

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083667.D
 Acq On : 05 Sep 2024 11:42
 Operator : JC\MD
 Sample : VN0905WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBL02

Quant Time: Sep 06 02:13:17 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	157818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	337730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114614	51.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.920%
35) Dibromofluoromethane	8.165	113	93621	48.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.565	98	333809	44.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.847	95	158953	56.768	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.540%

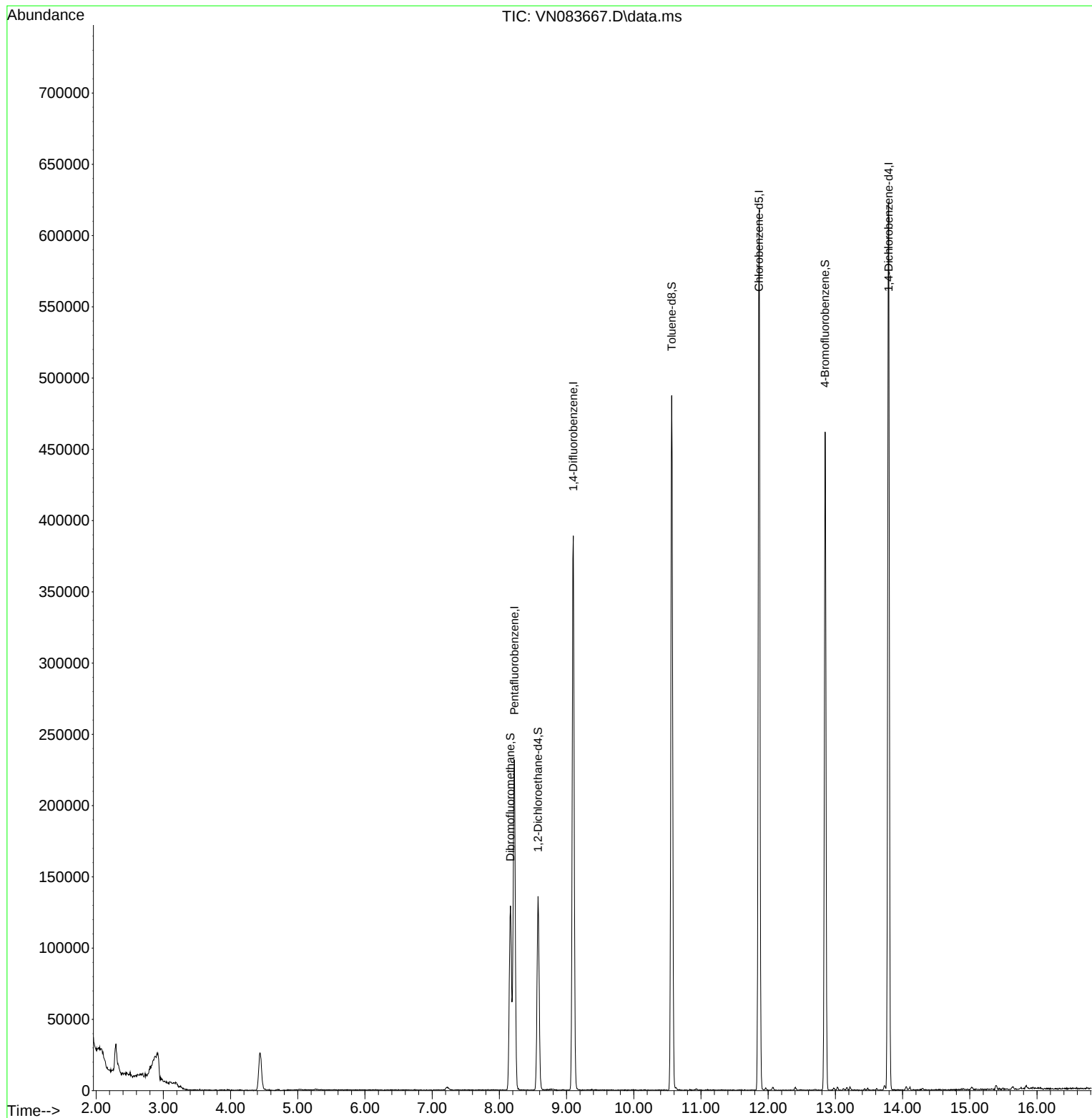
Target Compounds	Qvalue

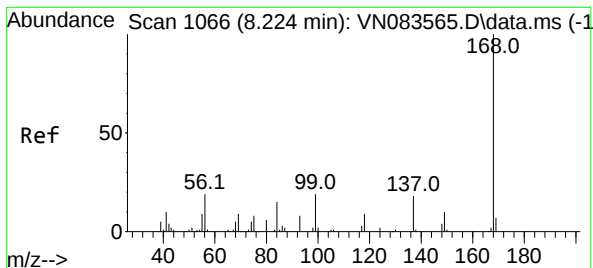
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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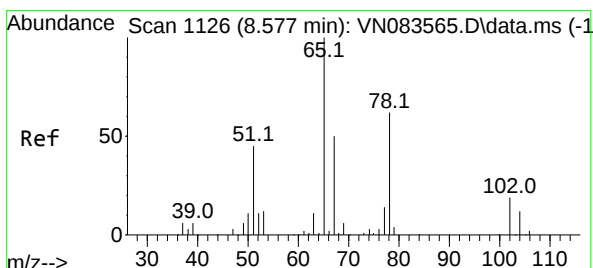
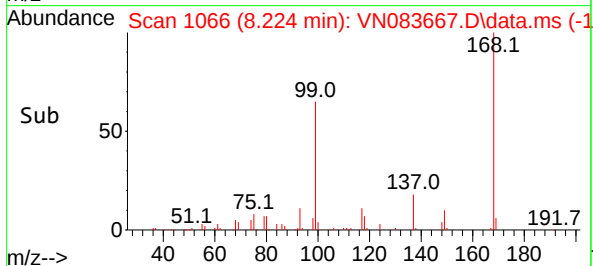
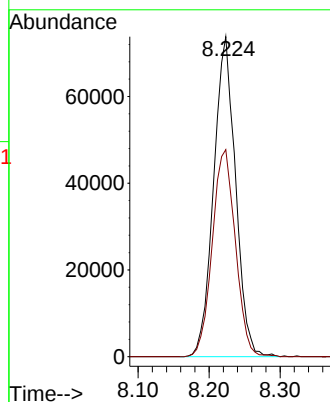
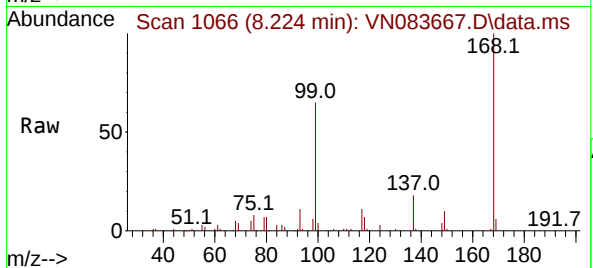




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

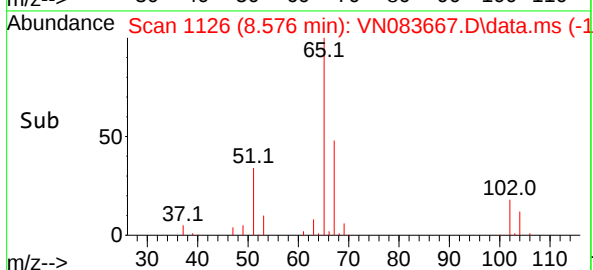
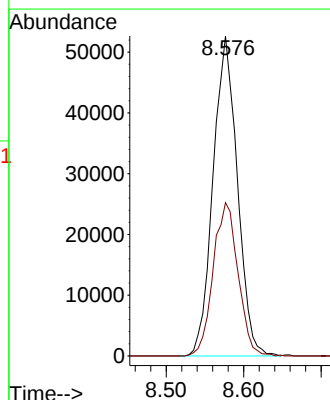
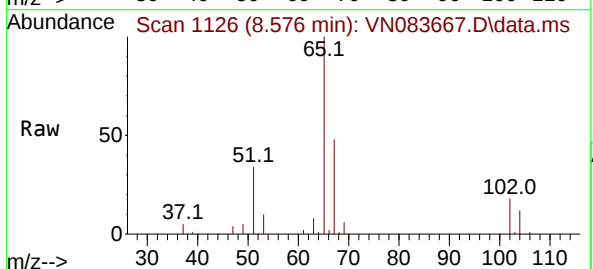
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL02

