

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079807.D
 Acq On : 02 Nov 2023 19:09
 Operator : JC\MD
 Sample : 05225-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

Quant Time: Nov 03 04:05:37 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)

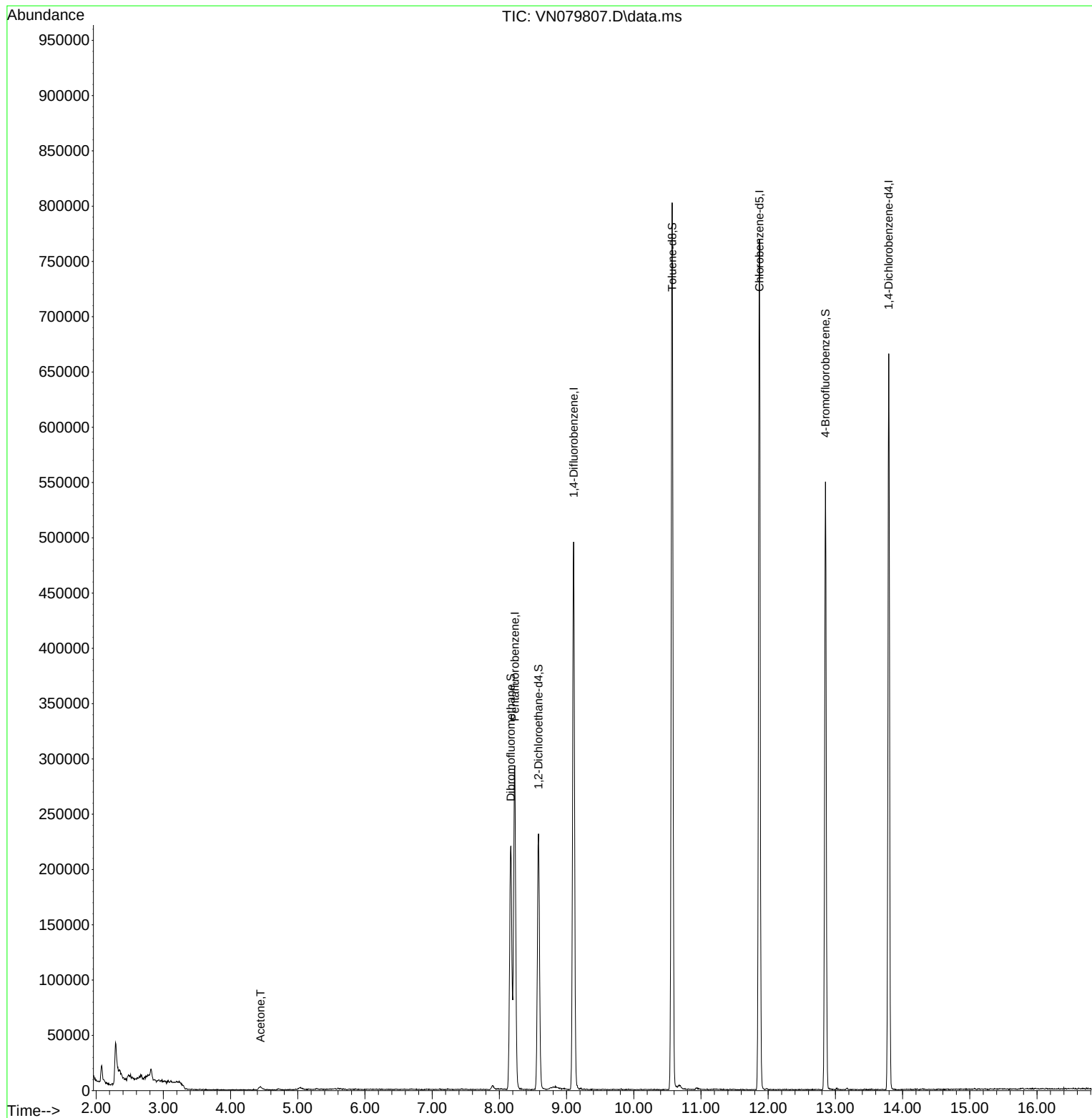
Internal Standards						
1) Pentafluorobenzene	8.230	168	199928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	426591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191221	62.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.560%#	
35) Dibromofluoromethane	8.171	113	156268	54.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.900%	
50) Toluene-d8	10.571	98	534392	50.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	12.853	95	182043	51.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.900%	
Target Compounds						
16) Acetone	4.448	43	5839	5.457	ug/l	Qvalue 90

