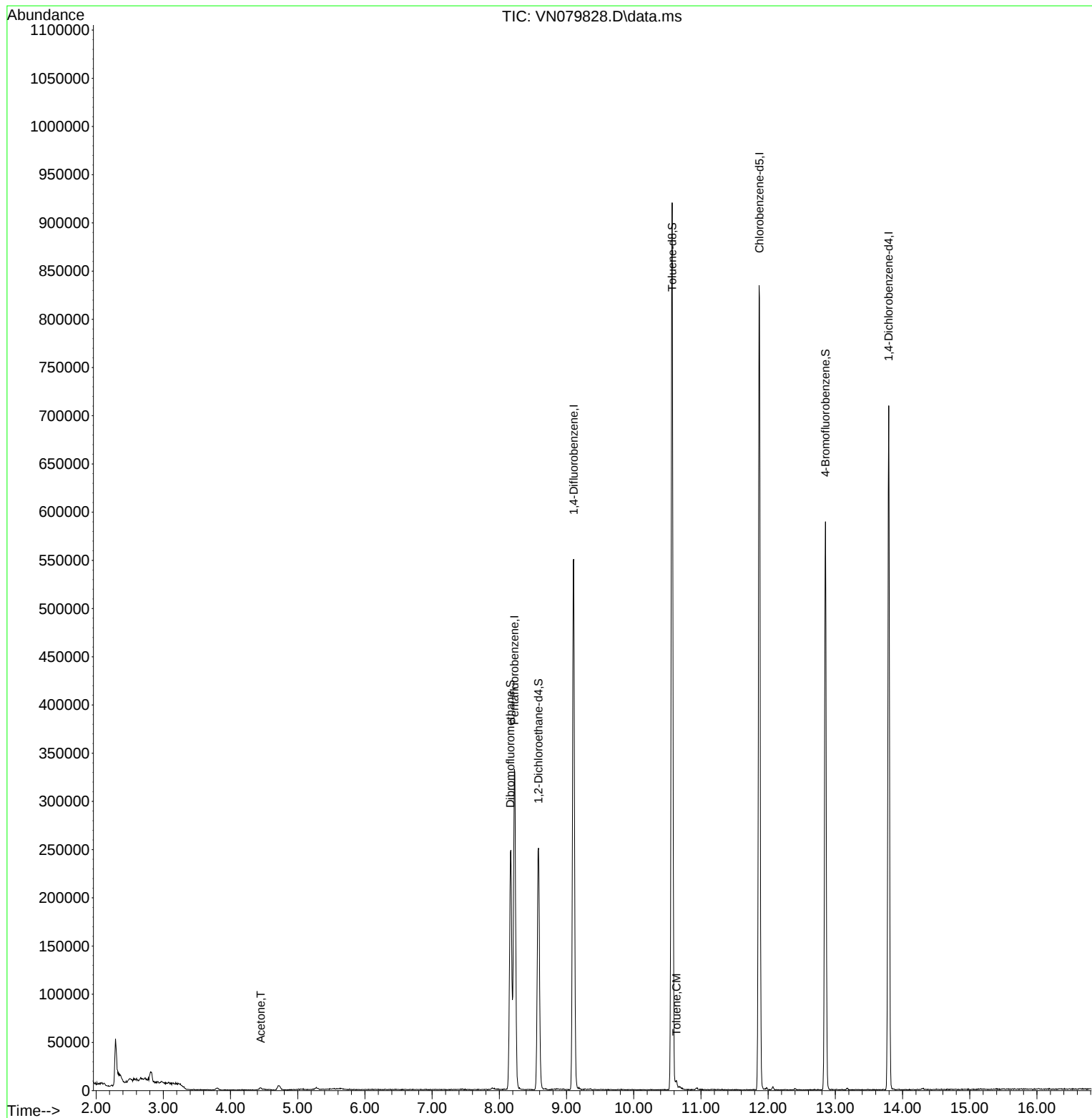
Internal Standards						
1) Pentafluorobenzene	8.224	168	236670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	460826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207363	57.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	8.165	113	173585	53.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	612071	50.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.853	95	196337	49.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.600%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	3891	3.072	ug/l #	82
52) Toluene	10.635	92	3626	0.439	ug/l	92

