

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083435.D
 Acq On : 22 Aug 2024 14:56
 Operator : JC\MD
 Sample : P3656-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 23 01:41:21 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	125128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106402	59.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.480%
35) Dibromofluoromethane	8.165	113	84352	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.565	98	301135	49.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.847	95	136881	58.026	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.060%

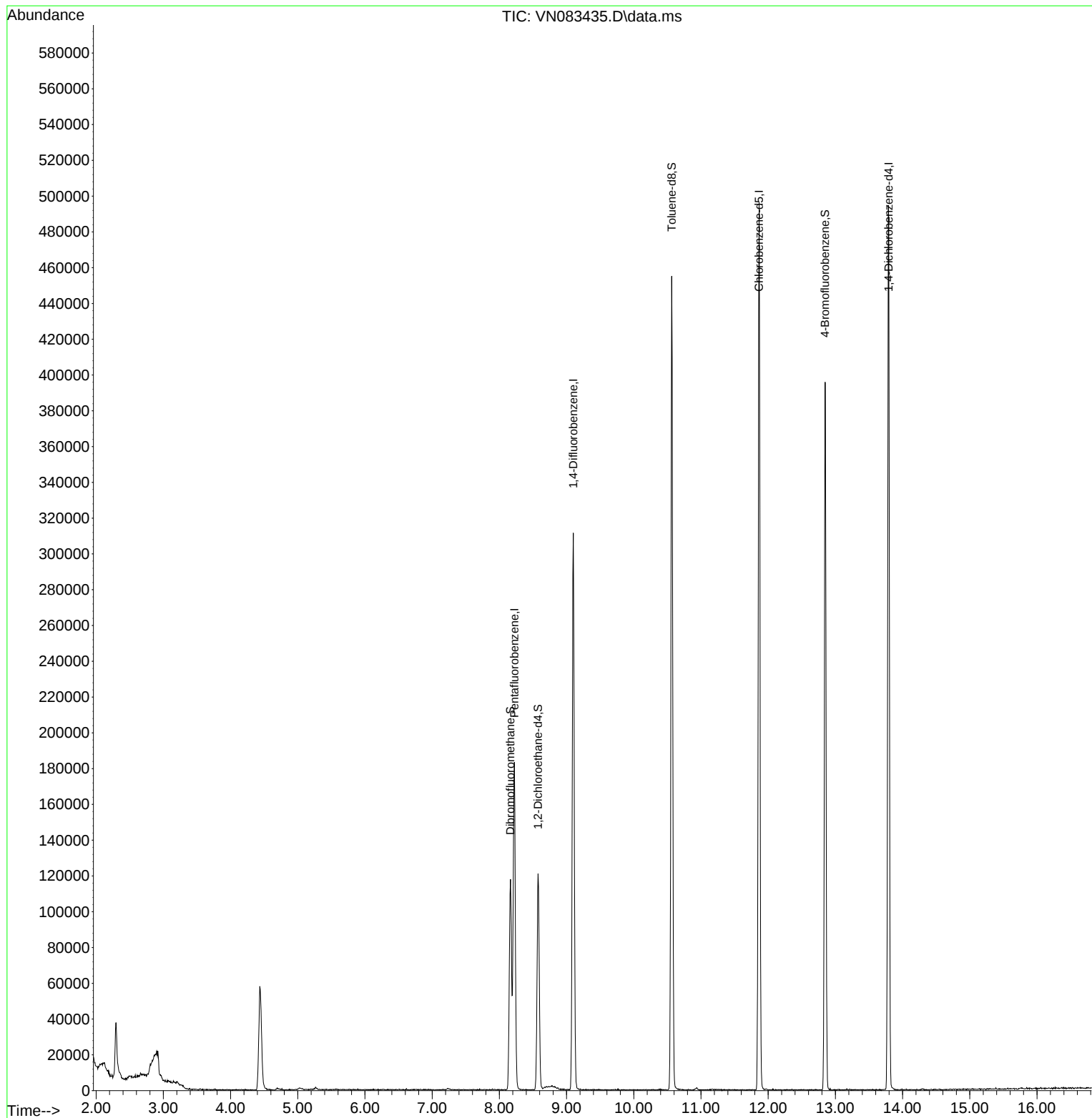
Target Compounds	Qvalue

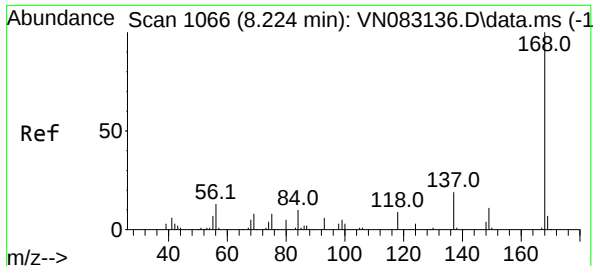
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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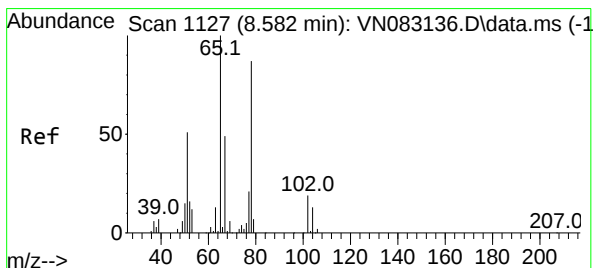
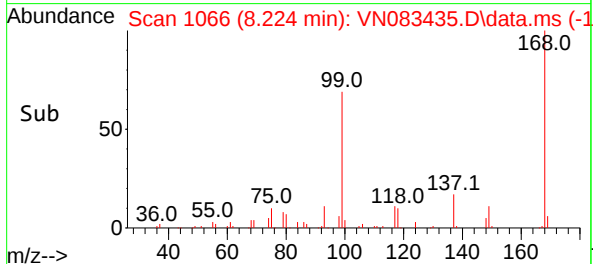
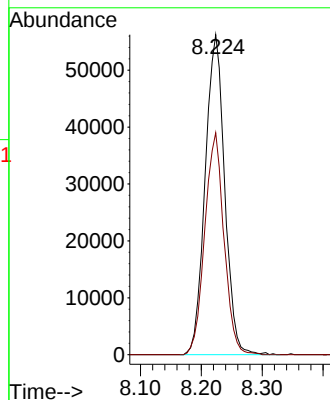
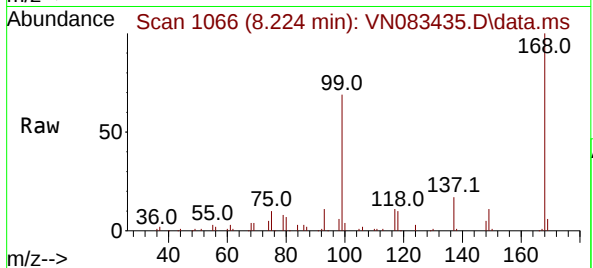




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

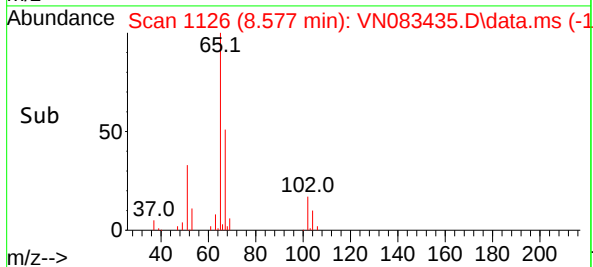
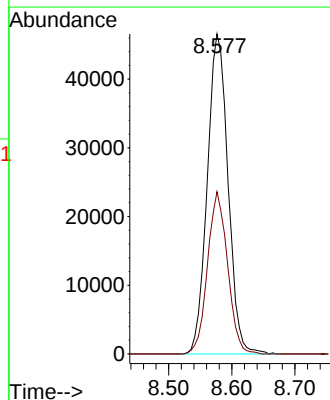
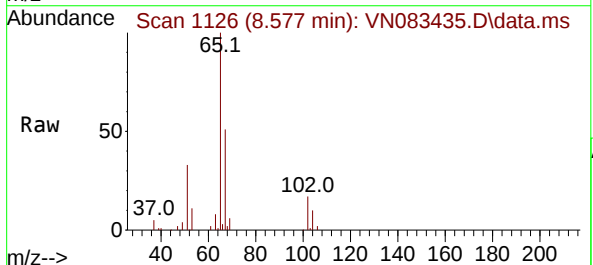
Instrument :
MSVOA_N
ClientSampleId :
TRIP BLANK

