

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083738.D
 Acq On : 09 Sep 2024 23:48
 Operator : JC\MD
 Sample : P3837-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RAIN-TANK

Quant Time: Sep 10 02:21:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97249	58.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.640%	
35) Dibromofluoromethane	8.165	113	77856	52.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	10.565	98	269389	46.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.940%	
62) 4-Bromofluorobenzene	12.847	95	128131	59.633	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.260%	

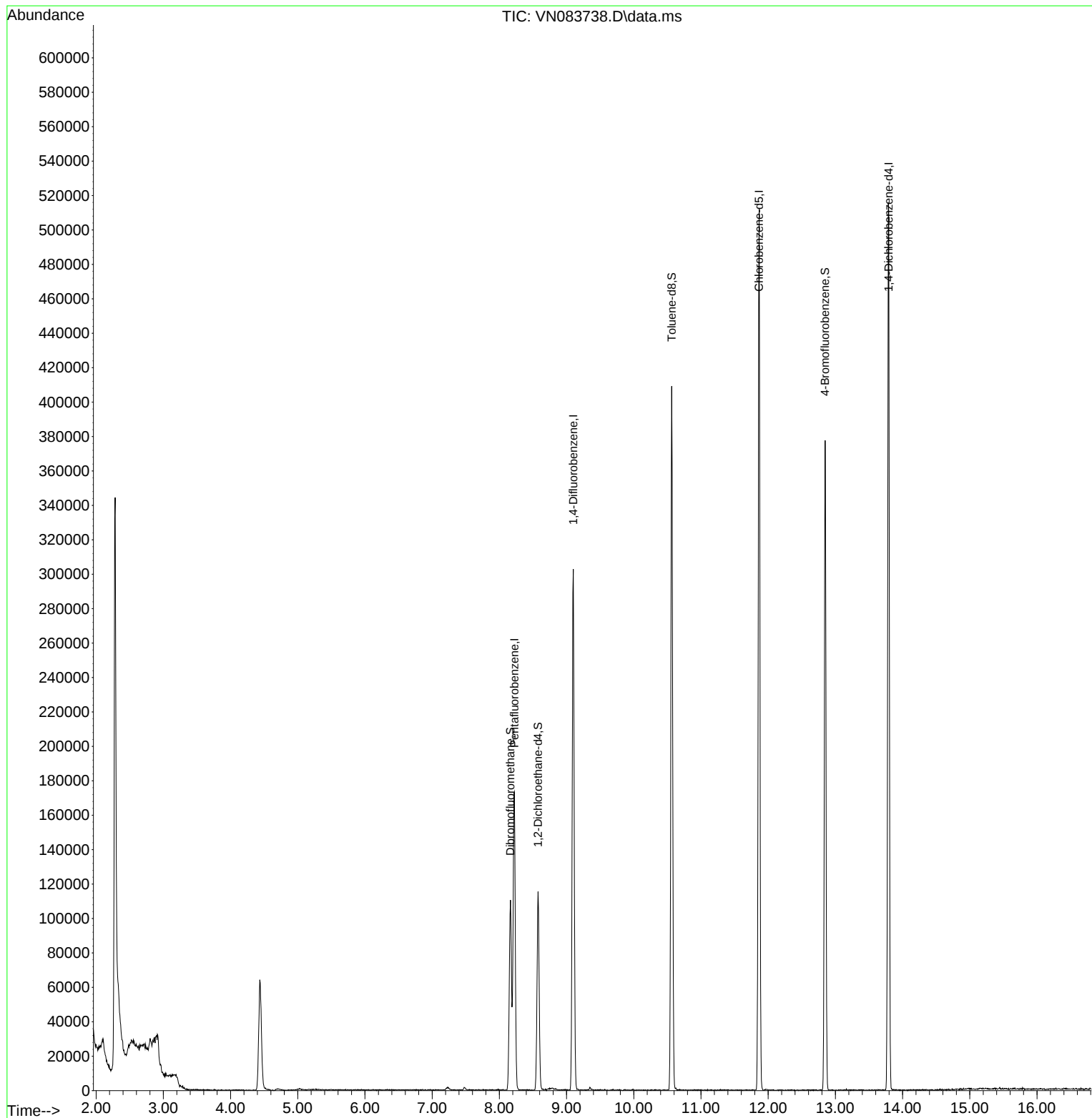
Target Compounds	Qvalue

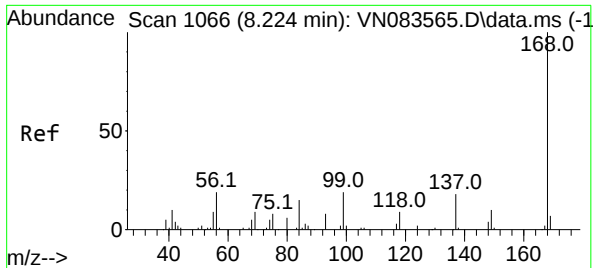
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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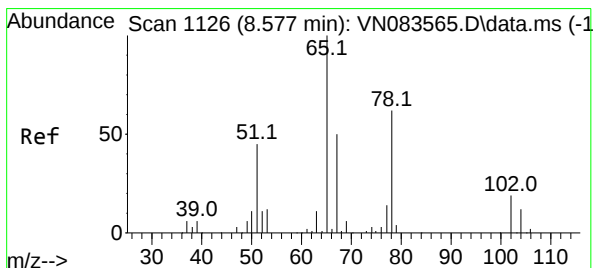
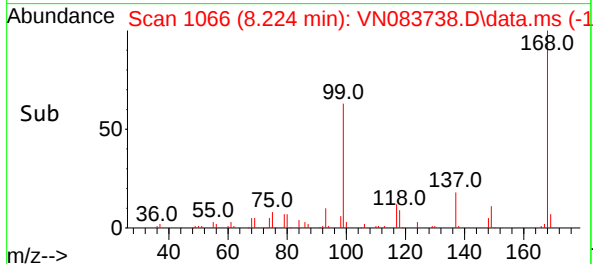
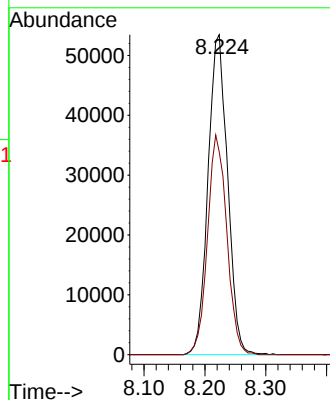
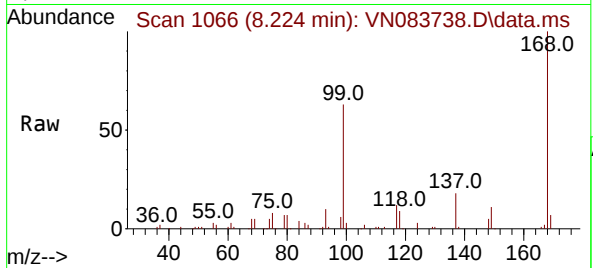




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

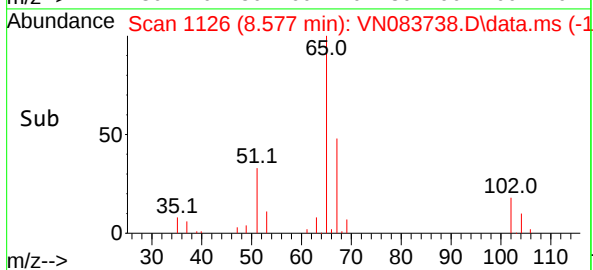
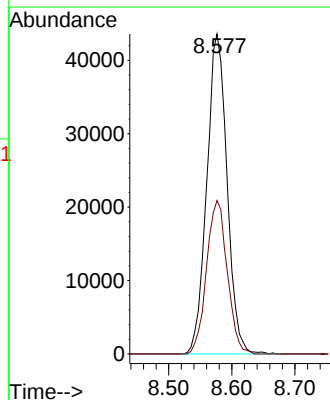
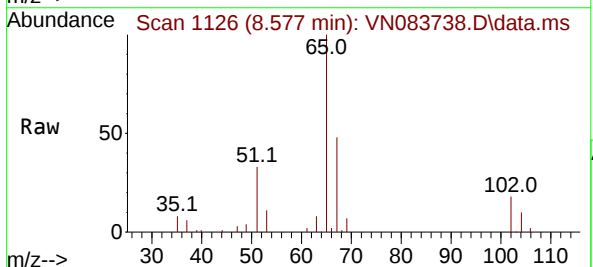
Instrument :
MSVOA_N
ClientSampleId :
RAIN-TANK

