

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082581.D
 Acq On : 14 Jun 2024 14:25
 Operator : JC\MD
 Sample : P2890-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240612

Quant Time: Jun 14 23:46:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

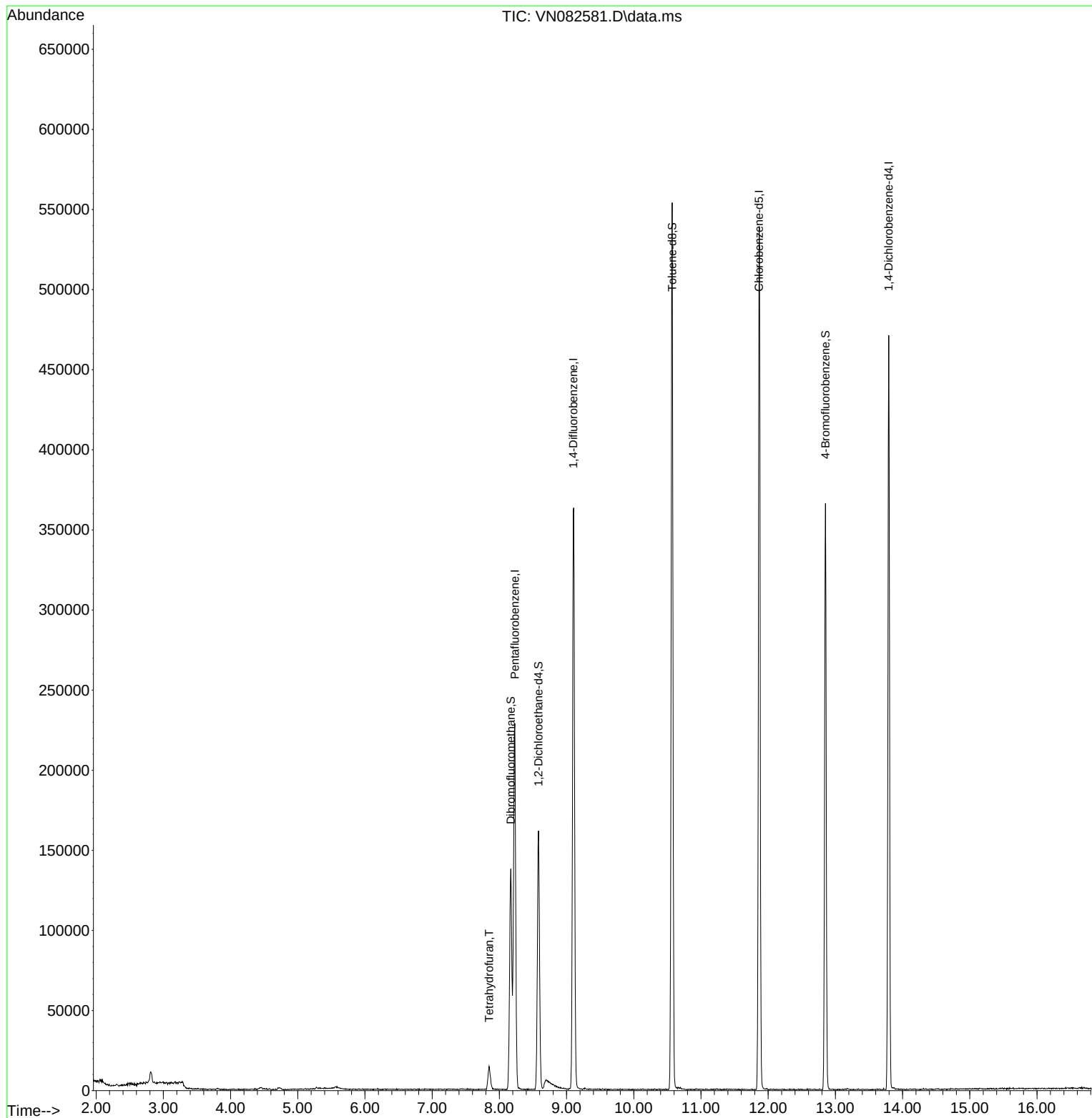
Internal Standards						
1) Pentafluorobenzene	8.230	168	158662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130404	52.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.100%	
35) Dibromofluoromethane	8.171	113	95800	53.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.620%	
50) Toluene-d8	10.571	98	353655	51.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	113758	46.261	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.520%	
Target Compounds						
29) Tetrahydrofuran	7.847	42	10837	10.832	ug/l	Qvalue # 82