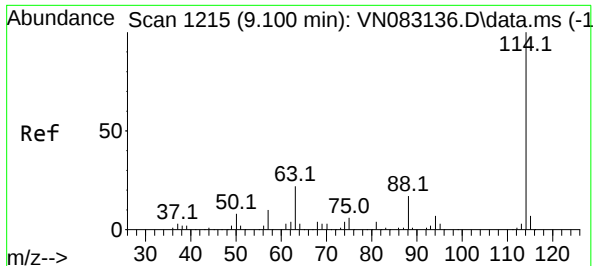
Tgt Ion:168 Resp: 125128
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.741 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 65 Resp: 106402
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.4

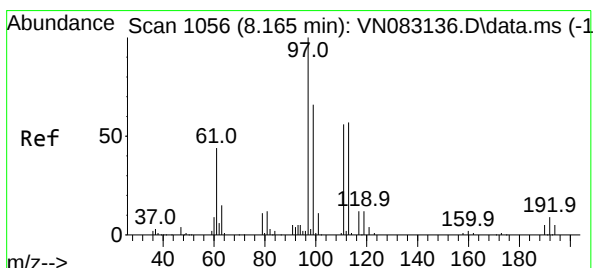
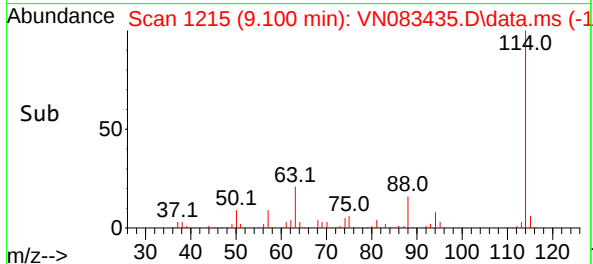
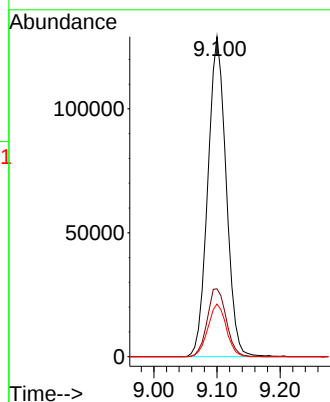
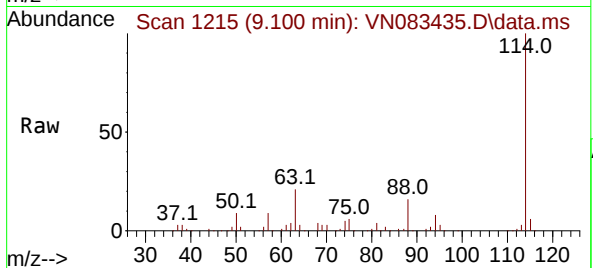




