

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081952.D
 Acq On : 01 May 2024 13:26
 Operator : JC\MD
 Sample : P2306-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20240429

Quant Time: May 02 01:35:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	400240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151601	45.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.640%
35) Dibromofluoromethane	8.165	113	114904	47.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.571	98	481720	50.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.847	95	160501	42.900	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.800%

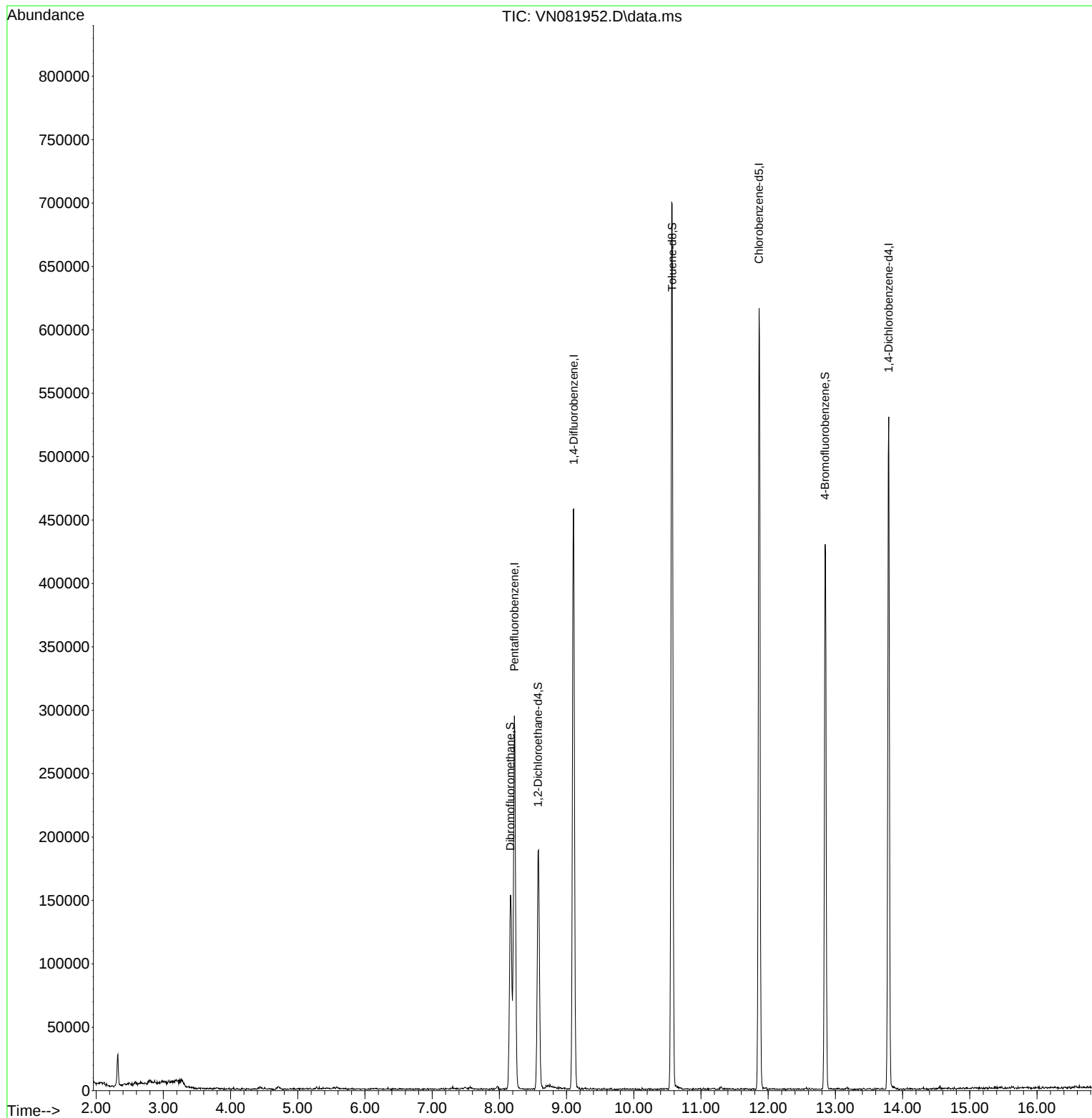
Target Compounds	Qvalue

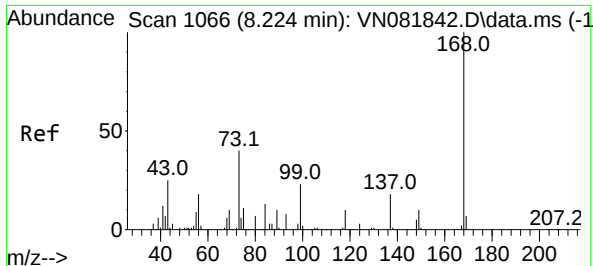
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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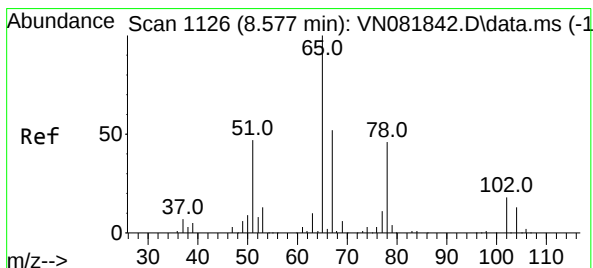
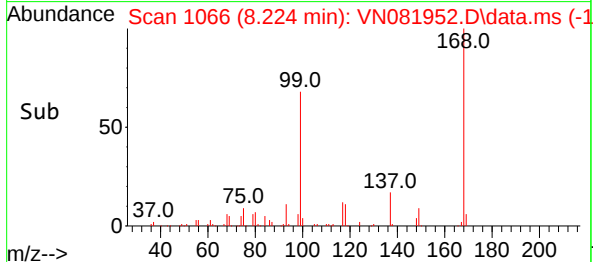
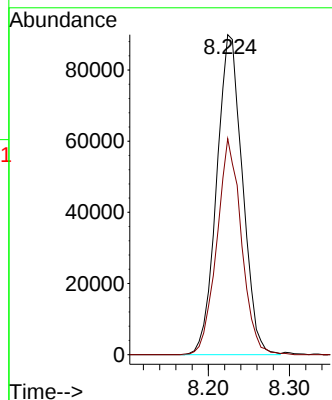
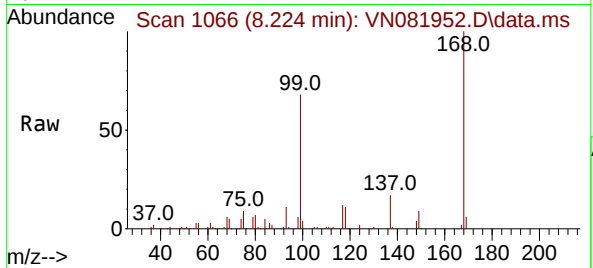




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

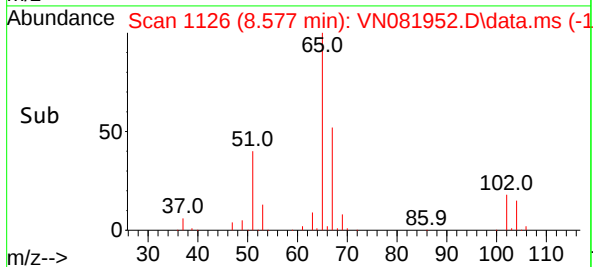
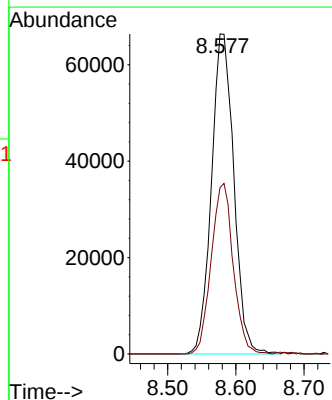
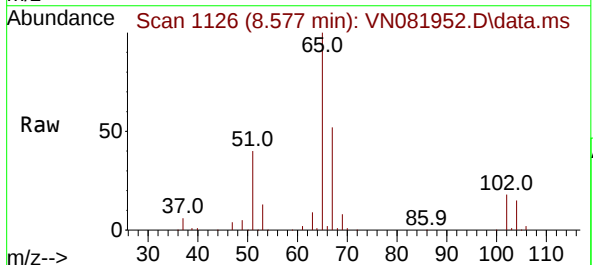
Instrument :
MSVOA_N
ClientSampleId :
EB-20240429