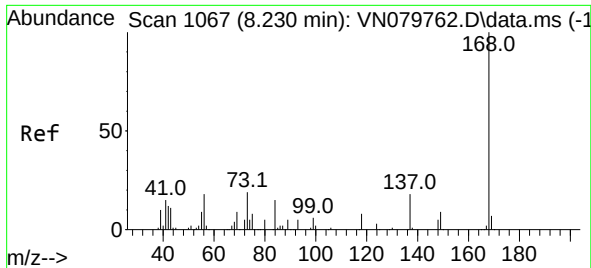
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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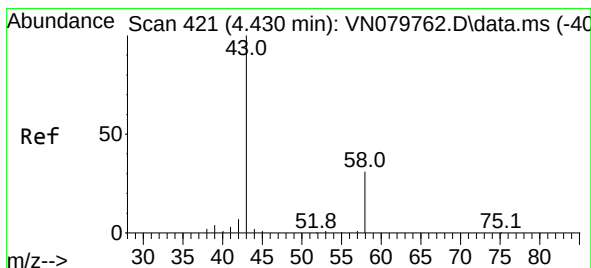
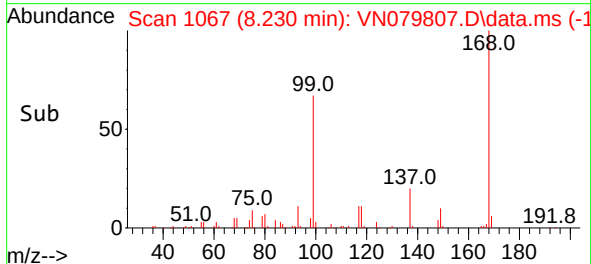
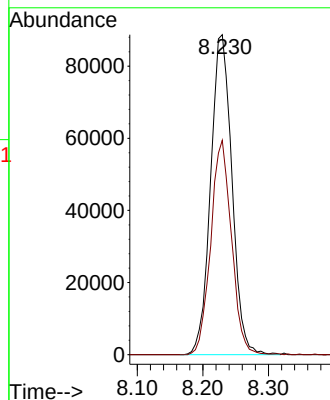
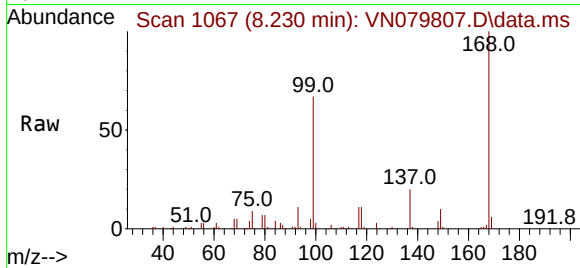