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

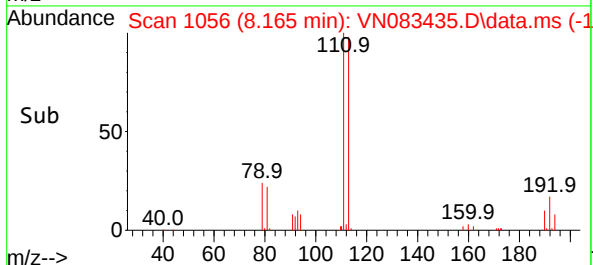
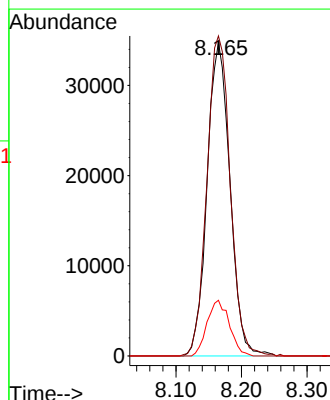
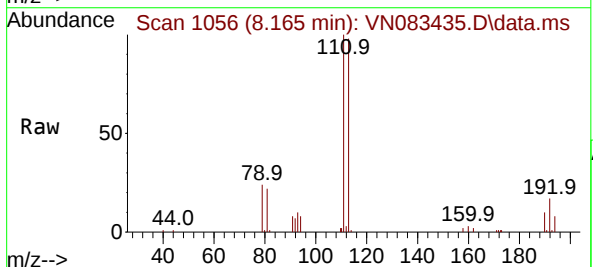
Instrument :
MSVOA_N
ClientSampleId :
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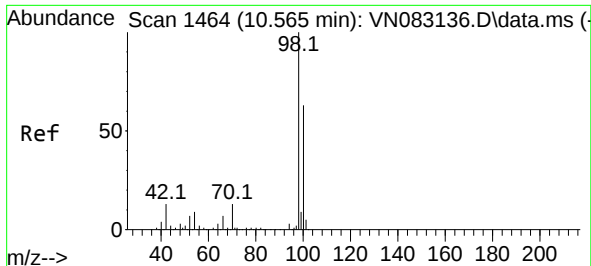
Tgt Ion:114 Resp: 259879
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.001 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion:113 Resp: 84352
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 17.3 14.9 22.3

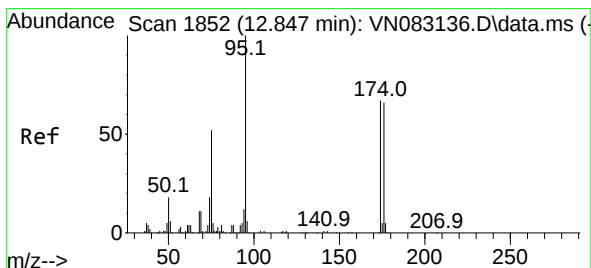
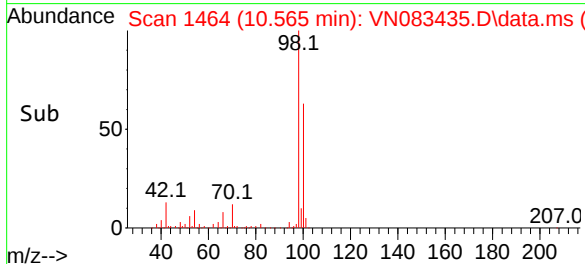
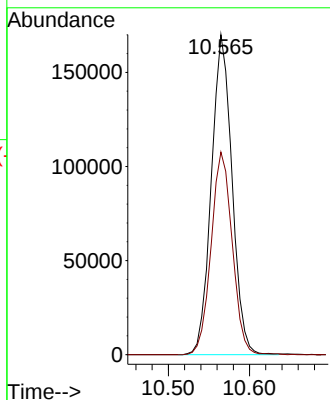
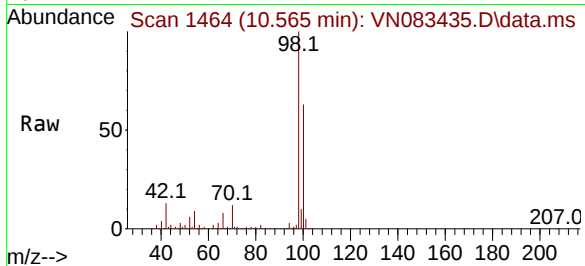




