

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082358.D
 Acq On : 28 May 2024 19:45
 Operator : JC\MD
 Sample : P2609-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 509

Quant Time: May 29 06:58:58 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	8.224	168	204954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	160899	49.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.171	113	116717	53.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	10.570	98	445845	53.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.853	95	157108	53.002	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.000%

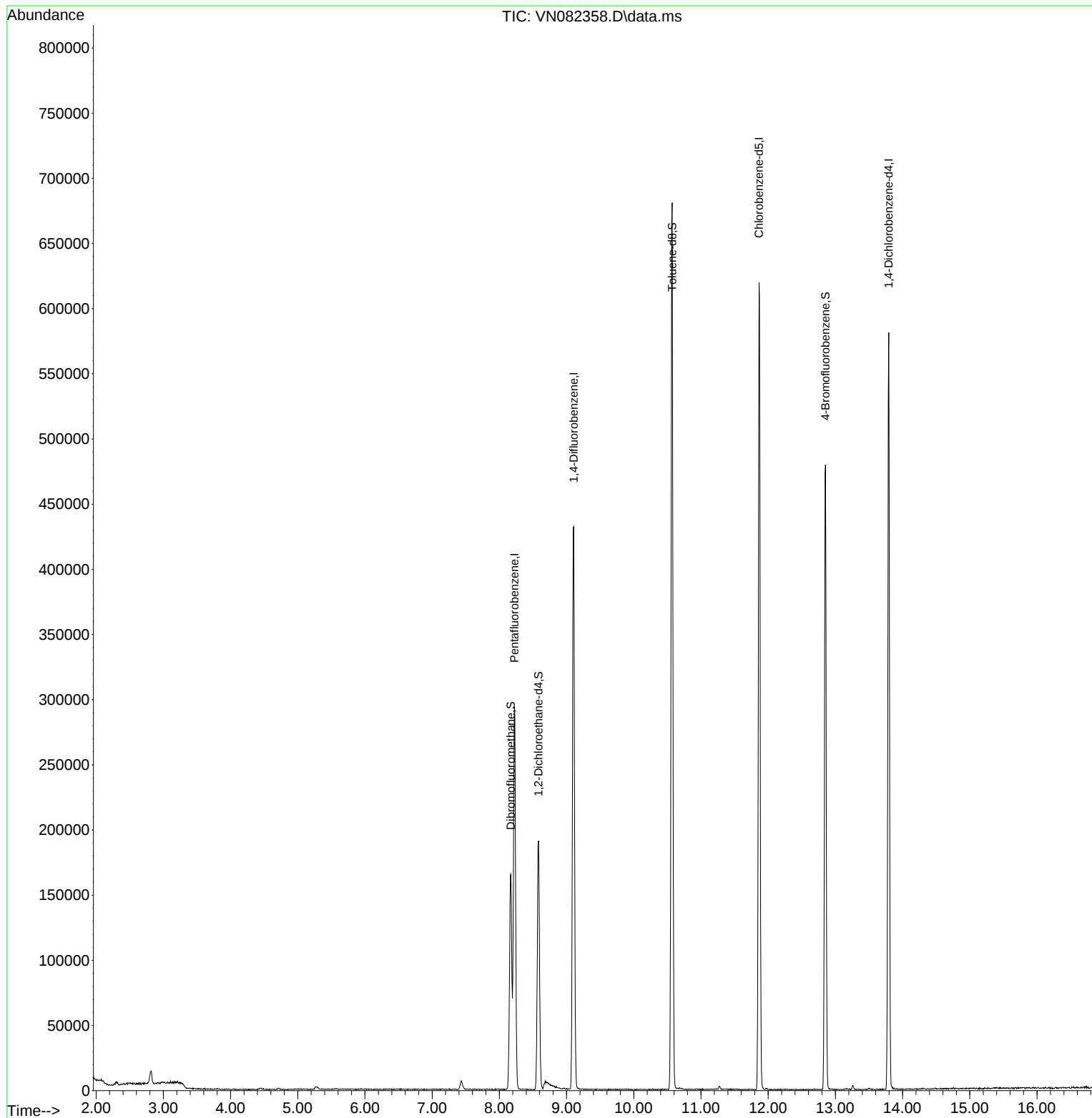
Target Compounds	Qvalue

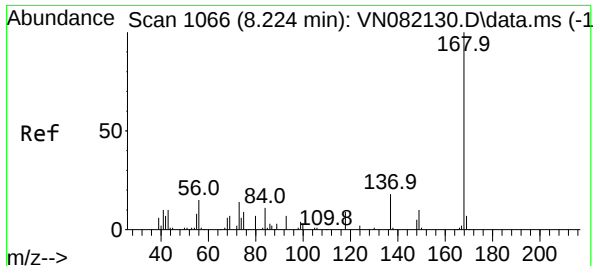
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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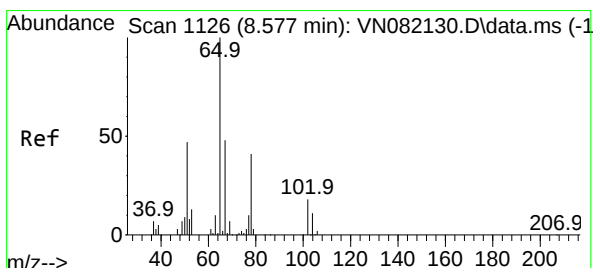
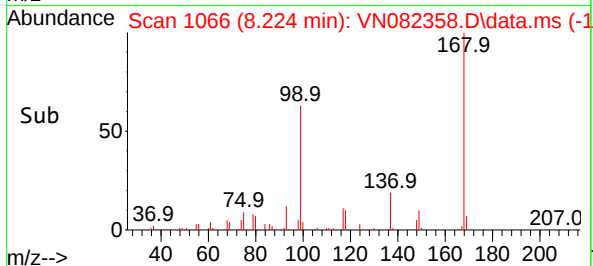
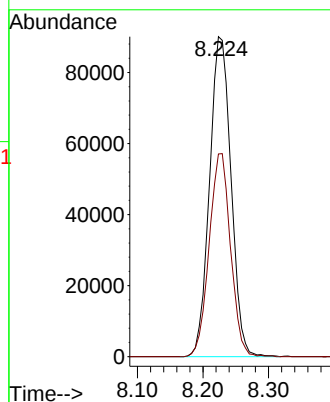
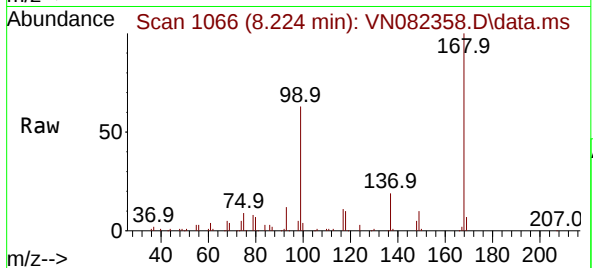




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

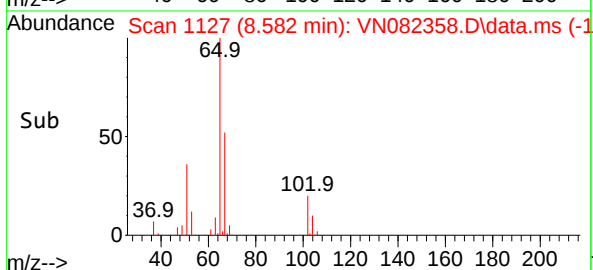
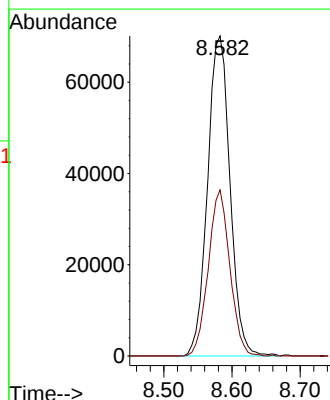
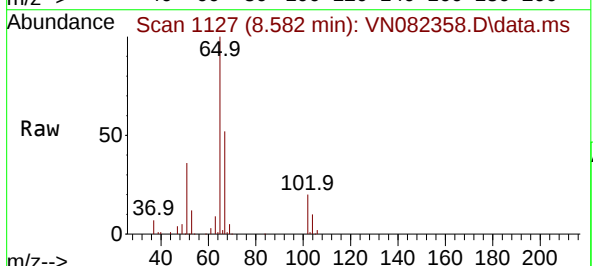
Instrument :
MSVOA_N
ClientSampleId :
509

