

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084635.D
 Acq On : 01 Nov 2024 13:53
 Operator : JC\MD
 Sample : P4665-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241029

Quant Time: Nov 04 04:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

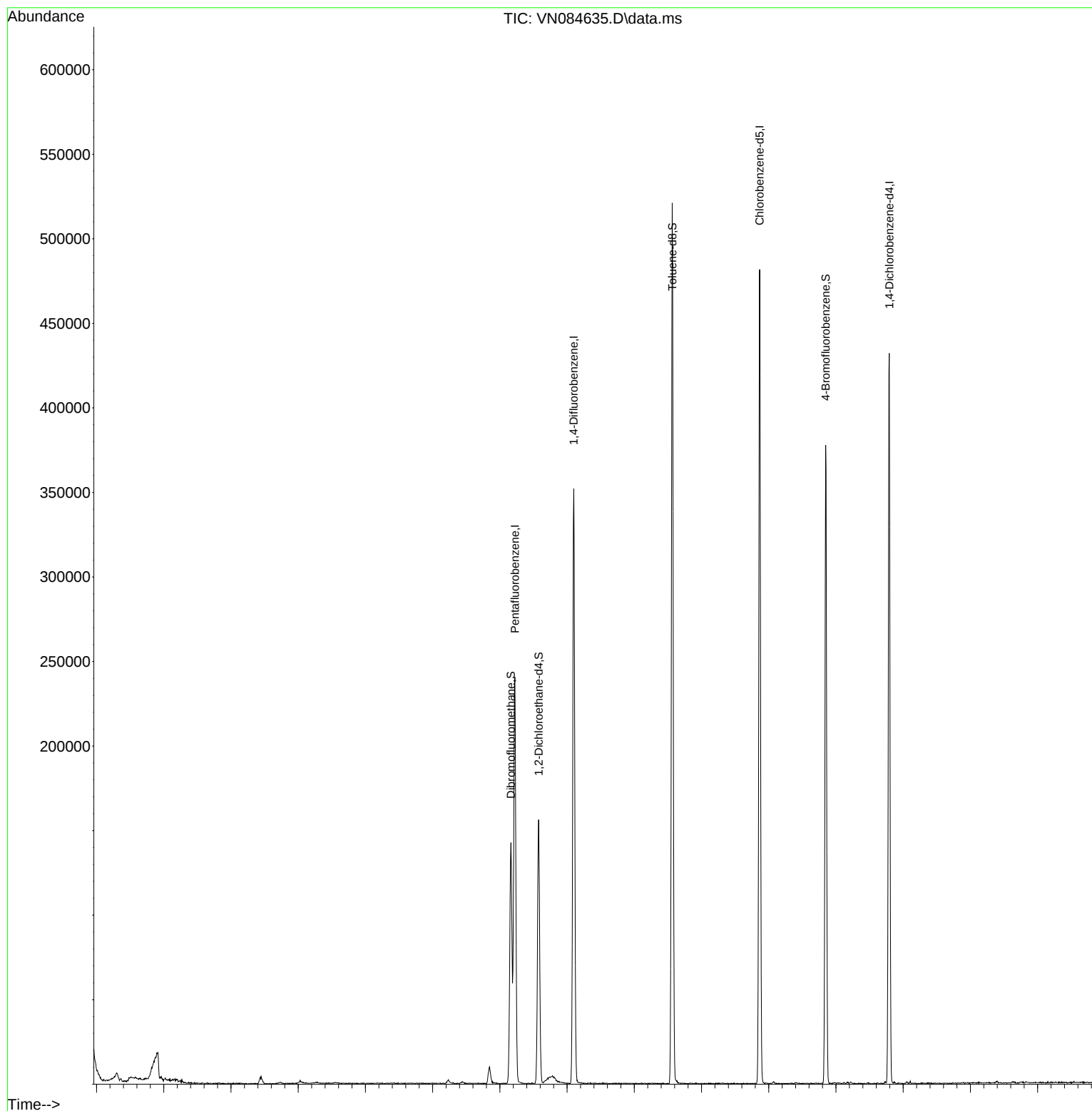
Internal Standards						
1) Pentafluorobenzene	8.223	168	171981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	270682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126157	50.788	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.580%			
35) Dibromofluoromethane	8.165	113	101331	49.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	10.565	98	356786	47.037	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.080%			
62) 4-Bromofluorobenzene	12.847	95	134831	47.562	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.120%			
Target Compounds						
29) Tetrahydrofuran	7.841	42	7157	9.309	ug/l	Qvalue 97

