

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083604.D
 Acq On : 31 Aug 2024 08:57
 Operator : JC\MD
 Sample : P3769-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-51.5-082724

Quant Time: Sep 02 01:01:53 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	145114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115100	56.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.500%
35) Dibromofluoromethane	8.165	113	92996	51.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	10.565	98	339185	48.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.847	95	157945	60.781	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.560%#

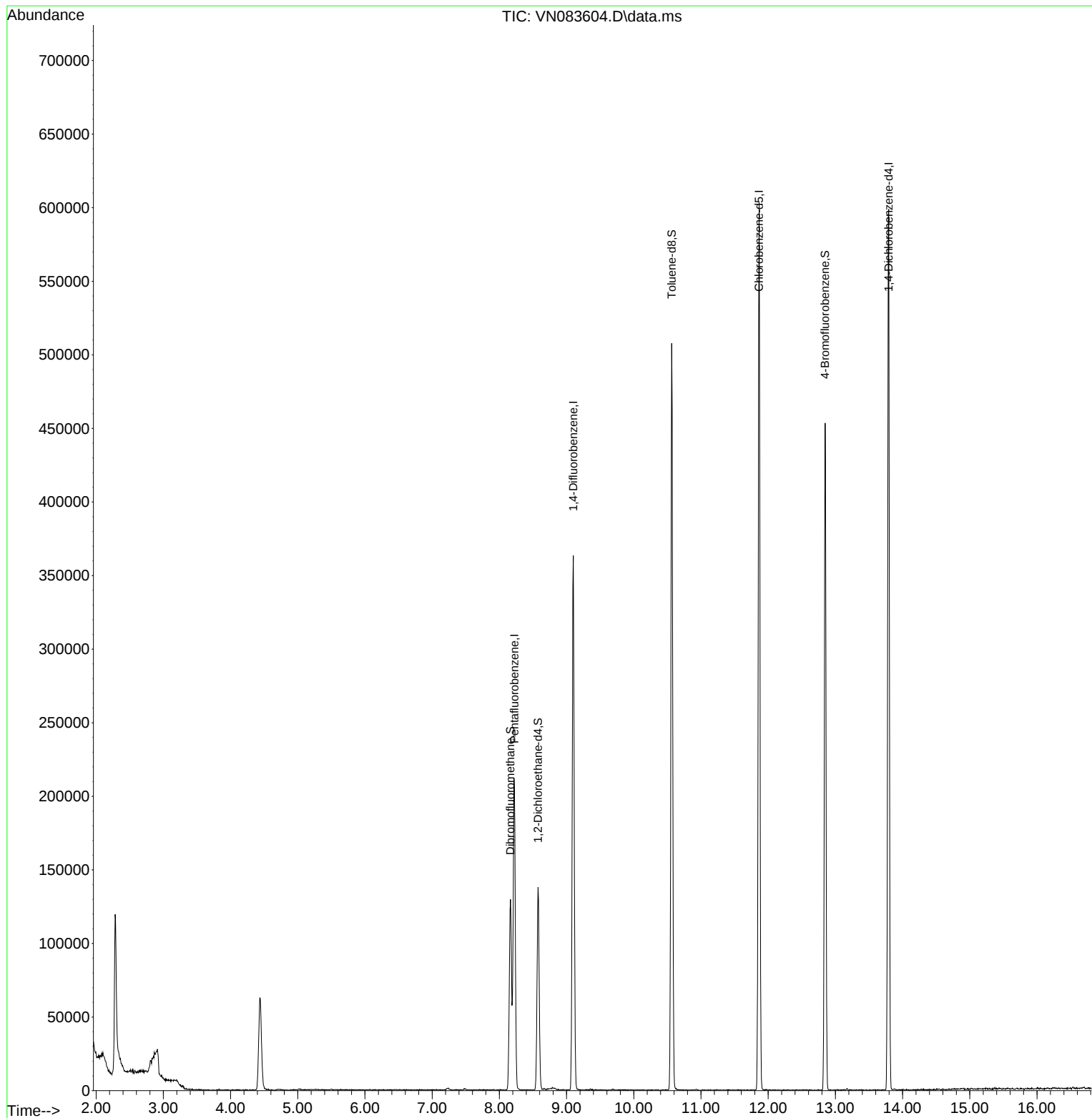
Target Compounds	Qvalue

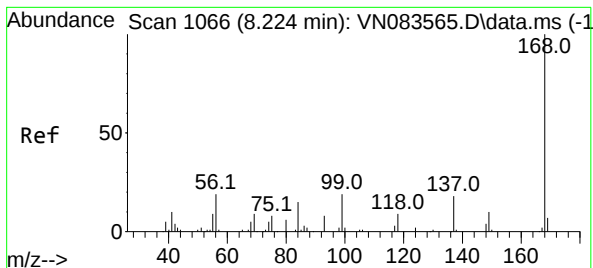
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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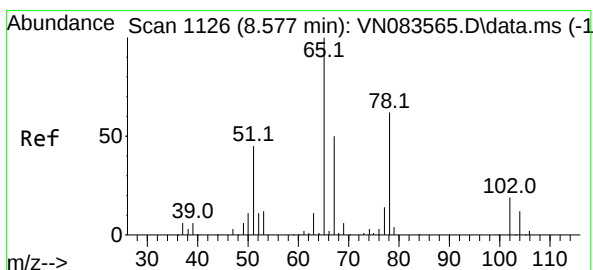
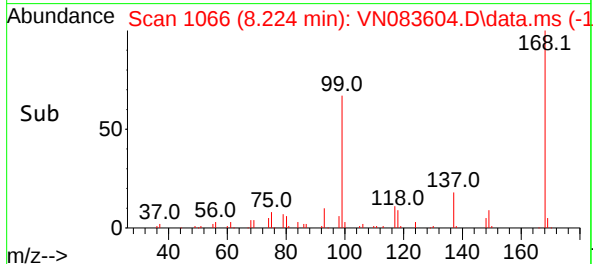
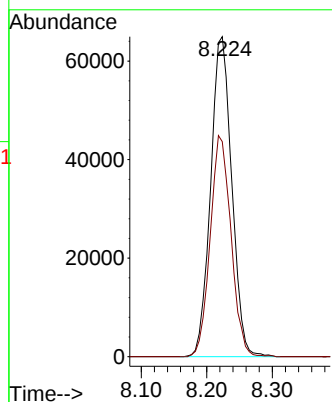
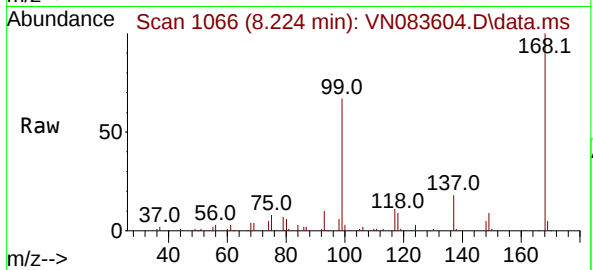




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

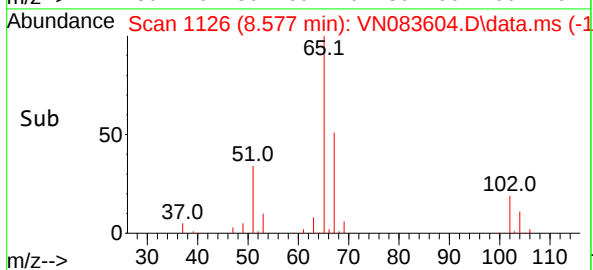
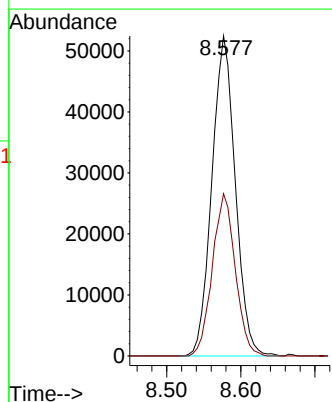
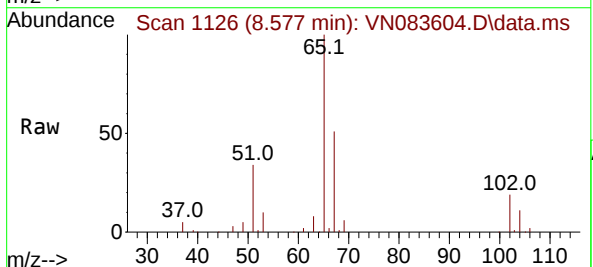
Instrument :
MSVOA_N
ClientSampleId :
OW-03B-51.5-082724