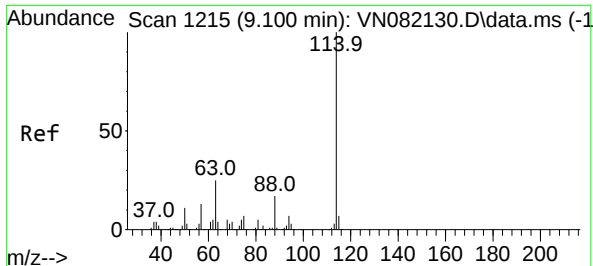
Tgt Ion:168 Resp: 204954
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.717 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion: 65 Resp: 160899
Ion Ratio Lower Upper
65 100
67 49.7 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: VN082358.D

Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

509

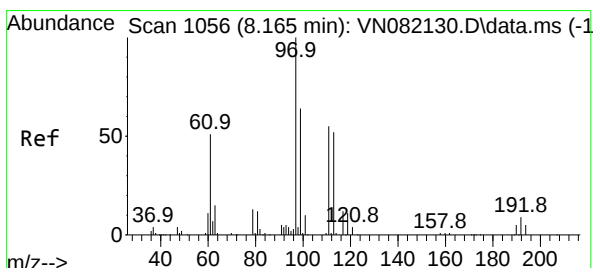
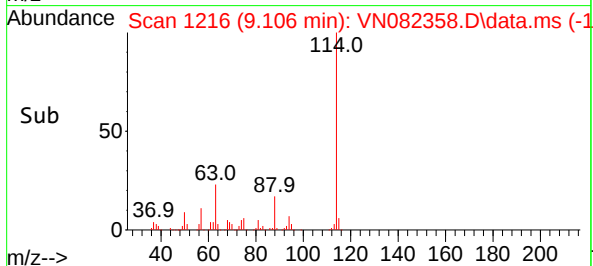
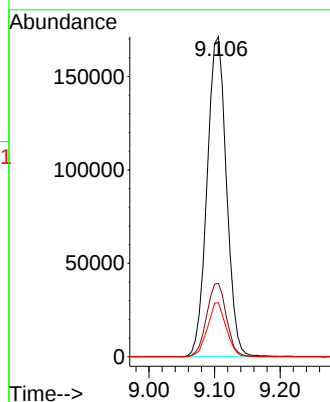
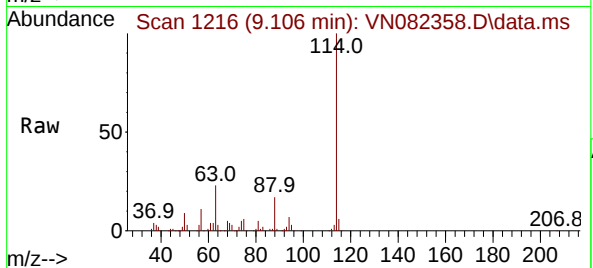
Tgt Ion:114 Resp: 352131

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.882 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

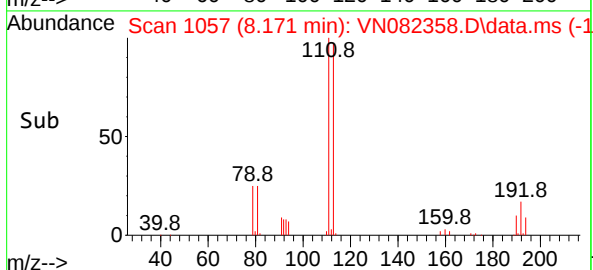
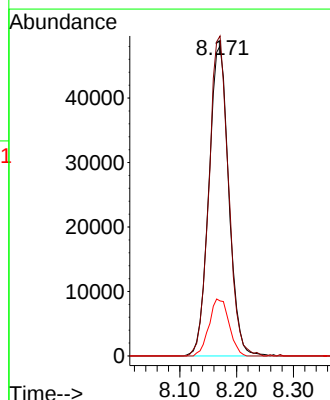
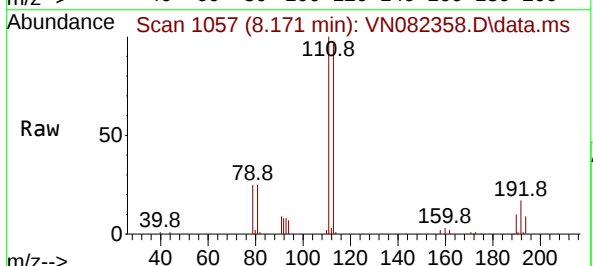
Tgt Ion:113 Resp: 116717