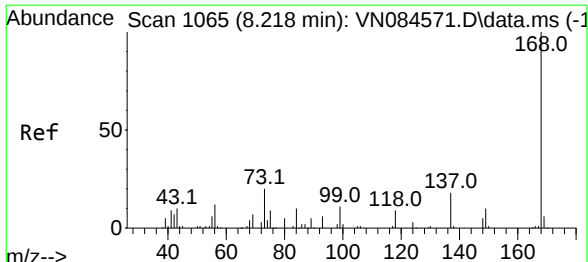
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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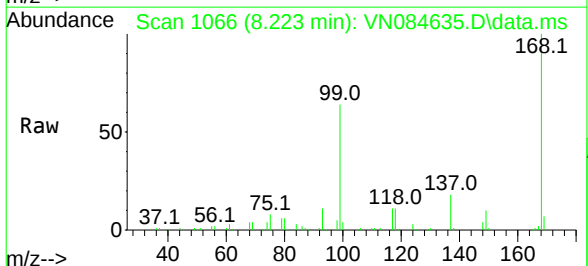
Quant Time: Nov 04 04:27:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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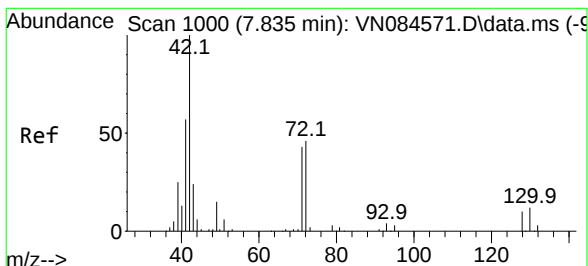
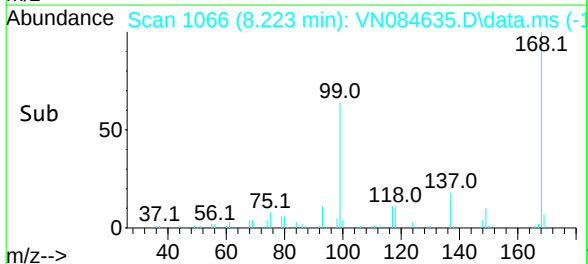
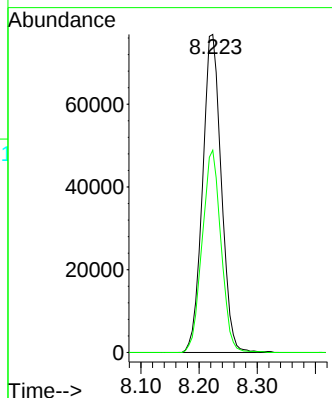


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN084635.D
Acq: 01 Nov 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241029

