

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082986.D
 Acq On : 19 Jul 2024 14:10
 Operator : JC\MD
 Sample : P3307-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717

Quant Time: Jul 22 02:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

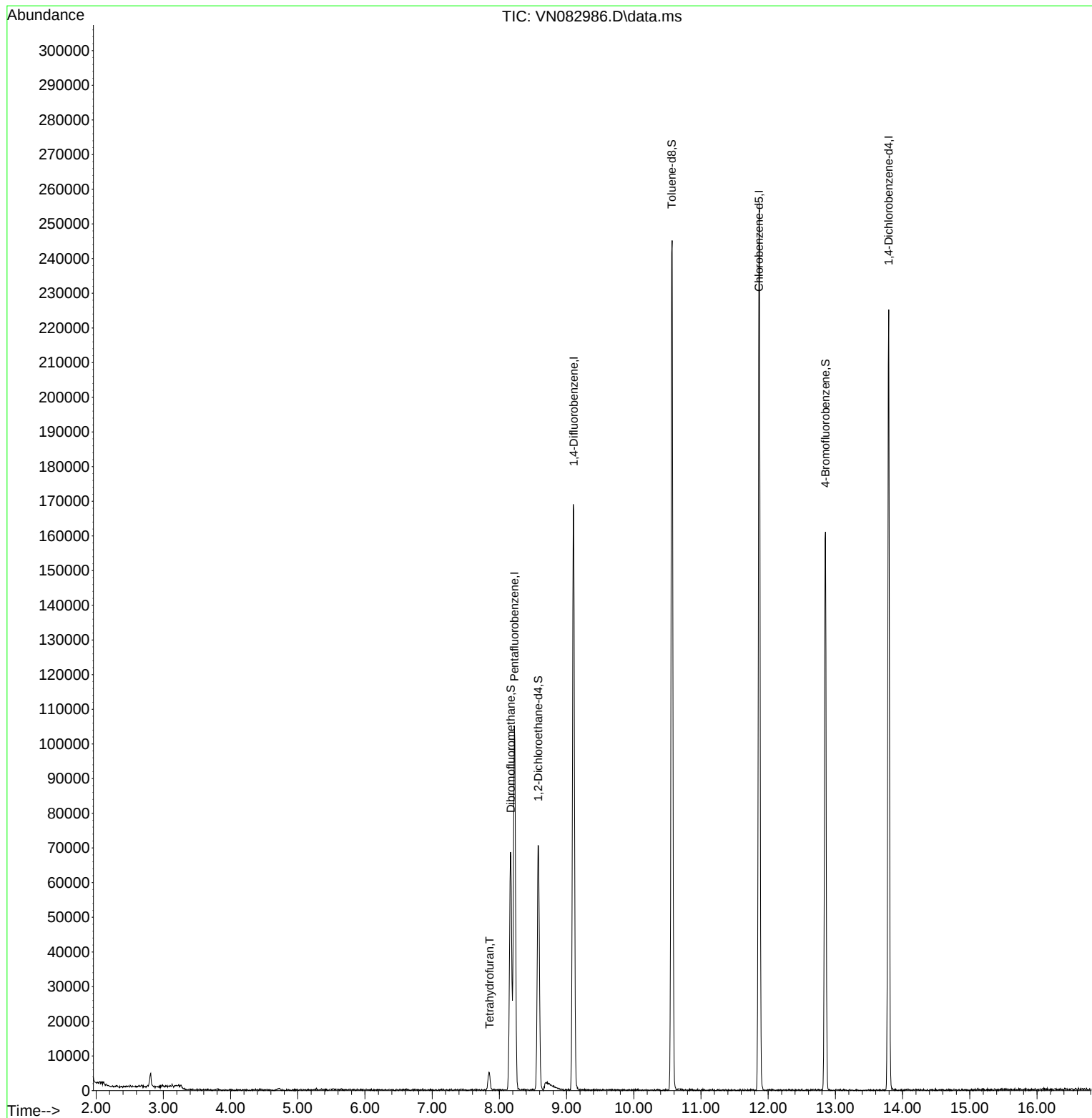
Internal Standards						
1) Pentafluorobenzene	8.224	168	73209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	143883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59045	57.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.080%			
35) Dibromofluoromethane	8.171	113	48695	52.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.565	98	169278	49.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.853	95	51017	41.649	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 83.300%			
Target Compounds						
29) Tetrahydrofuran	7.853	42	3450	10.045	ug/l	Qvalue 96