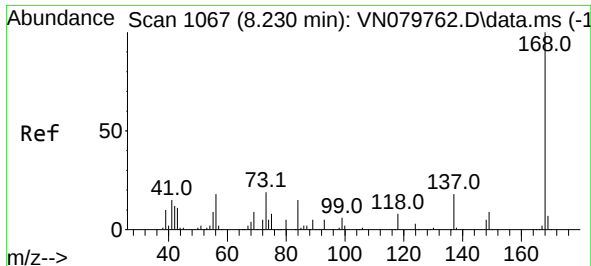
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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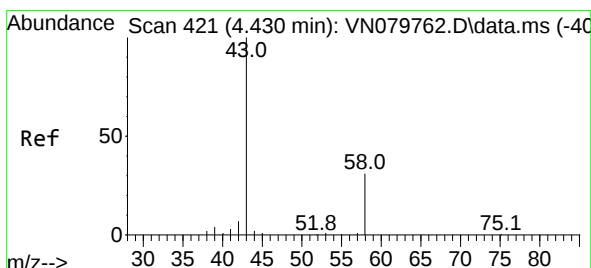
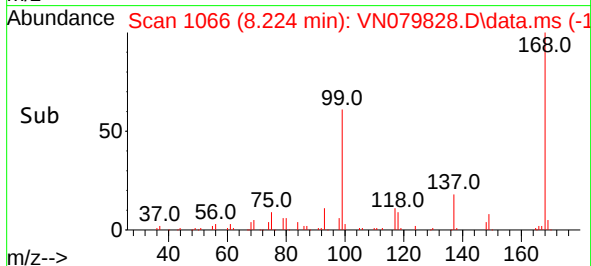
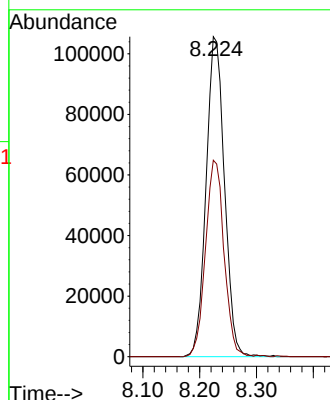
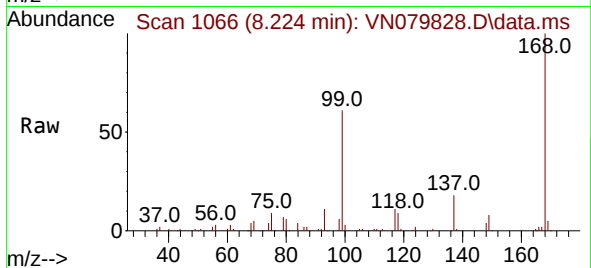




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

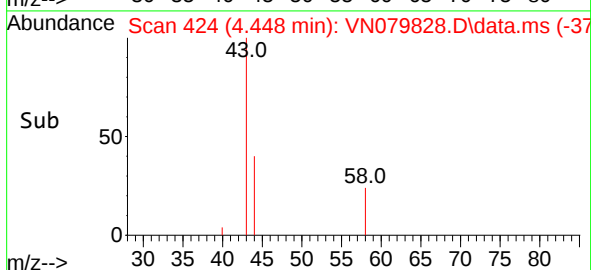
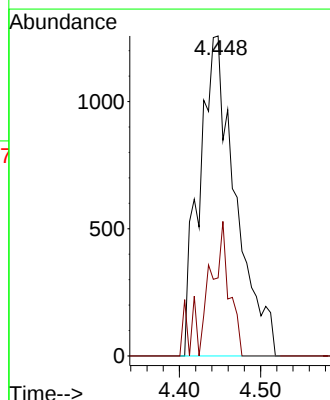
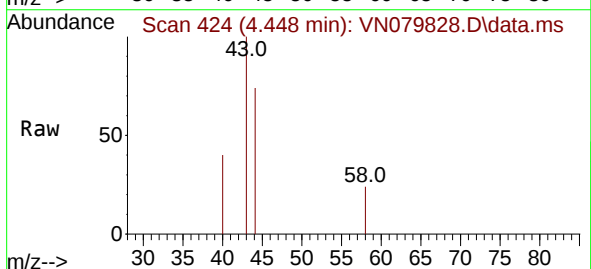
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