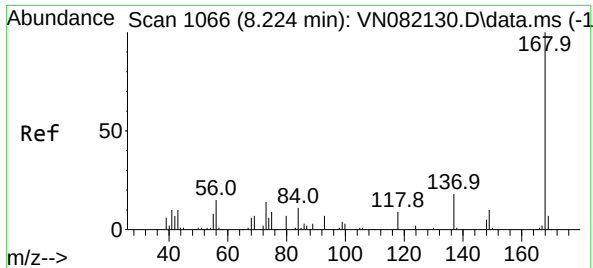
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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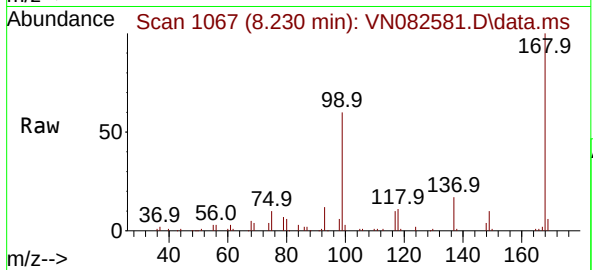
Quant Time: Jun 14 23:46:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



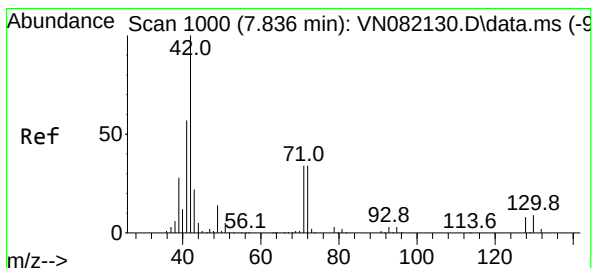
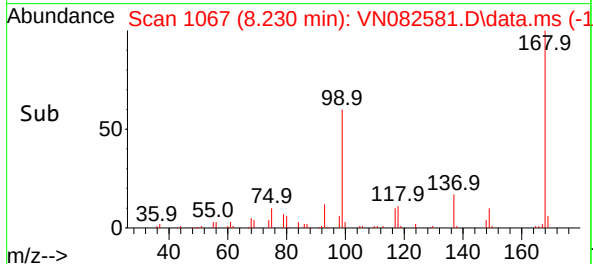
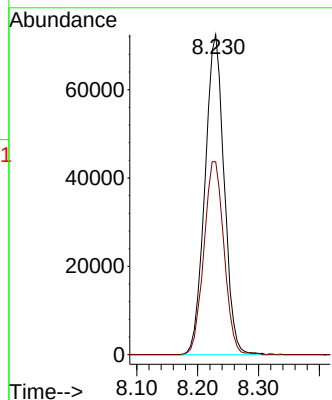


