

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082224.D
 Acq On : 20 May 2024 21:00
 Operator : JC\MD
 Sample : P2537-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 448

Quant Time: May 21 03:55:13 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	174751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143945	52.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.340%
35) Dibromofluoromethane	8.171	113	101457	52.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.571	98	401785	53.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.847	95	140538	52.768	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.540%

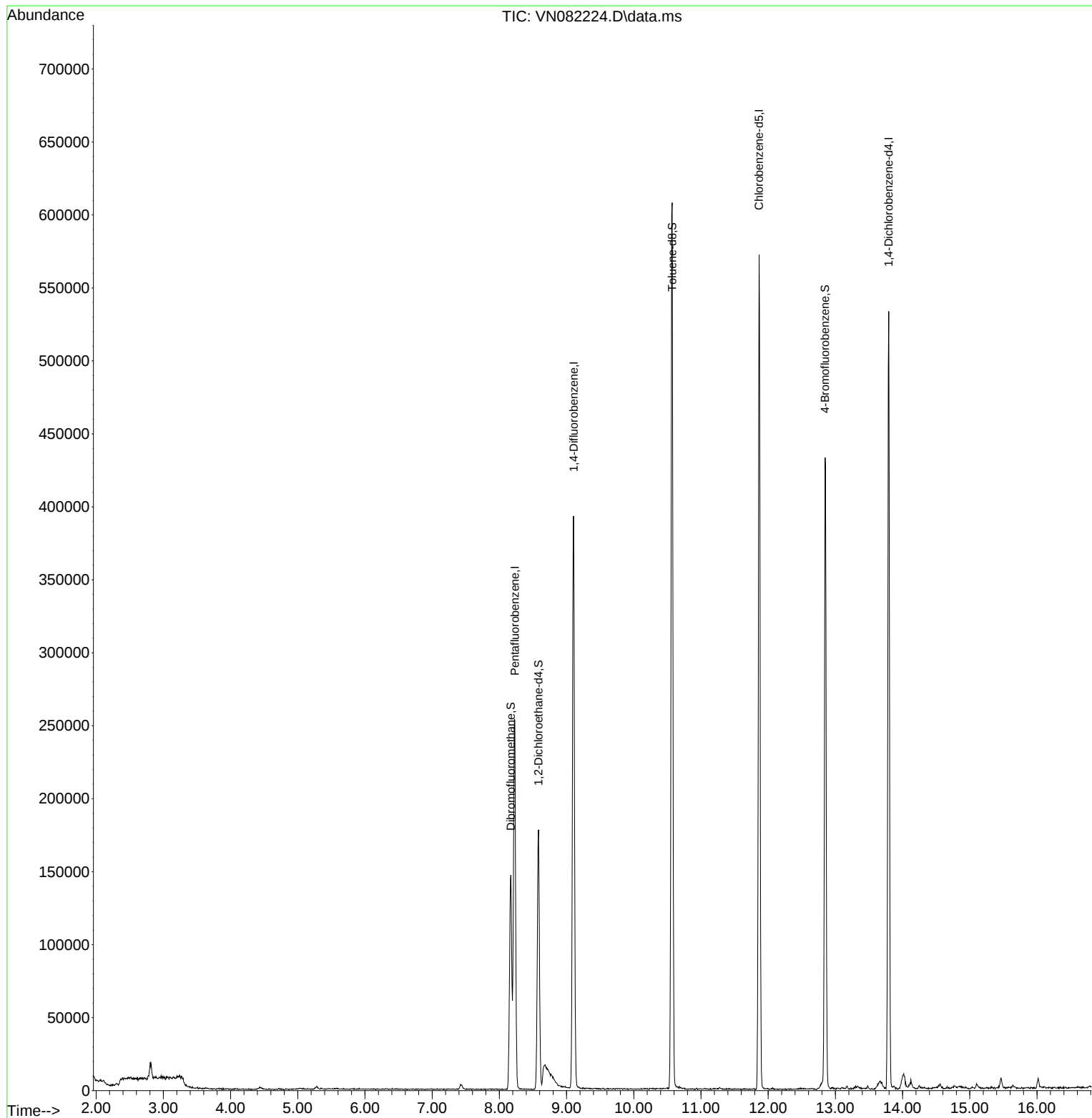
Target Compounds	Qvalue

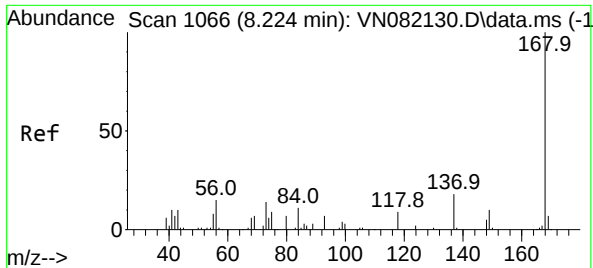
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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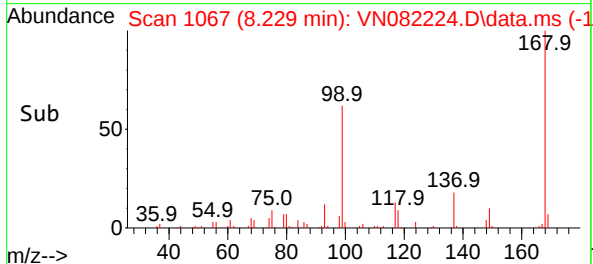
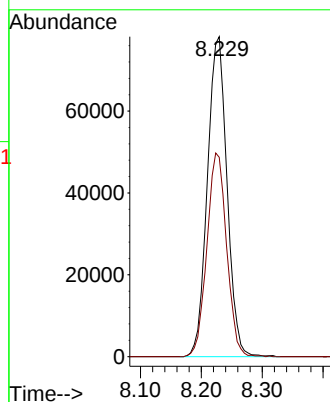
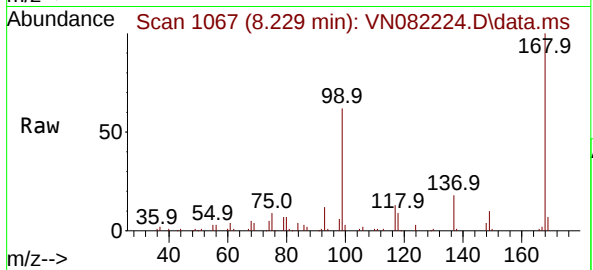




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

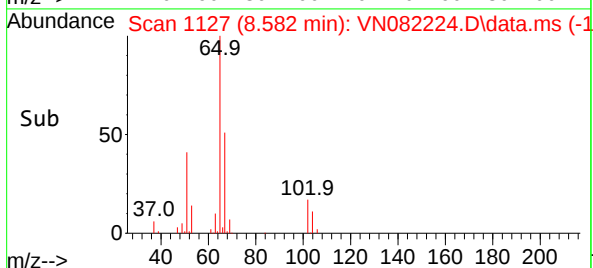
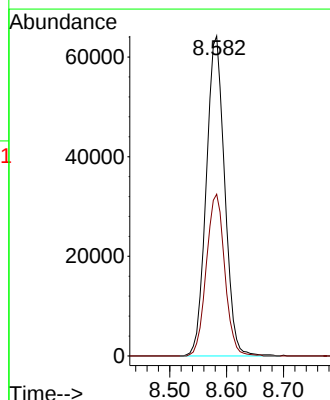
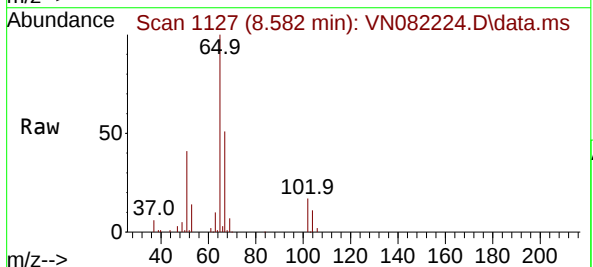
Instrument :
MSVOA_N
ClientSampleId :
448

