

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083448.D
 Acq On : 23 Aug 2024 09:51
 Operator : JC\MD
 Sample : VN0823MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823MBL01

Quant Time: Aug 23 23:53:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	134785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105542	55.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	8.165	113	86027	52.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	10.565	98	300590	49.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.847	95	133380	55.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.820%

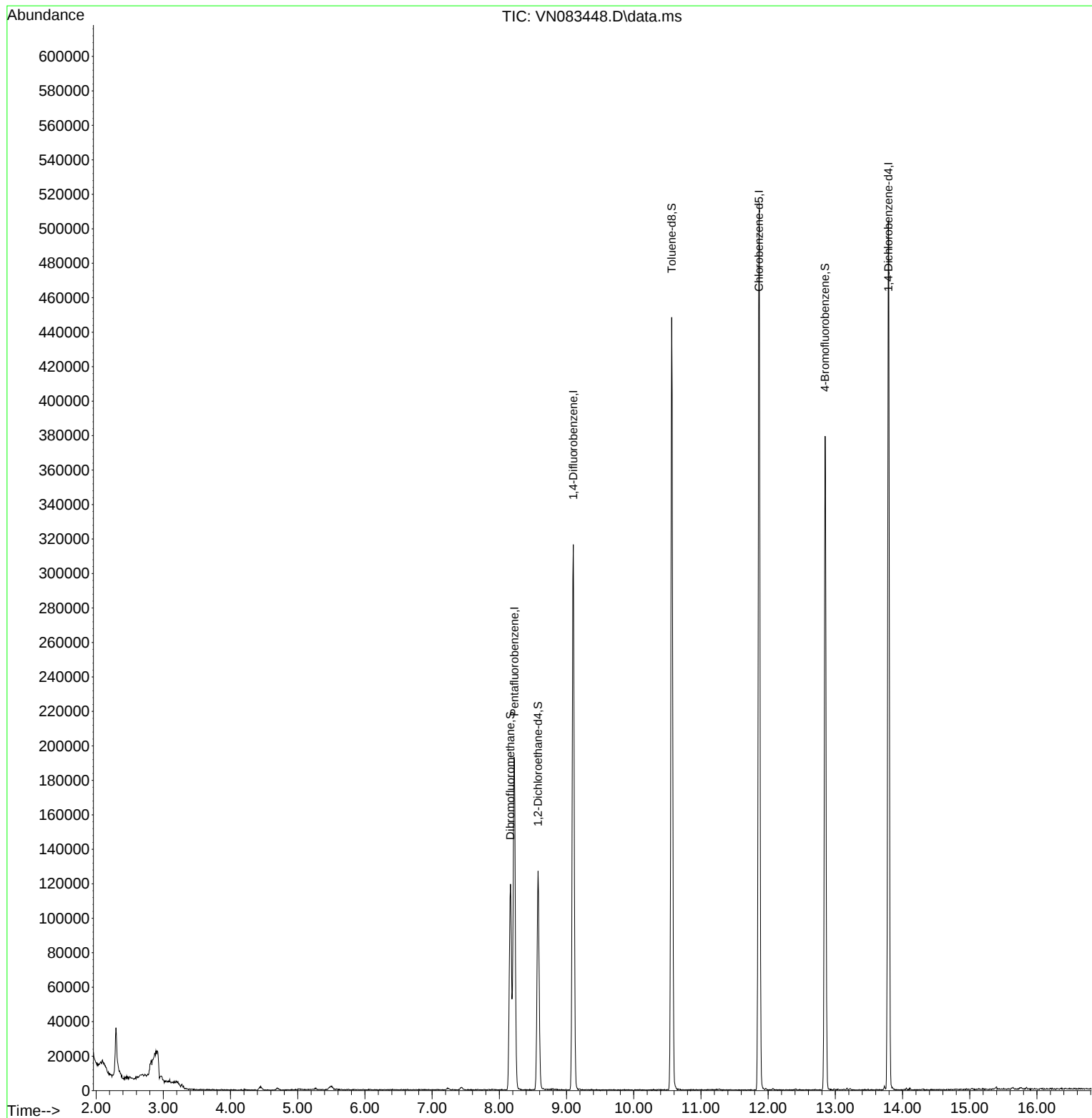
Target Compounds	Qvalue

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

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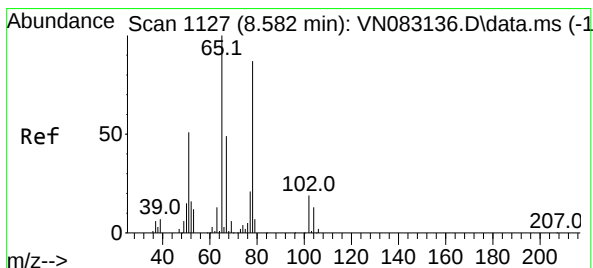
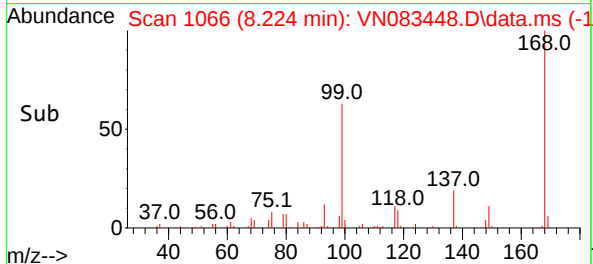
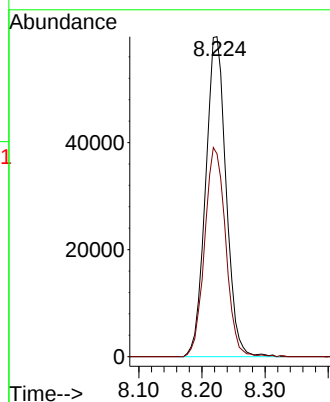
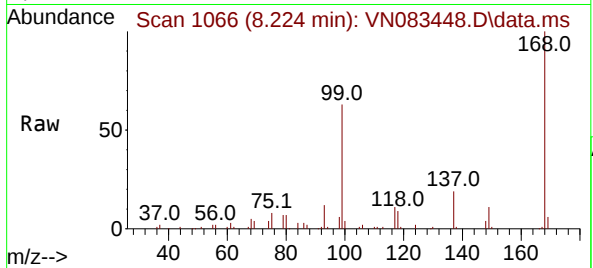




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

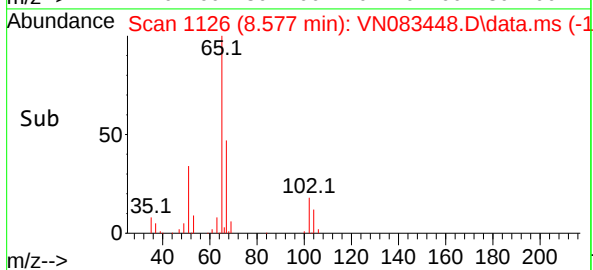
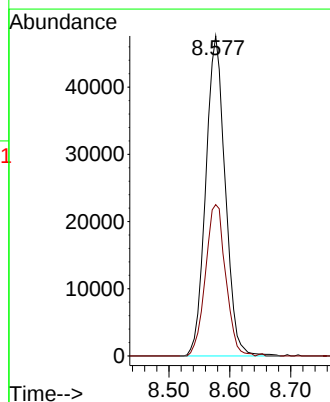
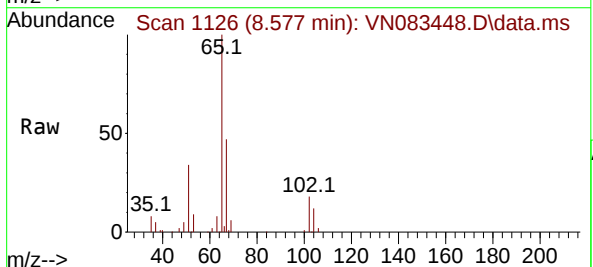
Instrument :
MSVOA_N
ClientSampleId :
VN0823MBL01

