

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082456.D
 Acq On : 04 Jun 2024 13:26
 Operator : JC\MD
 Sample : P2707-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jun 05 03:20:19 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	152385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	261879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130962	54.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	8.171	113	95505	56.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.200%
50) Toluene-d8	10.571	98	355099	54.410	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.853	95	113012	48.515	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.040%

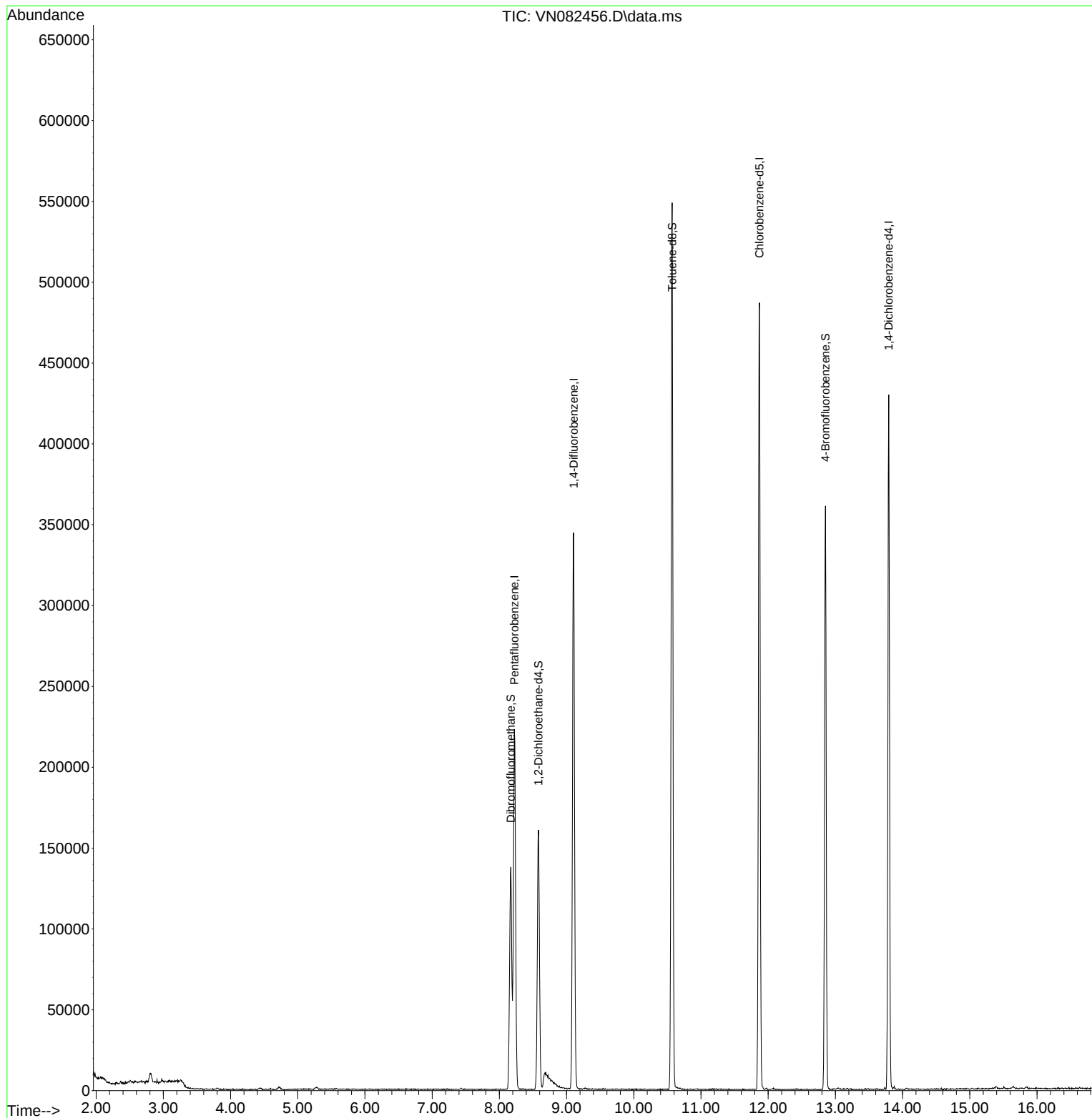
Target Compounds	Qvalue

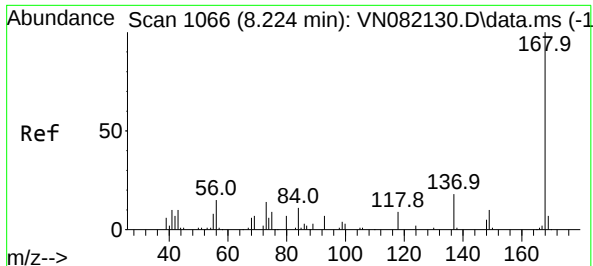
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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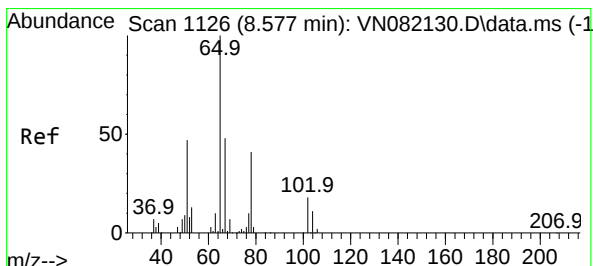
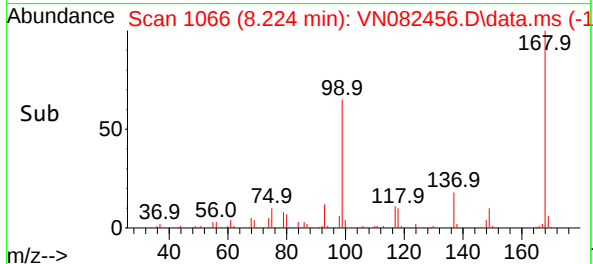
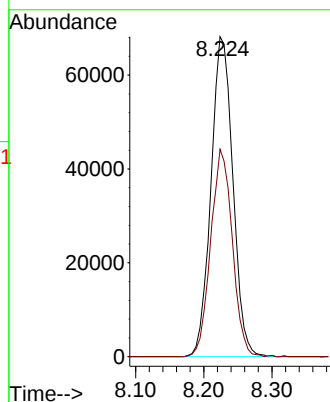
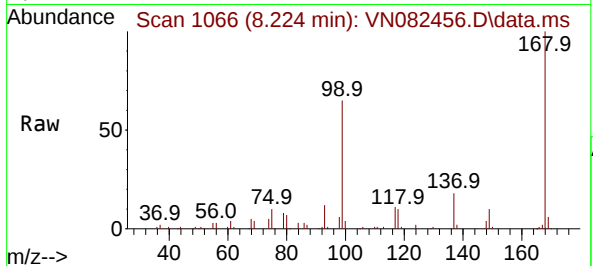




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

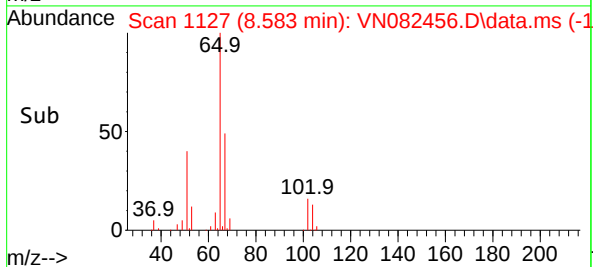
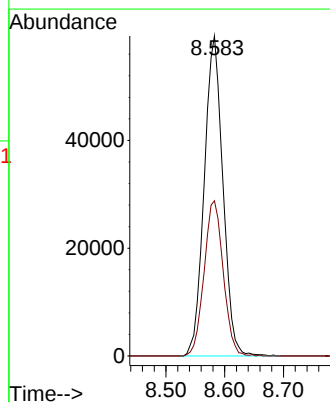
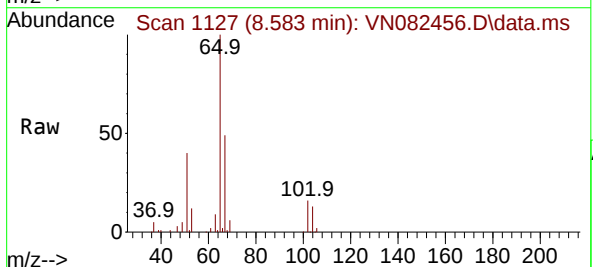
Instrument :
MSVOA_N
ClientSampleId :
TB

