

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083340.D
 Acq On : 15 Aug 2024 18:50
 Operator : JC\MD
 Sample : P3623-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT189D2-HYD-20240813

Quant Time: Aug 16 03:59:17 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	8.230	168	120497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	100435	58.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.120%
35) Dibromofluoromethane	8.171	113	80844	54.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.560%
50) Toluene-d8	10.571	98	302349	54.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.853	95	121706	56.194	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.380%

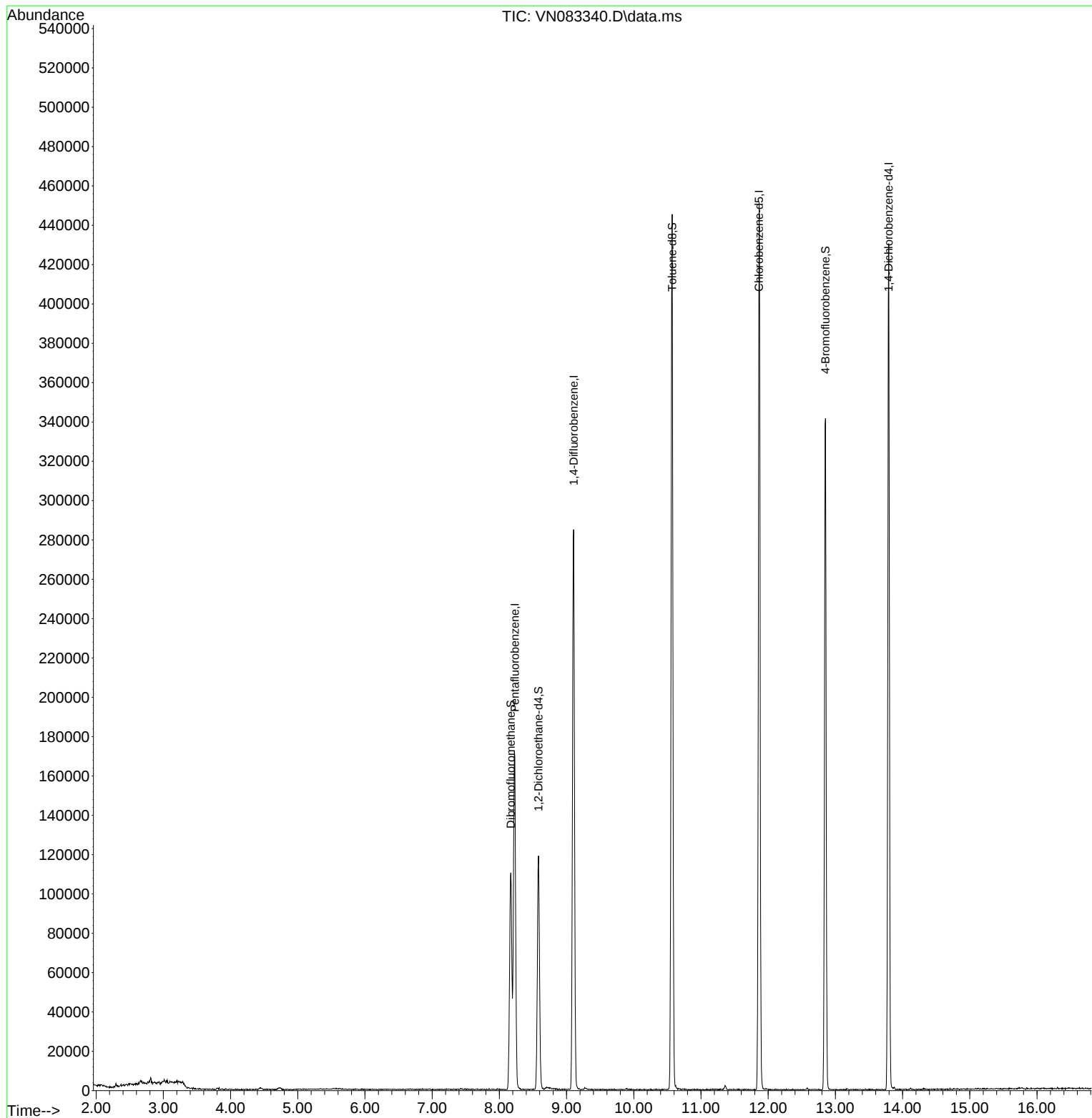
Target Compounds	Qvalue

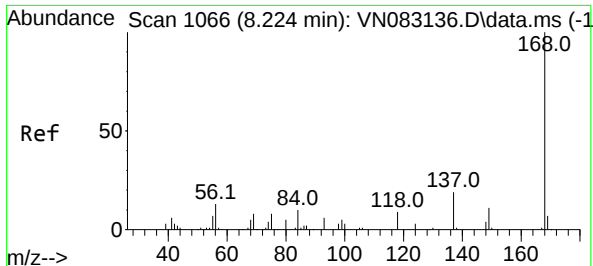
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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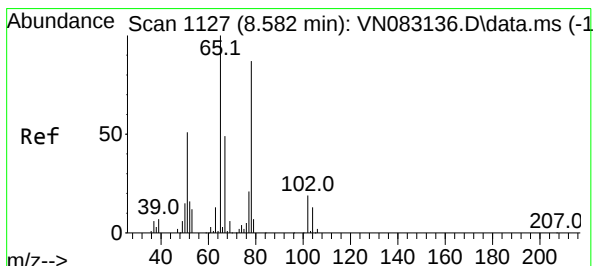
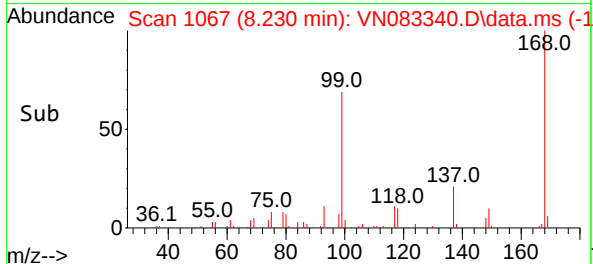
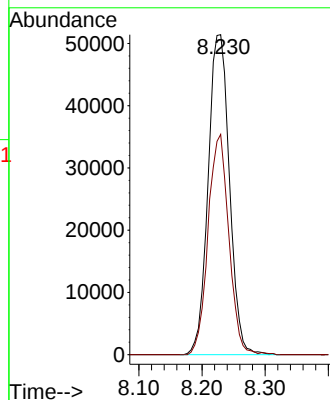
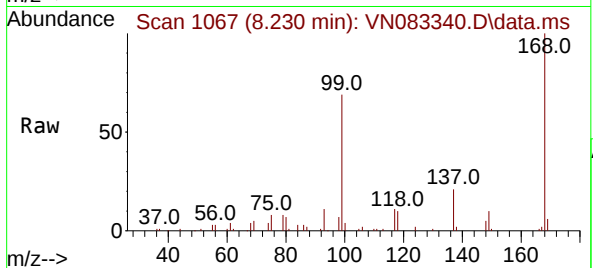




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

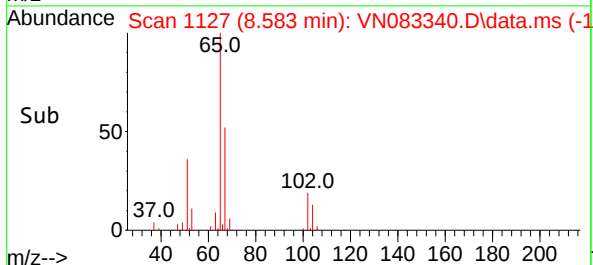
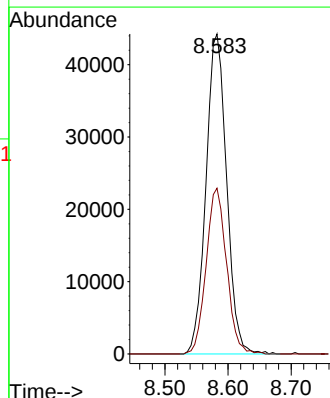
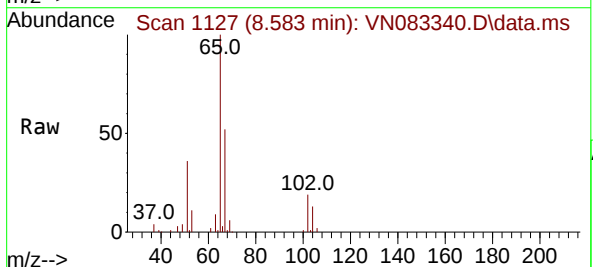
Instrument :
MSVOA_N
ClientSampleId :
TT189D2-HYD-20240813