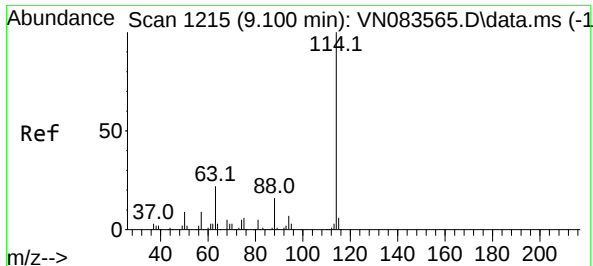
Tgt Ion:168 Resp: 145114
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.752 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 65 Resp: 115100
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

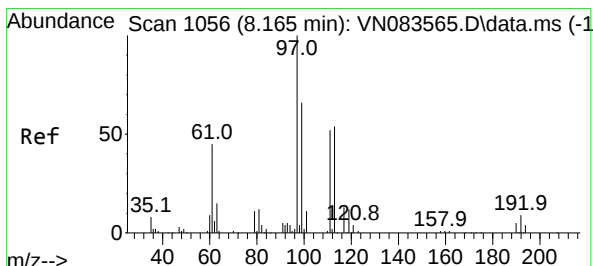
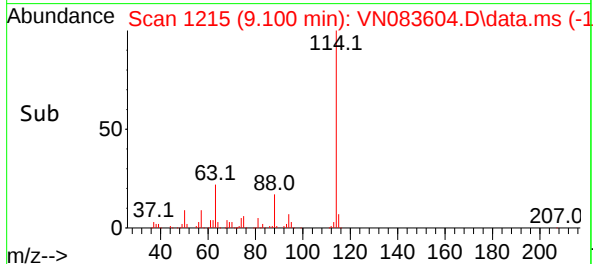
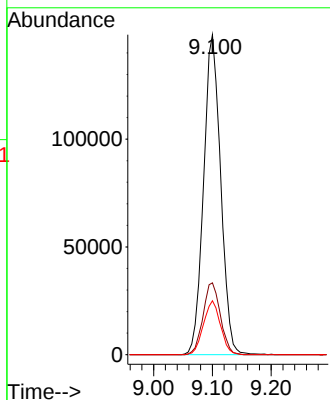
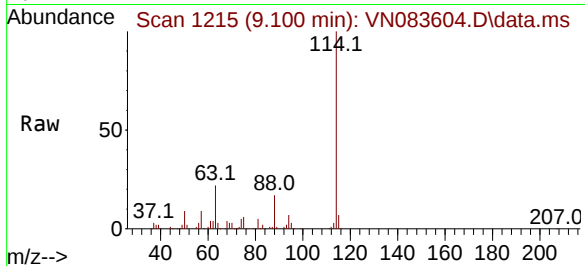