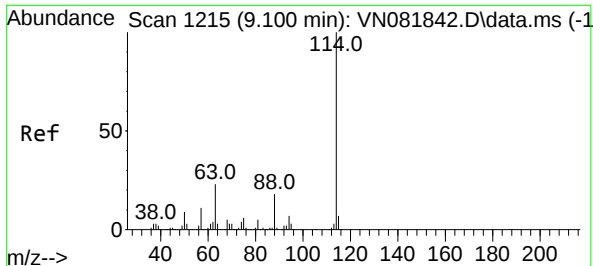
Tgt Ion:168 Resp: 198203
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.320 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 65 Resp: 151601
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

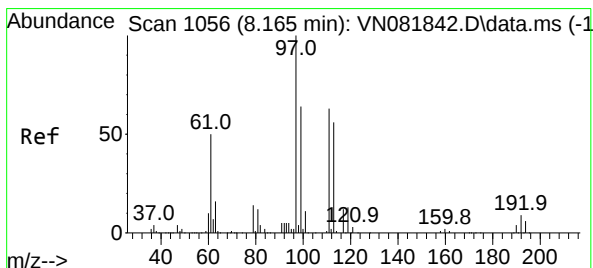
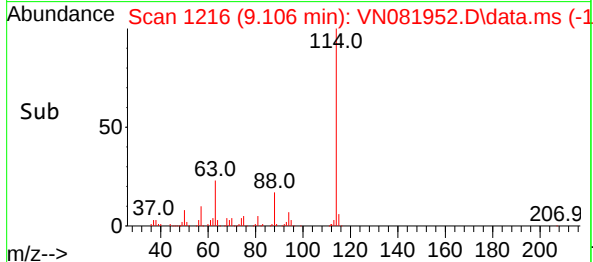
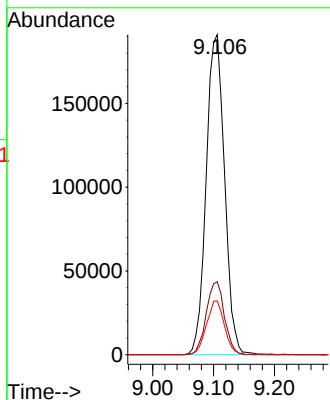
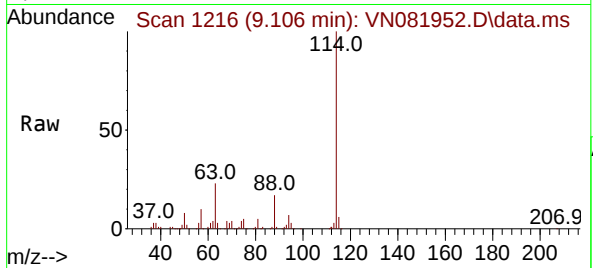




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

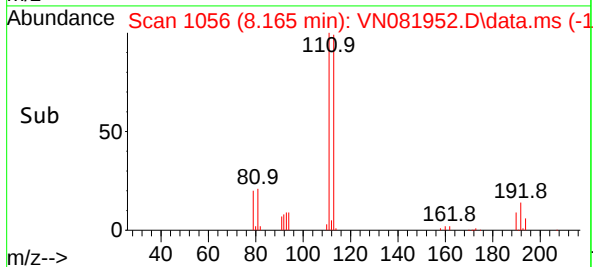
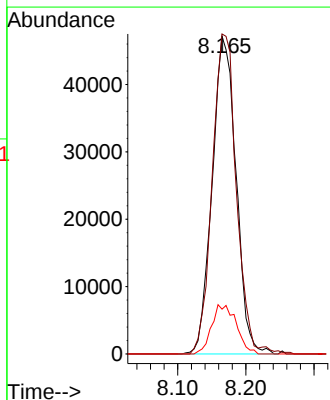
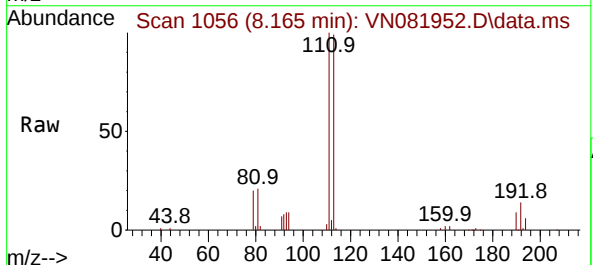
Instrument :
MSVOA_N
ClientSampleId :
EB-20240429