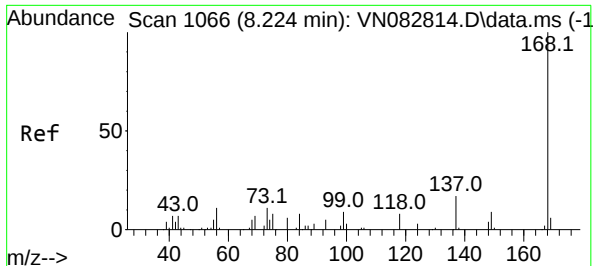
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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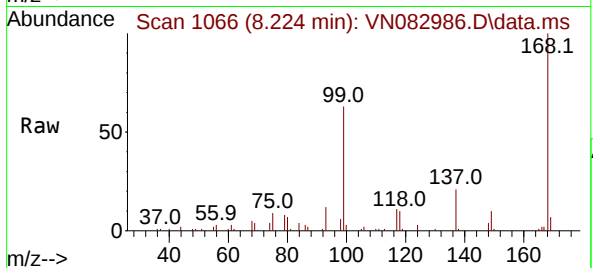
Quant Time: Jul 22 02:05:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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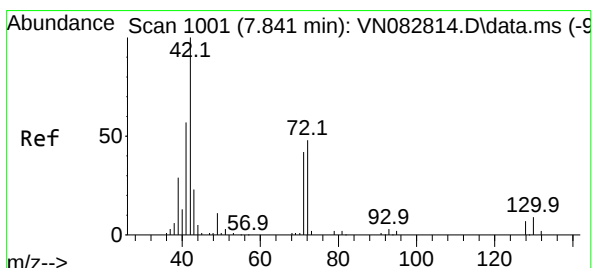
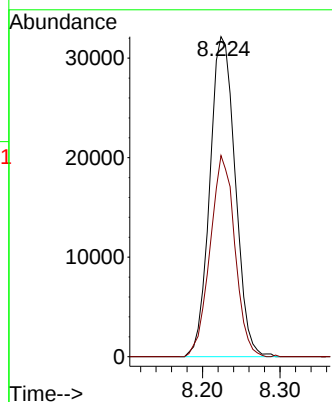
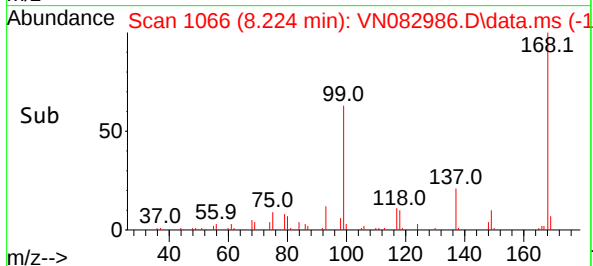


