

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083893.D
 Acq On : 14 Sep 2024 16:20
 Operator : JC\MD
 Sample : P3886-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-090624

Quant Time: Sep 16 01:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	154081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113341	48.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.165	113	81317	47.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	10.565	98	289891	49.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.847	95	94560	39.035	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	78.060%

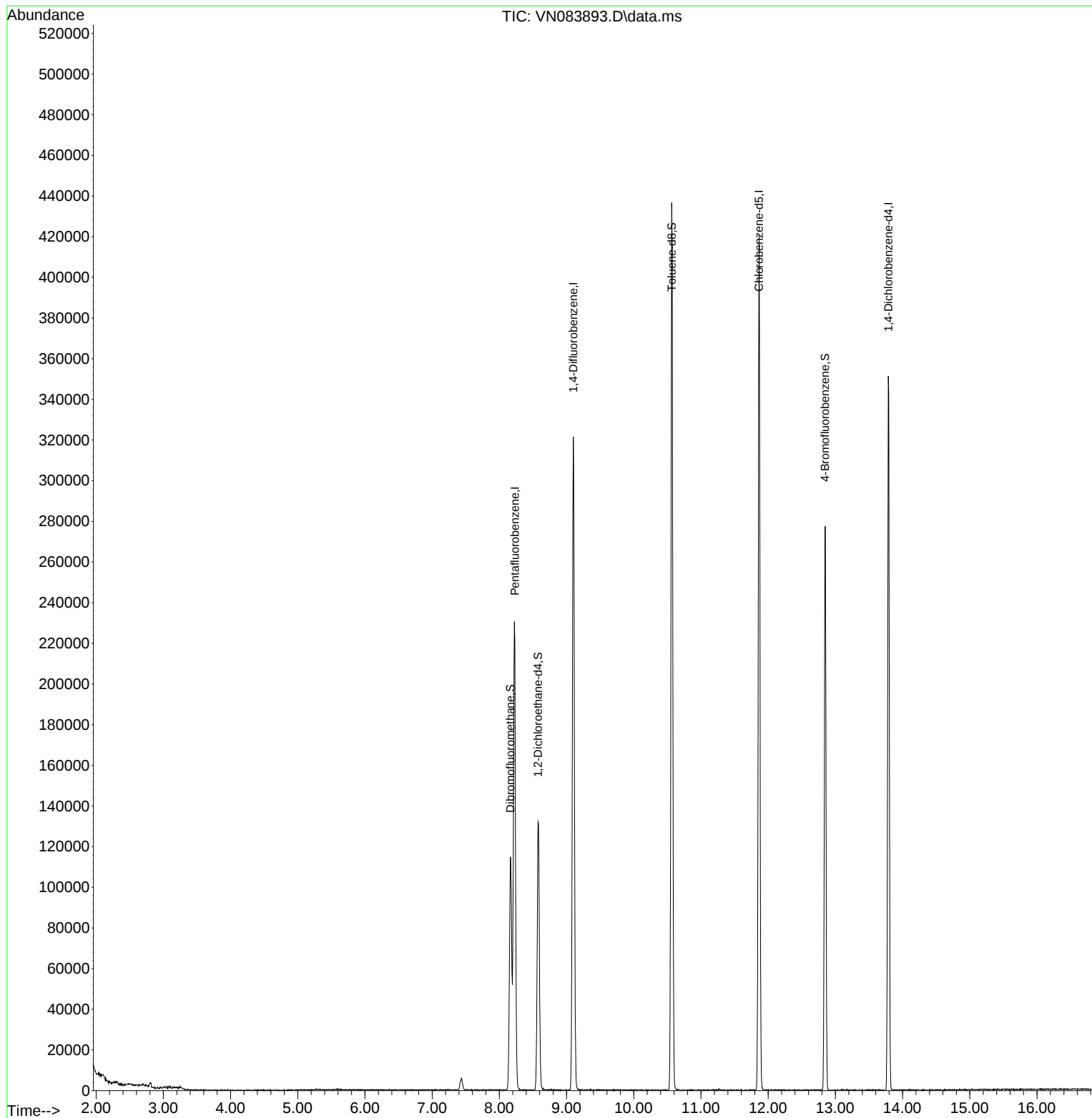