Tgt Ion:168 Resp: 120497
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.558 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 65 Resp: 100435
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

TT189D2-HYD-20240813

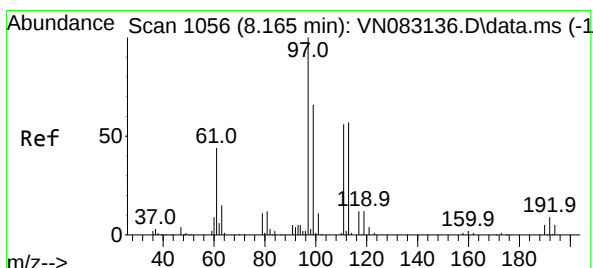
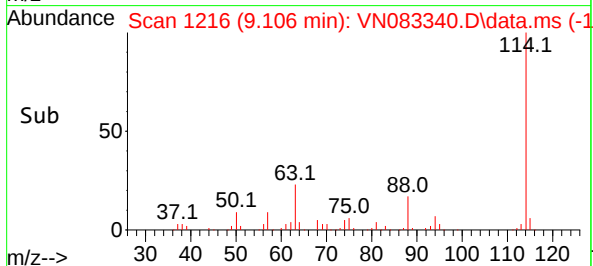
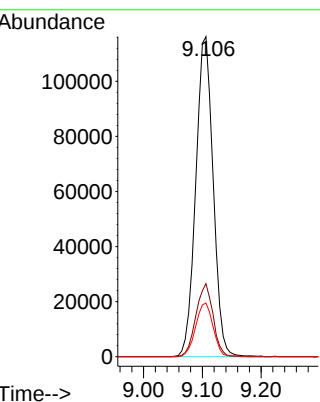
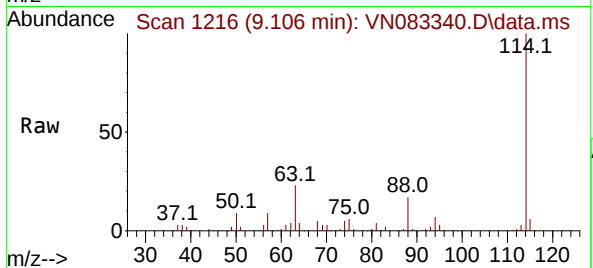
Tgt Ion:114 Resp: 238601

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.283 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

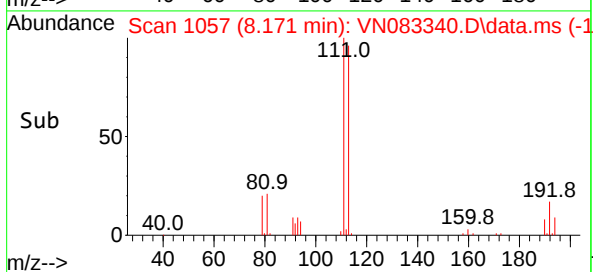
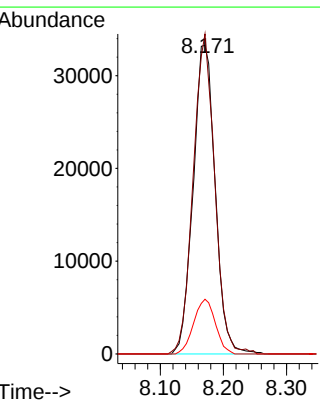
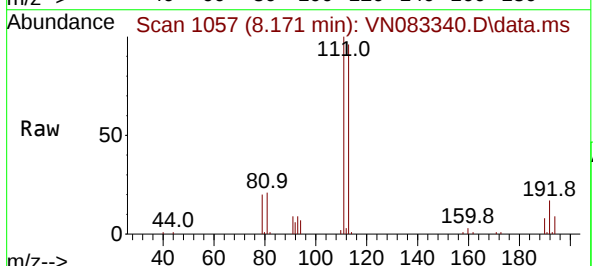
Tgt Ion:113 Resp: 80844