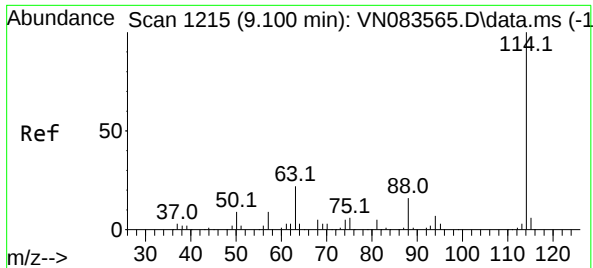
Tgt Ion:168 Resp: 119313
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 58.320 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 65 Resp: 97249
Ion Ratio Lower Upper
65 100
67 48.9 0.0 100.8

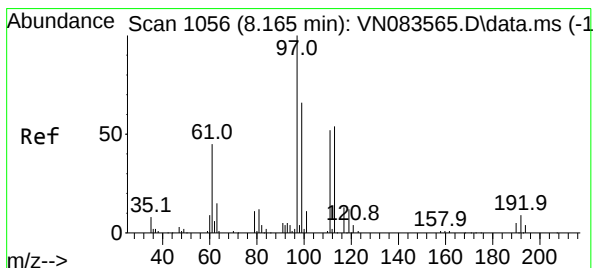
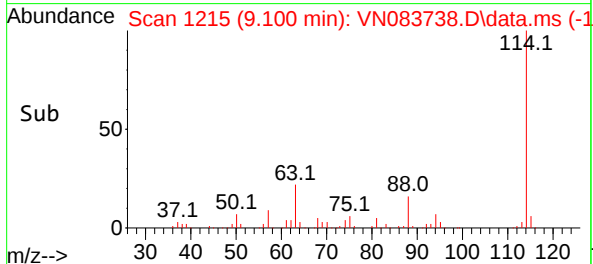
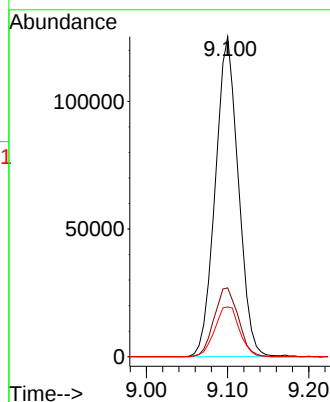
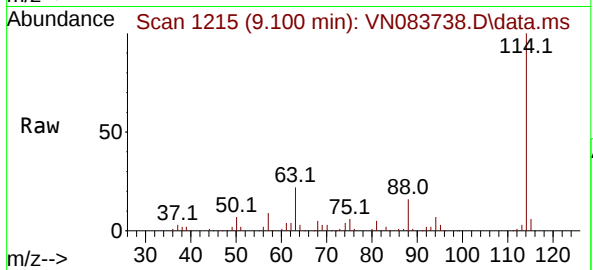




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

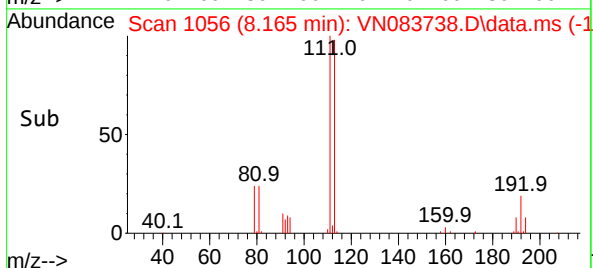
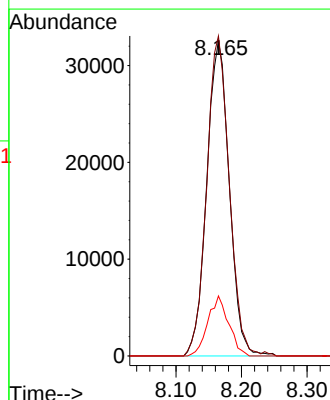
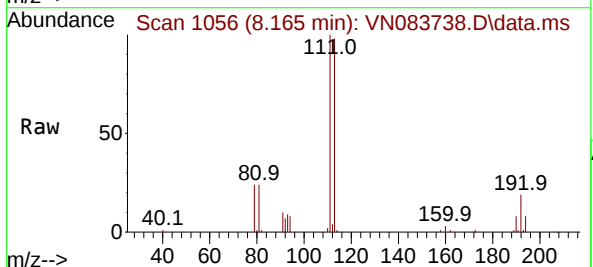
Instrument :
MSVOA_N
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RAIN-TANK

