

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082373.D
 Acq On : 29 May 2024 16:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 30 05:45:22 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	189712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	153967	51.398	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.800%
35) Dibromofluoromethane	8.165	113	107844	52.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.570	98	427080	53.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.847	95	149149	52.830	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.660%

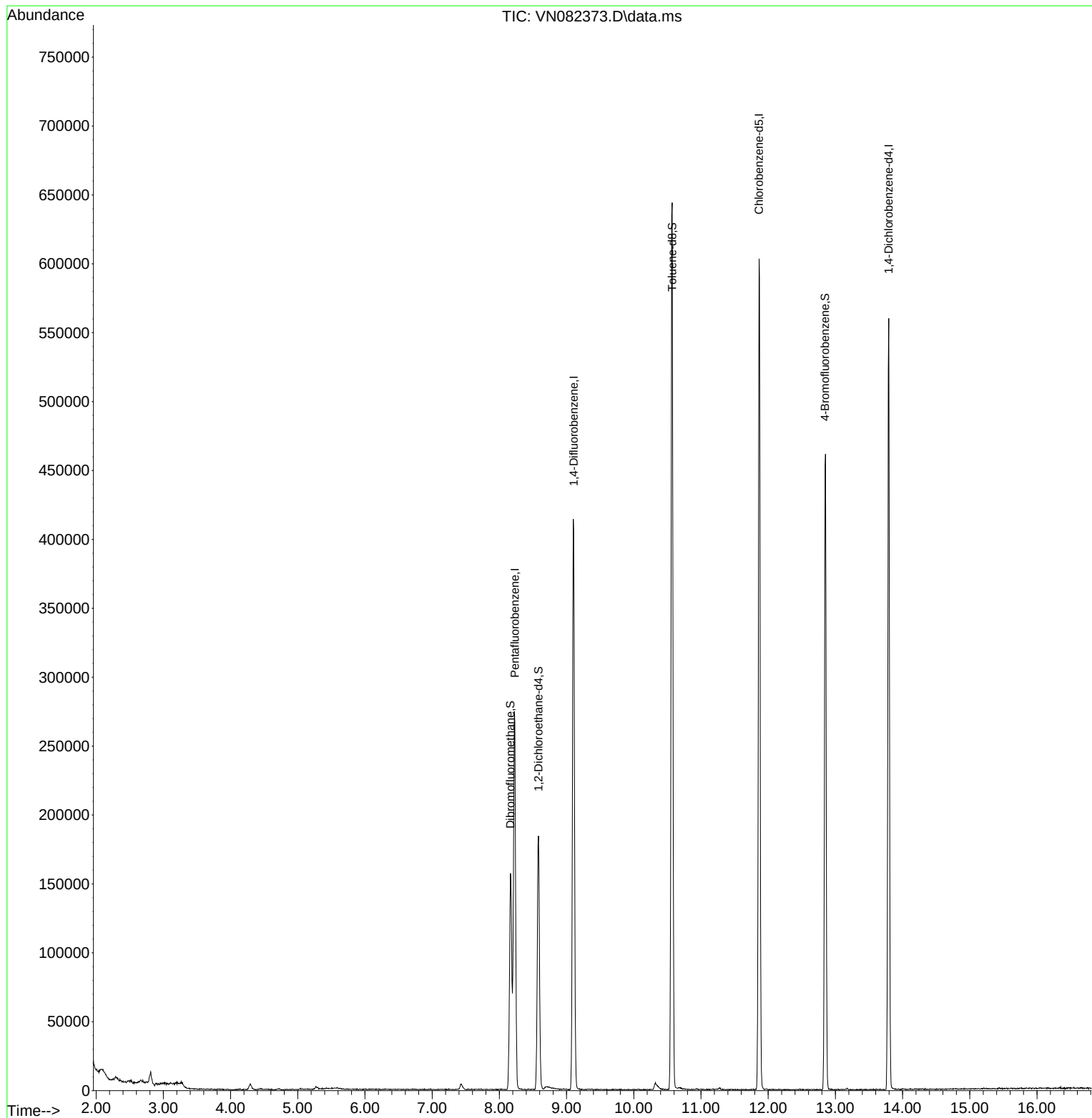
Target Compounds	Qvalue

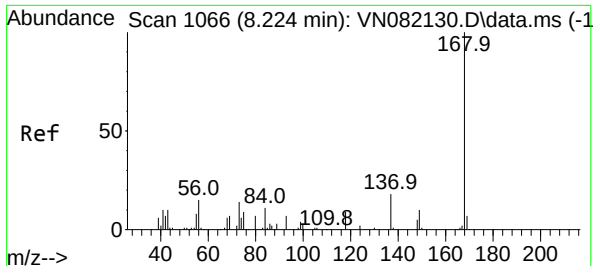
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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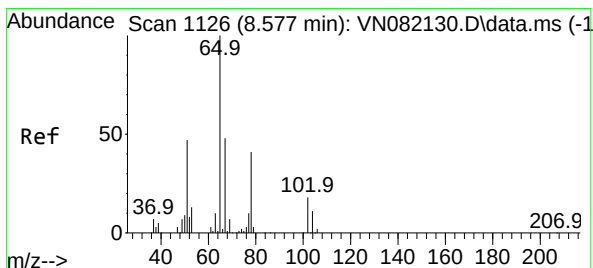
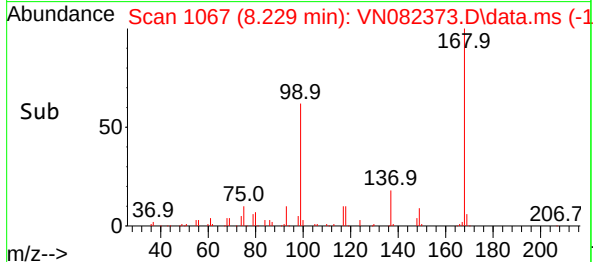
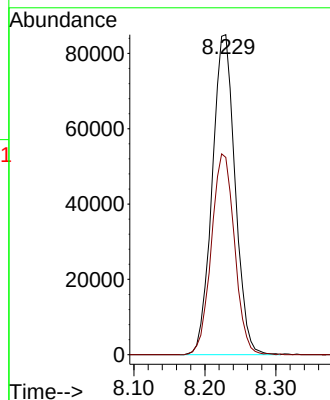
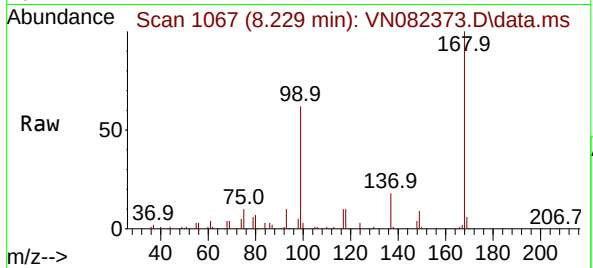




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

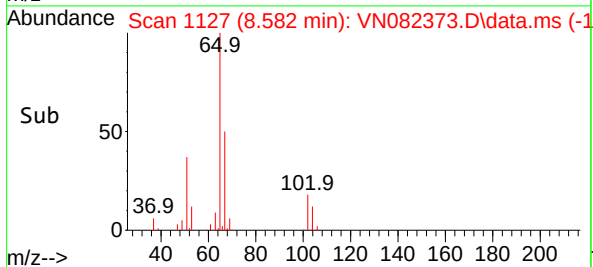
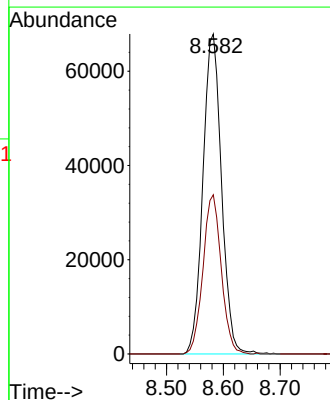
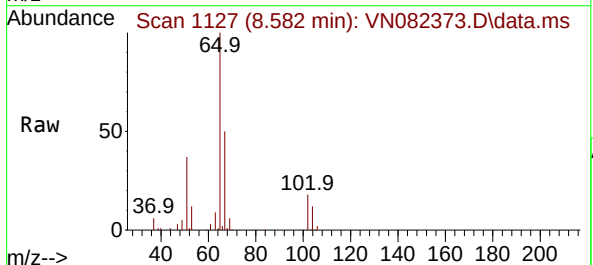
Instrument :
MSVOA_N
ClientSampleId :
IBLK