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717

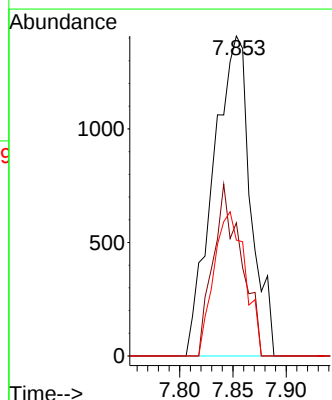
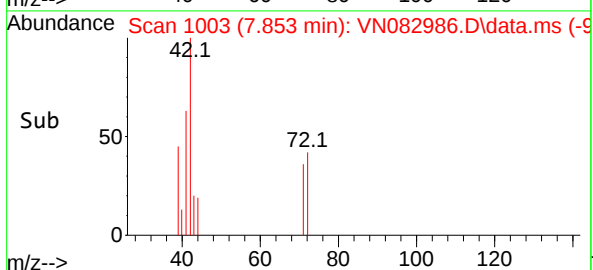
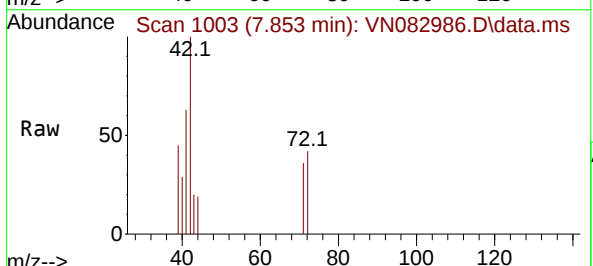


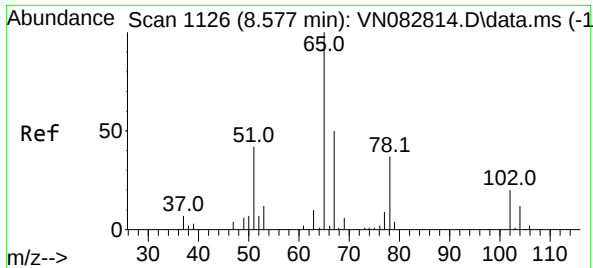
Tgt Ion:168 Resp: 73209
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#29
Tetrahydrofuran
Concen: 10.045 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

Tgt Ion: 42 Resp: 3450
Ion Ratio Lower Upper
42 100
72 40.5 30.0 45.0
71 37.5 28.3 42.5





#33

1,2-Dichloroethane-d4

Concen: 57.535 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

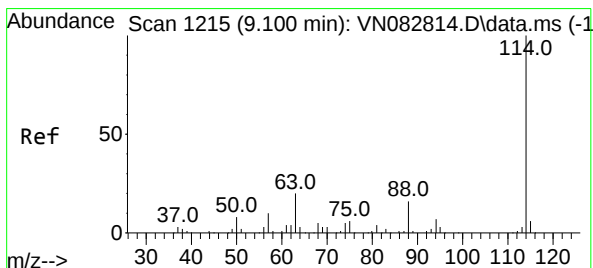
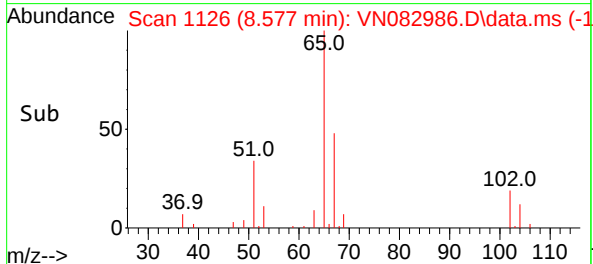
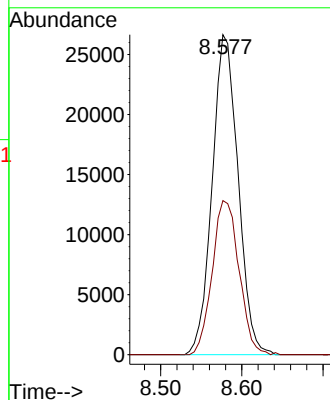
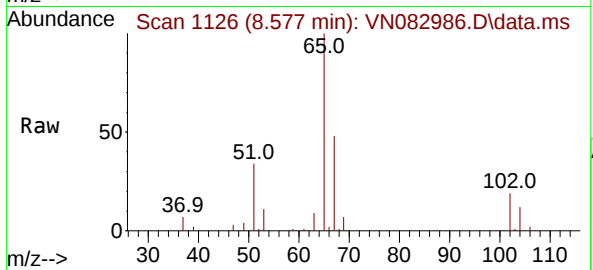
BP-VPB-189-EB-20240717