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240612

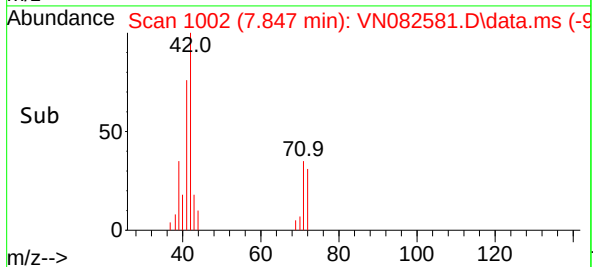
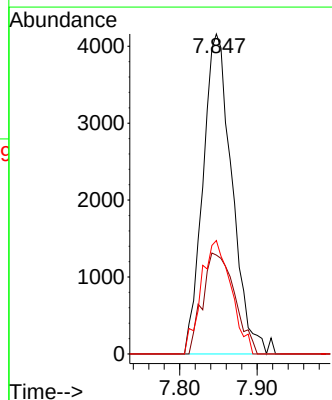
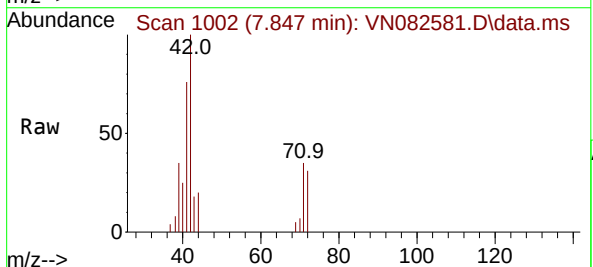


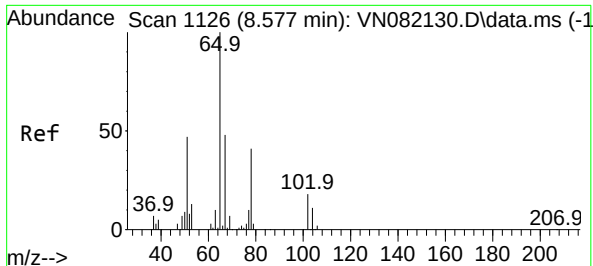
Tgt Ion:168 Resp: 158662
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#29
Tetrahydrofuran
Concen: 10.832 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 42 Resp: 10837
Ion Ratio Lower Upper
42 100
72 34.7 39.3 58.9#
71 36.5 37.4 56.0#





#33

1,2-Dichloroethane-d4

Concen: 52.051 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

Instrument :

MSVOA_N

ClientSampleId :

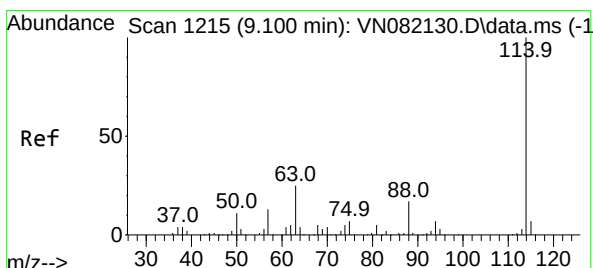
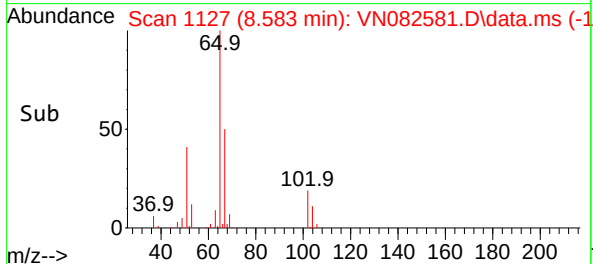
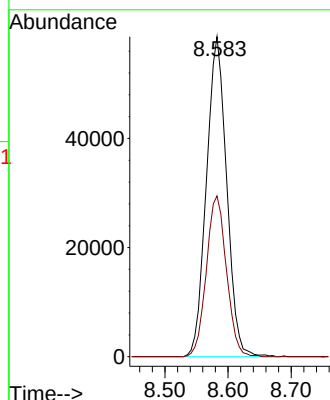
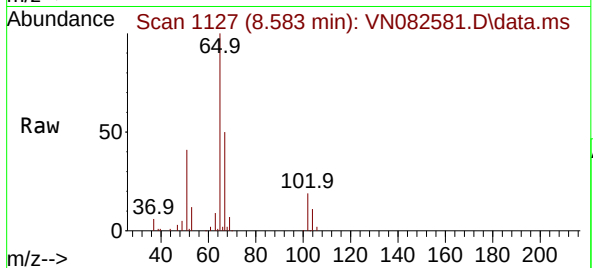
BP-VPB-189-EB-20240612

