

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083882.D
 Acq On : 14 Sep 2024 11:57
 Operator : JC\MD
 Sample : VN0914WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

Quant Time: Sep 16 06:50:52 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	8.224	168	188425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135713	47.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.171	113	95470	46.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	10.565	98	353726	49.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.847	95	120749	41.106	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.220%

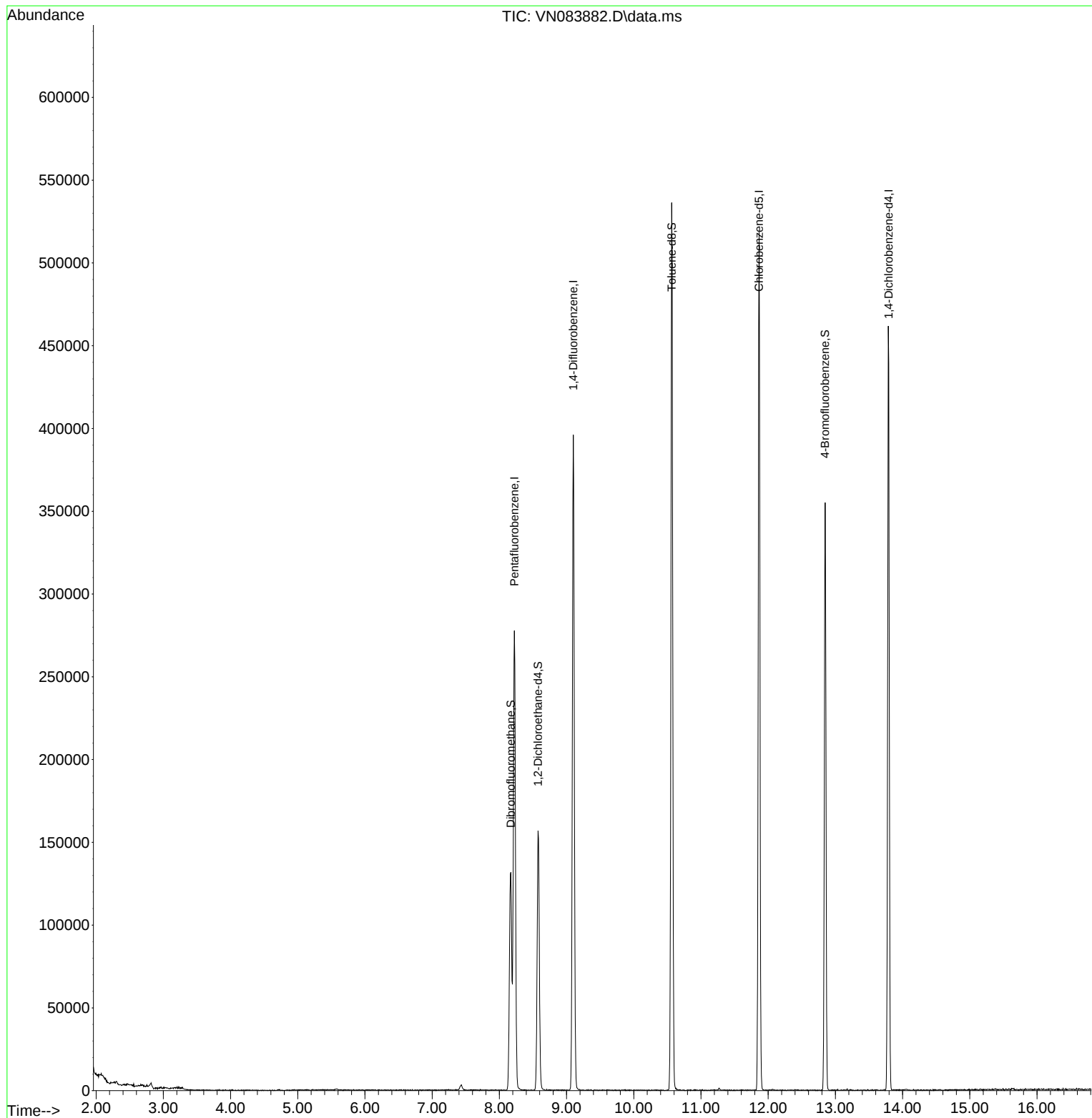
Target Compounds	Qvalue

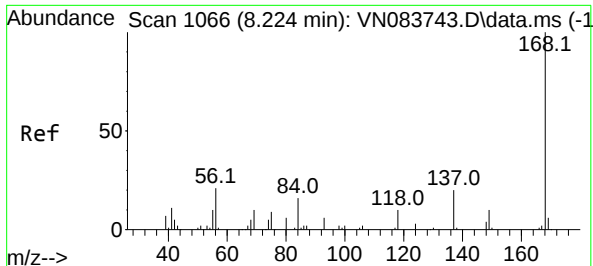
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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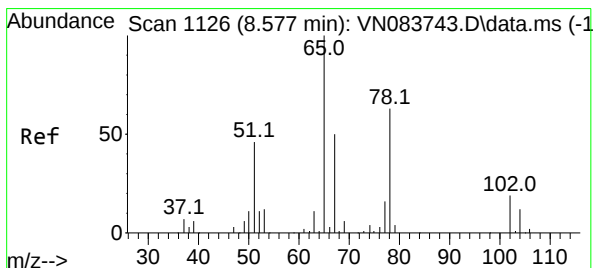
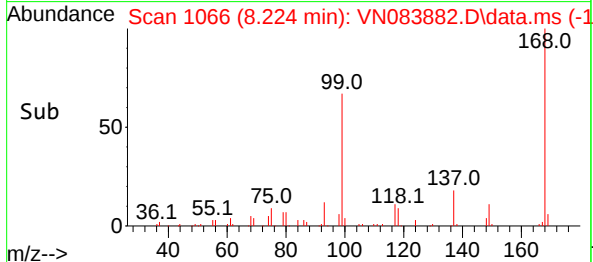
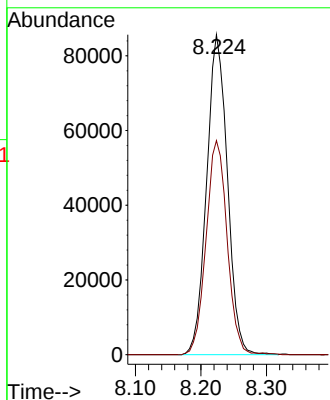
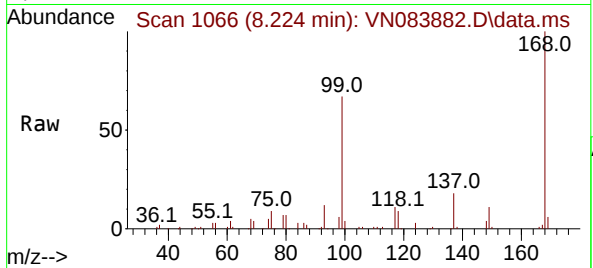




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

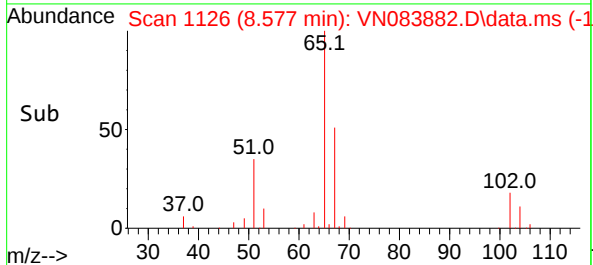
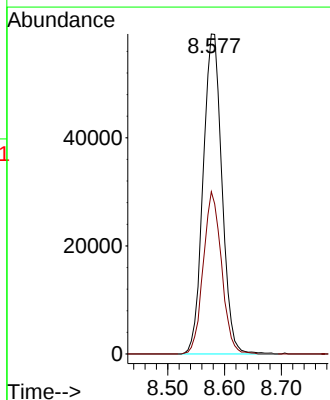
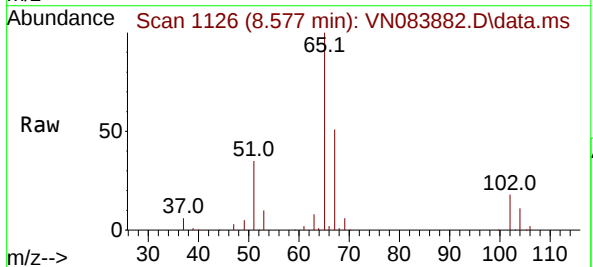
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL01