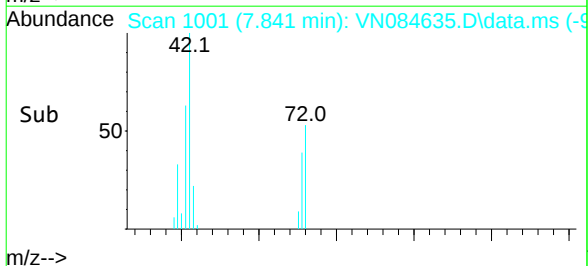
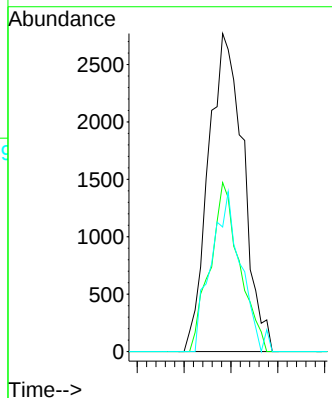
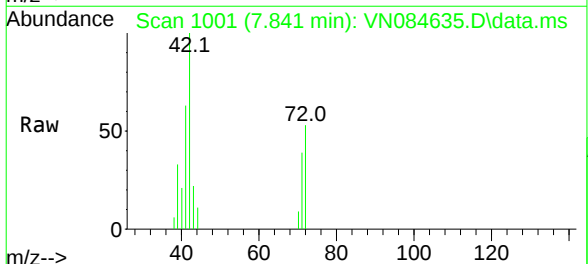


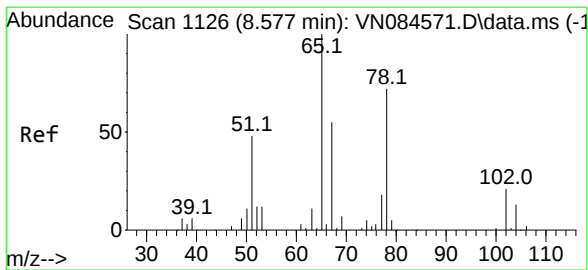
Tgt Ion:168 Resp: 171981
Ion Ratio Lower Upper
168 100
99 63.6 54.2 81.2



#29
Tetrahydrofuran
Concen: 9.309 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084635.D
Acq: 01 Nov 2024 13:53

Tgt Ion: 42 Resp: 7157
Ion Ratio Lower Upper
42 100
72 44.9 34.6 51.8
71 43.0 32.2 48.4

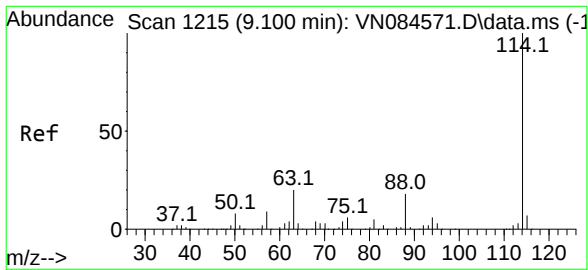
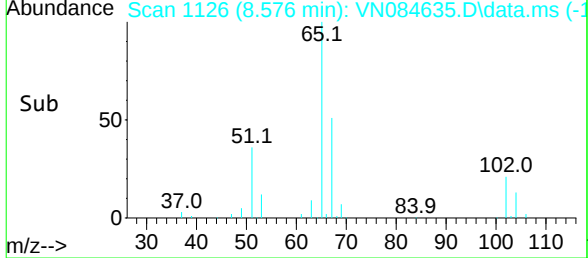
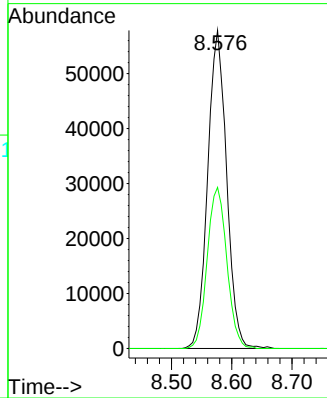
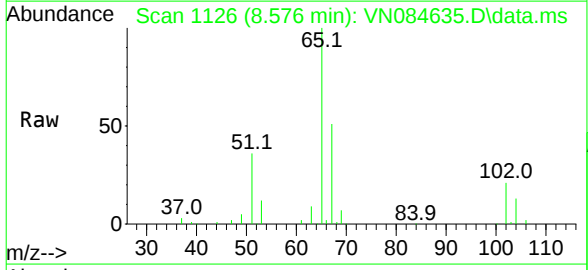