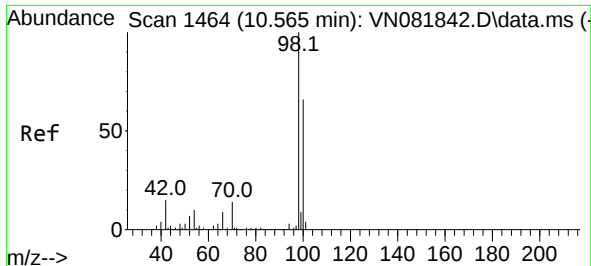
Tgt Ion:114 Resp: 400240
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.0
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.682 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion:113 Resp: 114904
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 16.0 14.0 21.0

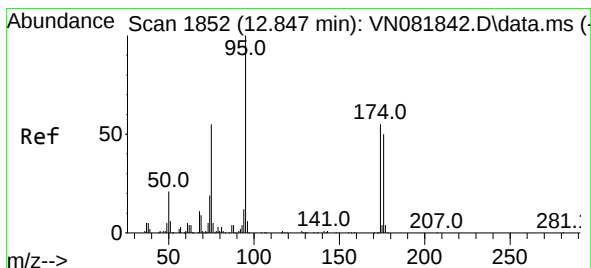
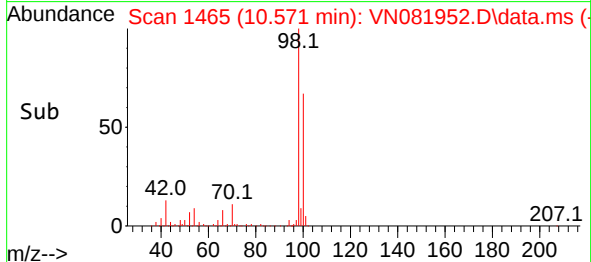
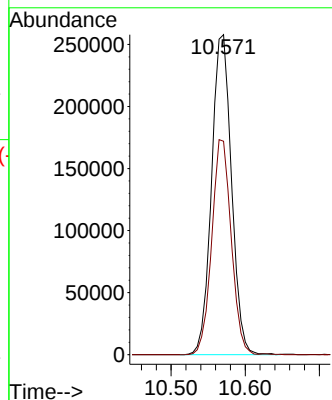
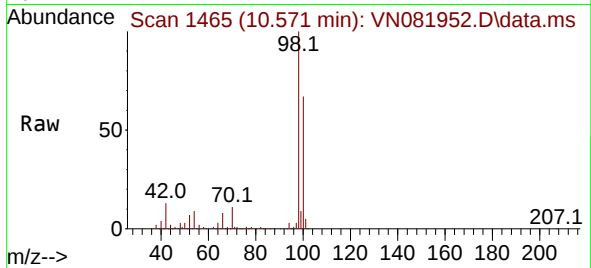




#50
Toluene-d8
Concen: 50.899 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