Tgt Ion: 65 Resp: 130404

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082581.D

Acq: 14 Jun 2024 14:25

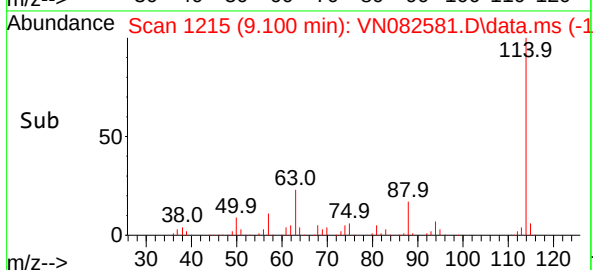
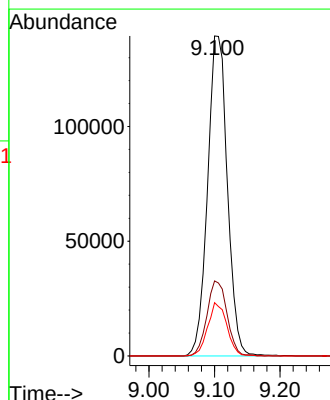
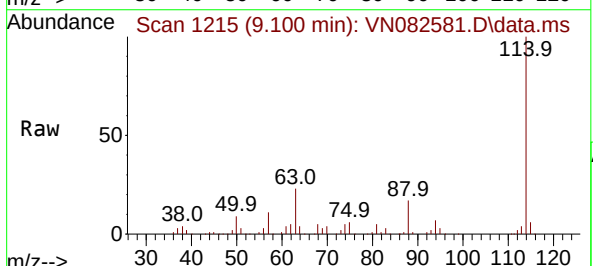
Tgt Ion: 114 Resp: 292123

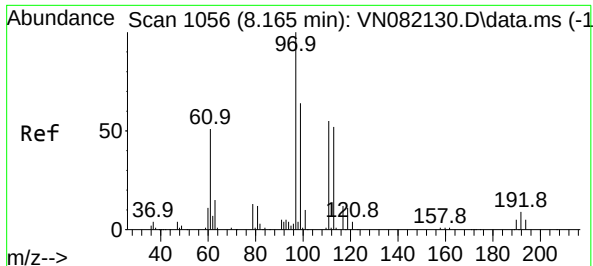
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.7 0.0 31.4

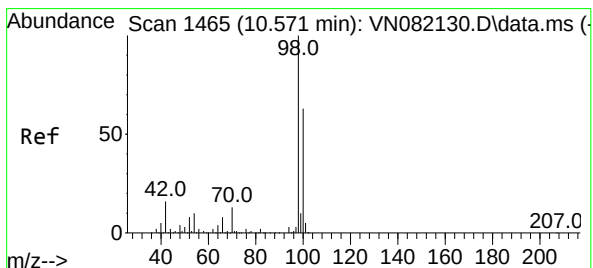
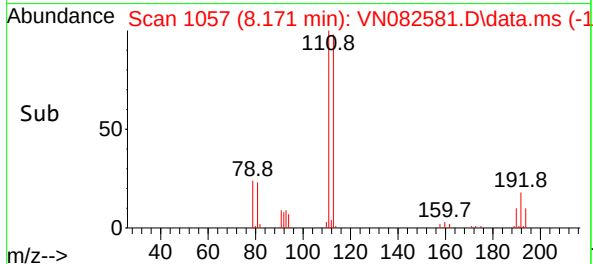
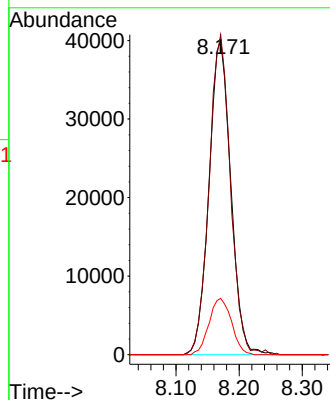
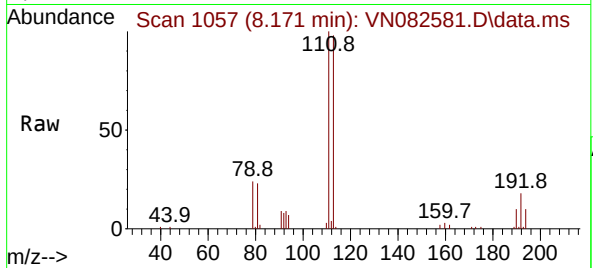