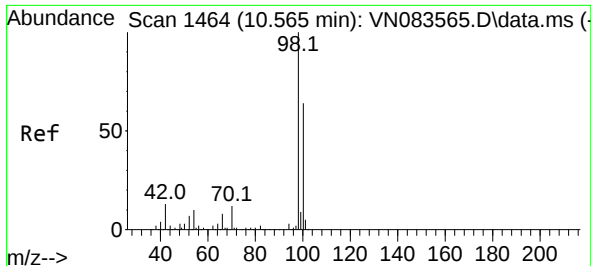
Tgt Ion:114 Resp: 247469
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.271 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion:113 Resp: 77856
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 17.6 14.3 21.5

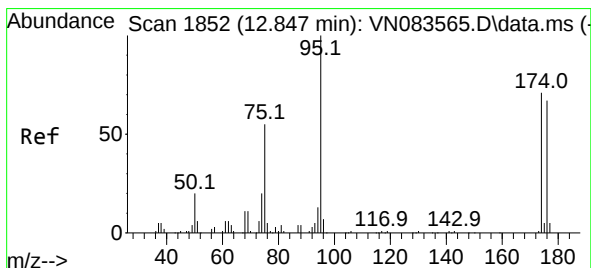
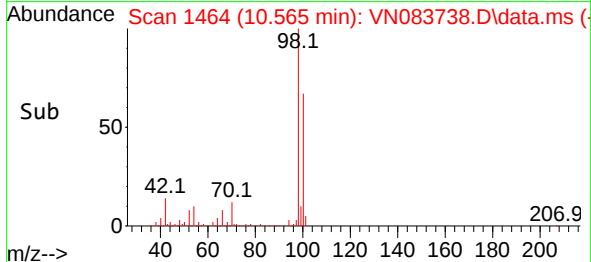
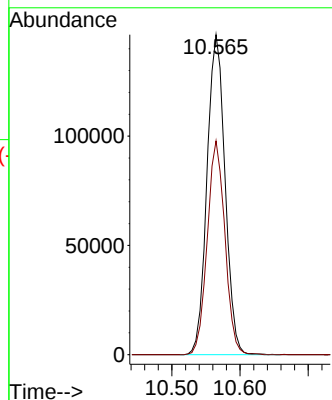
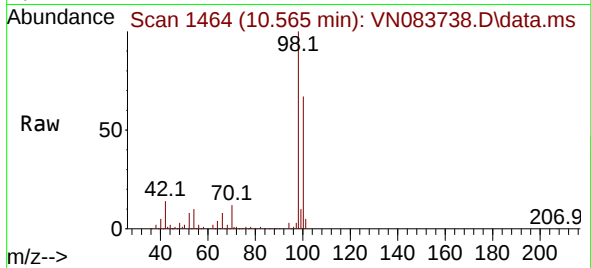




