

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082549.D
 Acq On : 13 Jun 2024 10:55
 Operator : JC\MD
 Sample : VN0613WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBL01

Quant Time: Jun 14 02:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	164890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132644	50.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.900%
35) Dibromofluoromethane	8.165	113	98743	53.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.680%
50) Toluene-d8	10.565	98	362865	51.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	120691	47.641	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.280%

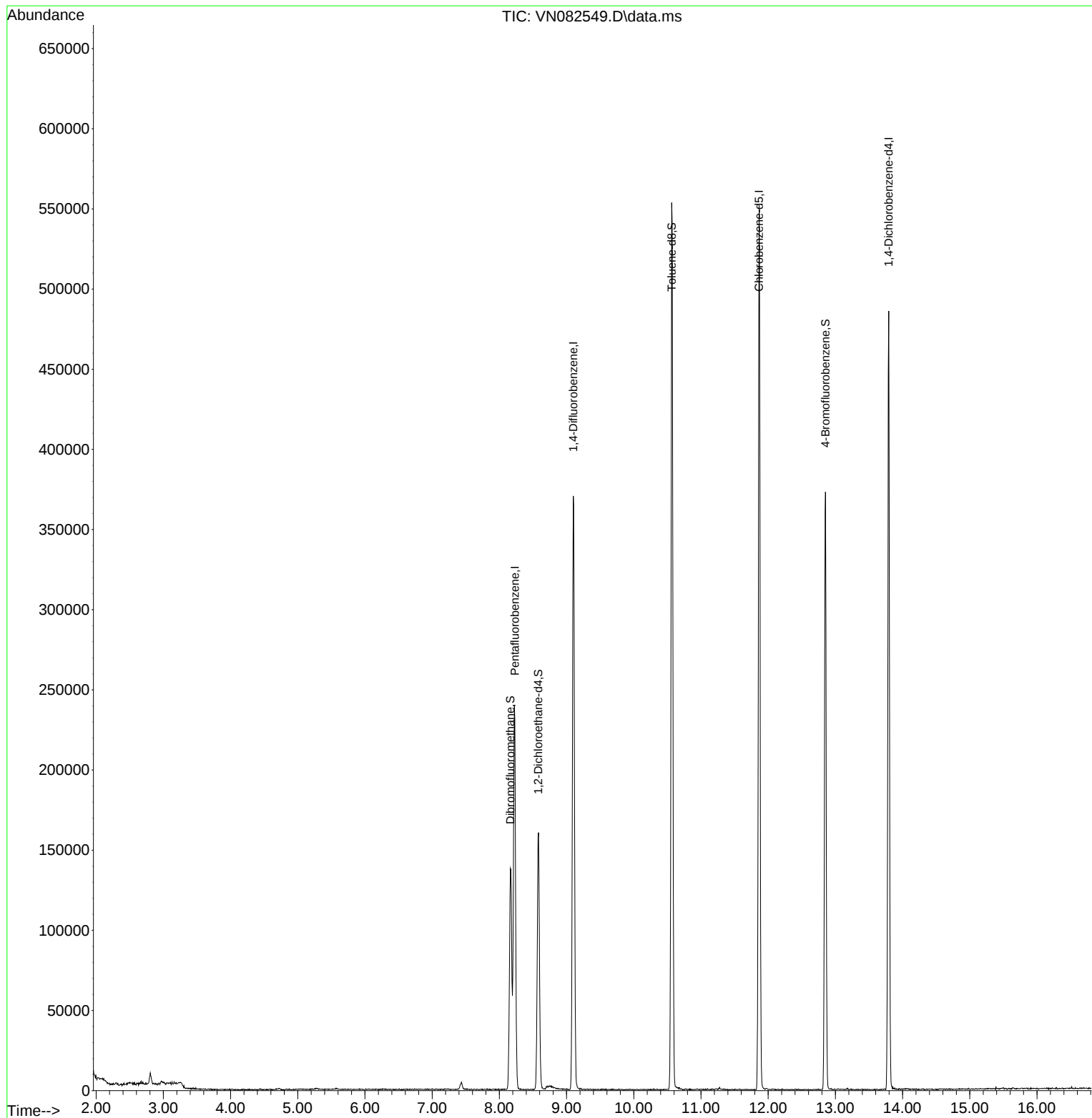
Target Compounds	Qvalue

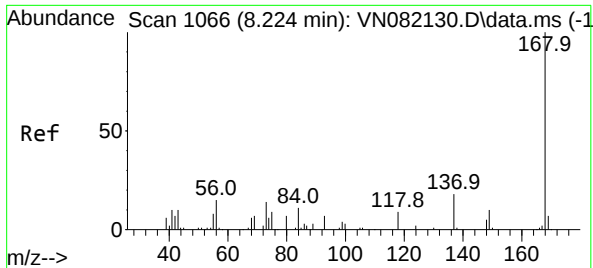
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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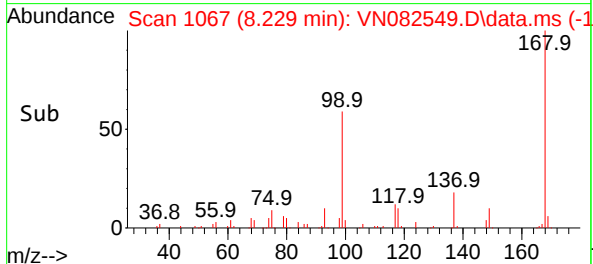
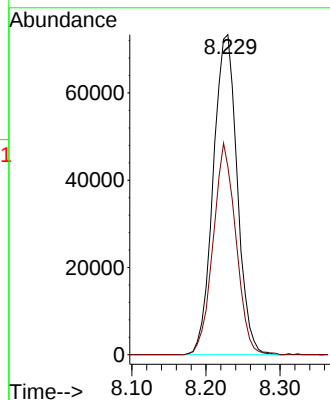
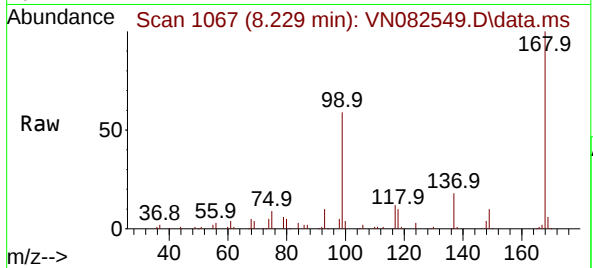




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

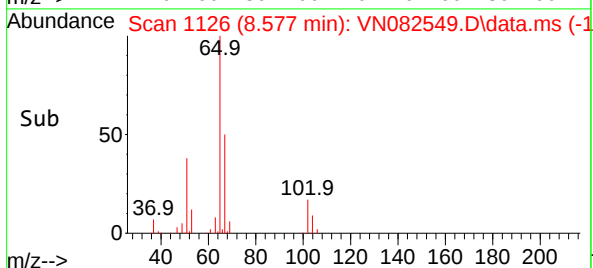
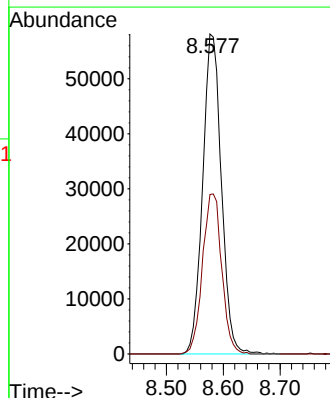
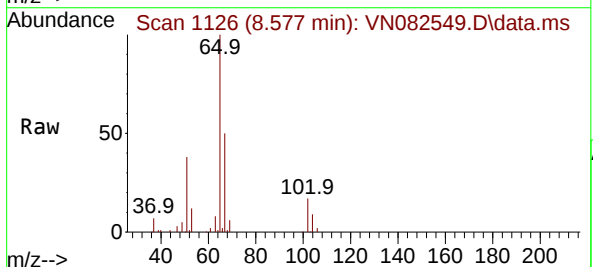
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