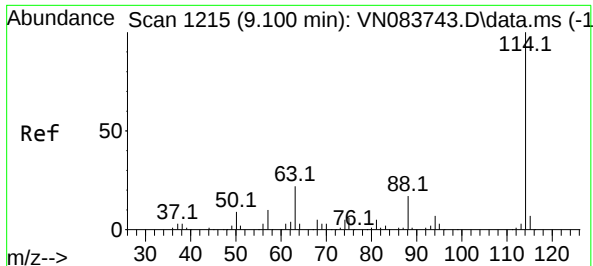
Tgt Ion:168 Resp: 188425
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.766 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 65 Resp: 135713
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# 1

Delta R.T. -0.000 min

Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBL01

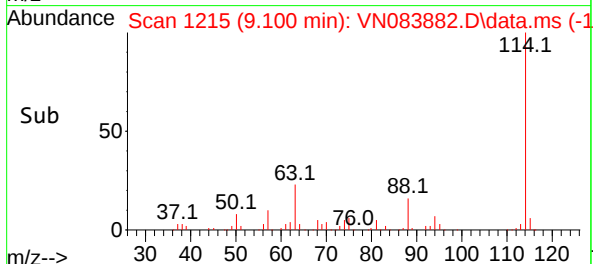
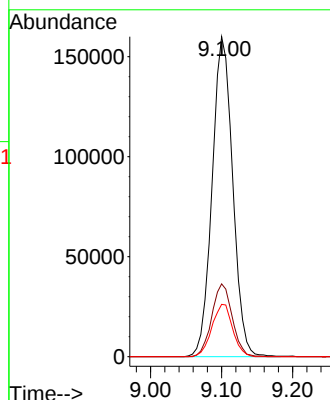
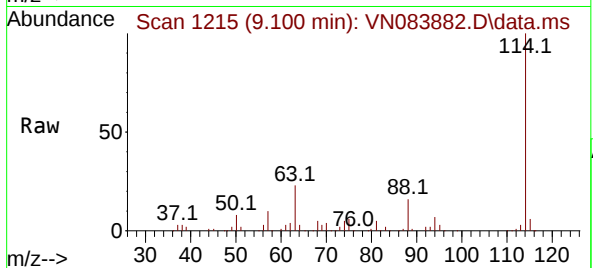
Tgt Ion:114 Resp: 321709

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.355 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

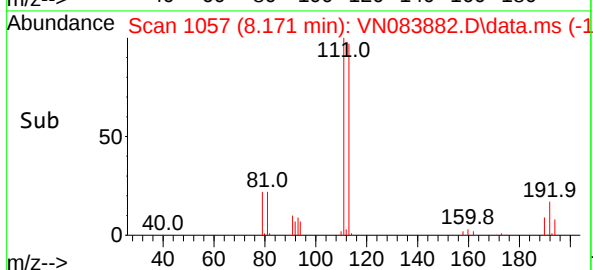
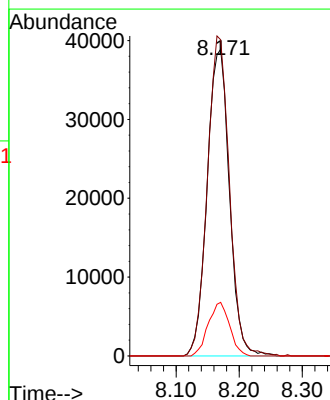
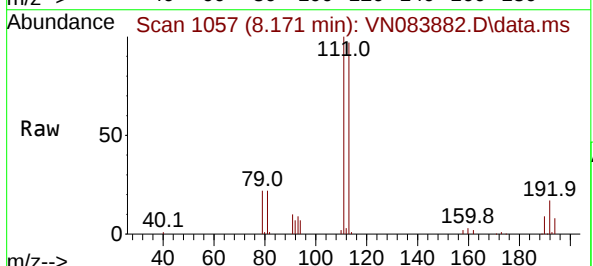
Tgt Ion:113 Resp: 95470