Target Compounds	Qvalue

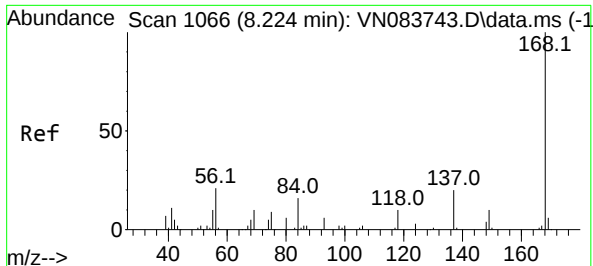
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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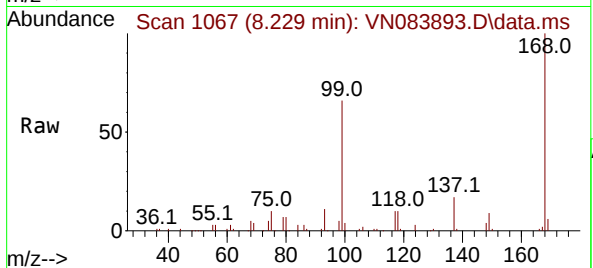
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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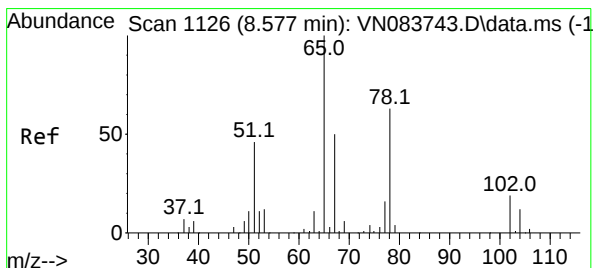
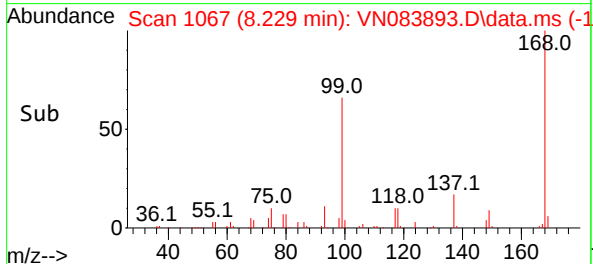
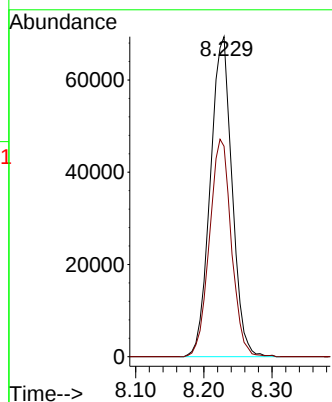


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

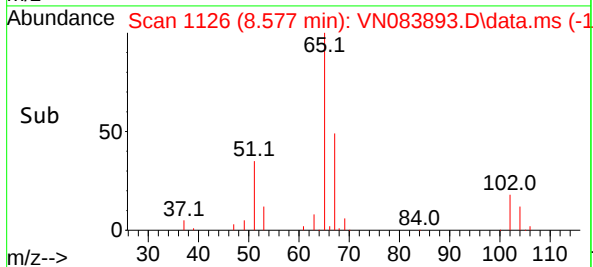
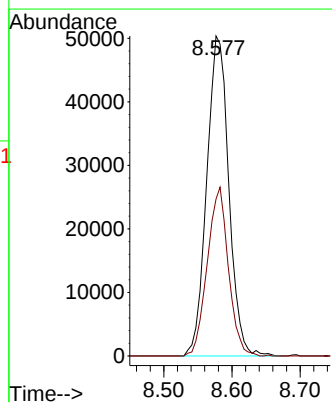
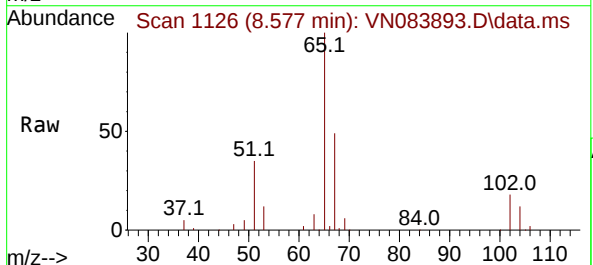