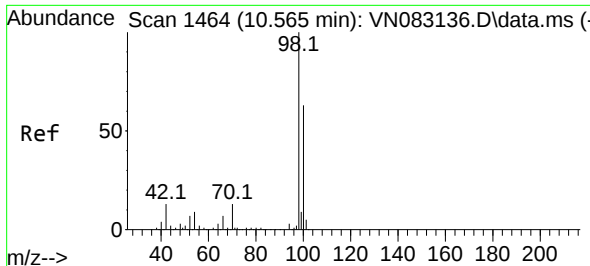
Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

192 17.4 14.9 22.3

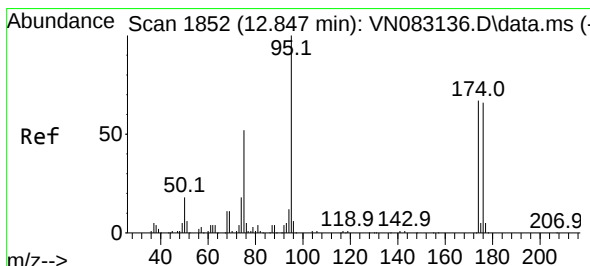
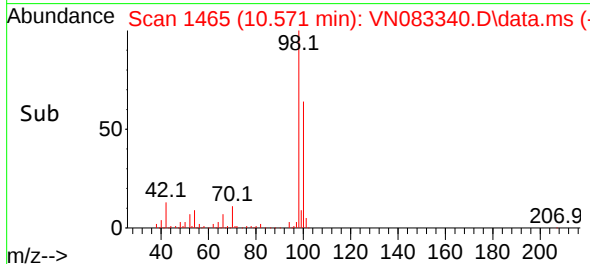
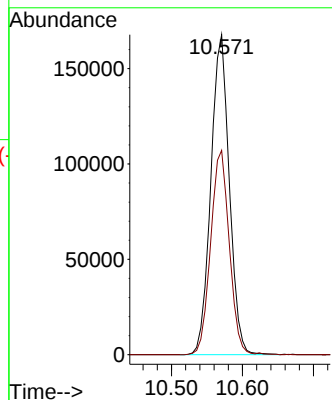
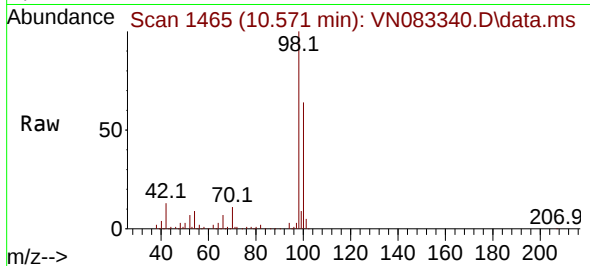




#50
Toluene-d8
Concen: 54.424 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