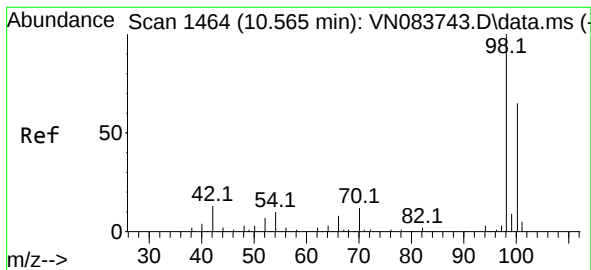
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 16.8 14.3 21.5

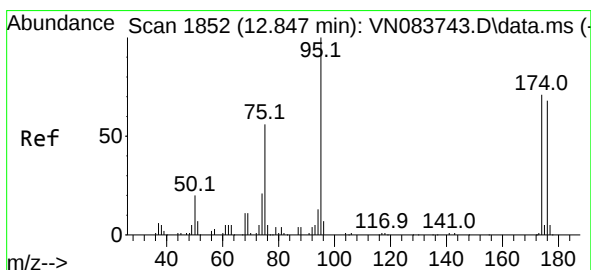
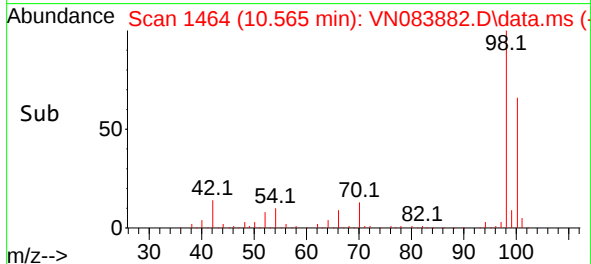
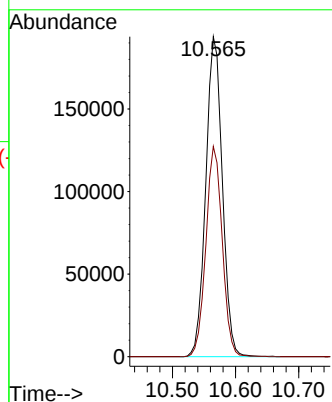
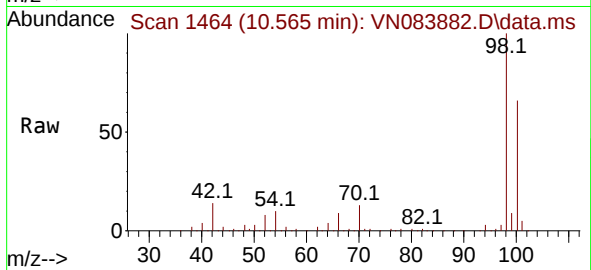




#50
Toluene-d8
Concen: 49.681 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

