

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083595.D
 Acq On : 31 Aug 2024 05:21
 Operator : JC\MD
 Sample : P3769-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-082724

Quant Time: Aug 31 06:25:39 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	150895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115132	54.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.180%
35) Dibromofluoromethane	8.165	113	91886	49.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.565	98	335882	46.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.847	95	156653	58.719	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.440%

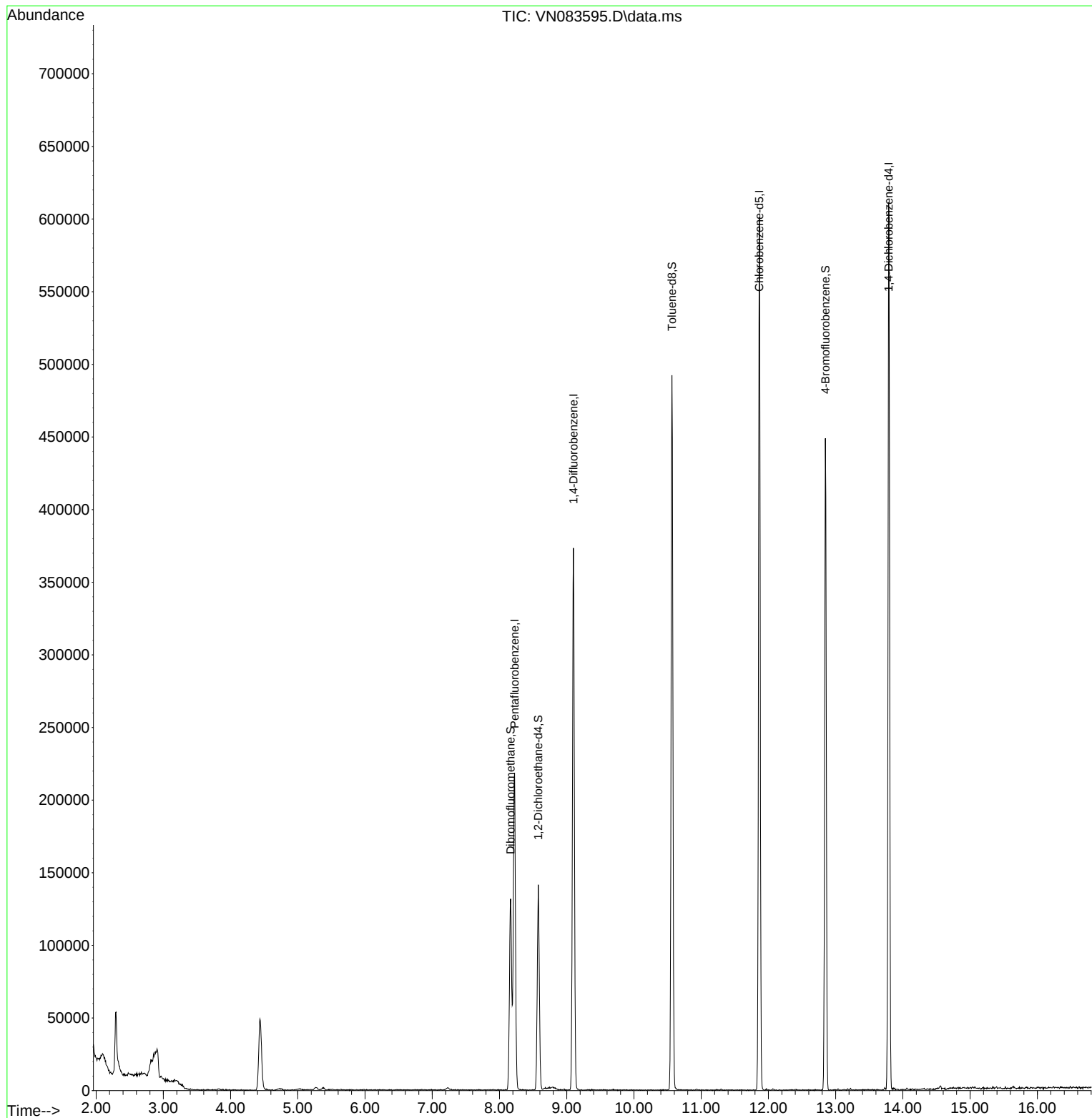
Target Compounds	Qvalue

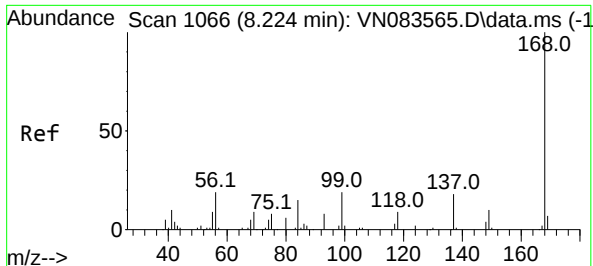
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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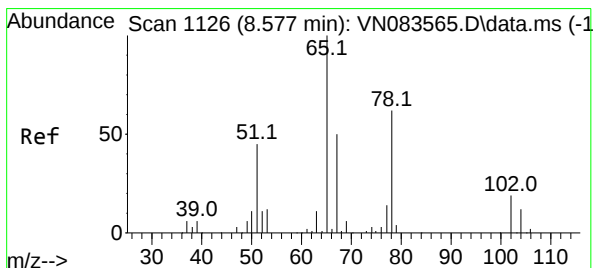
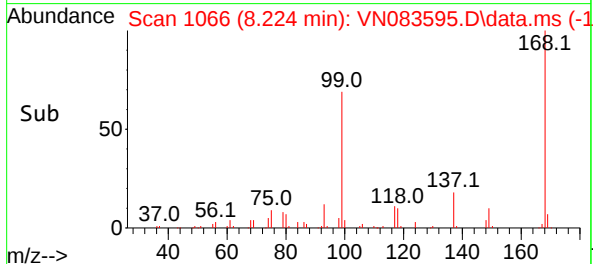
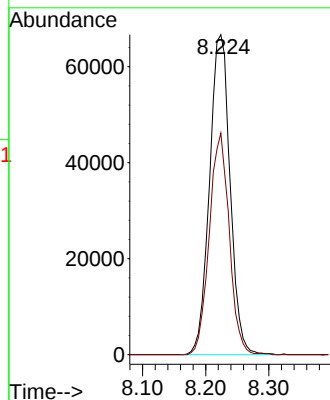
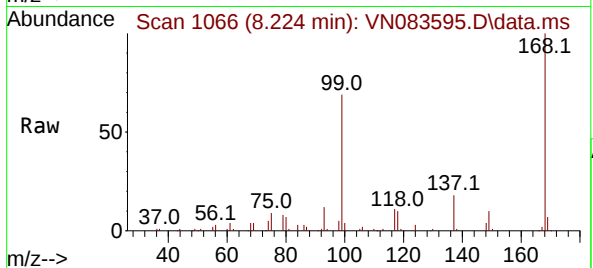




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

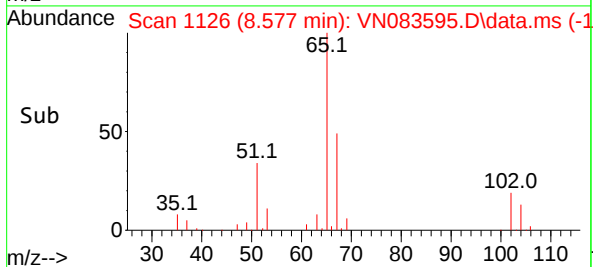
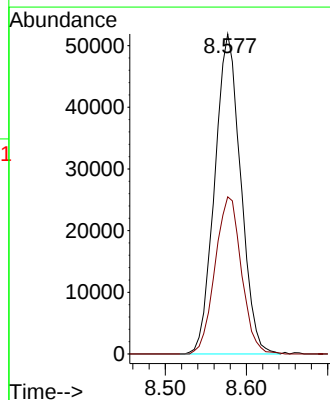
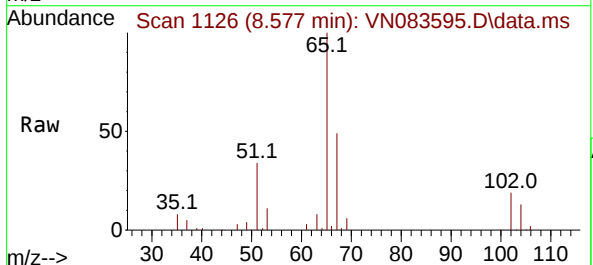
Instrument :
MSVOA_N
ClientSampleId :
EB01-082724