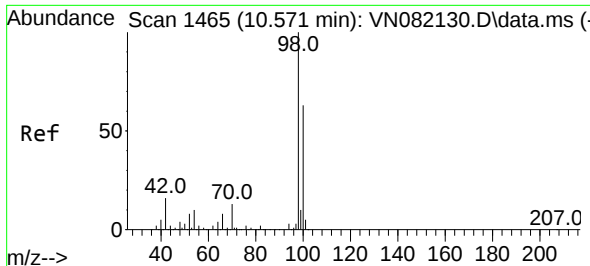
Ion Ratio Lower Upper

113 100

111 100.7 83.4 125.2

192 18.4 14.0 21.0

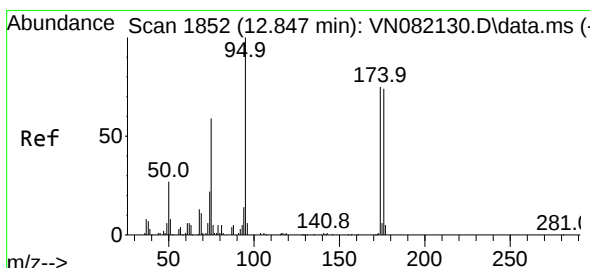
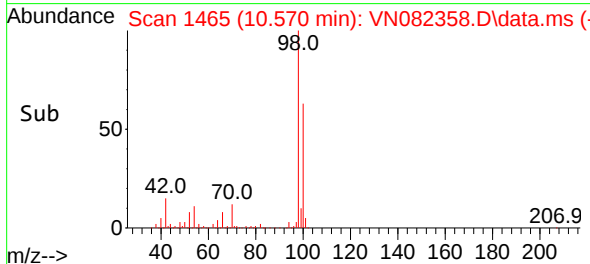
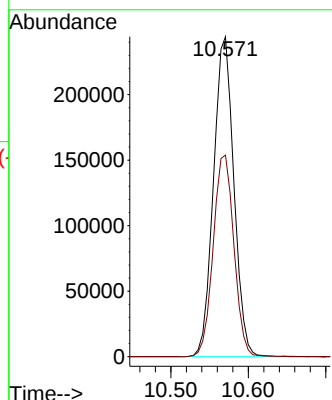
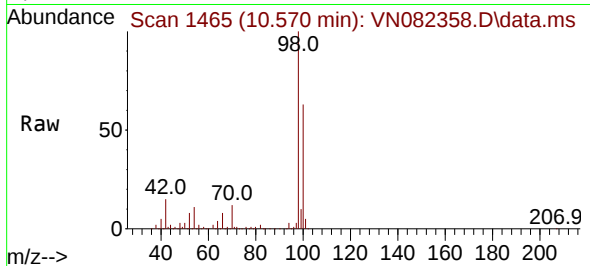




#50
Toluene-d8
Concen: 53.685 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