#35
Dibromofluoromethane
Concen: 53.311 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

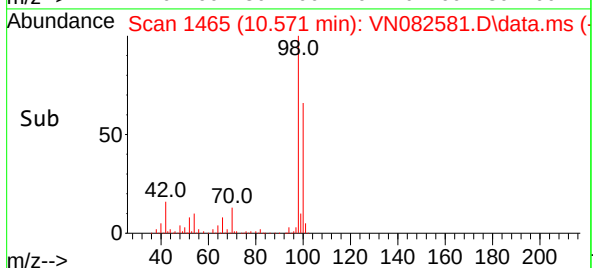
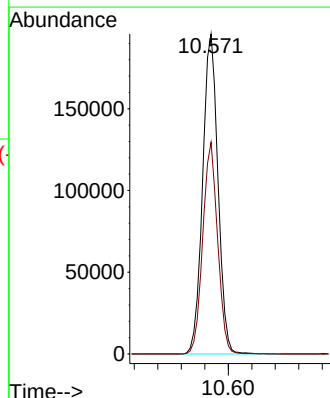
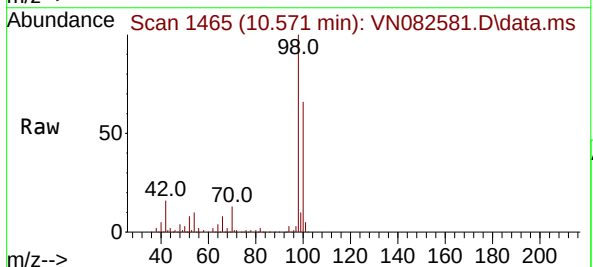
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240612

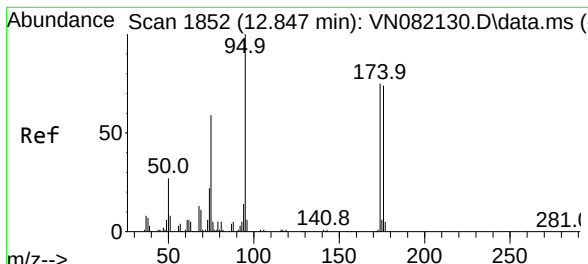
Tgt Ion:113 Resp: 95800
Ion Ratio Lower Upper
113 100
111 100.2 83.4 125.2
192 18.5 14.0 21.0



#50
Toluene-d8
Concen: 51.332 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Tgt Ion: 98 Resp: 353655
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

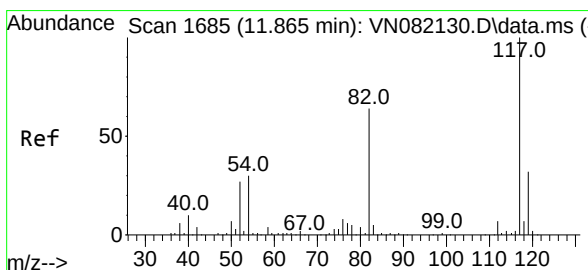
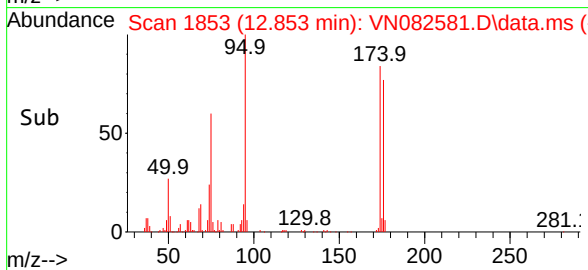
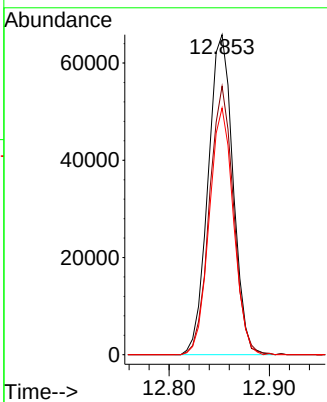
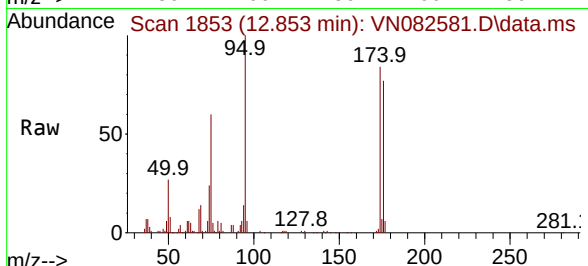