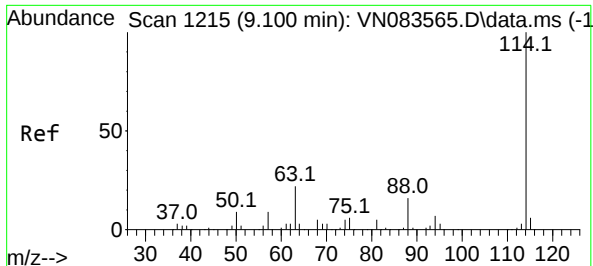
Tgt Ion:168 Resp: 157818
Ion Ratio Lower Upper
168 100
99 64.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.964 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 65 Resp: 114614
Ion Ratio Lower Upper
65 100
67 49.0 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: VN083667.D

Acq: 05 Sep 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0905WBL02

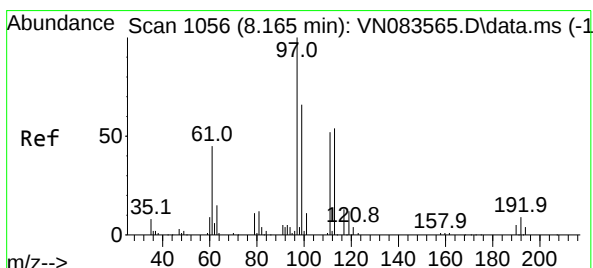
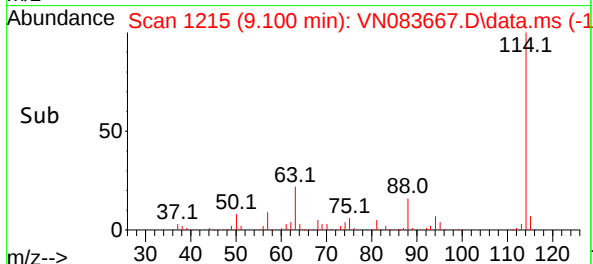
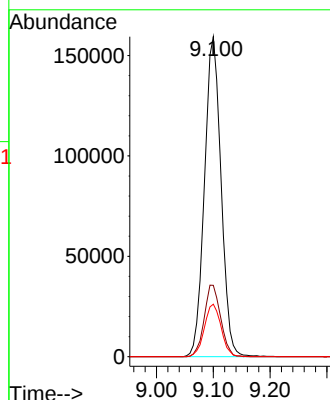
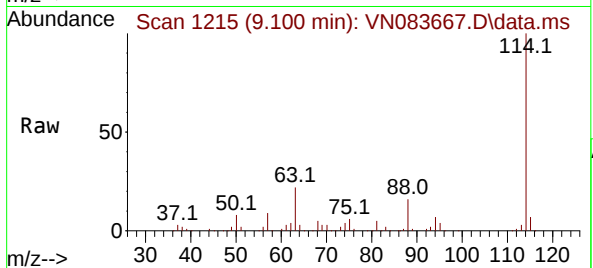
Tgt Ion:114 Resp: 322489

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.234 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083667.D