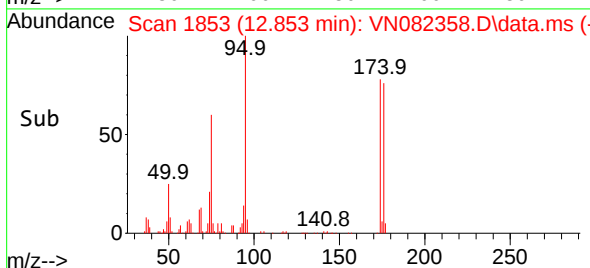
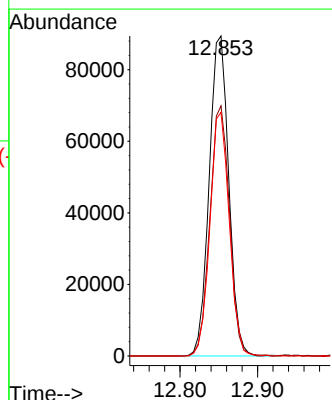
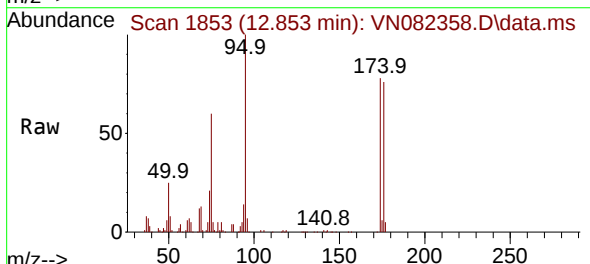
Instrument :
MSVOA_N
ClientSampleId :
509

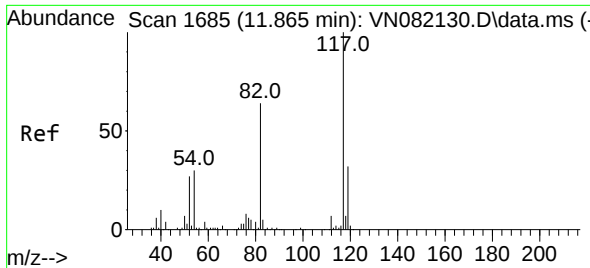
Tgt Ion: 98 Resp: 445845
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.002 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion: 95 Resp: 157108
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 74.8 0.0 152.8

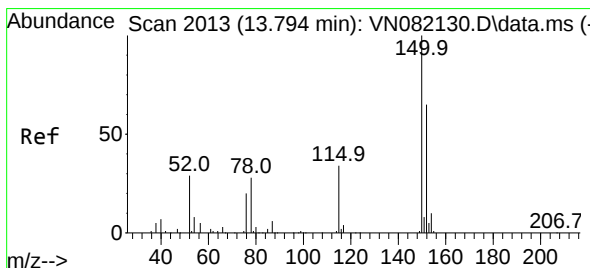
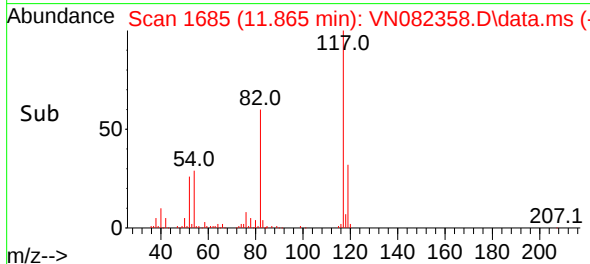
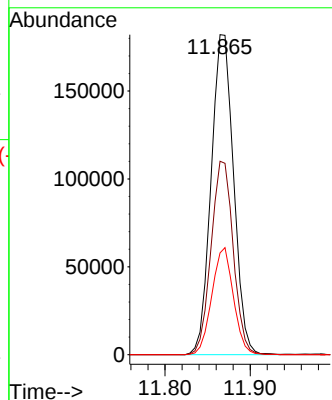
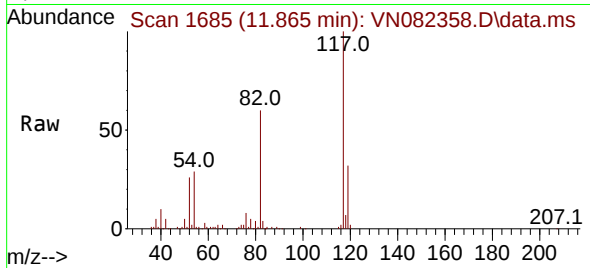




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
509

Tgt Ion:117 Resp: 333774
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 31.8 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: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion:152 Resp: 145469
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.3
150 156.1 0.0 353.2