#62
4-Bromofluorobenzene
Concen: 46.261 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

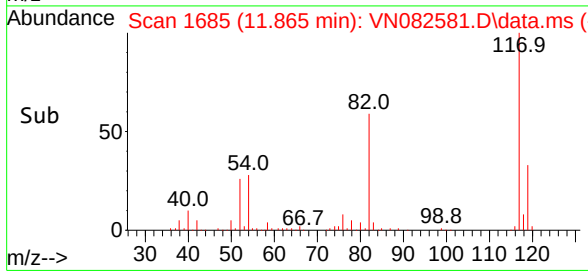
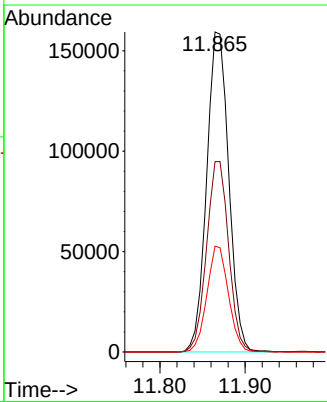
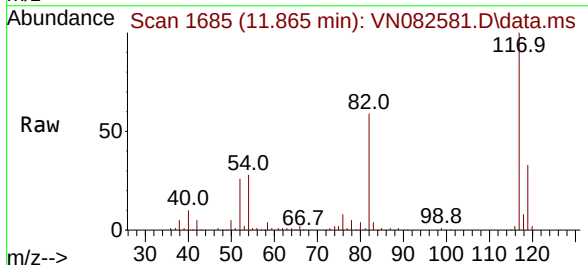
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240612

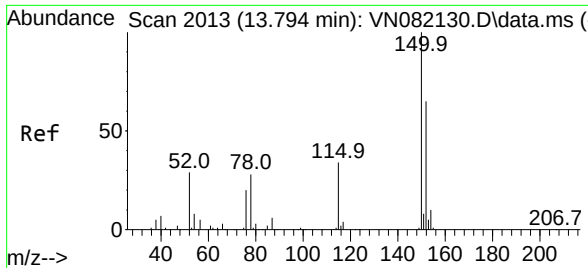
Tgt Ion:	95	Resp:	113758
Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.6
176	75.0	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

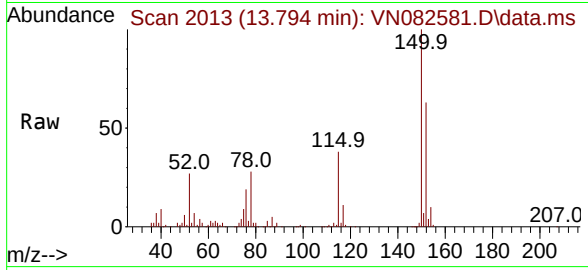
Tgt Ion:	117	Resp:	286991
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.6	66.8
119	33.0	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082581.D
Acq: 14 Jun 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240612



Tgt Ion:	152	Resp:	118566
Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.4	91.3
150	156.3	0.0	353.2