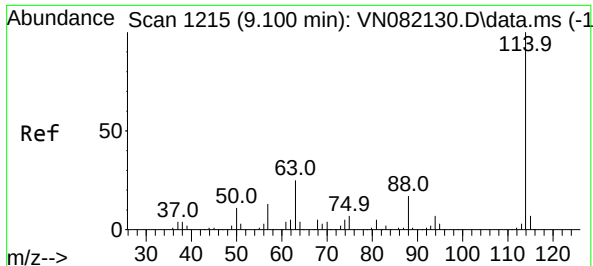
Tgt Ion:168 Resp: 189712
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.398 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion: 65 Resp: 153967
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082373.D

Acq: 29 May 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

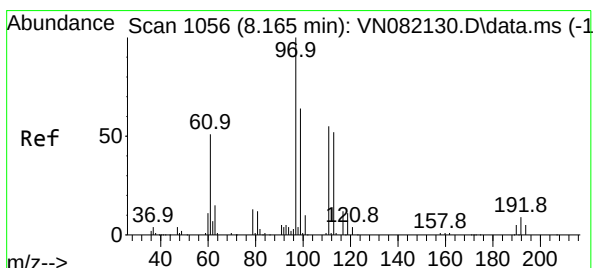
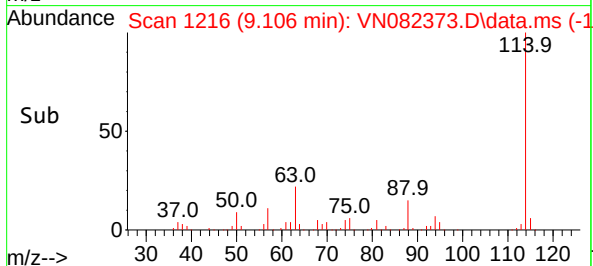
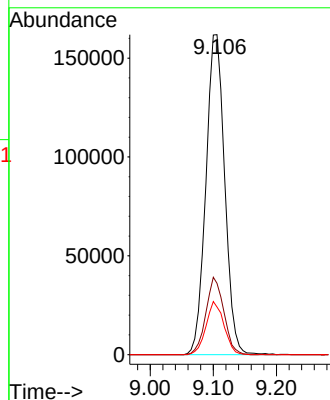
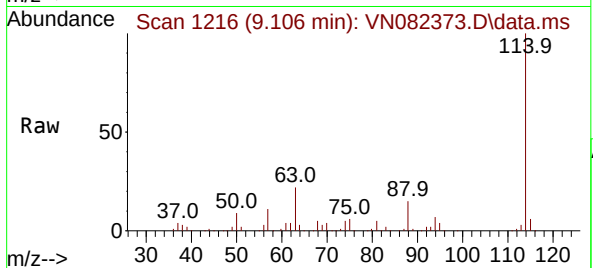
Tgt Ion:114 Resp: 335377

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082373.D

Acq: 29 May 2024 16:16

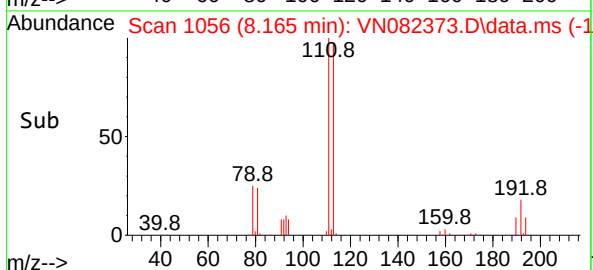
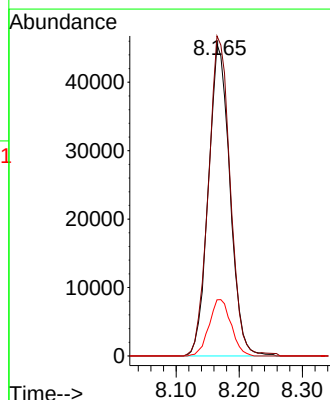
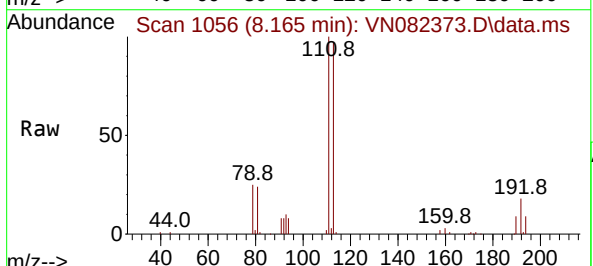
Tgt Ion:113 Resp: 107844