#33
 1,2-Dichloroethane-d4
 Concen: 50.788 ug/l
 RT: 8.576 min Scan# 111
 Delta R.T. -0.001 min
 Lab File: VN084635.D
 Acq: 01 Nov 2024 13:53

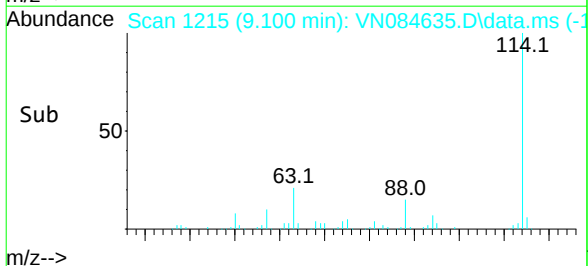
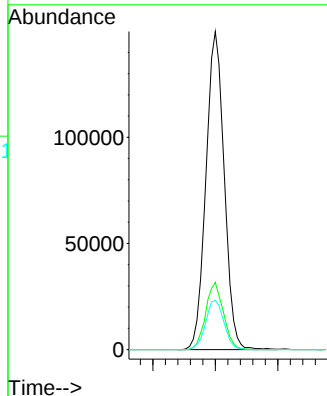
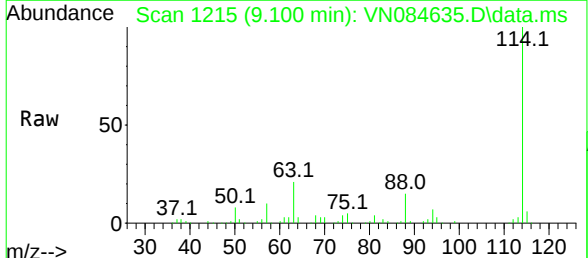
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241029

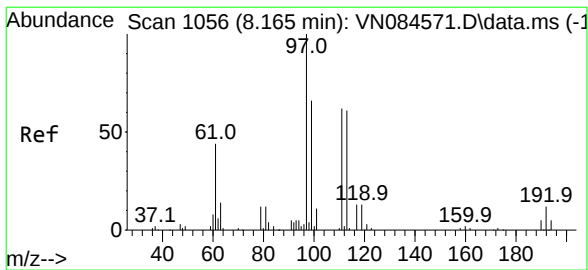
Tgt Ion: 65 Resp: 126157
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084635.D
 Acq: 01 Nov 2024 13:53

Tgt Ion: 114 Resp: 304211
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.210 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084635.D

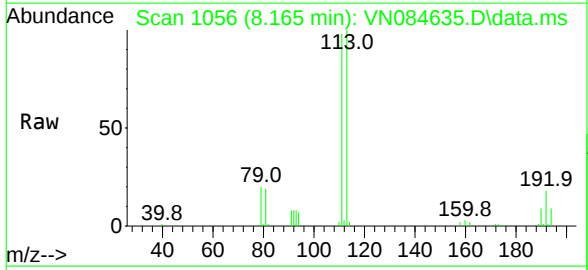
Acq: 01 Nov 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241029