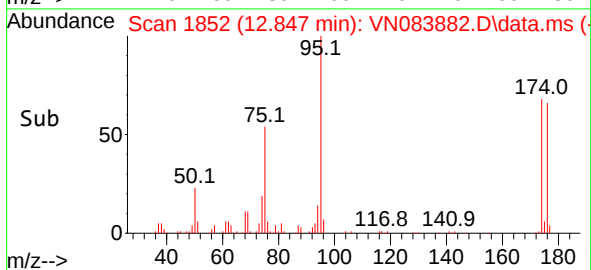
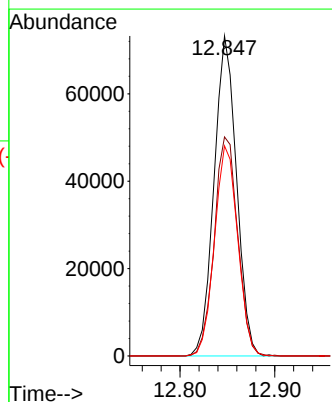
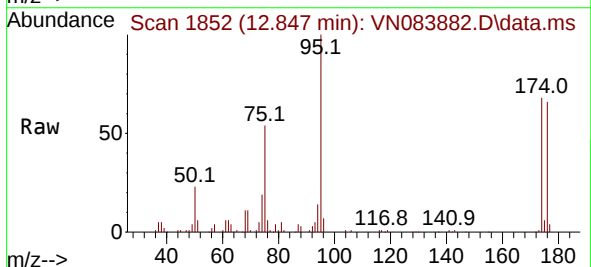
Instrument :
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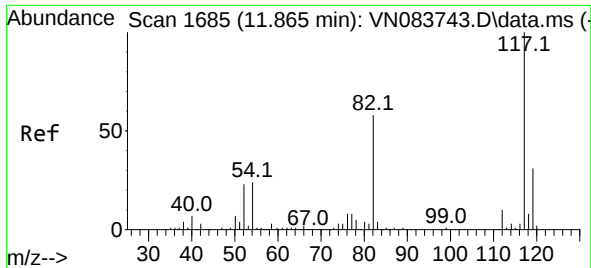
Tgt Ion: 98 Resp: 353726
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.106 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 95 Resp: 120749
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 68.0 0.0 131.4

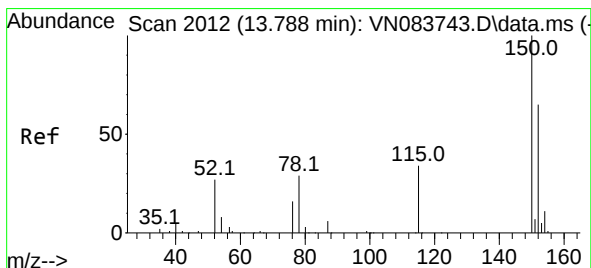
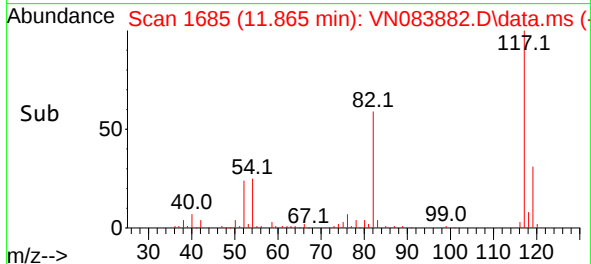
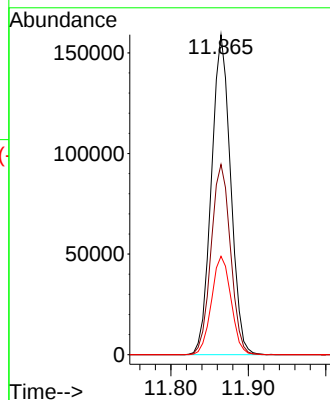
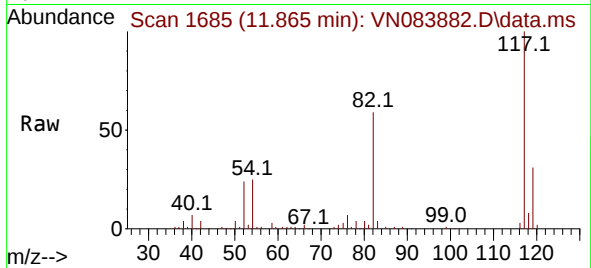




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL01

Tgt Ion:117 Resp: 273204
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 30.7 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: VN083882.D
Acq: 14 Sep 2024 11:57

Tgt Ion:152 Resp: 115574
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 155.9 0.0 348.6

