

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083748.D
 Acq On : 10 Sep 2024 11:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 11 01:58:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	86304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	186203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87492	67.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 134.460%#	
35) Dibromofluoromethane	8.165	113	70202	58.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.780%	
50) Toluene-d8	10.565	98	249521	60.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 121.100%#	
62) 4-Bromofluorobenzene	12.847	95	103930	61.128	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 122.260%#	

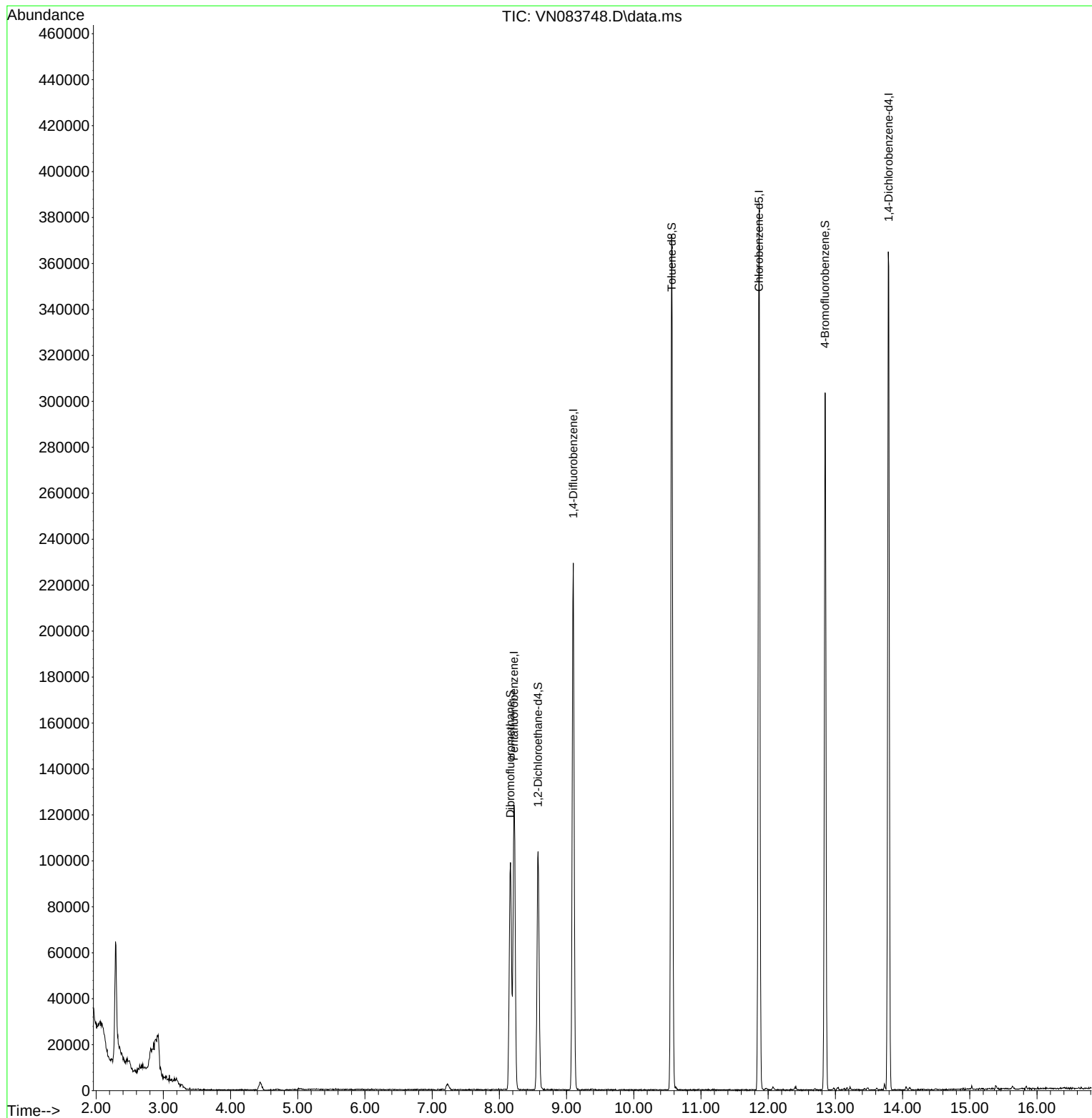
Target Compounds	Qvalue

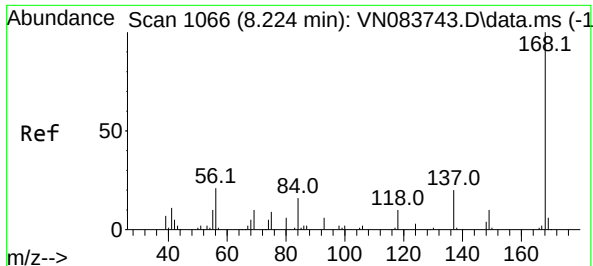
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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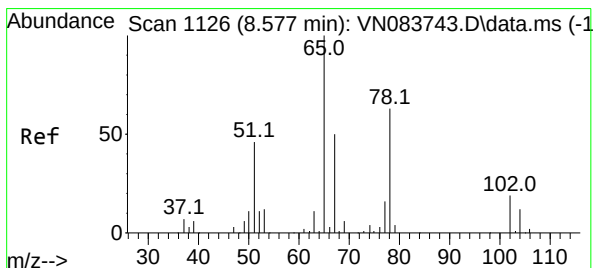
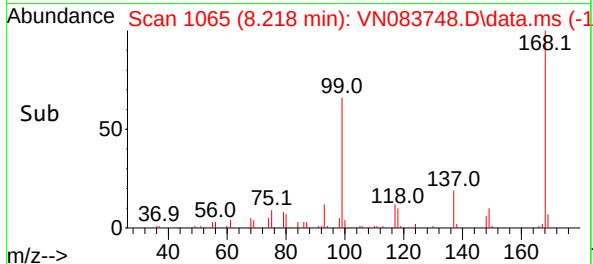
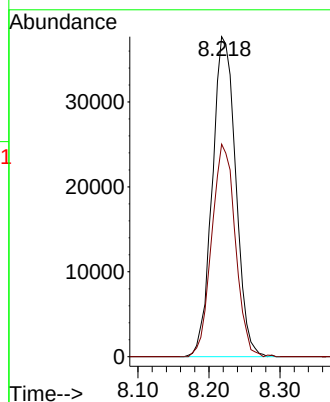
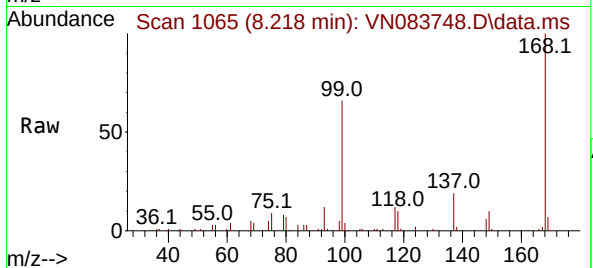




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

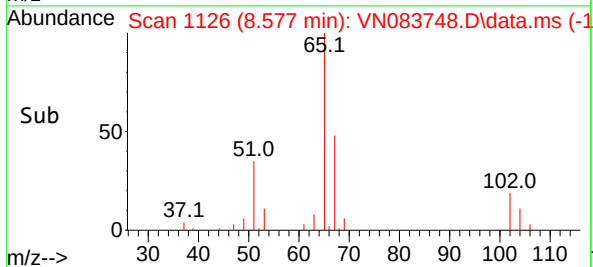
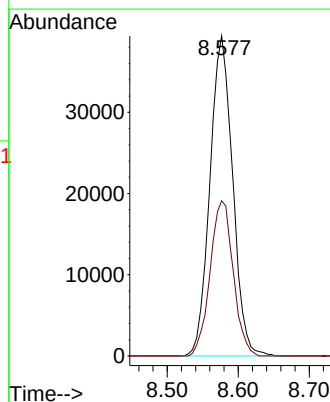
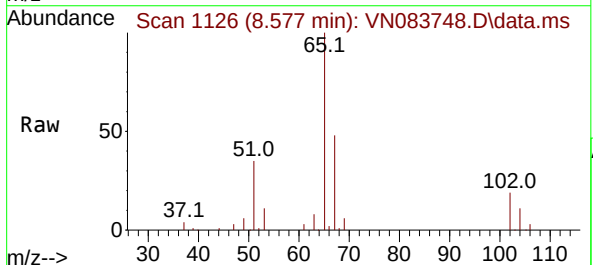
Instrument :
MSVOA_N
ClientSampleId :
IBLK