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

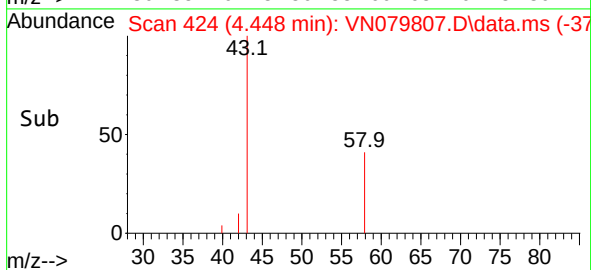
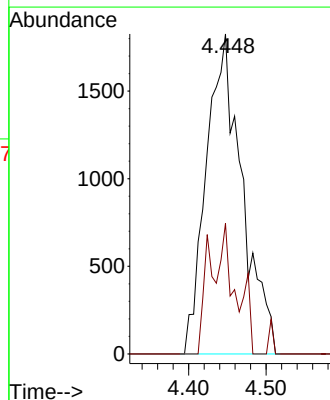
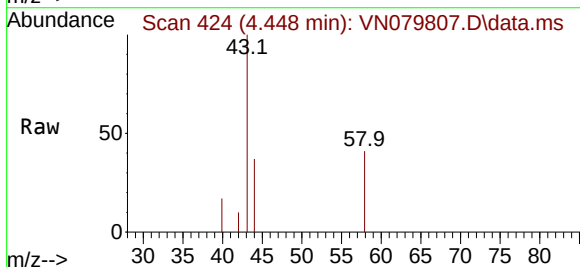
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-320-322

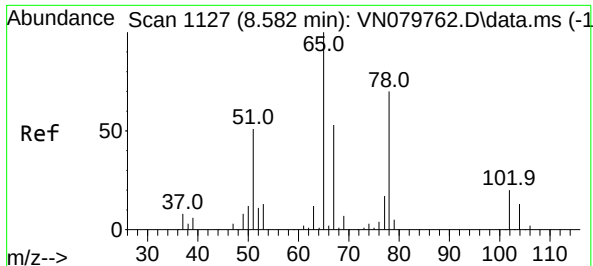
Tgt Ion:168 Resp: 199928
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#16
Acetone
Concen: 5.457 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 43 Resp: 5839
Ion Ratio Lower Upper
43 100
58 40.8 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 62.778 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079807.D

Acq: 02 Nov 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

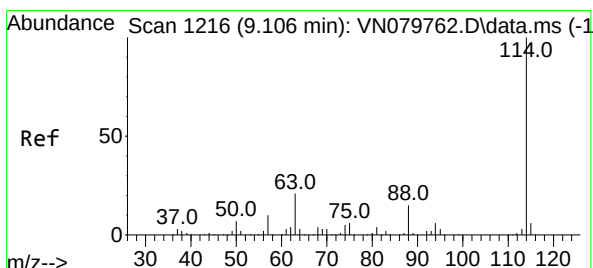
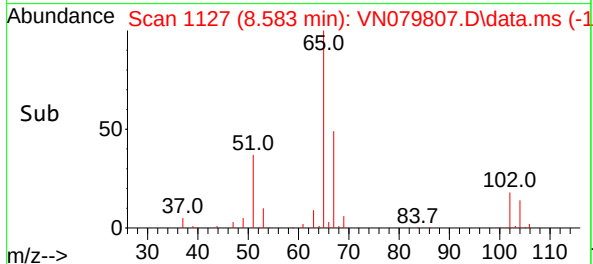
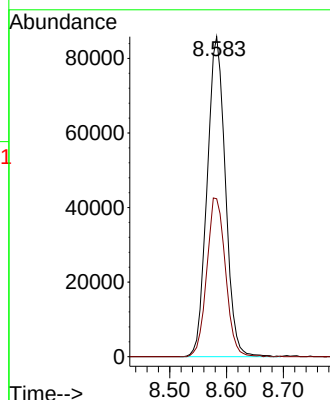
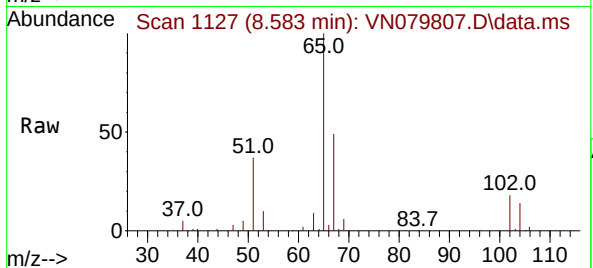
BP-VPB-188-GW-320-322

