

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083439.D
 Acq On : 22 Aug 2024 16:33
 Operator : JC\MD
 Sample : P3645-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-081524

Quant Time: Aug 23 01:42:15 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	125922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101330	56.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.060%
35) Dibromofluoromethane	8.165	113	80238	49.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	10.565	98	290123	48.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.847	95	132687	56.762	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.520%

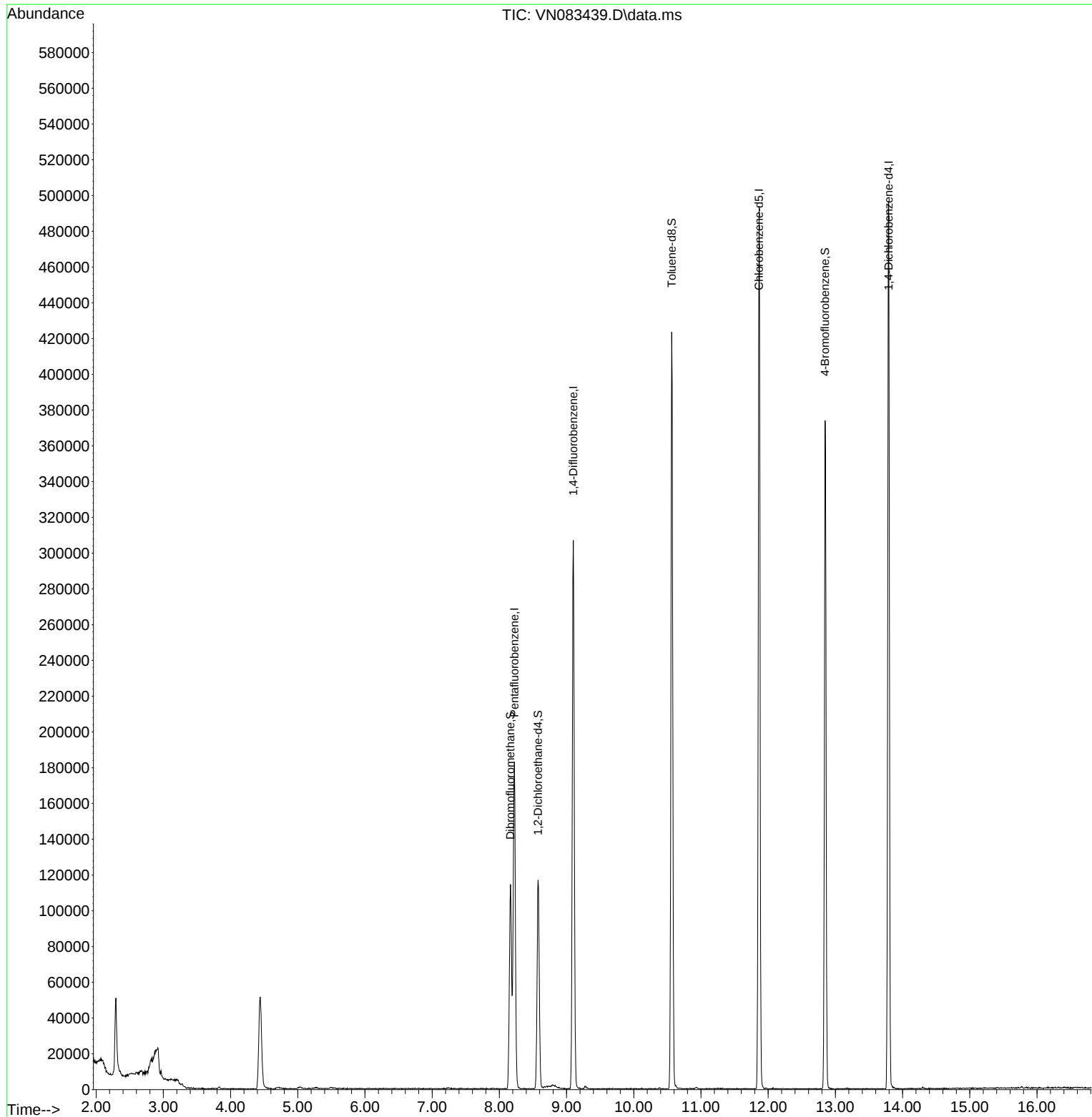
Target Compounds	Qvalue

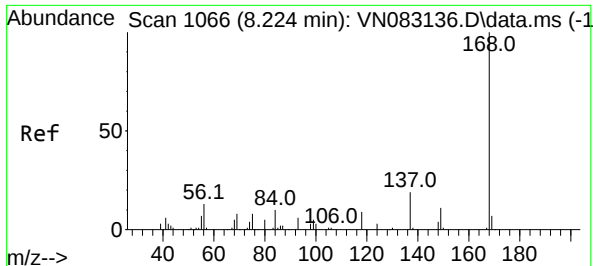
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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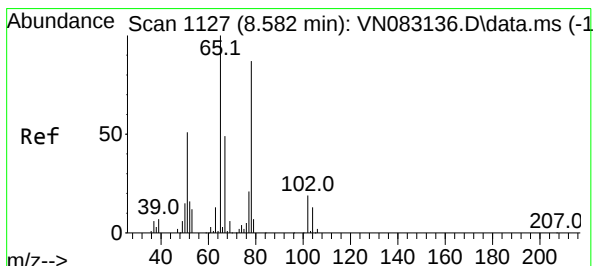
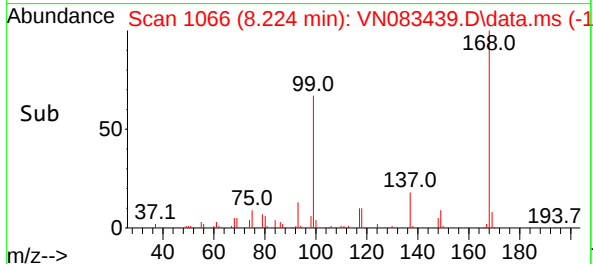
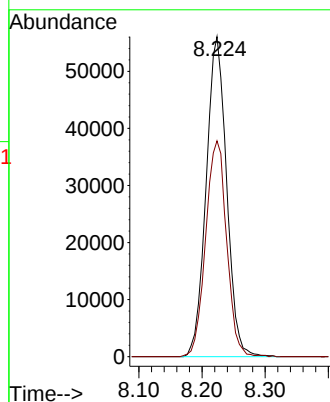
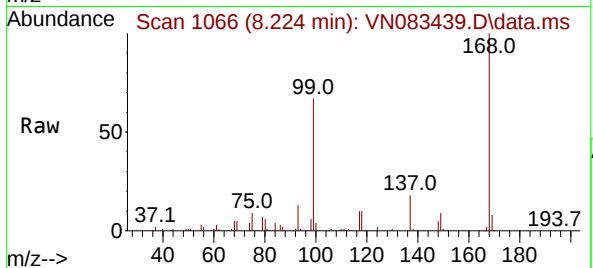




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

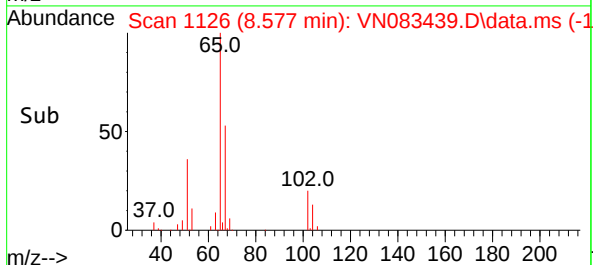
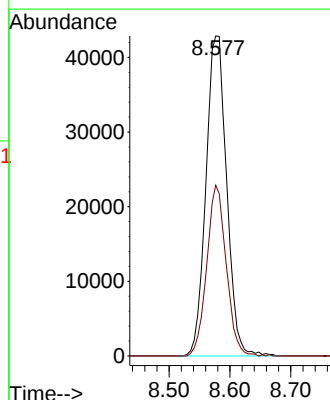
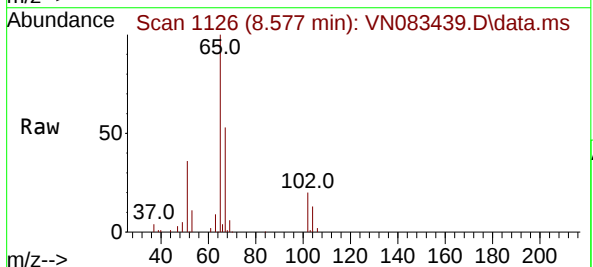
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081524