Tgt Ion:168 Resp: 154081
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.784 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 65 Resp: 113341
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

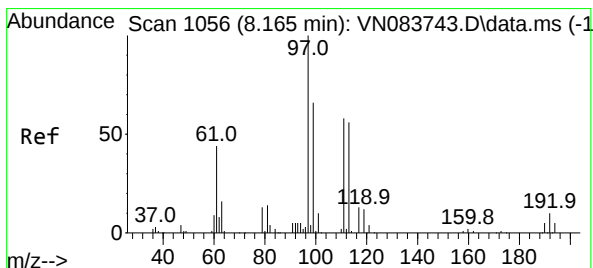
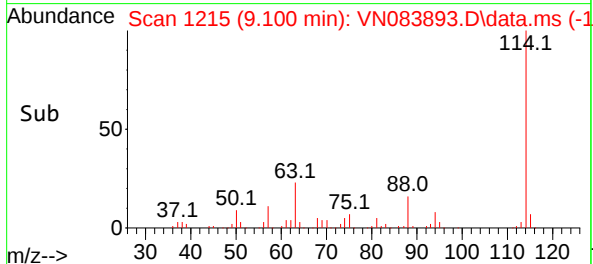
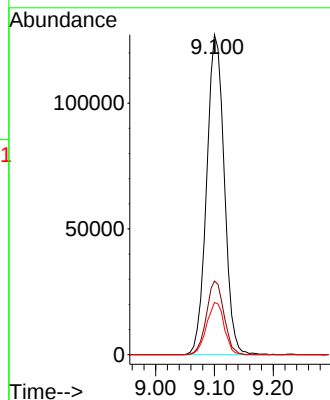
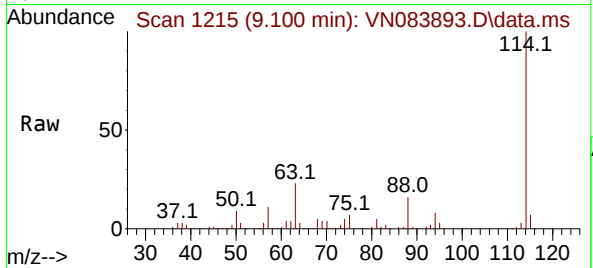