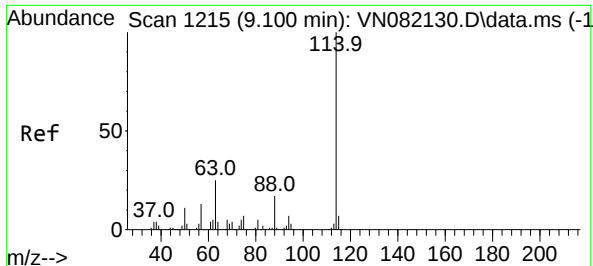
Tgt Ion:168 Resp: 164890
Ion Ratio Lower Upper
168 100
99 58.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.945 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

Tgt Ion: 65 Resp: 132644
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

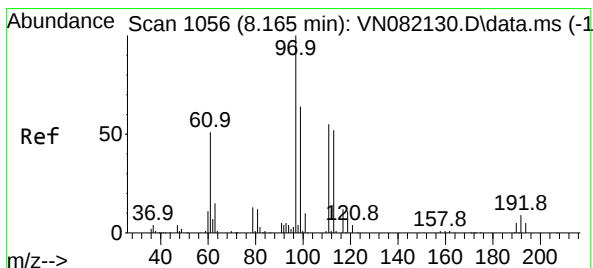
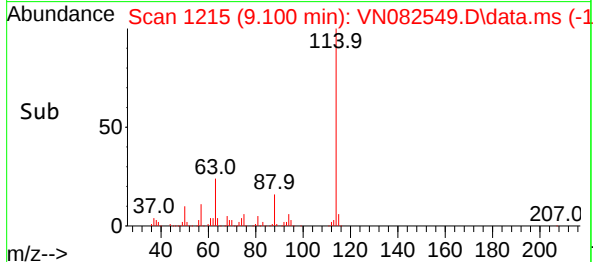
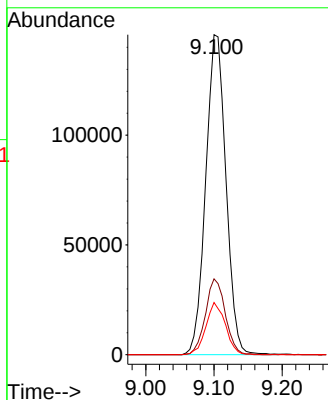
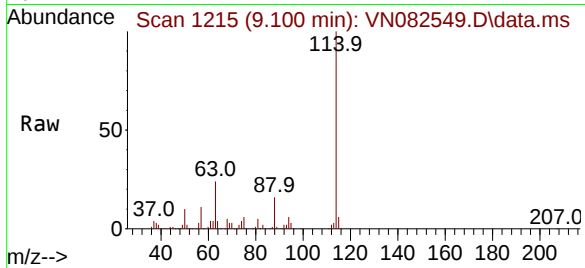