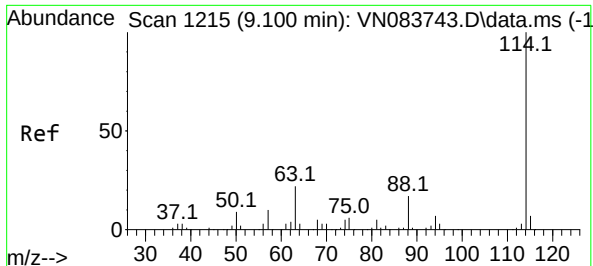
Tgt Ion:168 Resp: 86304
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 67.232 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

Tgt Ion: 65 Resp: 87492
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

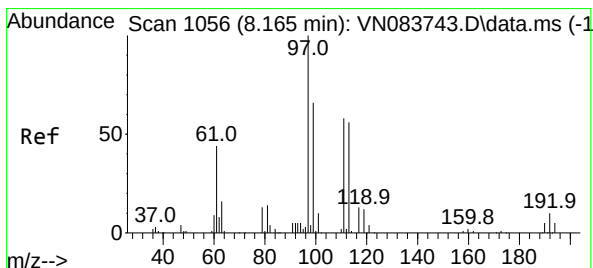
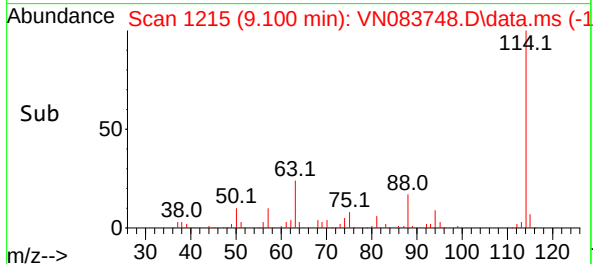
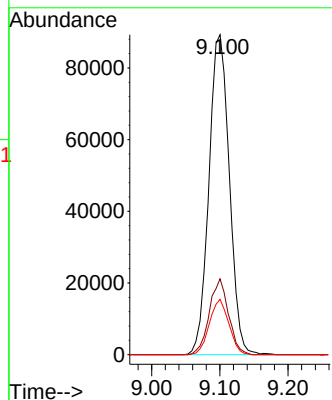
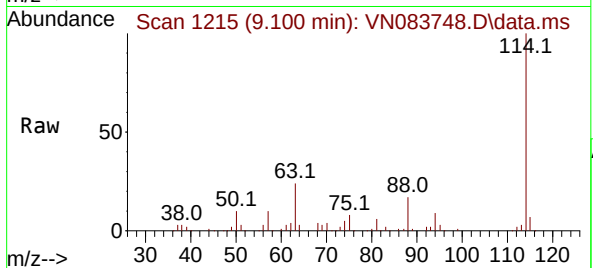




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

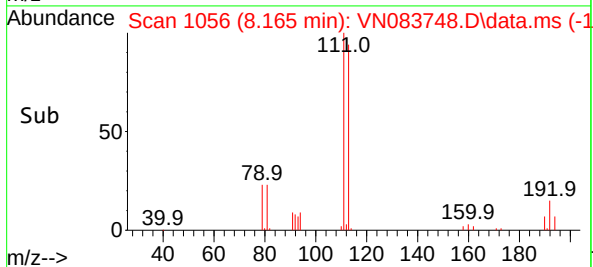
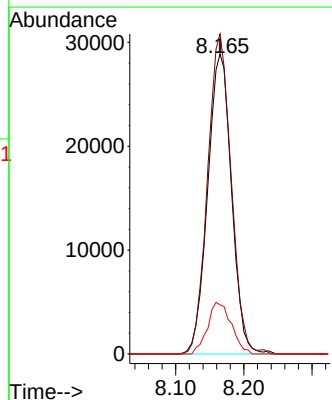
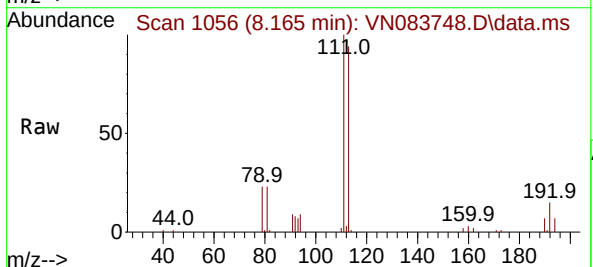
Instrument :
MSVOA_N
ClientSampleId :
IBLK