Tgt Ion: 65 Resp: 191221

Ion Ratio Lower Upper

65 100

67 50.8 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: VN079807.D

Acq: 02 Nov 2023 19:09

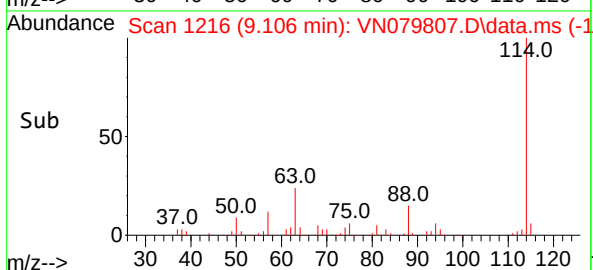
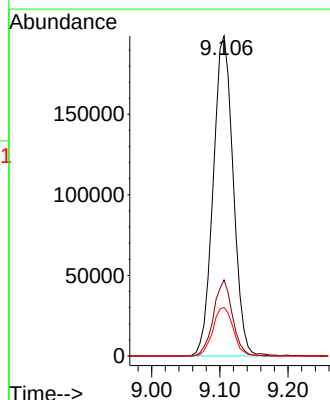
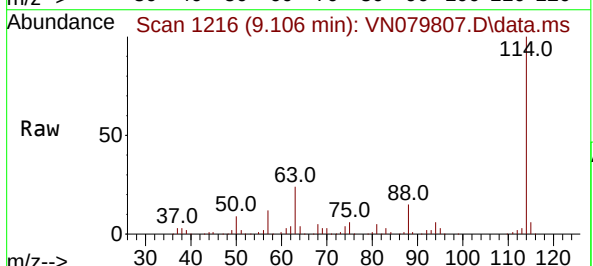
Tgt Ion: 114 Resp: 405520

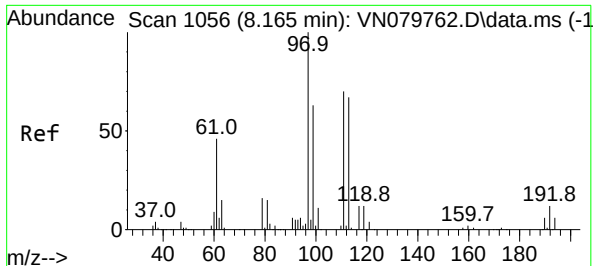
Ion Ratio Lower Upper

114 100

63 23.8 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.447 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079807.D

Acq: 02 Nov 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-320-322

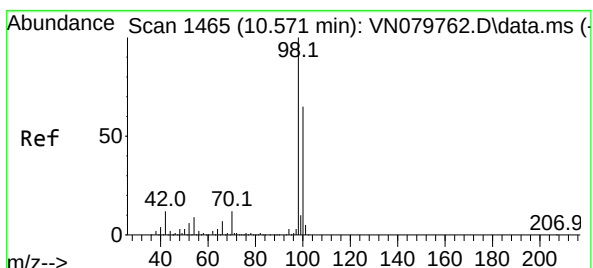
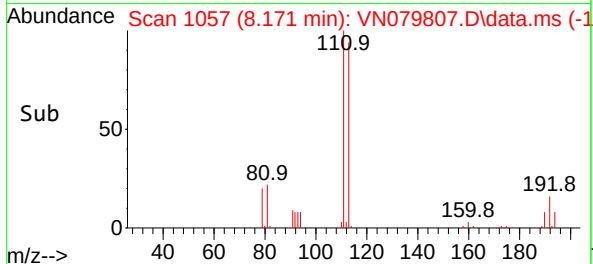
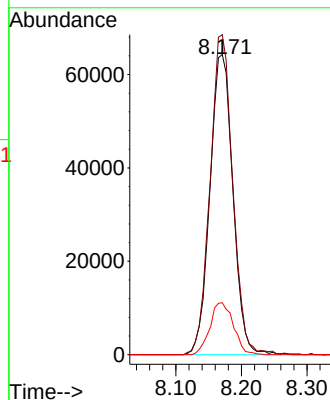
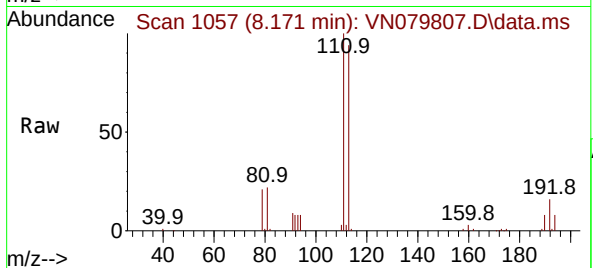
Tgt Ion:113 Resp: 156268

Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 17.8 12.7 19.1



#50

Toluene-d8

Concen: 50.577 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079807.D

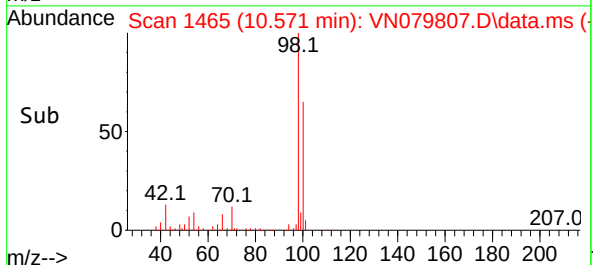
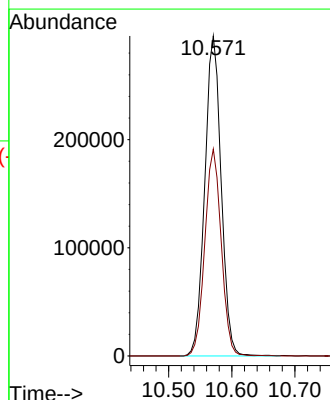
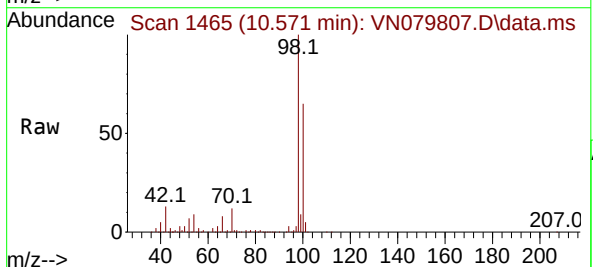
Acq: 02 Nov 2023 19:09

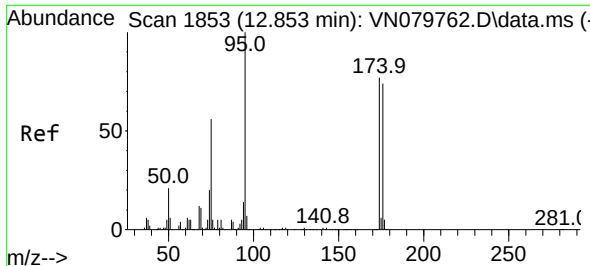
Tgt Ion: 98 Resp: 534392

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

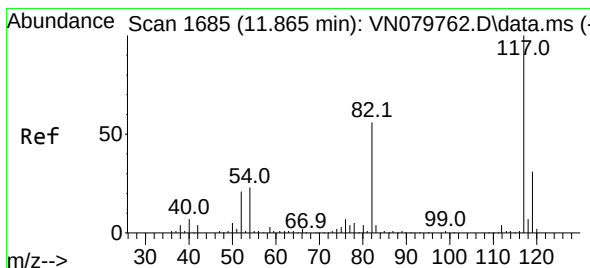
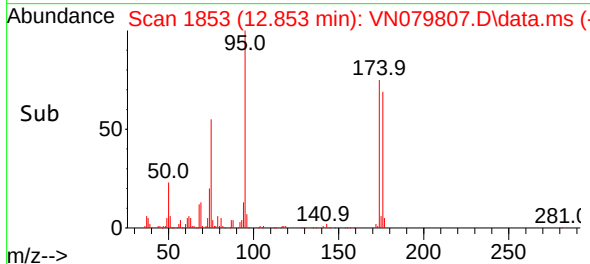
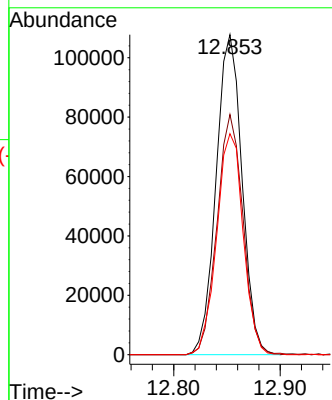
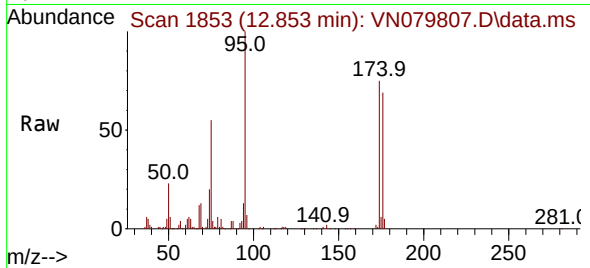