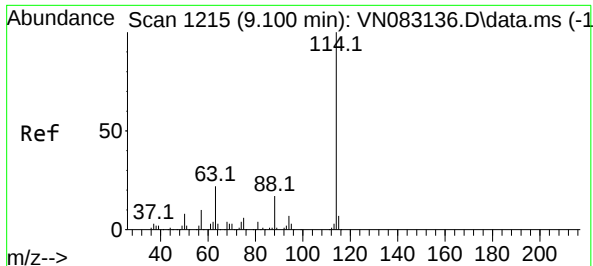
Tgt Ion:168 Resp: 125922
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.534 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion: 65 Resp: 101330
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083439.D

Acq: 22 Aug 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

TB-02-081524

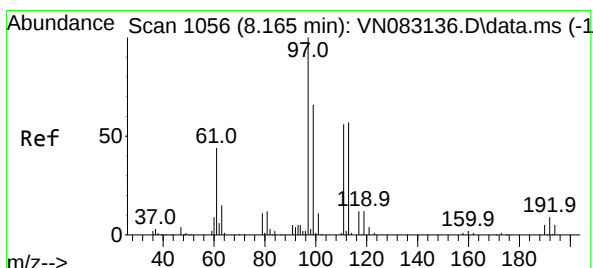
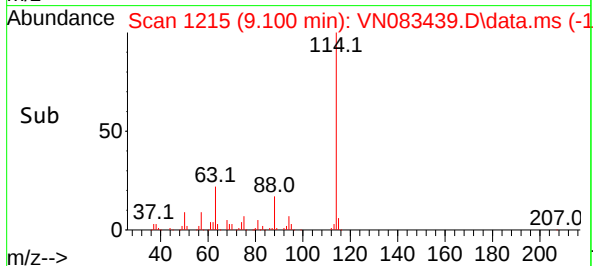
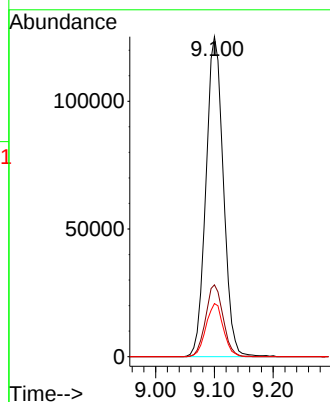
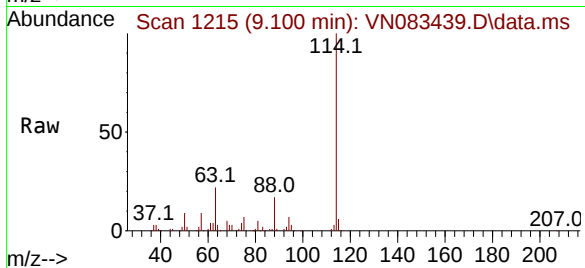
Tgt Ion:114 Resp: 257527

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.917 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083439.D