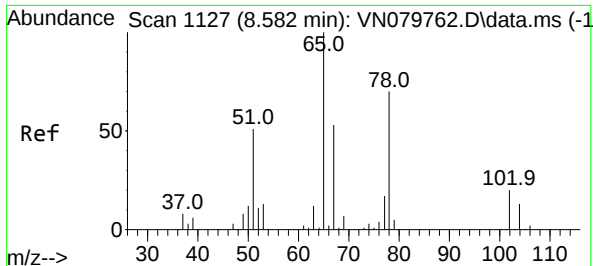
Tgt Ion:168 Resp: 236670
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 3.072 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 24.4 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 57.509 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079828.D

Acq: 03 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :

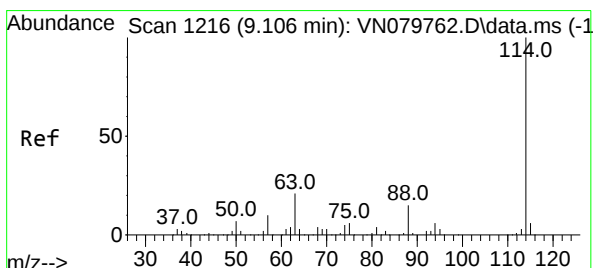
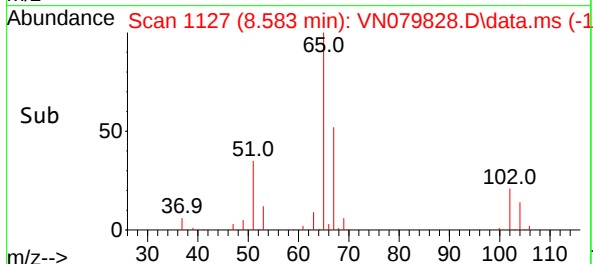
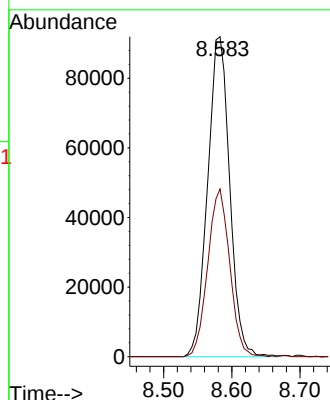
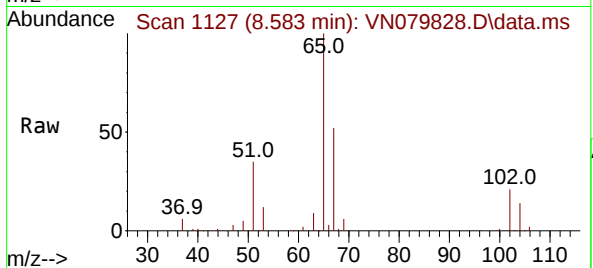
FSND-RB-3-20231101

Tgt Ion: 65 Resp: 207363

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079828.D

Acq: 03 Nov 2023 06:21

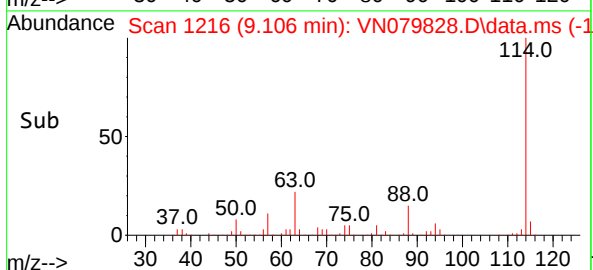
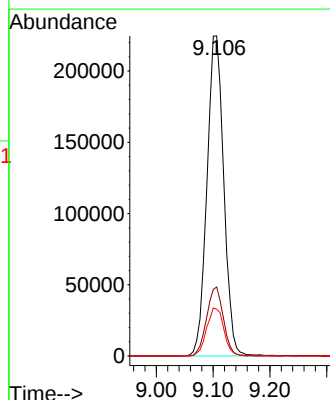
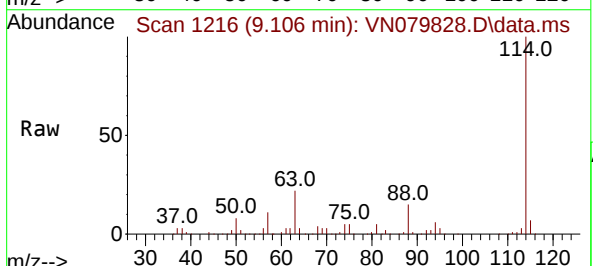
Tgt Ion: 114 Resp: 460826