#50
Toluene-d8
Concen: 46.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

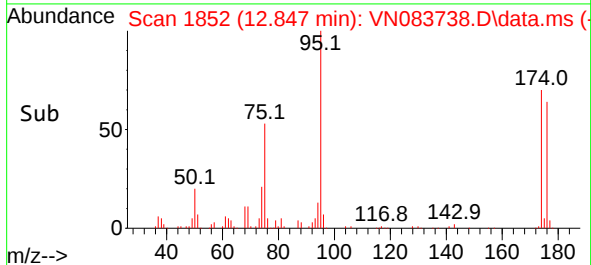
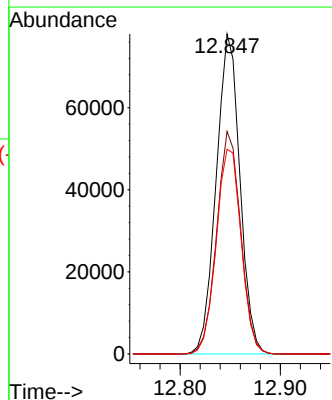
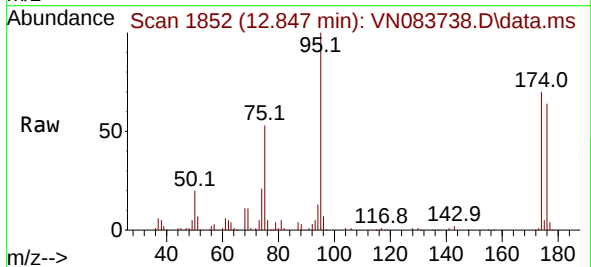
Instrument :
MSVOA_N
ClientSampleId :
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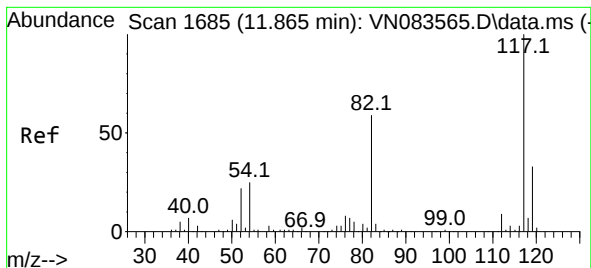
Tgt Ion: 98 Resp: 269389
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.633 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 95 Resp: 128131
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.2 0.0 131.4

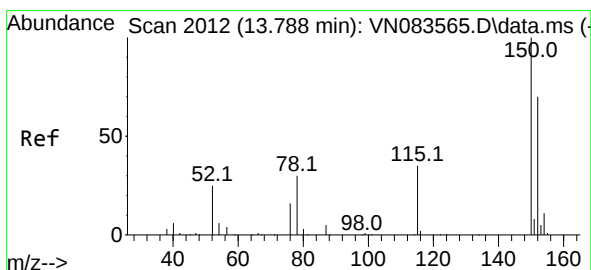
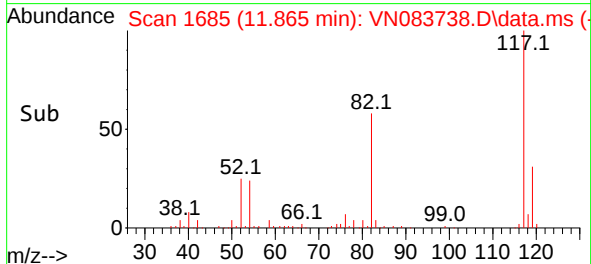
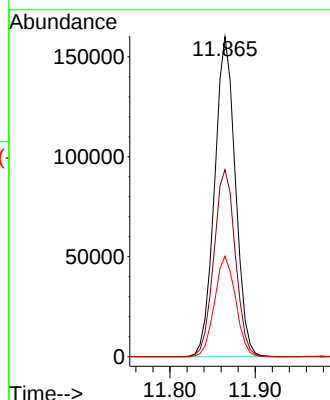
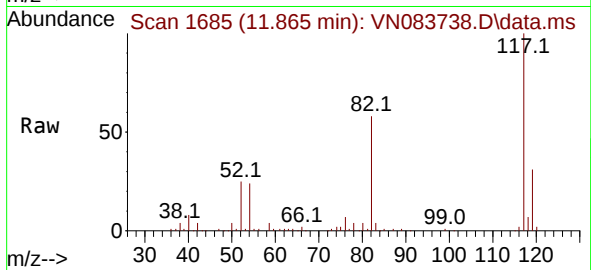




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :
RAIN-TANK

Tgt Ion:117 Resp: 270886
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion:152 Resp: 131122
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 158.3 0.0 348.6