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

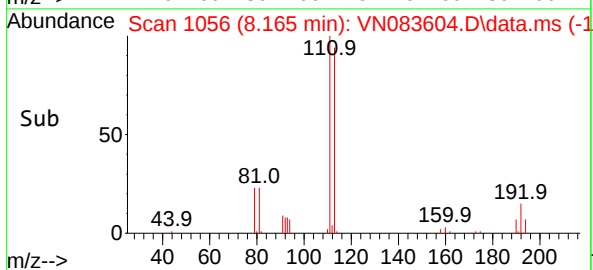
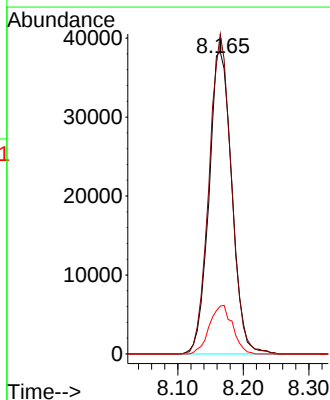
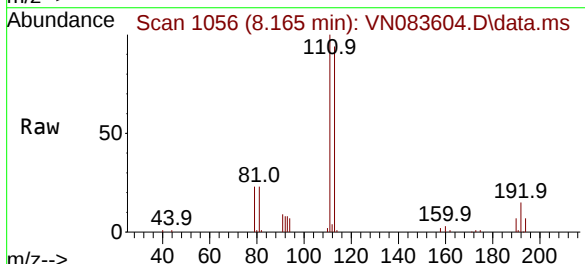
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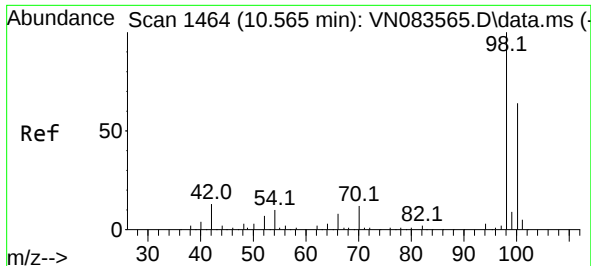
Tgt Ion:	114	Resp:	299289
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	16.9	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.626 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion:	113	Resp:	92996
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	16.2	14.3	21.5

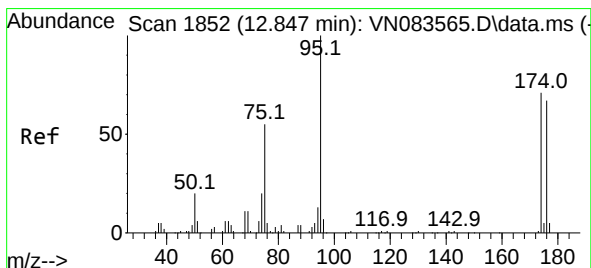
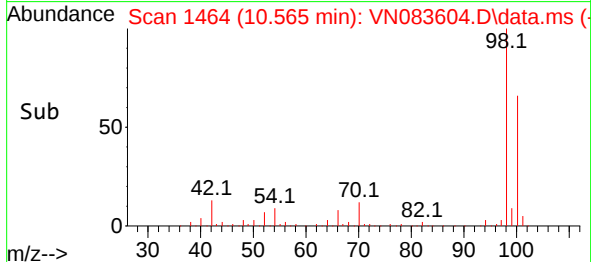
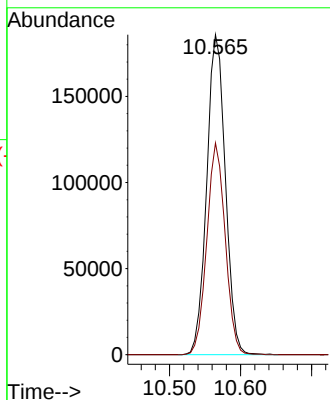
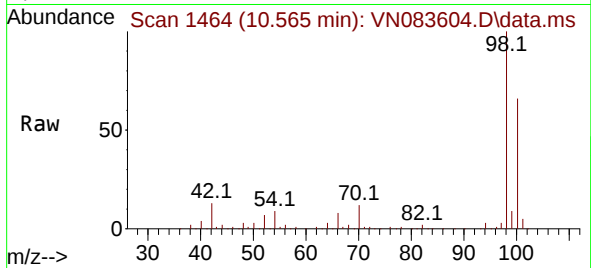