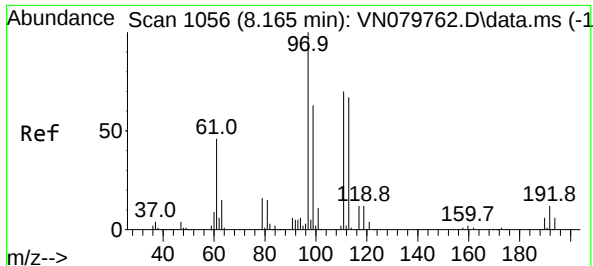
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079828.D

Acq: 03 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :

FSND-RB-3-20231101

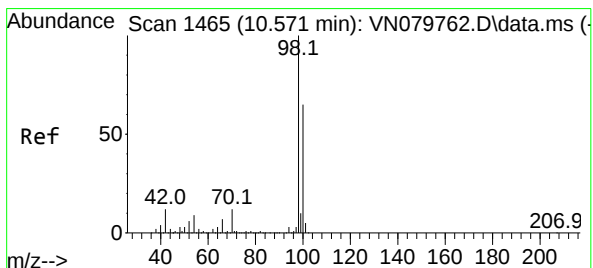
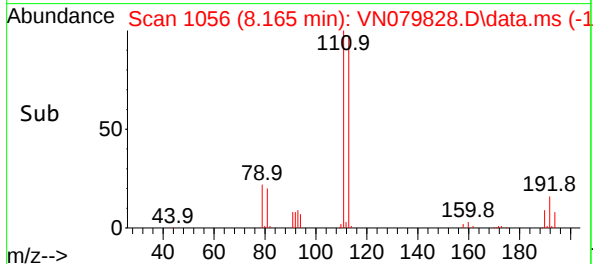
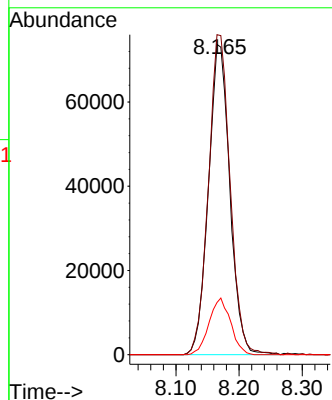
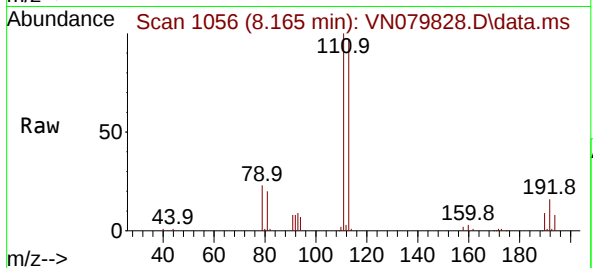
Tgt Ion:113 Resp: 173585