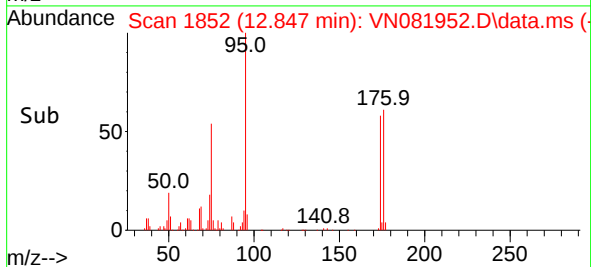
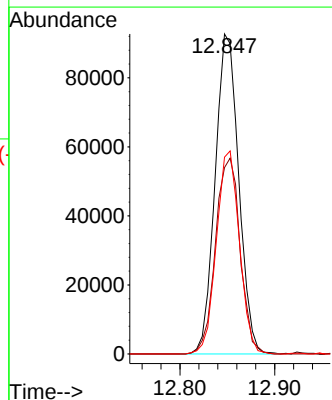
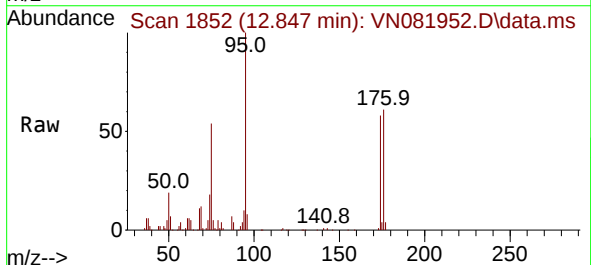
Instrument :
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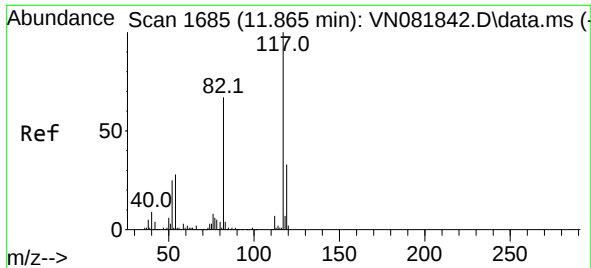
Tgt Ion: 98 Resp: 481720
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.900 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion: 95 Resp: 160501
Ion Ratio Lower Upper
95 100
174 63.7 0.0 160.6
176 62.0 0.0 152.8

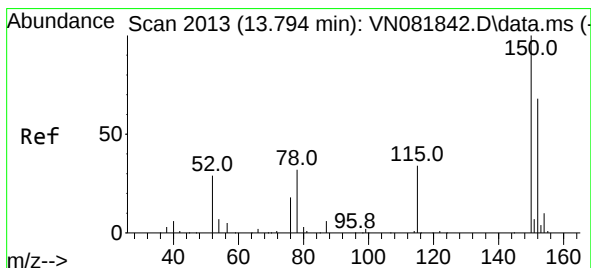
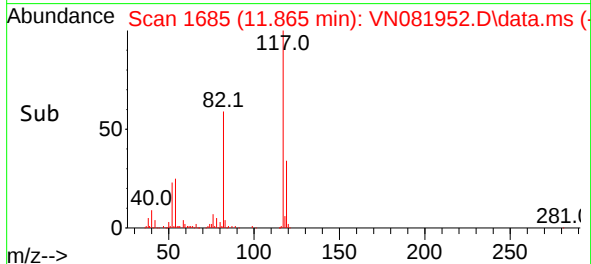
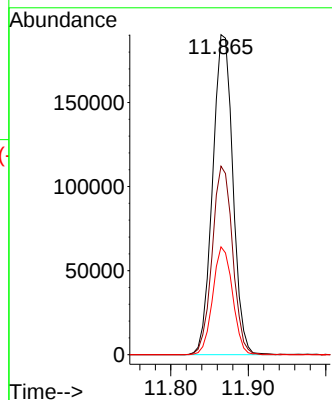
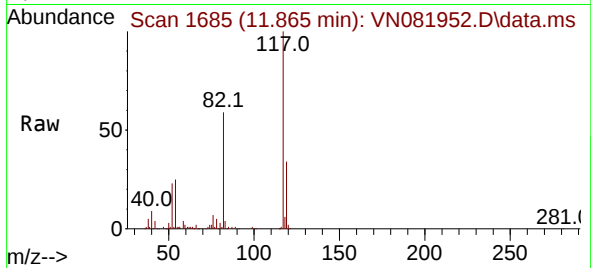




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081952.D
Acq: 01 May 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
EB-20240429

Tgt Ion:117 Resp: 345235
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 33.7 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: VN081952.D
Acq: 01 May 2024 13:26

Tgt Ion:152 Resp: 128744
Ion Ratio Lower Upper
152 100
115 65.6 30.4 91.3
150 162.8 0.0 353.2