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

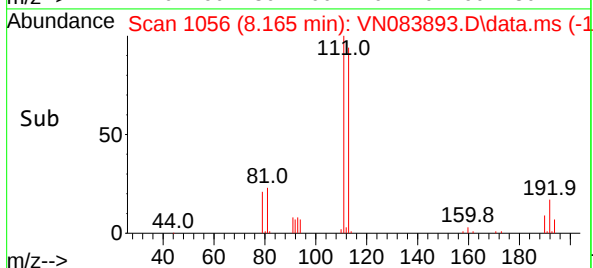
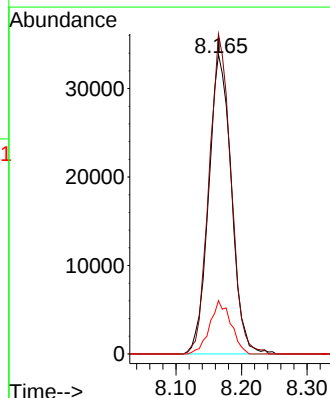
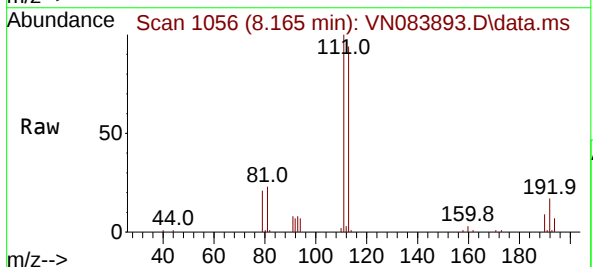
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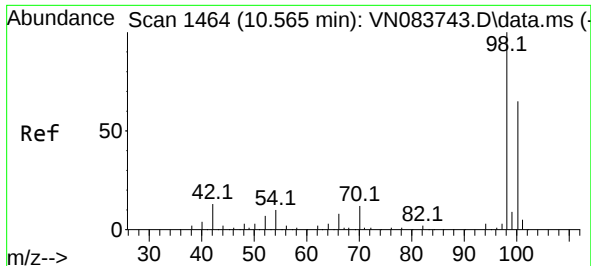
Tgt Ion:114 Resp: 265300
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.878 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion:113 Resp: 81317
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 16.6 14.3 21.5

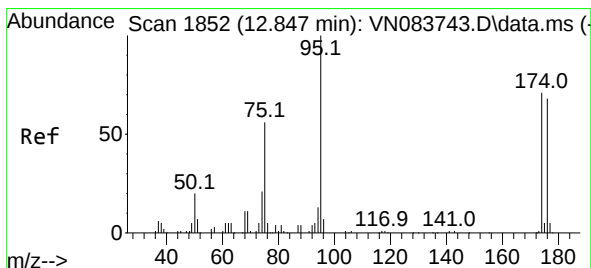
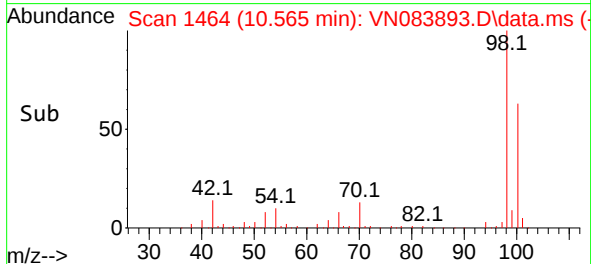
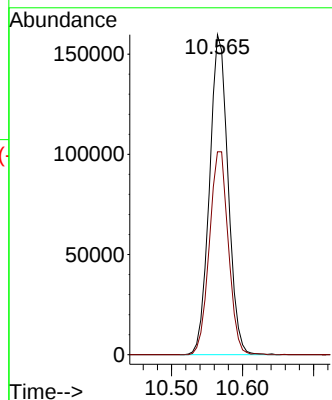
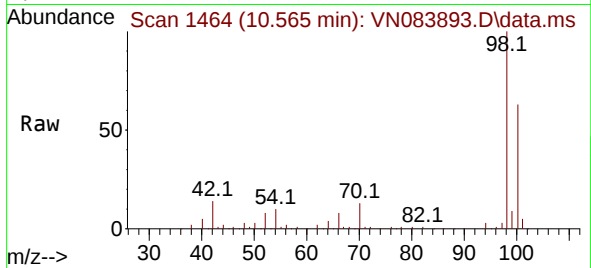




#50
Toluene-d8
Concen: 49.372 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