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 18.4 12.7 19.1



#50

Toluene-d8

Concen: 50.977 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079828.D

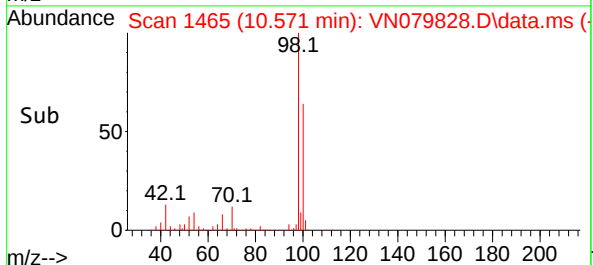
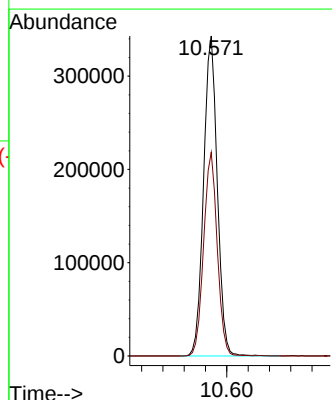
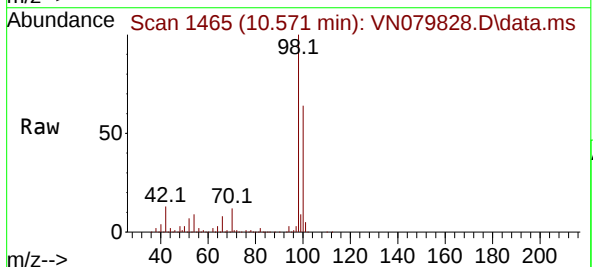
Acq: 03 Nov 2023 06:21

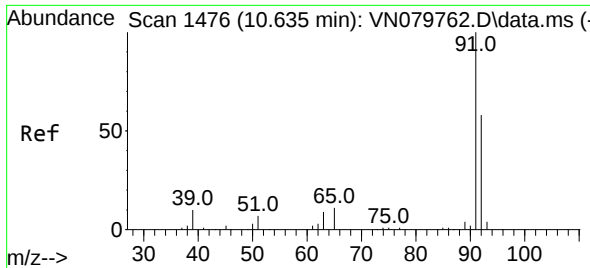
Tgt Ion: 98 Resp: 612071

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

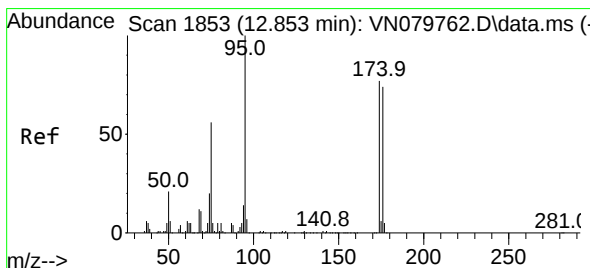
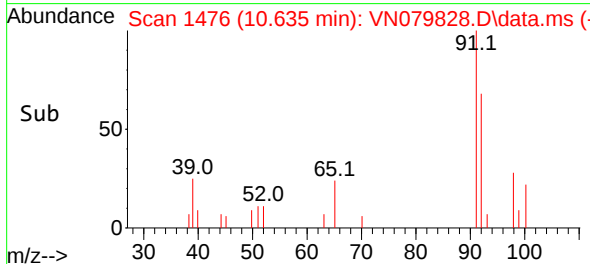
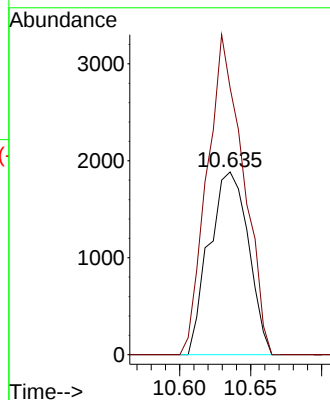
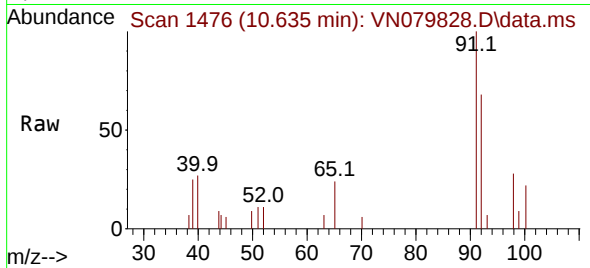