#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

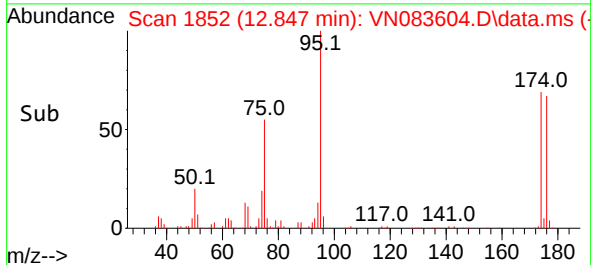
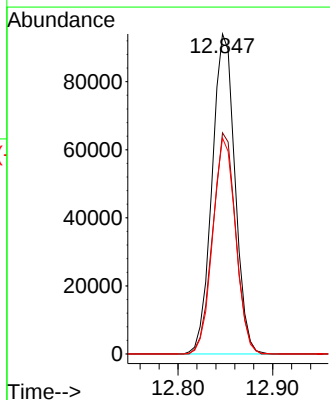
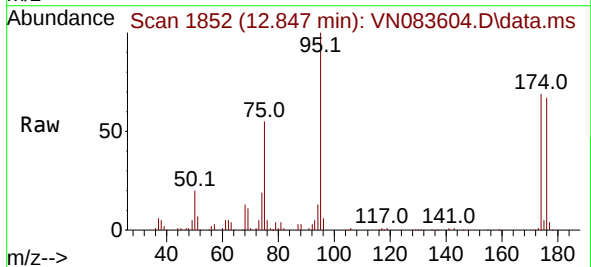
Instrument :
MSVOA_N
ClientSampleId :
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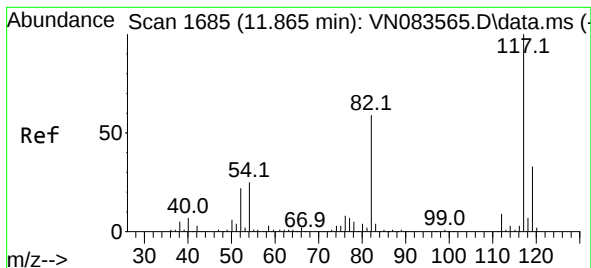
Tgt Ion: 98 Resp: 339185
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.781 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 95 Resp: 157945
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.8
176 67.5 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: VN083604.D

Acq: 31 Aug 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

OW-03B-51.5-082724

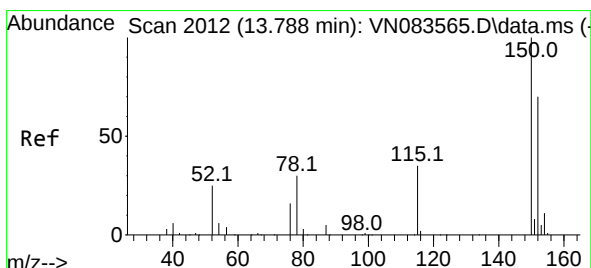
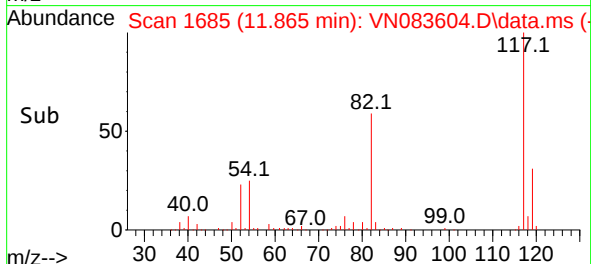
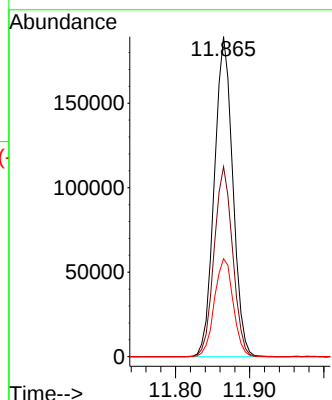
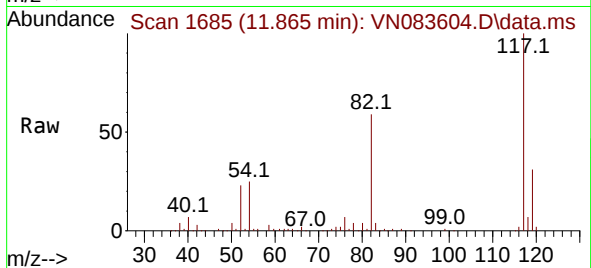
Tgt Ion:117 Resp: 327475

Ion Ratio Lower Upper

117 100

82 59.4 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: VN083604.D

Acq: 31 Aug 2024 08:57

Tgt Ion:152 Resp: 154740

Ion Ratio Lower Upper

152 100

115 65.9 32.2 96.6

150 160.2 0.0 348.6