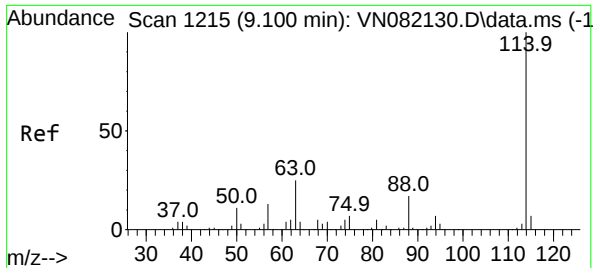
Tgt Ion:168 Resp: 174751
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.166 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 65 Resp: 143945
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

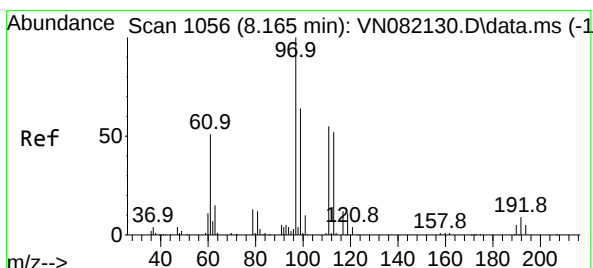
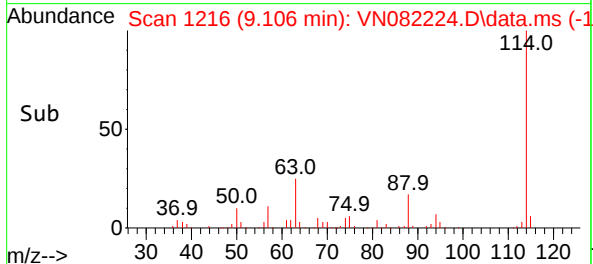
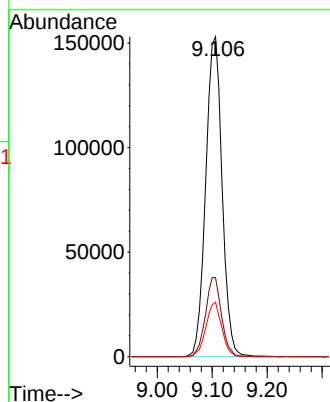
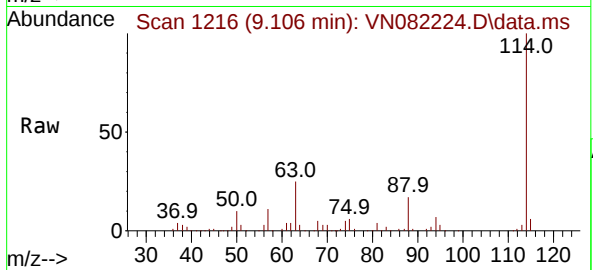




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

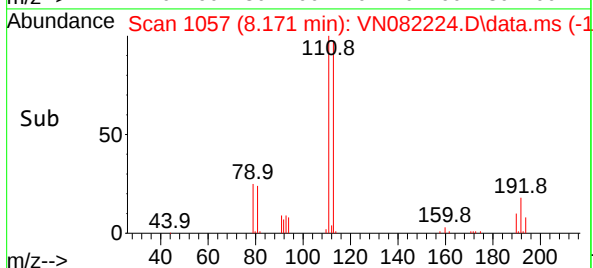
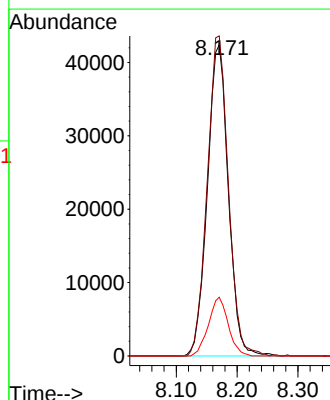
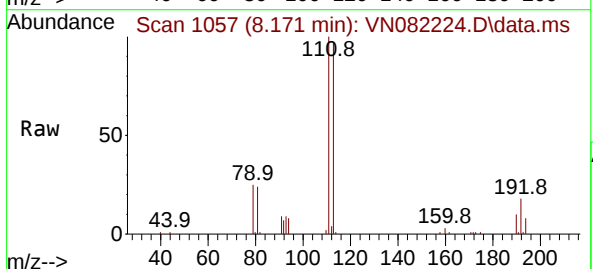
Instrument :
MSVOA_N
ClientSampleId :
448