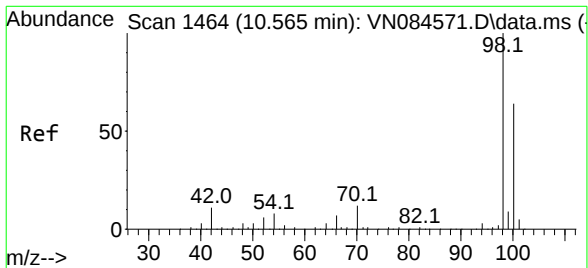
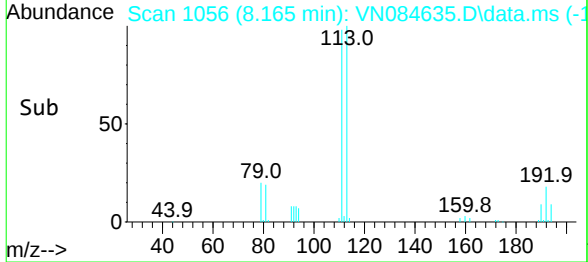
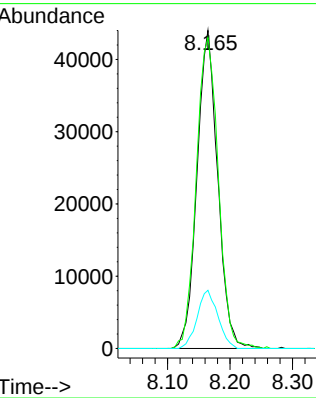
Tgt Ion: 113 Resp: 101331

Ion Ratio Lower Upper

113 100

111 104.0 83.3 124.9

192 18.3 13.5 20.3



#50

Toluene-d8

Concen: 47.037 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084635.D

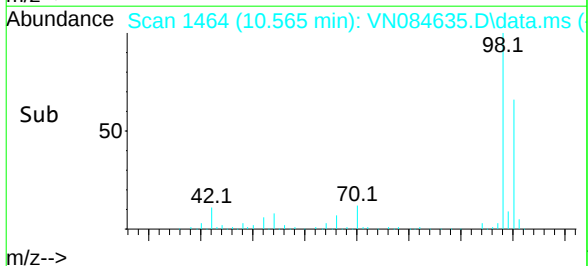
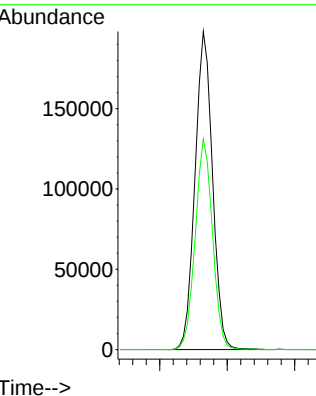
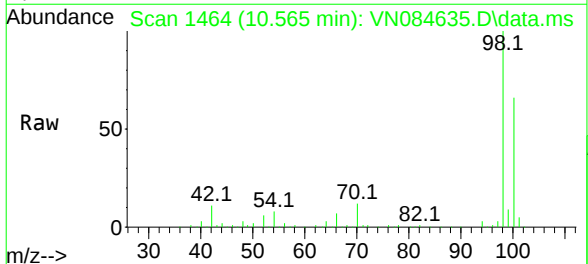
Acq: 01 Nov 2024 13:53

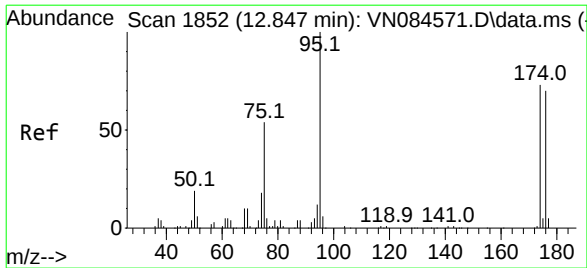
Tgt Ion: 98 Resp: 356786

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 47.562 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084635.D

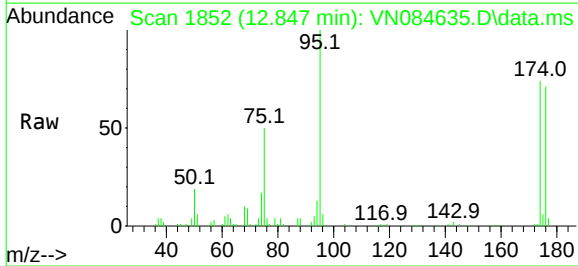
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Instrument :