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

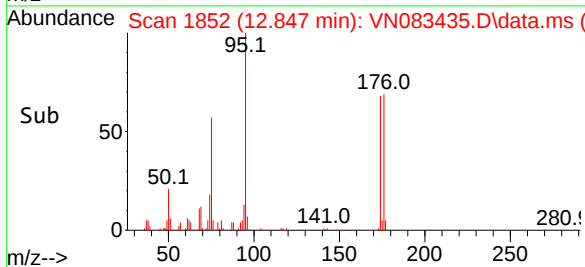
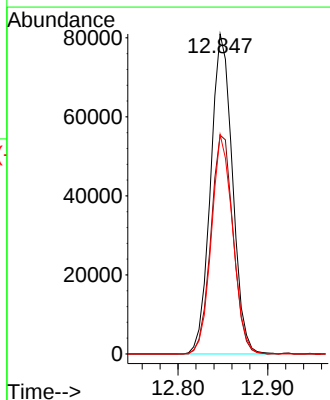
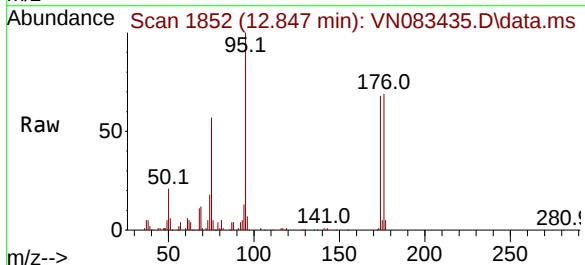
Instrument :
MSVOA_N
ClientSampleId :
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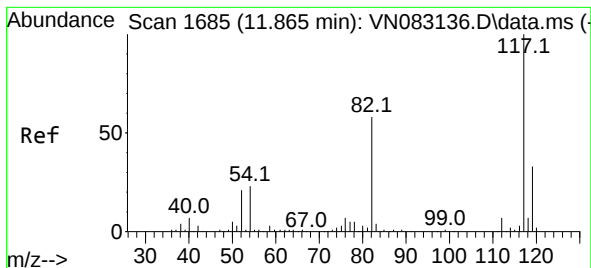
Tgt Ion: 98 Resp: 301135
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 95 Resp: 136881
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 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: VN083435.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP BLANK

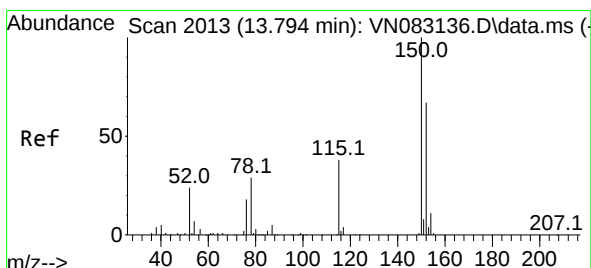
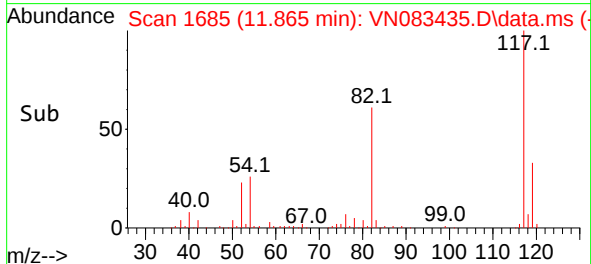
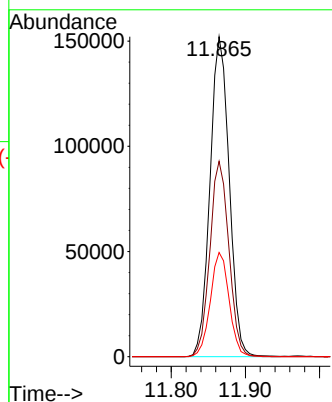
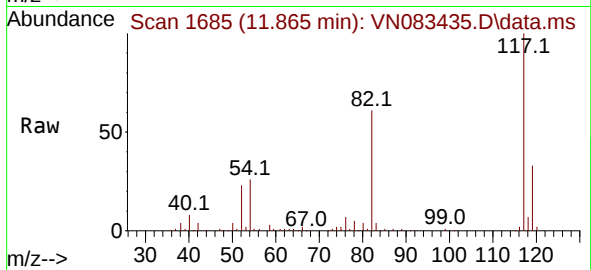
Tgt Ion:117 Resp: 274177

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083435.D

Acq: 22 Aug 2024 14:56

Tgt Ion:152 Resp: 131520

Ion Ratio Lower Upper

152 100

115 63.6 30.6 91.6

150 157.6 0.0 348.6