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

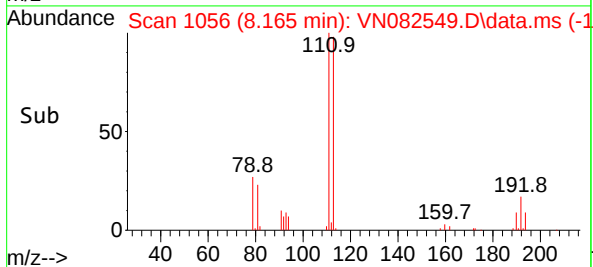
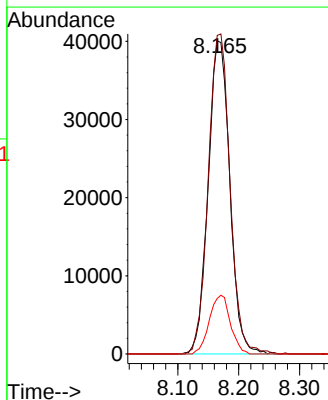
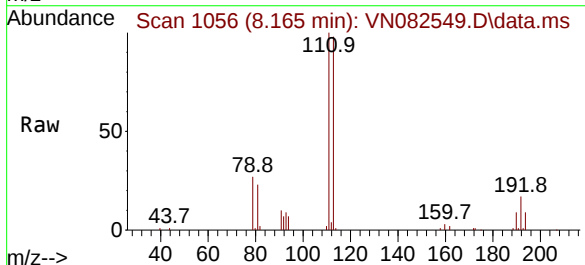
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VN0613WBL01

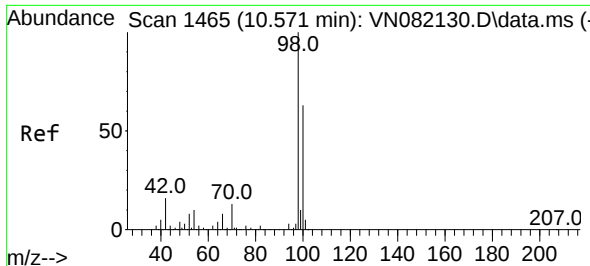
Tgt Ion:114 Resp: 300948
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.337 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

Tgt Ion:113 Resp: 98743
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.2 14.0 21.0

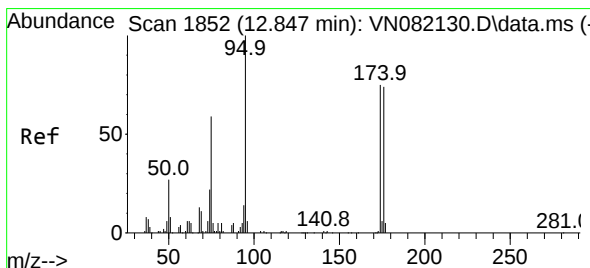
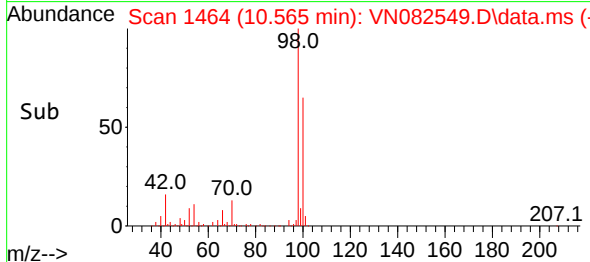
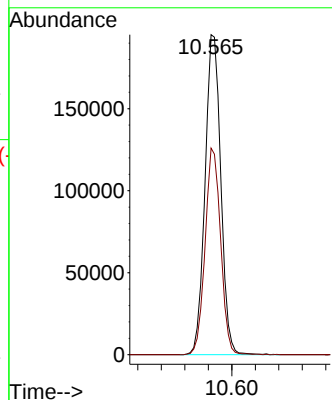
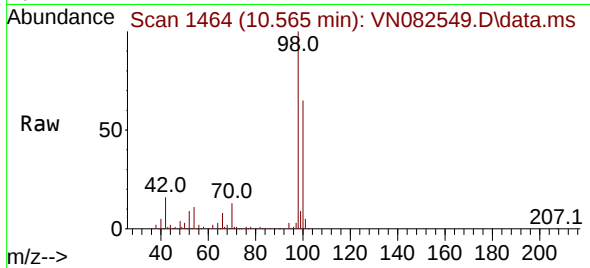