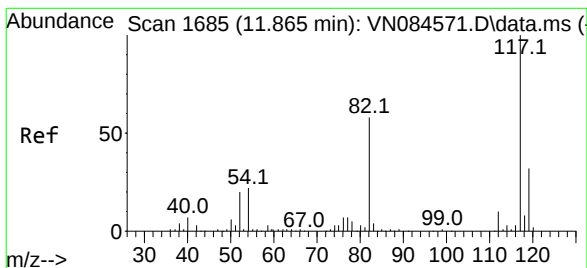
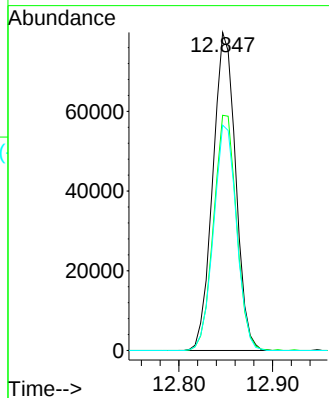
MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241029



Tgt Ion:	95	Resp:	134831
Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	145.2
176	71.3	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

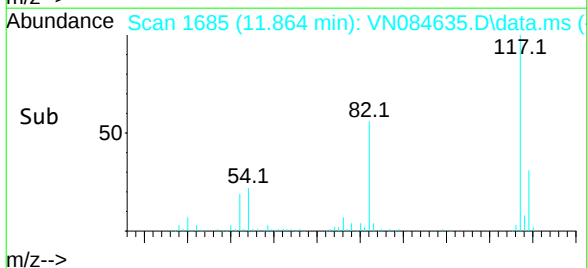
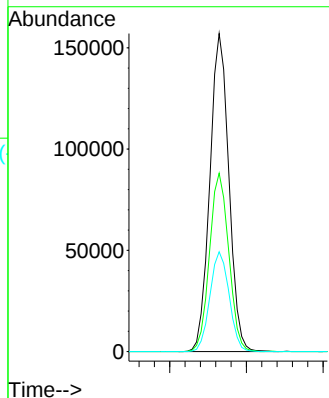
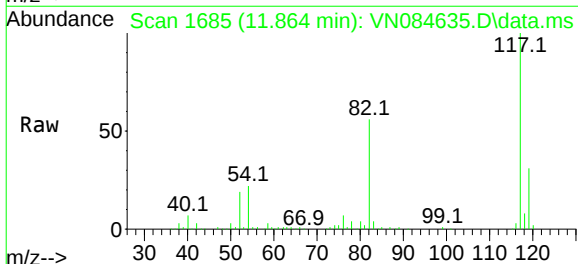
RT: 11.864 min Scan# 1685

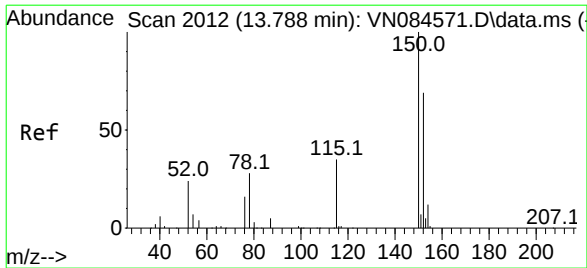
Delta R.T. -0.001 min

Lab File: VN084635.D

Acq: 01 Nov 2024 13:53

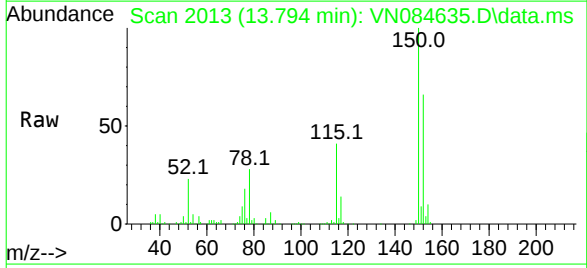
Tgt Ion:	117	Resp:	270682
Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.2	70.8
119	31.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084635.D
 Acq: 01 Nov 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241029



Tgt Ion:	152	Resp:	117747
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.3	93.9
150	157.0	0.0	349.8