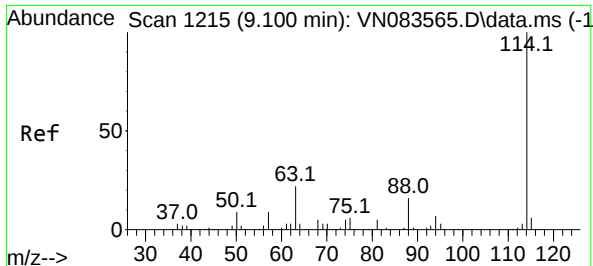
Tgt Ion:168 Resp: 150895
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.593 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 65 Resp: 115132
Ion Ratio Lower Upper
65 100
67 50.0 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: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

ClientSampleId :

EB01-082724

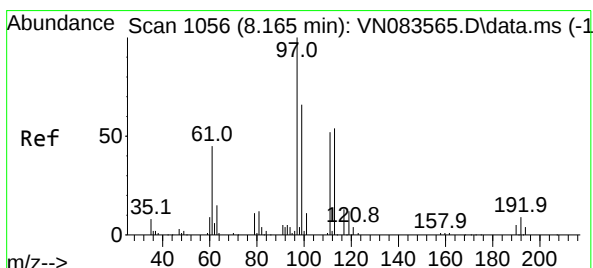
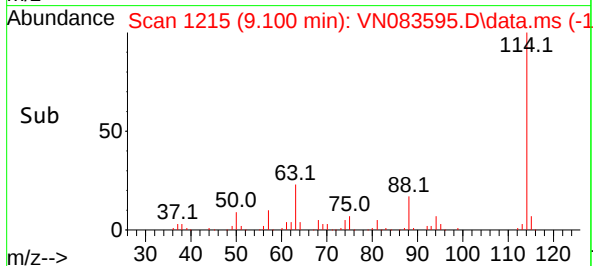
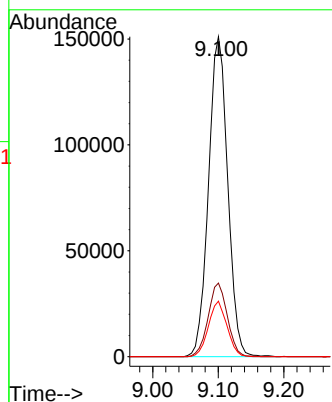
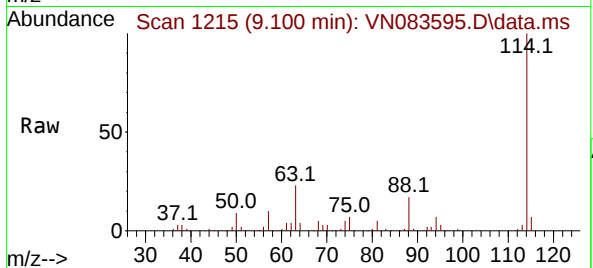
Tgt Ion:114 Resp: 307267

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.685 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

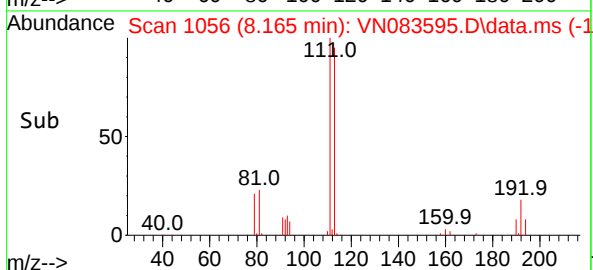
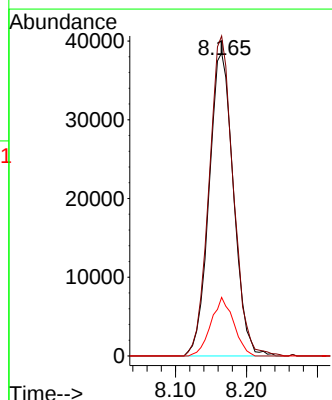
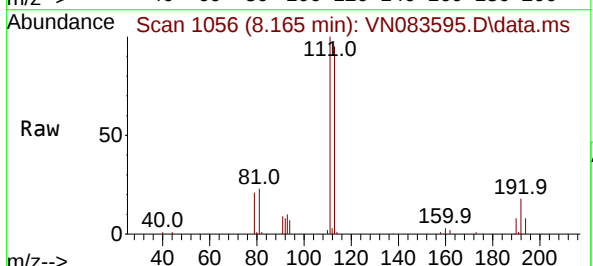
Tgt Ion:113 Resp: 91886