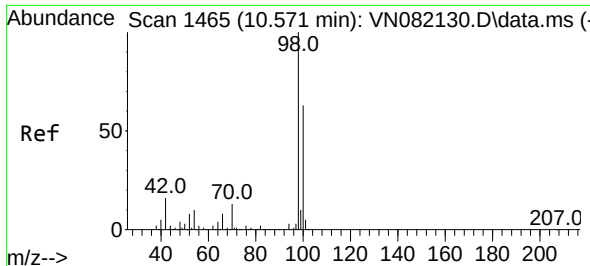
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 18.5 14.0 21.0

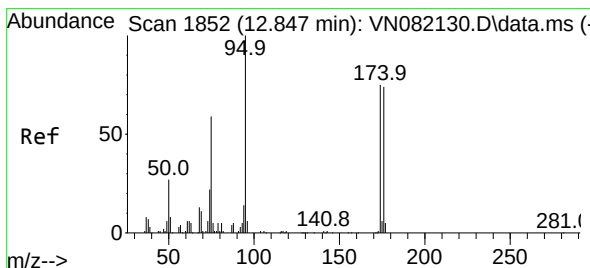
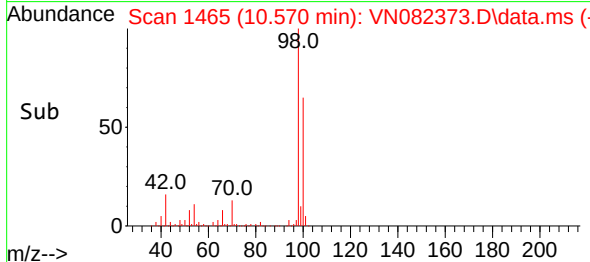
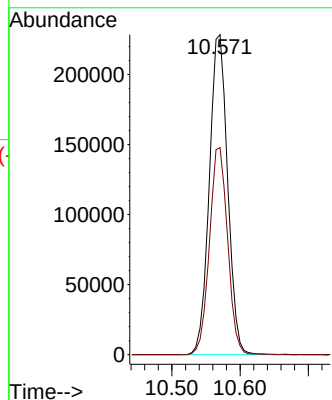
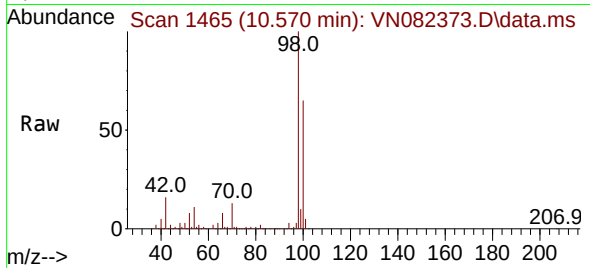




#50
Toluene-d8
Concen: 53.994 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