Tgt Ion:168 Resp: 134785
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.012 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion: 65 Resp: 105542
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VN0823MBL01

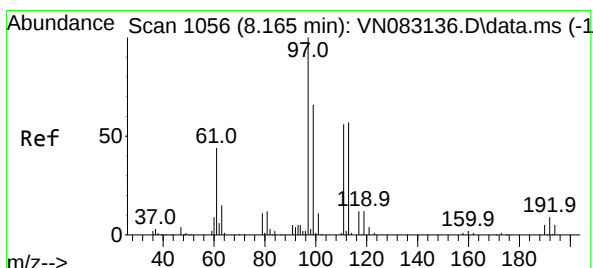
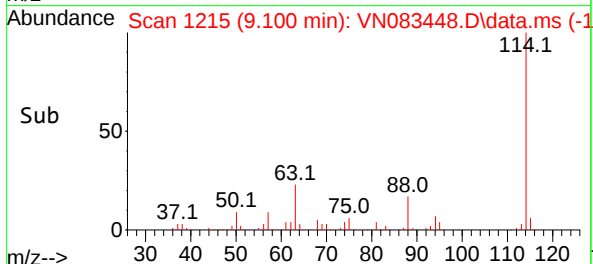
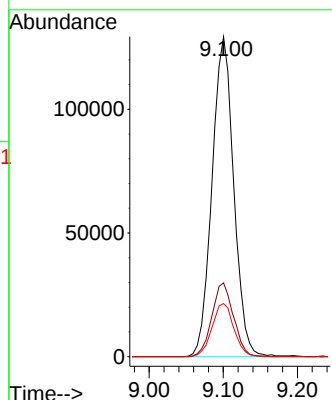
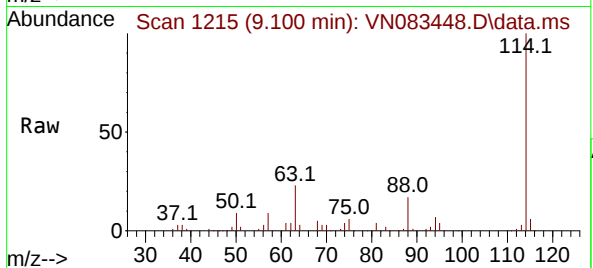
Tgt Ion:114 Resp: 262803

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.444 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083448.D

Acq: 23 Aug 2024 09:51

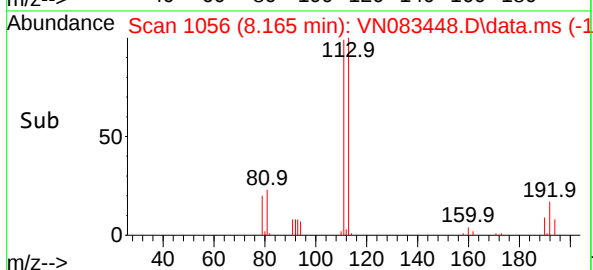
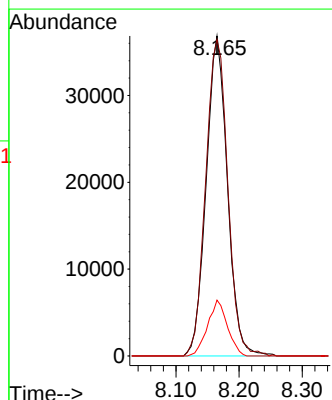
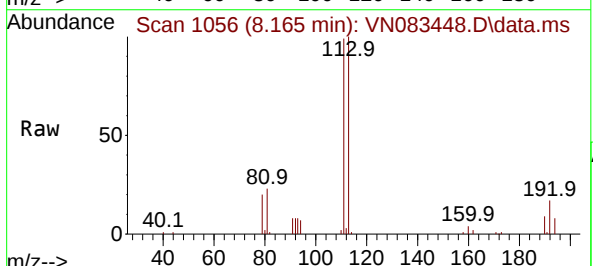
Tgt Ion:113 Resp: 86027