Acq: 22 Aug 2024 16:33

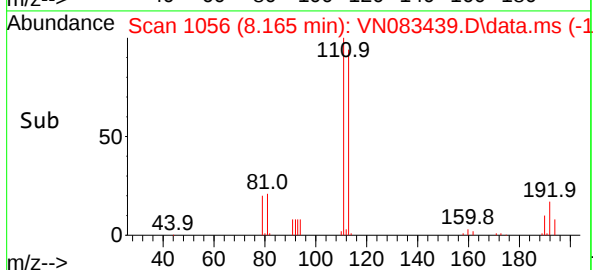
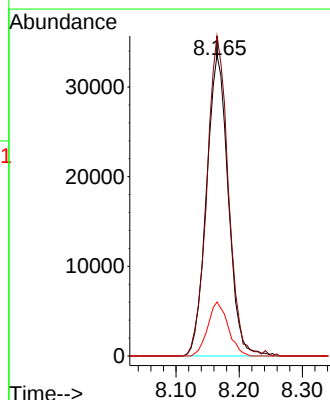
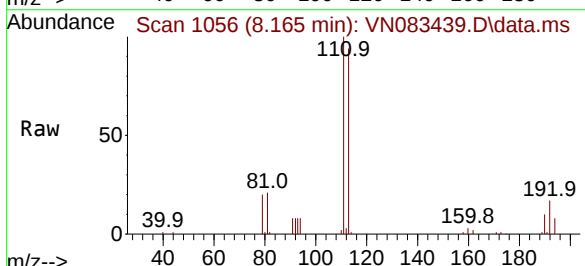
Tgt Ion:113 Resp: 80238

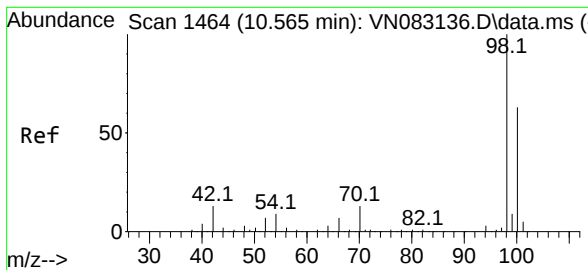
Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

192 16.8 14.9 22.3

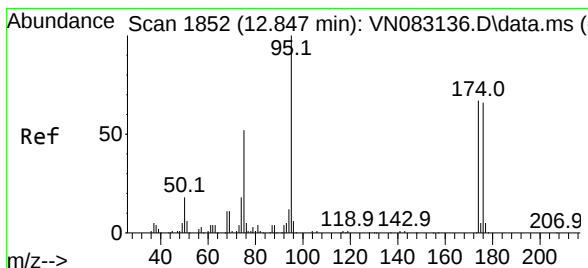
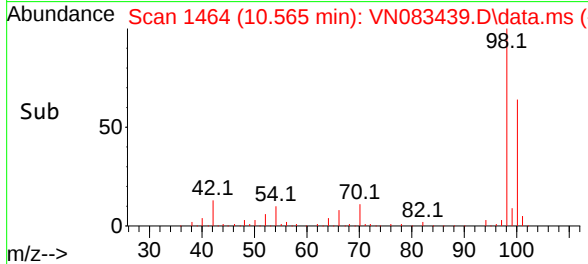
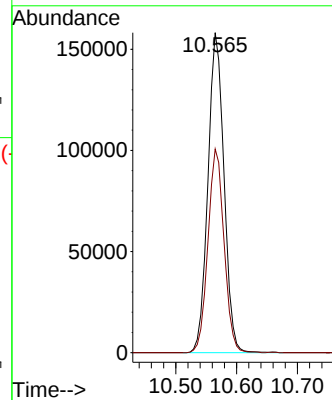
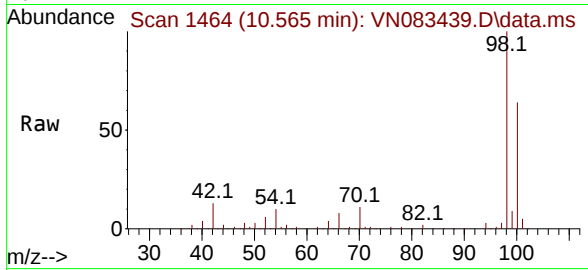




#50
Toluene-d8
Concen: 48.385 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