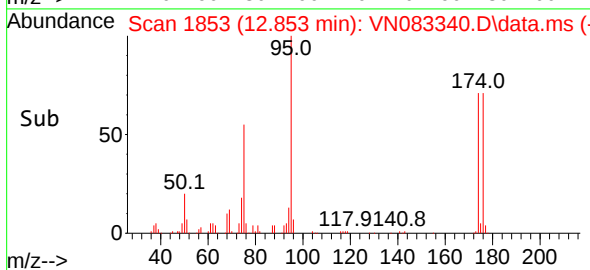
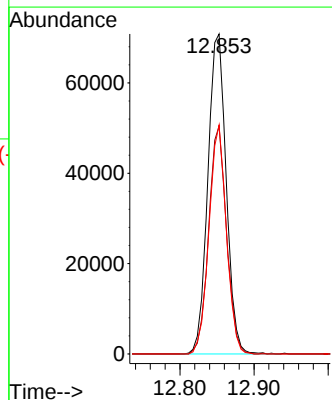
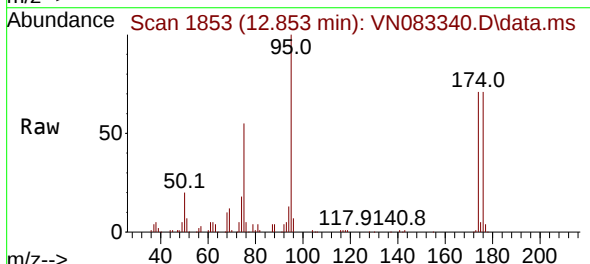
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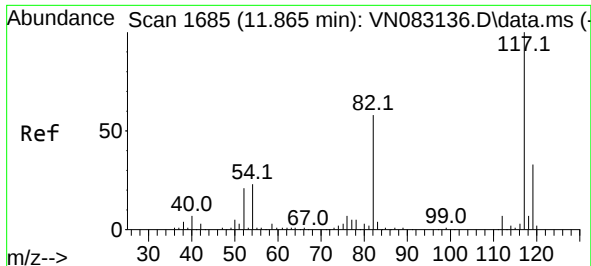
Tgt Ion: 98 Resp: 302349
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.194 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 95 Resp: 121706
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.8 0.0 147.6

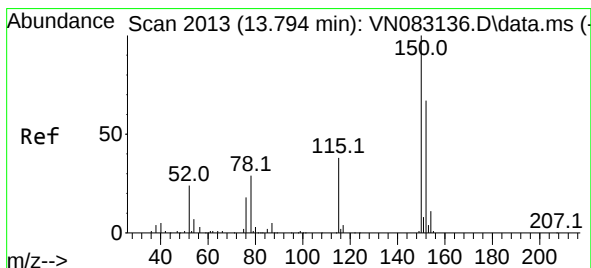
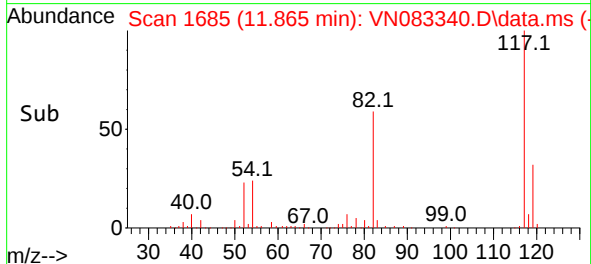
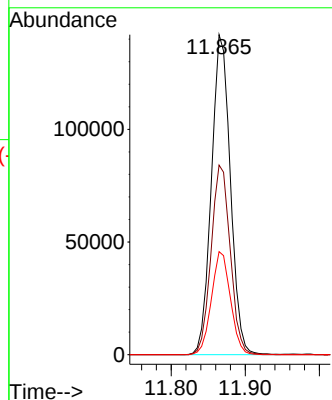
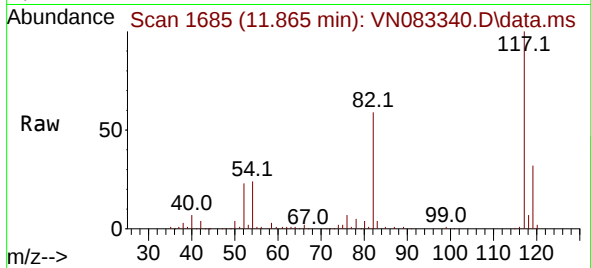




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
TT189D2-HYD-20240813

Tgt Ion:117 Resp: 252349
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.2 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: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion:152 Resp: 110533
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 155.0 0.0 348.6