Tgt Ion: 65 Resp: 59045

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

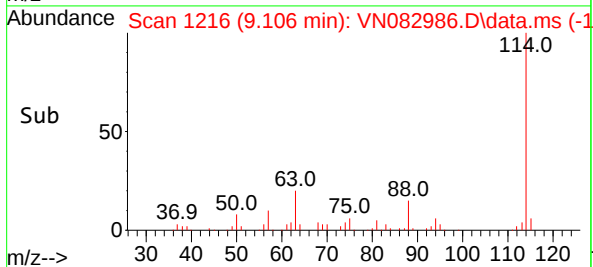
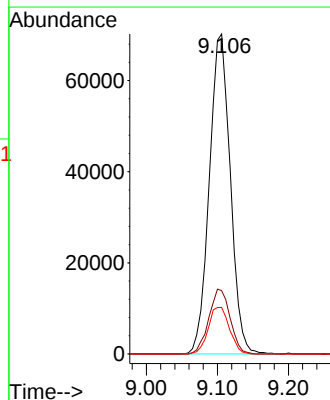
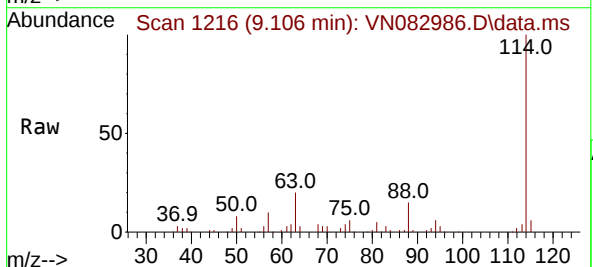
Tgt Ion: 114 Resp: 143883

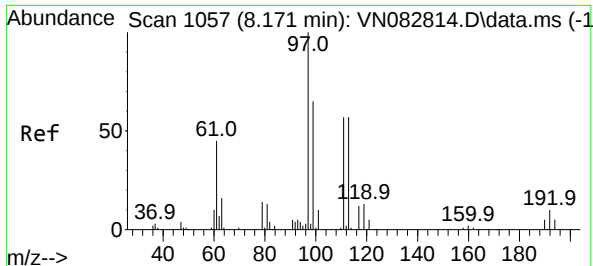
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.742 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082986.D

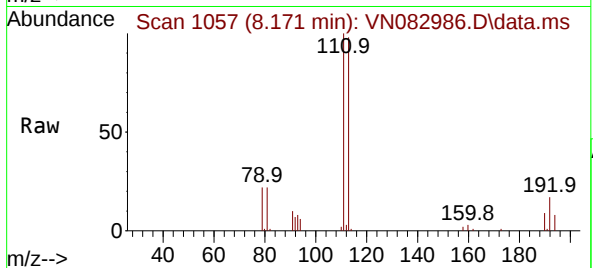
Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240717



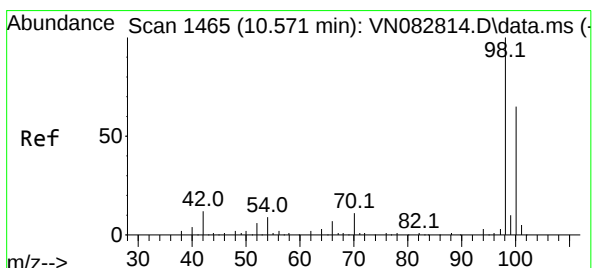
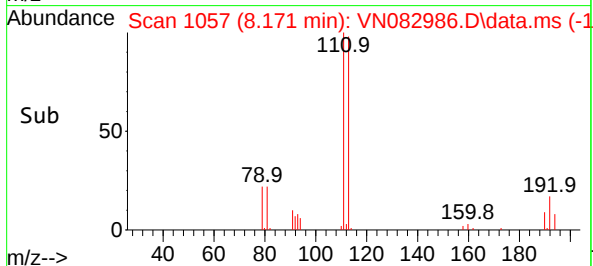
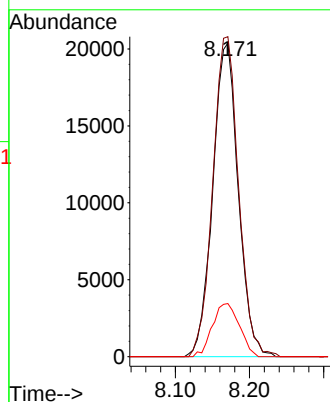
Tgt Ion:113 Resp: 48695