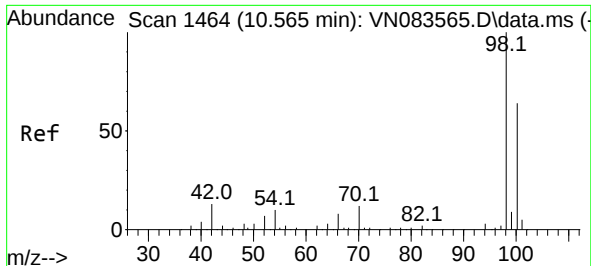
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 17.9 14.3 21.5

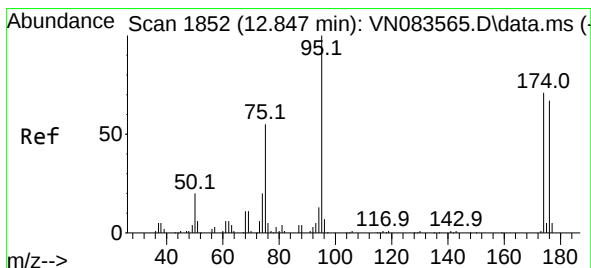
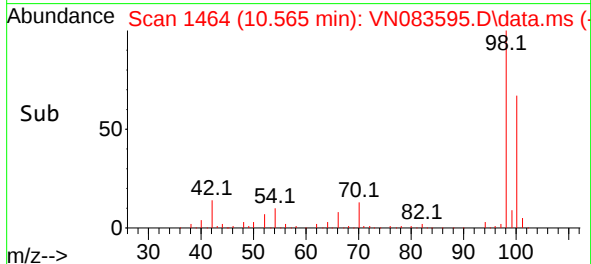
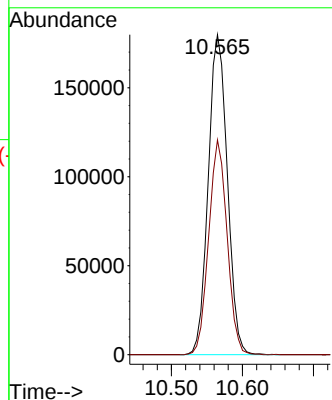
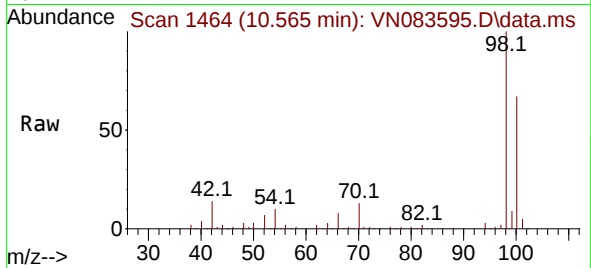




#50
Toluene-d8
Concen: 46.664 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