#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

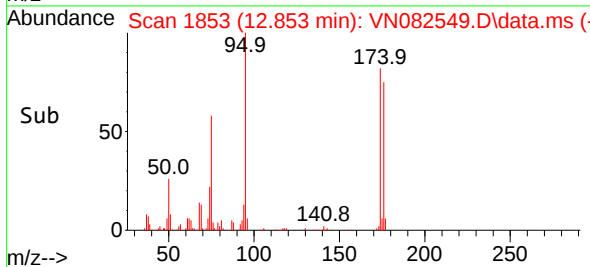
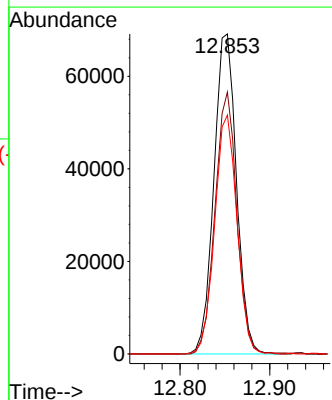
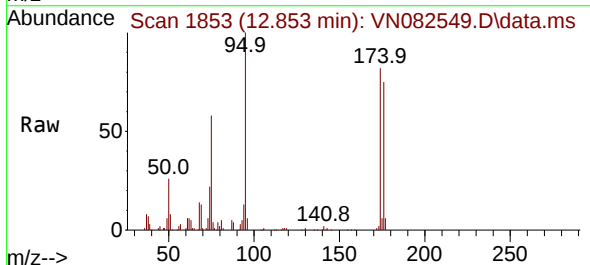
Instrument :
MSVOA_N
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VN0613WBL01

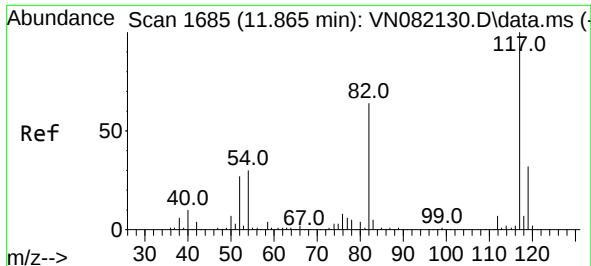
Tgt Ion: 98 Resp: 362865
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.641 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

Tgt Ion: 95 Resp: 120691
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.6
176 73.8 0.0 152.8

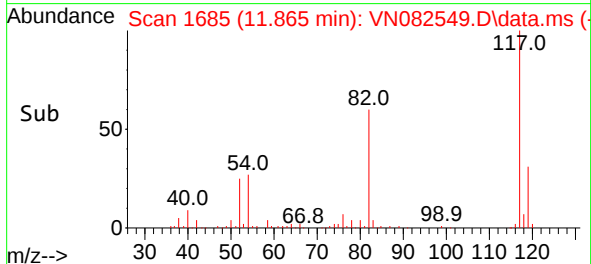
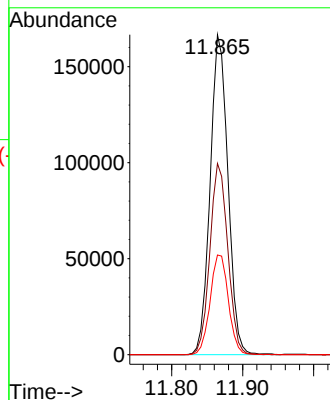
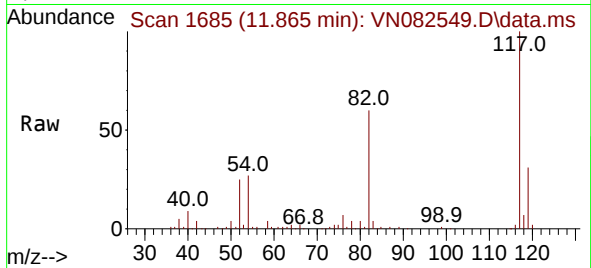




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

Tgt Ion:117 Resp: 289699
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082549.D
Acq: 13 Jun 2024 10:55

Tgt Ion:152 Resp: 121942
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 155.7 0.0 353.2