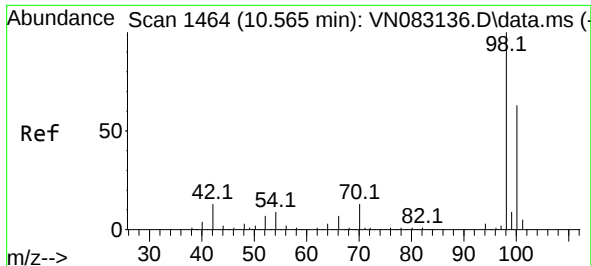
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 16.2 14.9 22.3

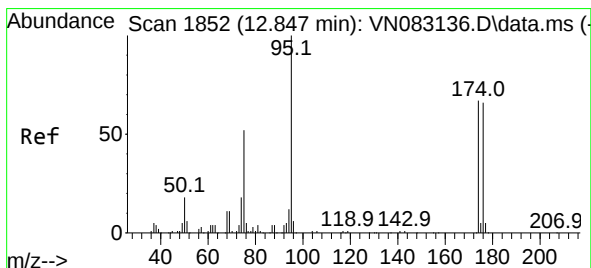
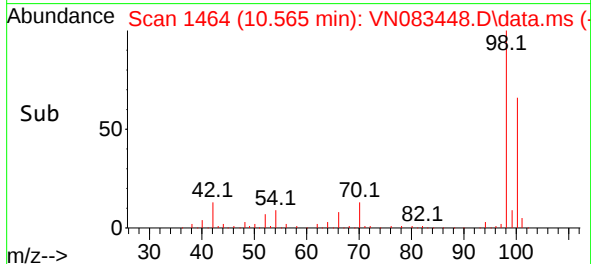
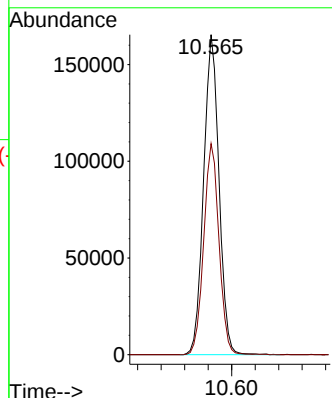
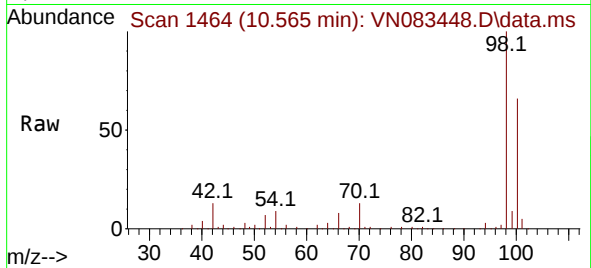




#50
Toluene-d8
Concen: 49.125 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