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 17.9 14.9 22.3



#50

Toluene-d8

Concen: 49.641 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082986.D

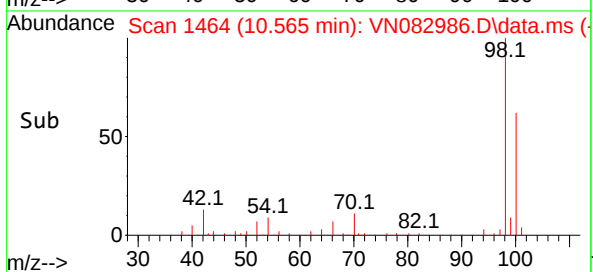
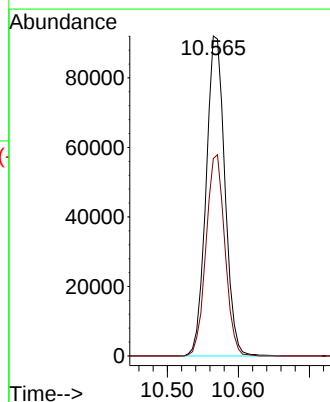
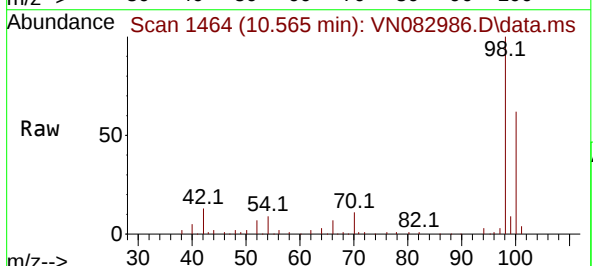
Acq: 19 Jul 2024 14:10

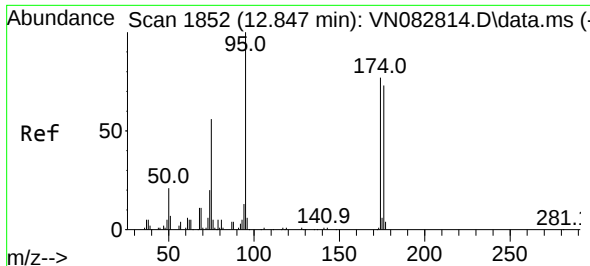
Tgt Ion: 98 Resp: 169278

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3

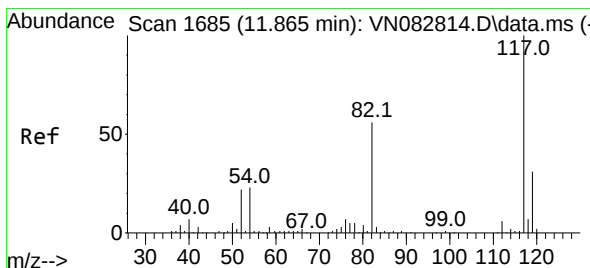
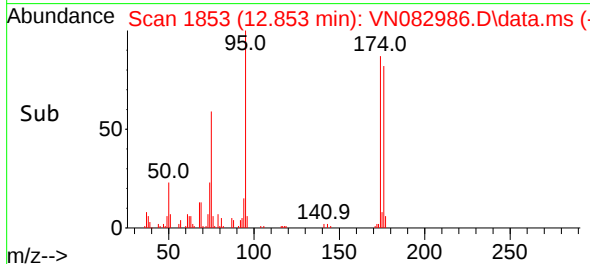
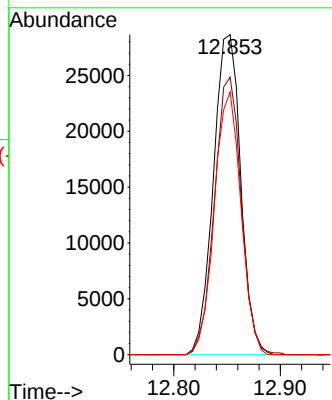
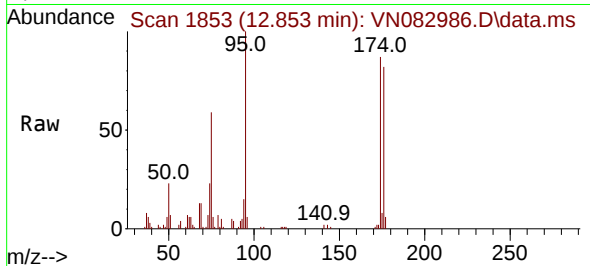