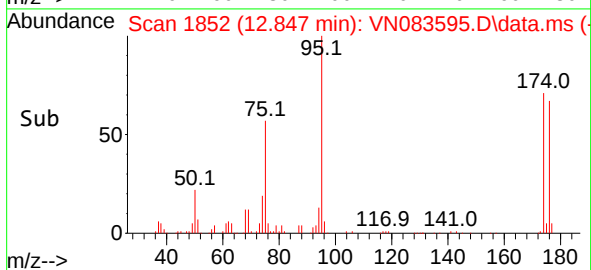
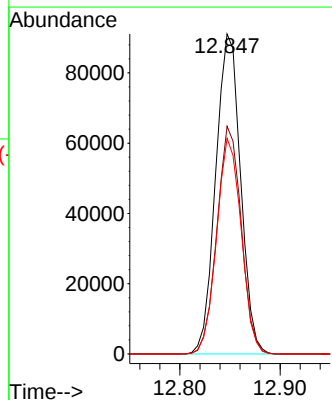
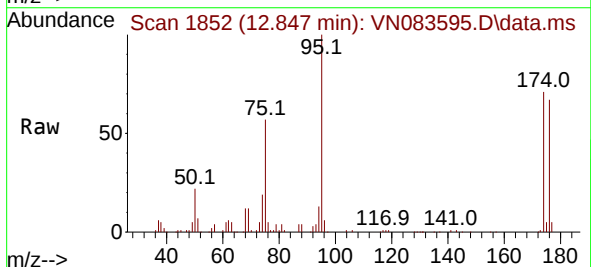
Instrument :
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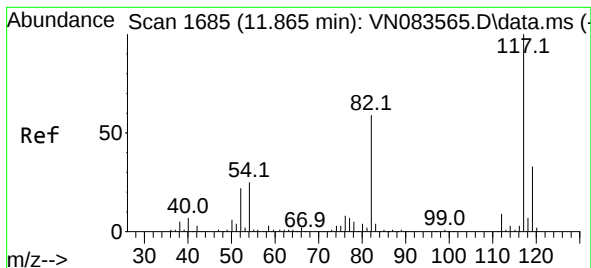
Tgt Ion: 98 Resp: 335882
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083595.D
Acq: 31 Aug 2024 05:21

Tgt Ion: 95 Resp: 156653
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.7 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: VN083595.D

Acq: 31 Aug 2024 05:21

Instrument :

MSVOA_N

ClientSampleId :

EB01-082724

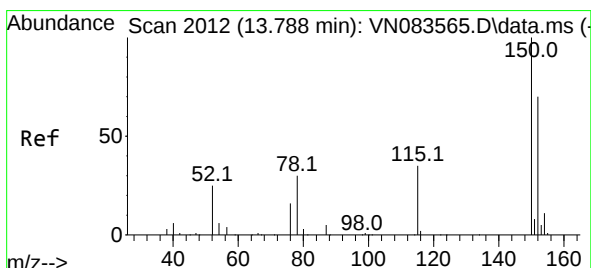
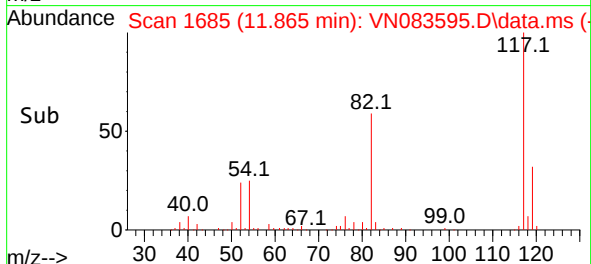
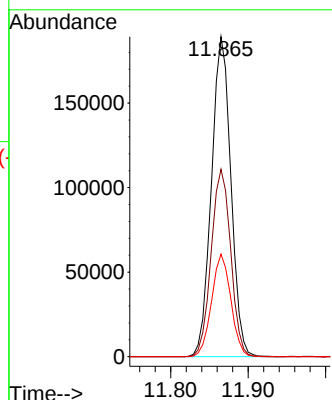
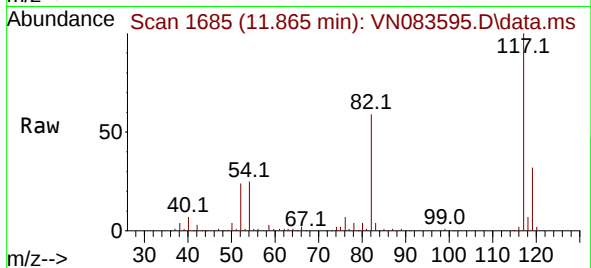
Tgt Ion:117 Resp: 329638

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083595.D

Acq: 31 Aug 2024 05:21

Tgt Ion:152 Resp: 156617

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 156.7 0.0 348.6