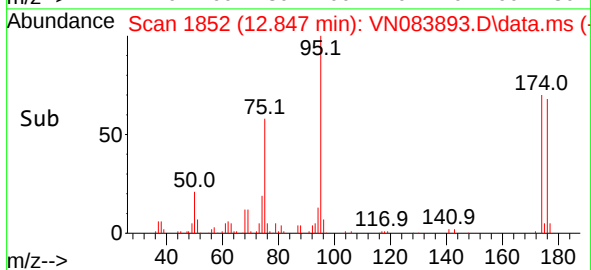
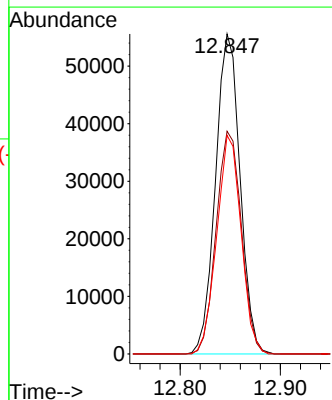
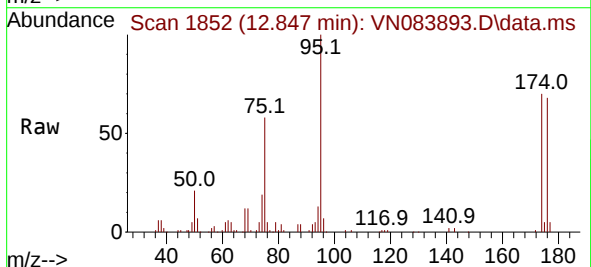
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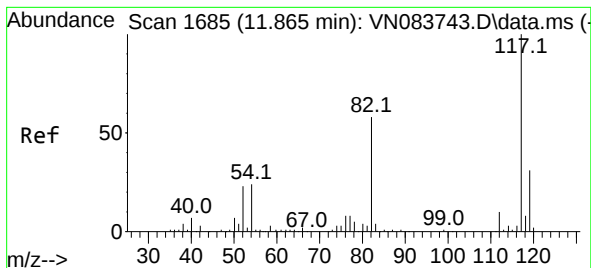
Tgt Ion: 98 Resp: 289891
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.035 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 95 Resp: 94560
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 67.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

FB01-090624

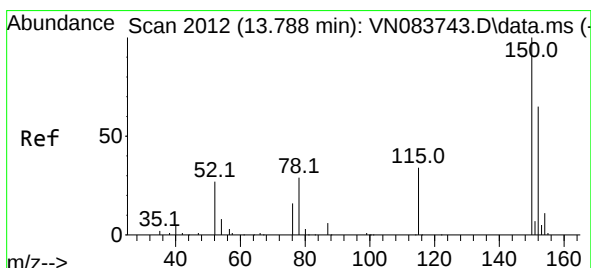
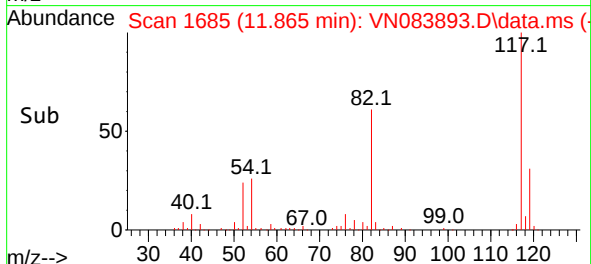
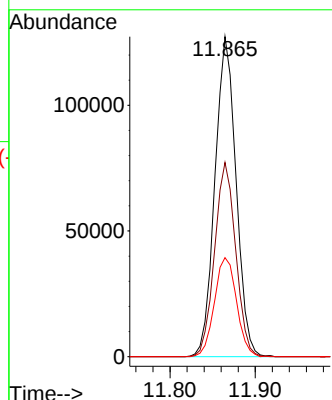
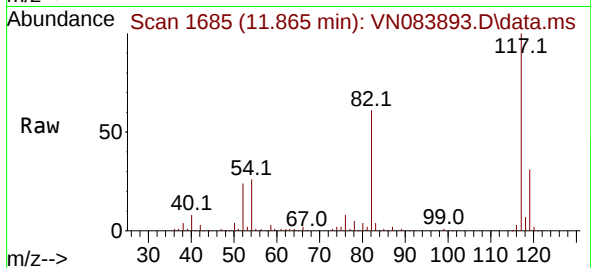
Tgt Ion:117 Resp: 219212

Ion Ratio Lower Upper

117 100

82 60.7 47.4 71.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

Tgt Ion:152 Resp: 88274

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 159.8 0.0 348.6