#52
Toluene
Concen: 0.439 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

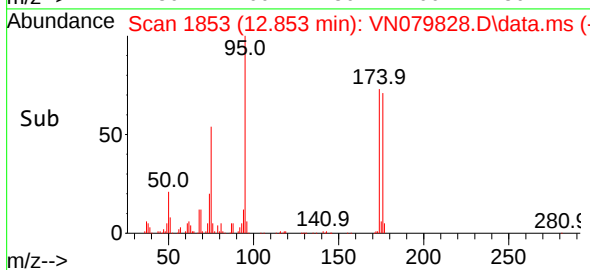
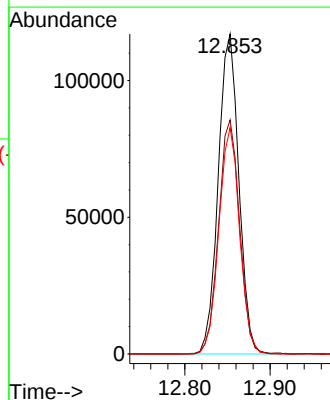
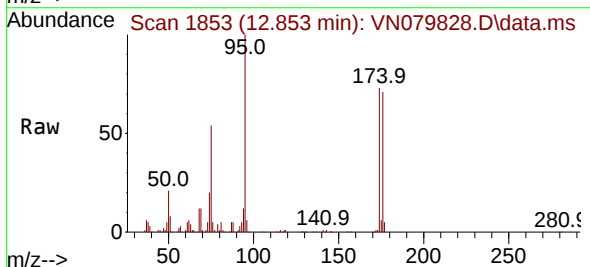
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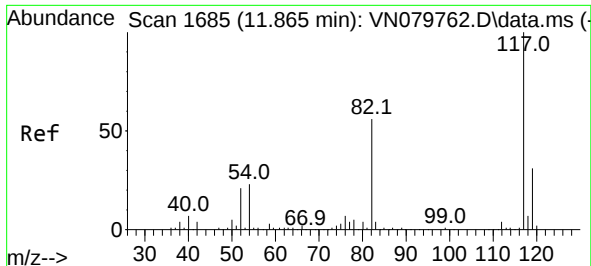
Tgt Ion: 92 Resp: 3626
Ion Ratio Lower Upper
92 100
91 161.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion: 95 Resp: 196337
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.0 0.0 135.8

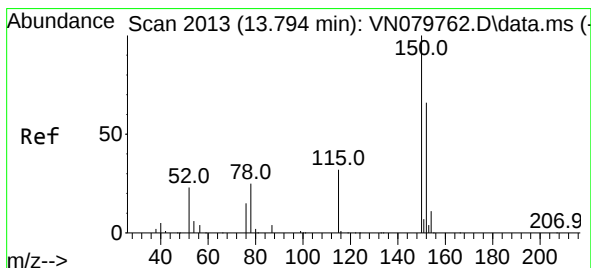
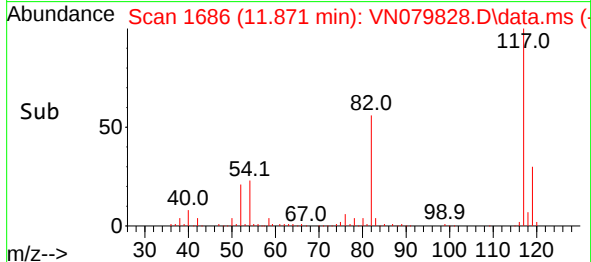
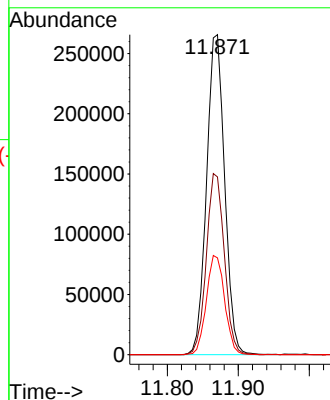
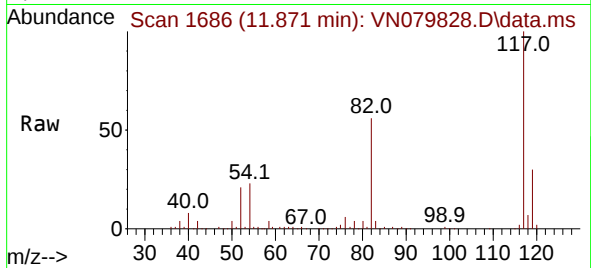




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-3-20231101

Tgt Ion:117 Resp: 470718
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079828.D
Acq: 03 Nov 2023 06:21

Tgt Ion:152 Resp: 179391
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 156.5 0.0 355.8