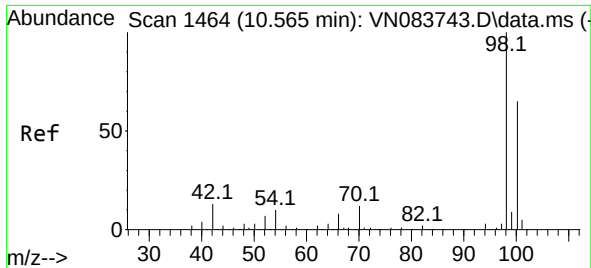
Tgt Ion:114 Resp: 186203
Ion Ratio Lower Upper
114 100
63 23.7 0.0 43.4
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 58.892 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

Tgt Ion:113 Resp: 70202
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 17.2 14.3 21.5

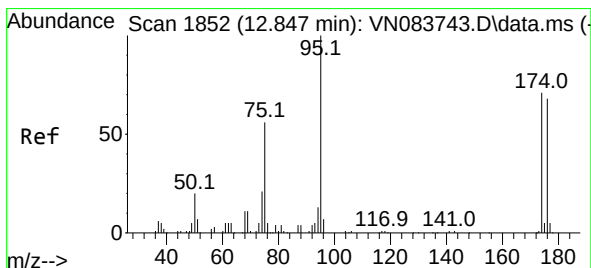
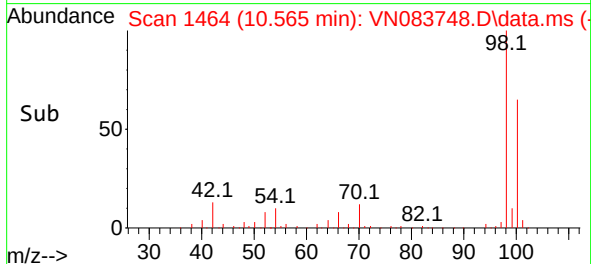
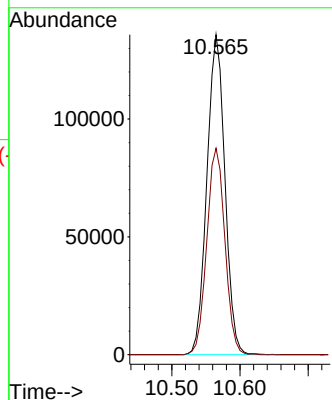
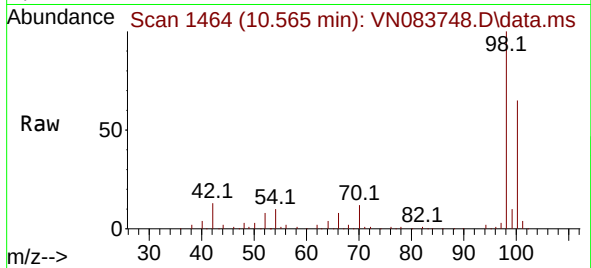