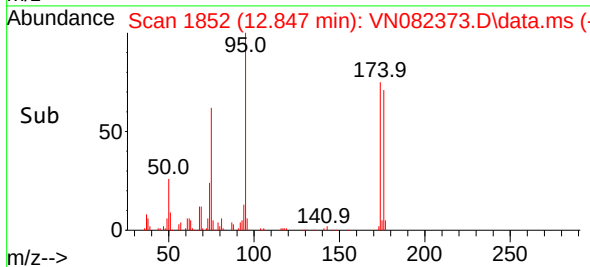
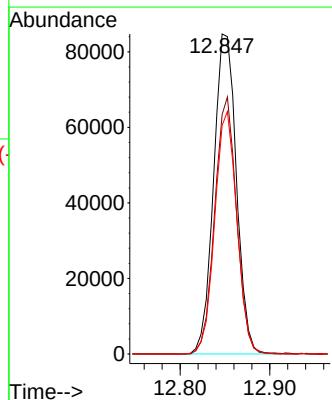
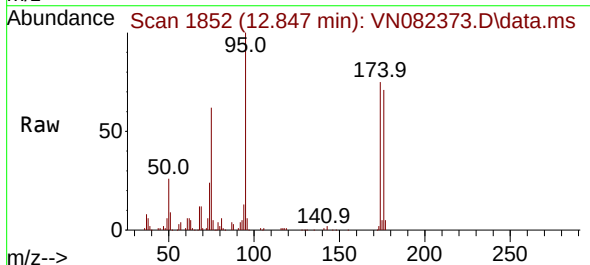
Instrument :
MSVOA_N
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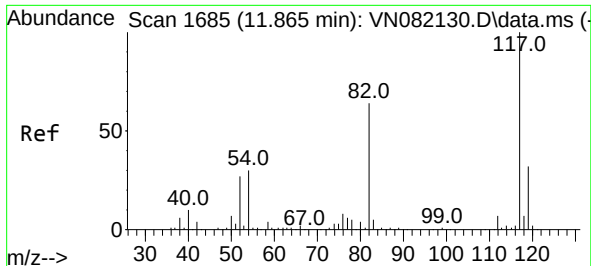
Tgt Ion: 98 Resp: 427080
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion: 95 Resp: 149149
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 73.6 0.0 152.8

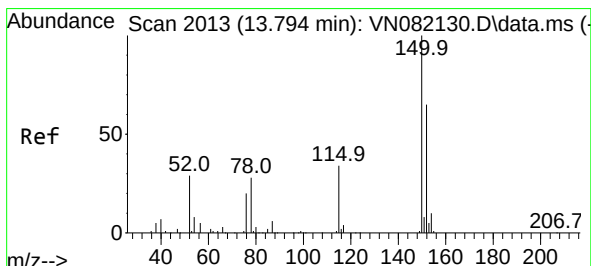
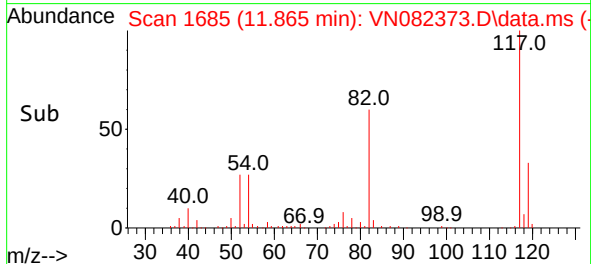
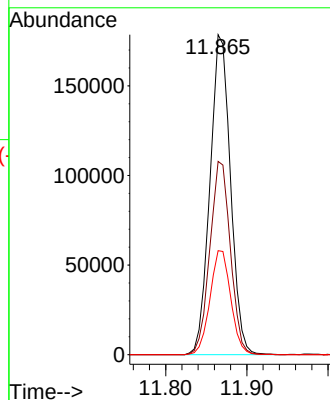
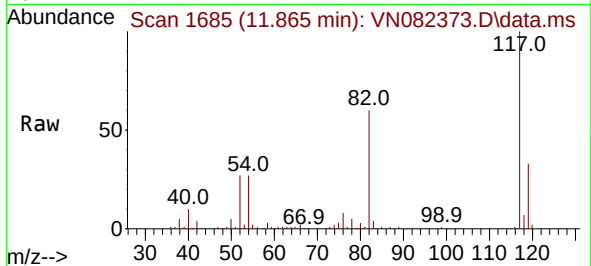




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082373.D
Acq: 29 May 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 313348
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 32.5 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: VN082373.D
Acq: 29 May 2024 16:16

Tgt Ion:152 Resp: 138166
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 156.2 0.0 353.2