#62
4-Bromofluorobenzene
Concen: 51.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

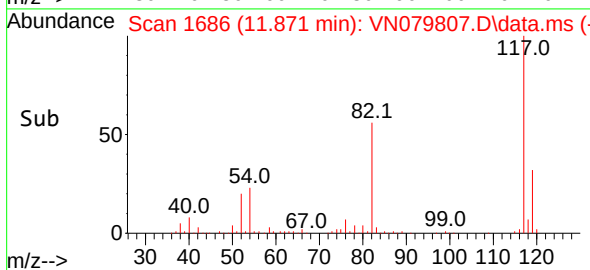
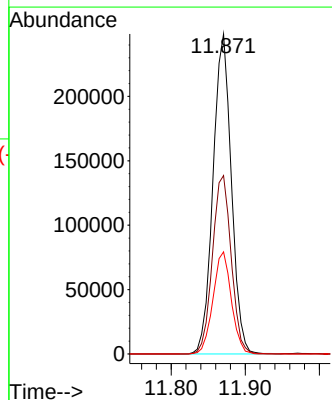
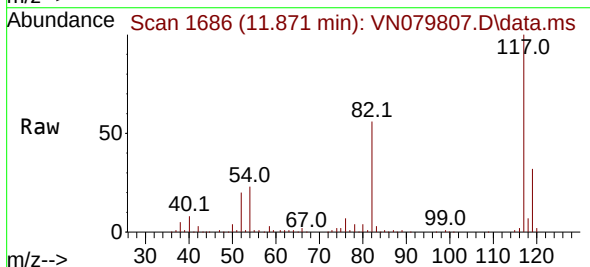
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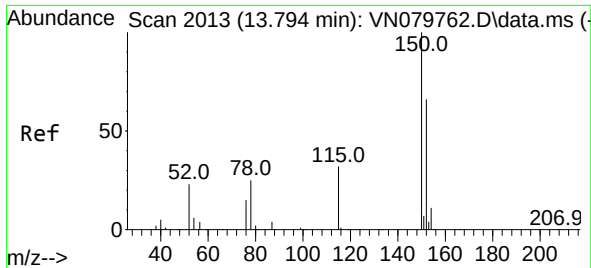
Tgt Ion: 95 Resp: 182043
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

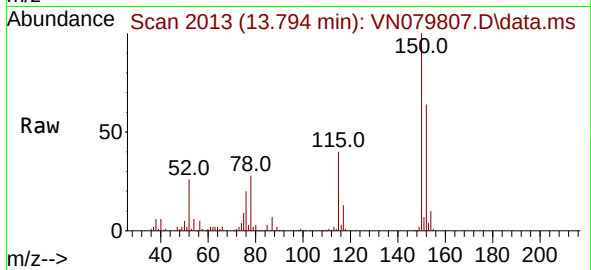
Tgt Ion: 117 Resp: 426591
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079807.D
 Acq: 02 Nov 2023 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322



Tgt Ion:152 Resp: 167410
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 159.9 0.0 355.8