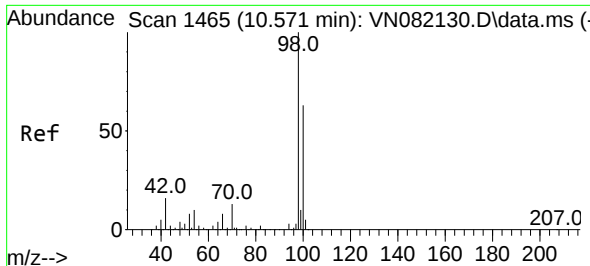
Tgt Ion:114 Resp: 316391
Ion Ratio Lower Upper
114 100
63 24.7 0.0 41.0
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion:113 Resp: 101457
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 17.8 14.0 21.0

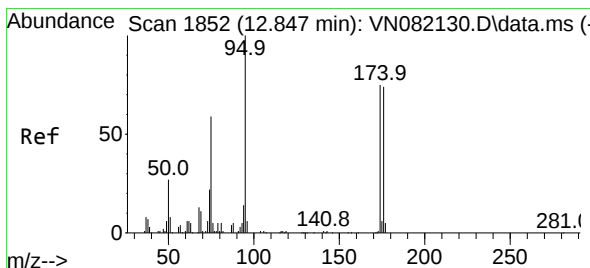
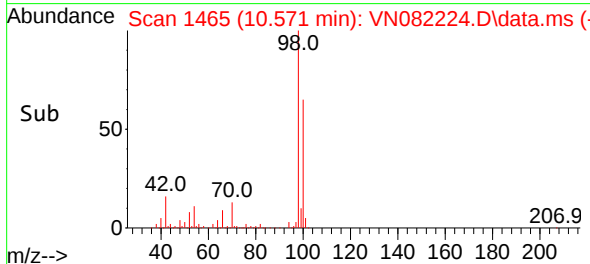
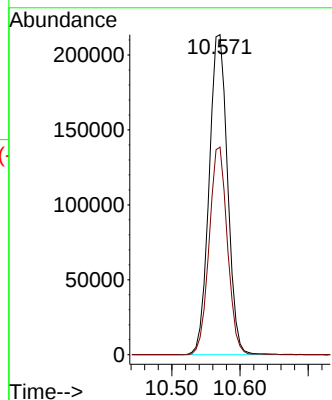
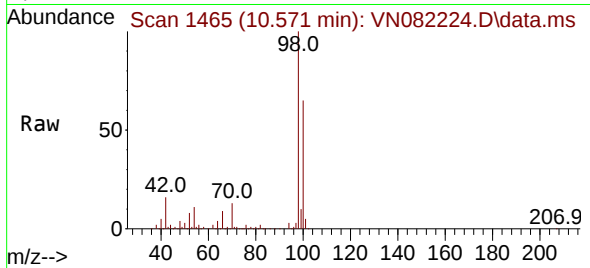