#62
4-Bromofluorobenzene
Concen: 41.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

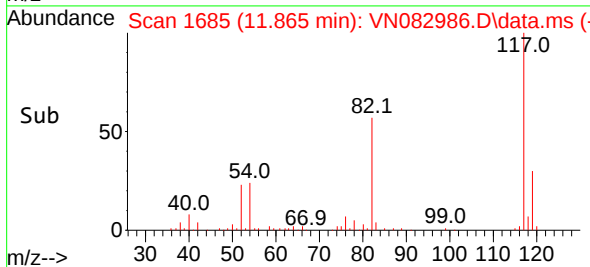
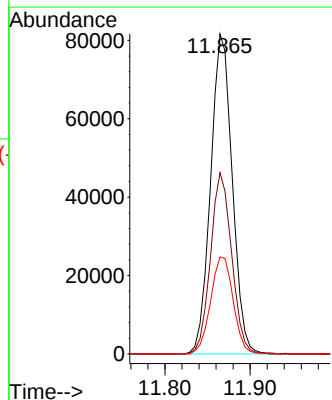
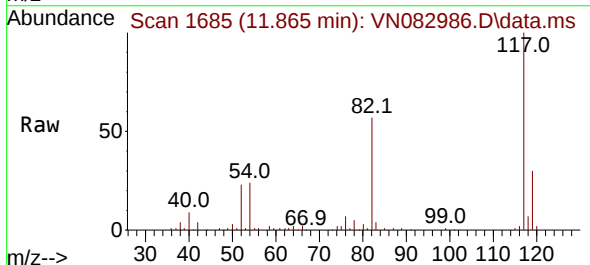
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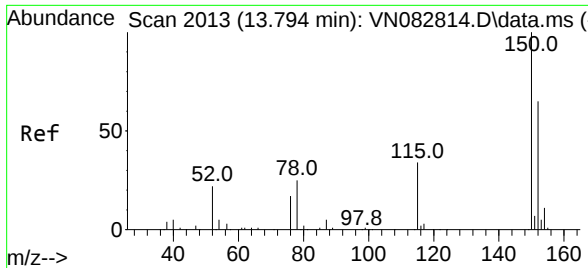
Tgt Ion: 95	Resp: 51017
Ion Ratio	Lower Upper
95 100	
174 85.2	0.0 159.2
176 80.0	0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

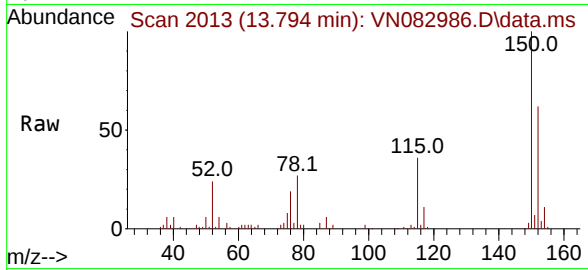
Tgt Ion: 117	Resp: 143850
Ion Ratio	Lower Upper
117 100	
82 56.6	47.5 71.3
119 30.3	25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082986.D
 Acq: 19 Jul 2024 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717



Tgt Ion:	152	Resp:	57681
Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.6	91.6
150	159.7	0.0	348.6