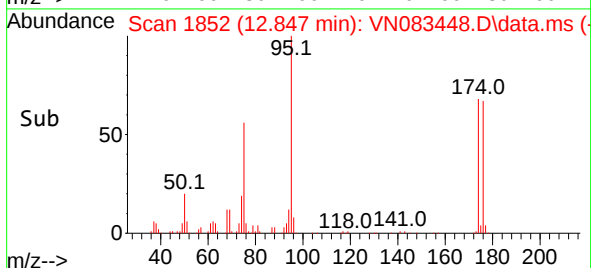
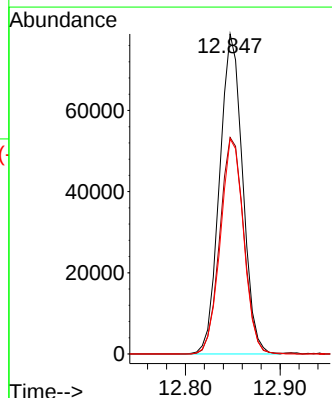
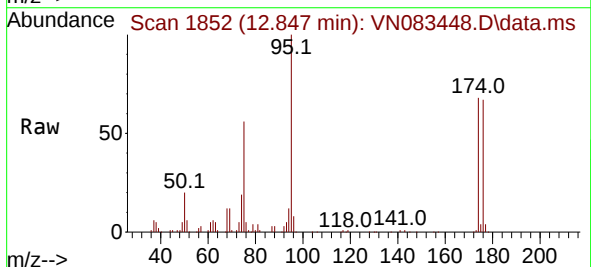
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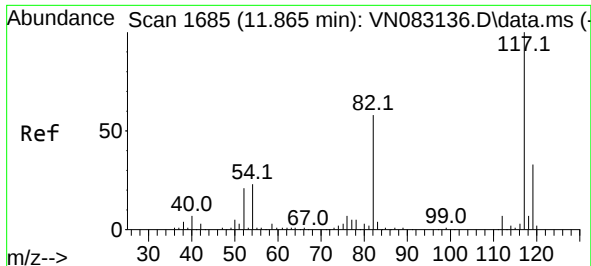
Tgt Ion: 98 Resp: 300590
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion: 95 Resp: 133380
Ion Ratio Lower Upper
95 100
174 70.1 0.0 159.2
176 67.8 0.0 147.6

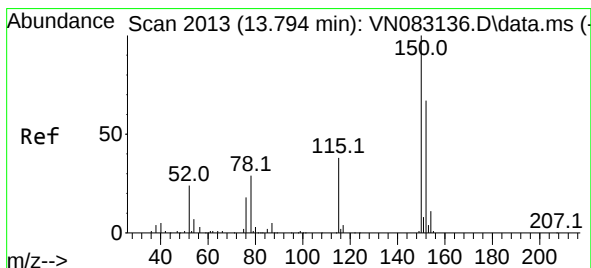
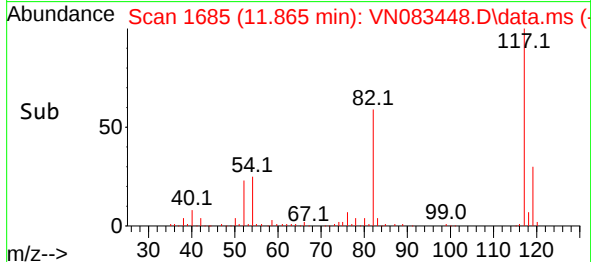
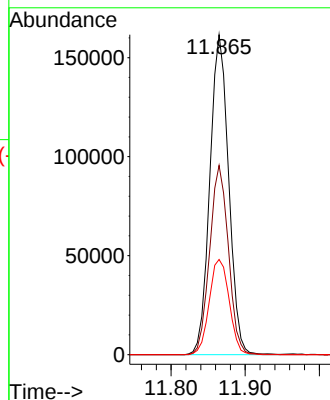
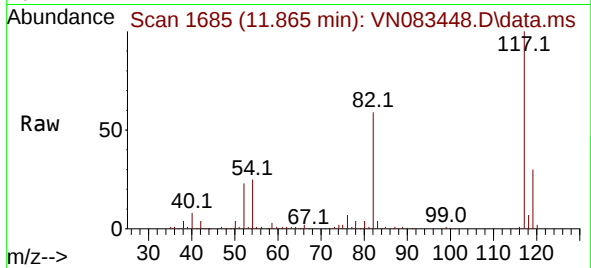




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VN0823MBL01

Tgt Ion:117 Resp: 284980
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 29.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083448.D
Acq: 23 Aug 2024 09:51

Tgt Ion:152 Resp: 129450
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 158.9 0.0 348.6