#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

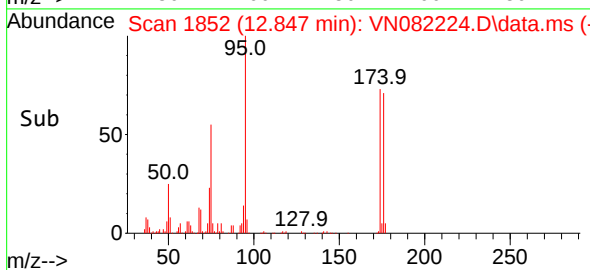
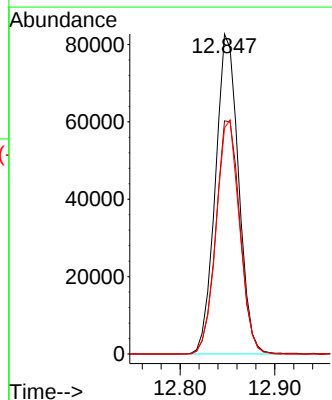
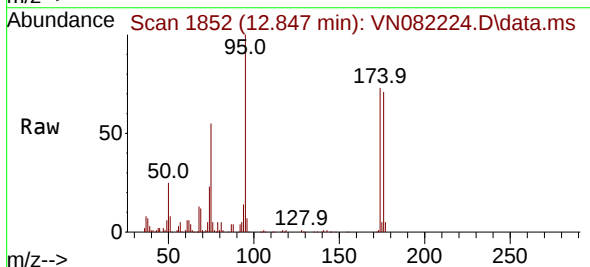
Instrument :
MSVOA_N
ClientSampleId :
448

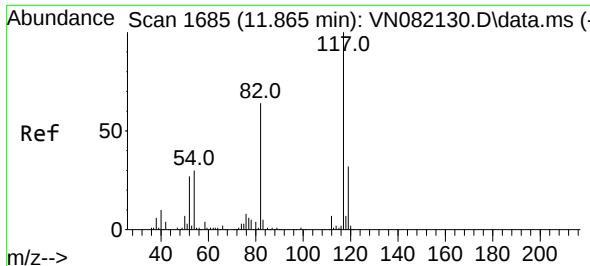
Tgt Ion: 98 Resp: 401785
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 95 Resp: 140538
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 73.8 0.0 152.8

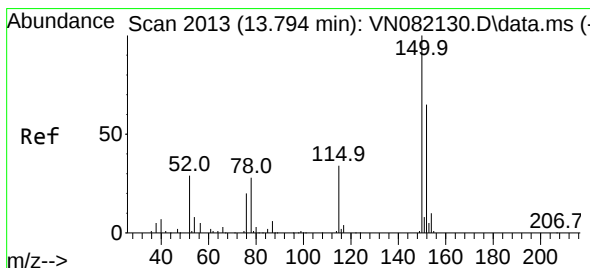
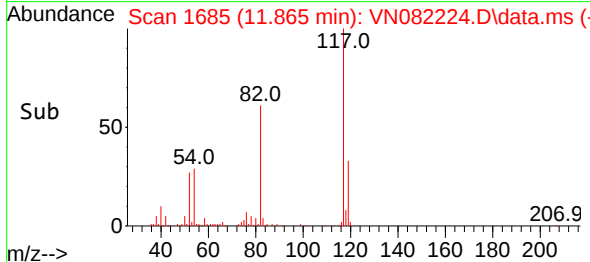
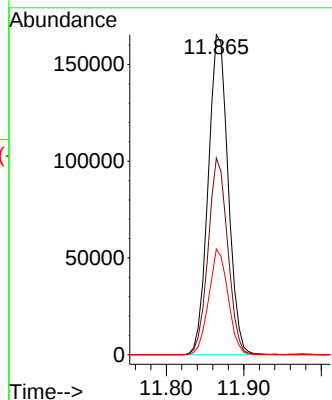
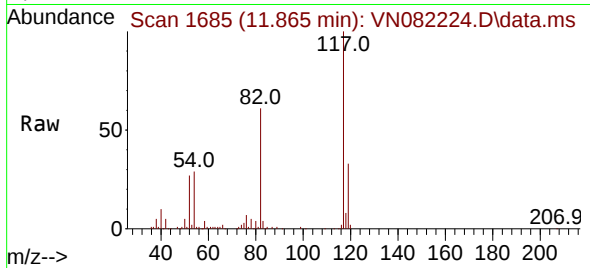




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Instrument :
MSVOA_N
ClientSampleId :
448

Tgt Ion:117 Resp: 294929
Ion Ratio Lower Upper
117 100
82 61.5 44.6 66.8
119 33.0 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: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion:152 Resp: 133053
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 155.8 0.0 353.2