#50
Toluene-d8
Concen: 60.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

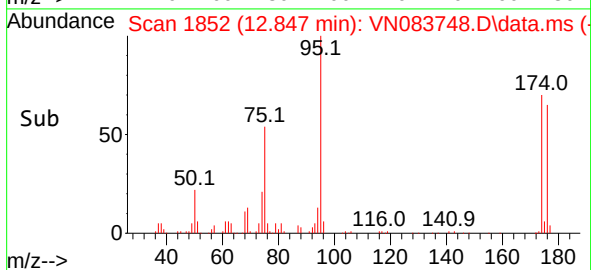
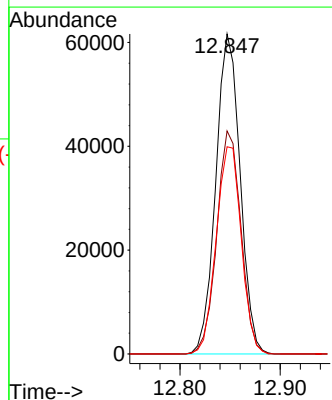
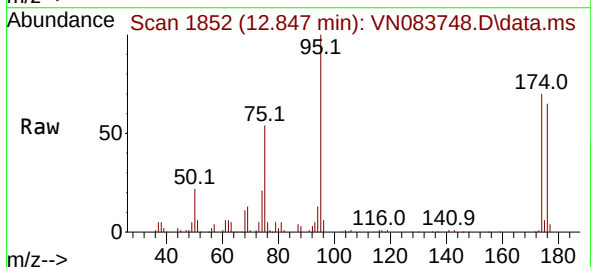
Instrument :
MSVOA_N
ClientSampleId :
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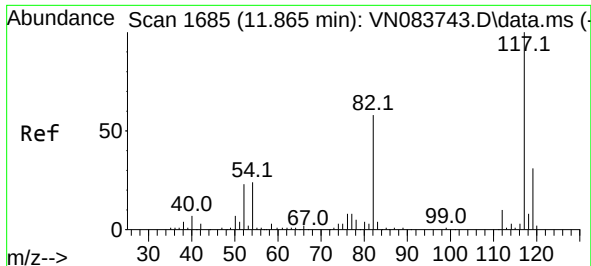
Tgt Ion: 98 Resp: 249521
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.128 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

Tgt Ion: 95 Resp: 103930
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 66.7 0.0 131.4

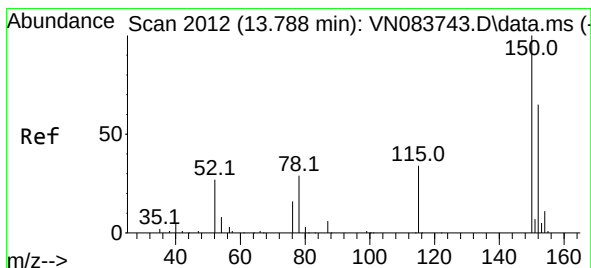
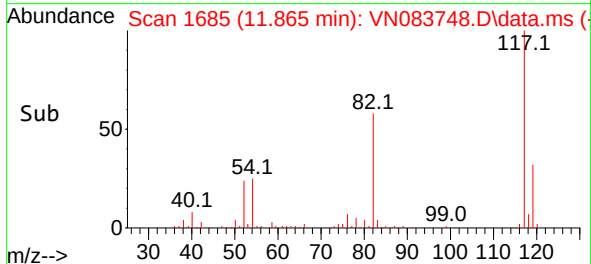
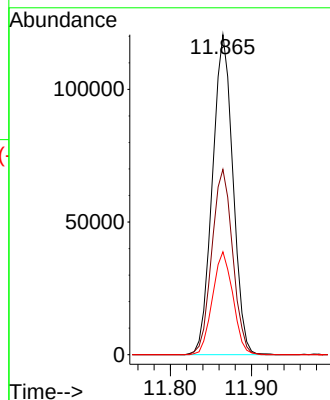
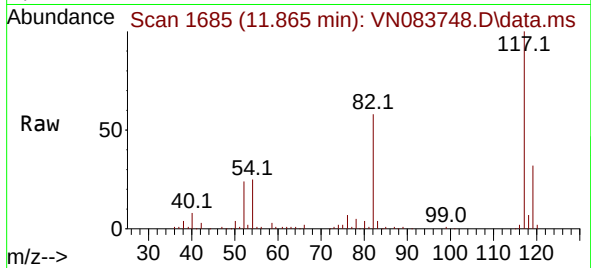




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083748.D
Acq: 10 Sep 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 211629
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 32.1 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: VN083748.D
Acq: 10 Sep 2024 11:56

Tgt Ion:152 Resp: 94613
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 155.2 0.0 348.6