Acq: 05 Sep 2024 11:42

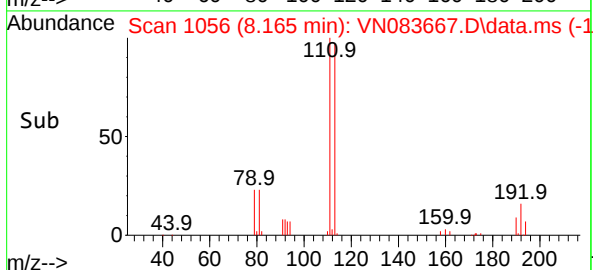
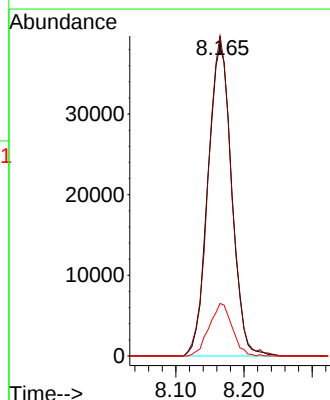
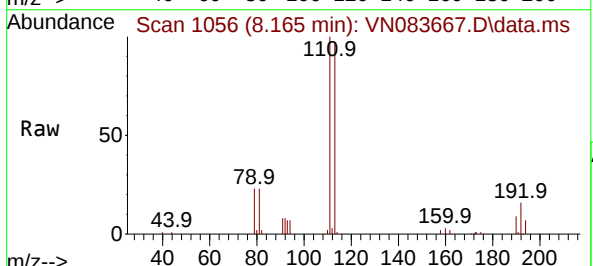
Tgt Ion:113 Resp: 93621

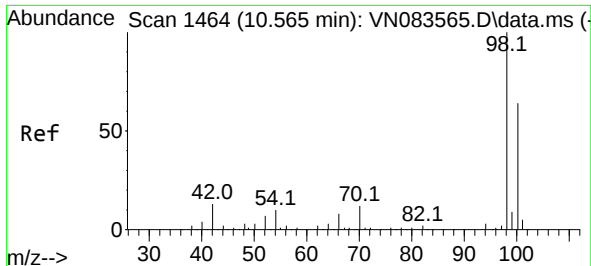
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 16.3 14.3 21.5

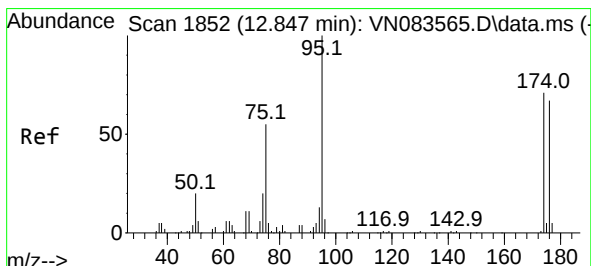
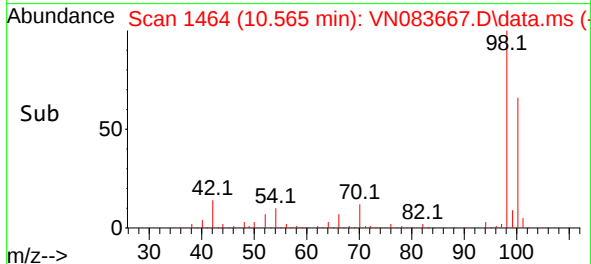
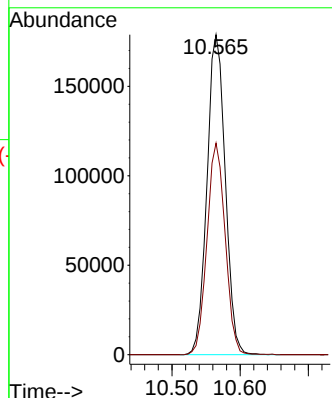
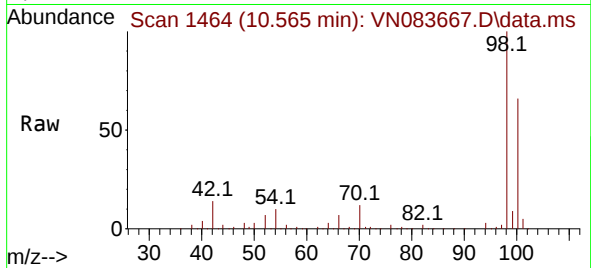




#50
Toluene-d8
Concen: 44.247 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