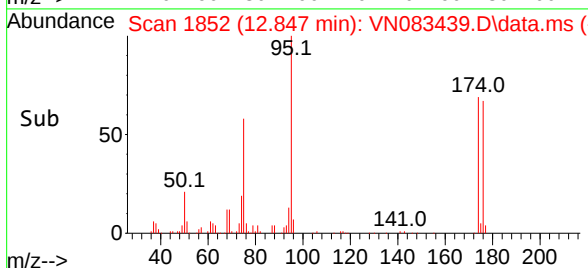
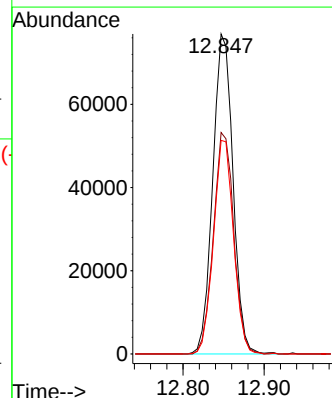
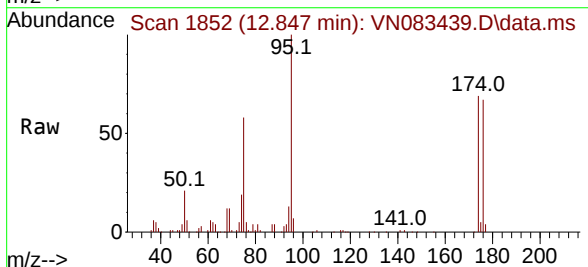
Instrument :
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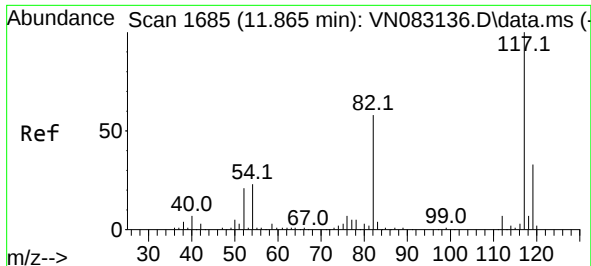
Tgt Ion: 98 Resp: 290123
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.762 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion: 95 Resp: 132687
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 66.4 0.0 147.6

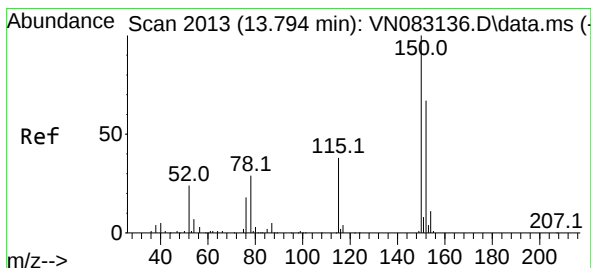
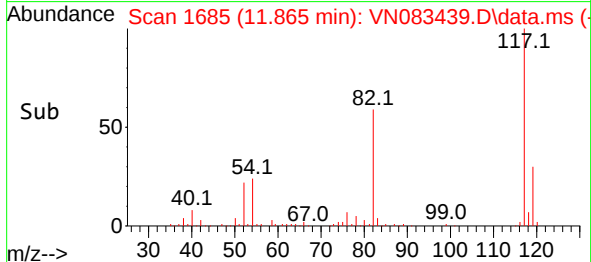
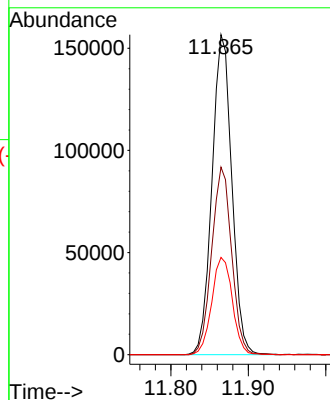
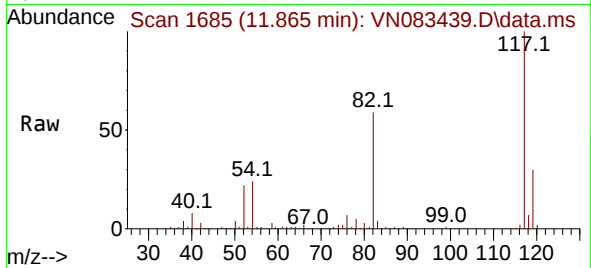




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
TB-02-081524

Tgt Ion:117 Resp: 277904
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 30.4 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: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion:152 Resp: 131821
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 156.1 0.0 348.6