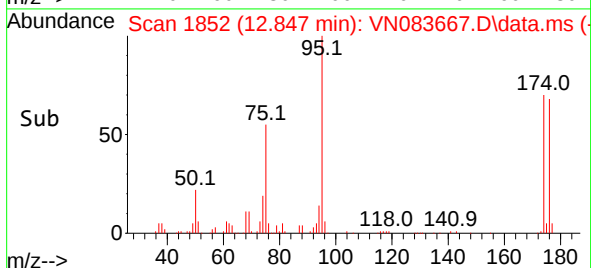
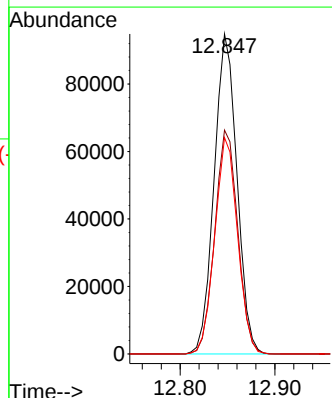
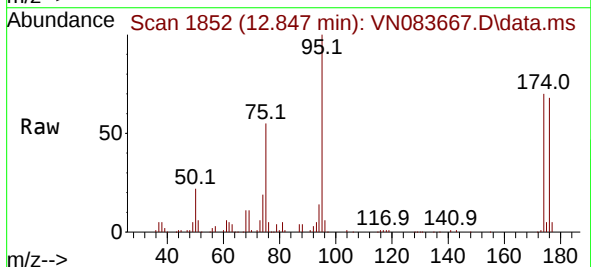
Instrument :
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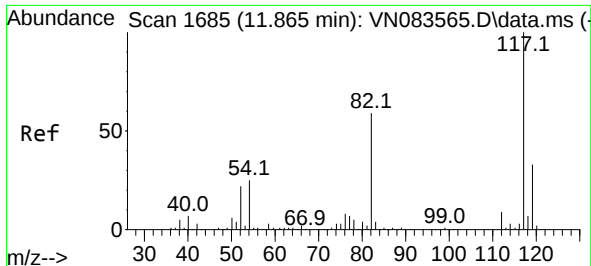
Tgt Ion: 98 Resp: 333809
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 95 Resp: 158953
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.6 0.0 131.4

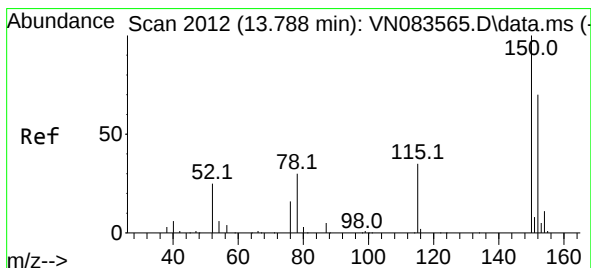
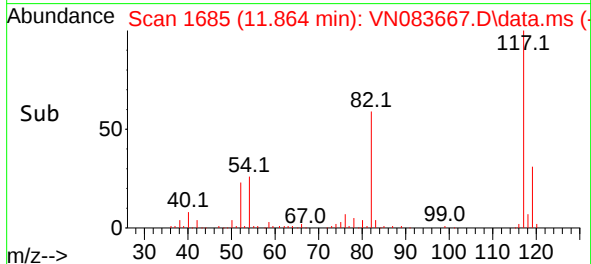
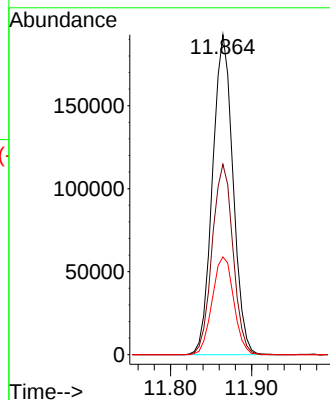
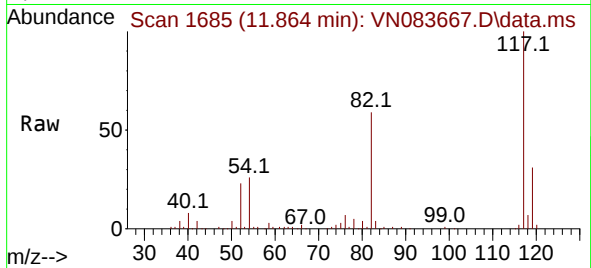




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL02

Tgt Ion:117 Resp: 337730
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 30.6 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: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion:152 Resp: 163950
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 157.3 0.0 348.6