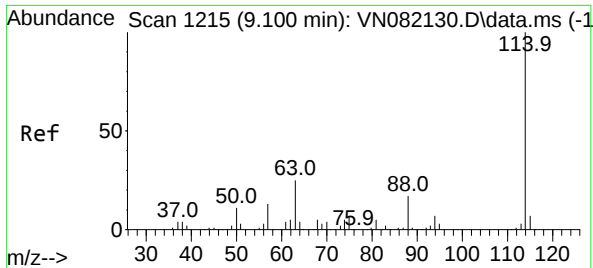
Tgt Ion:168 Resp: 152385
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.427 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion: 65 Resp: 130962
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

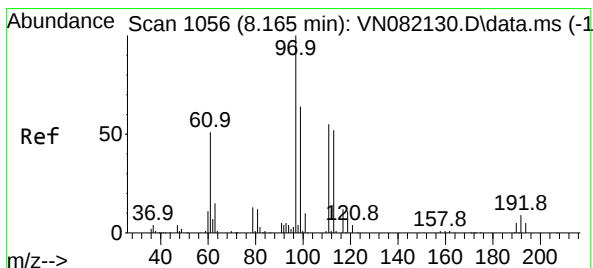
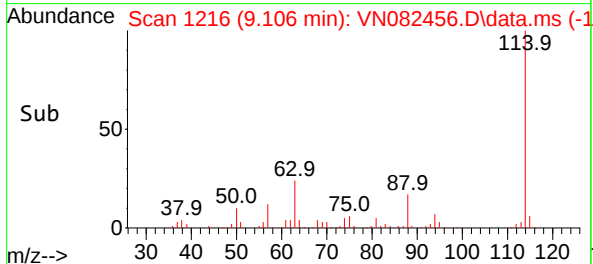
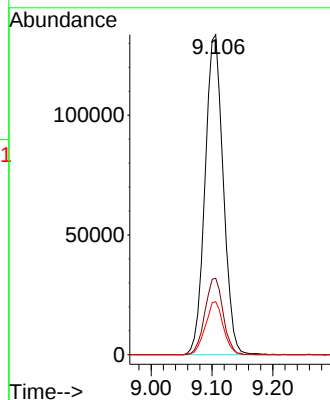
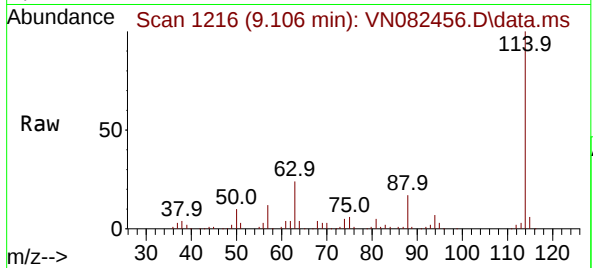




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

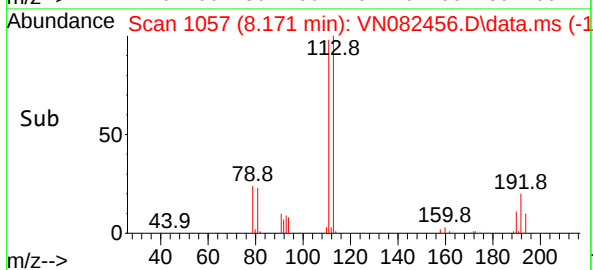
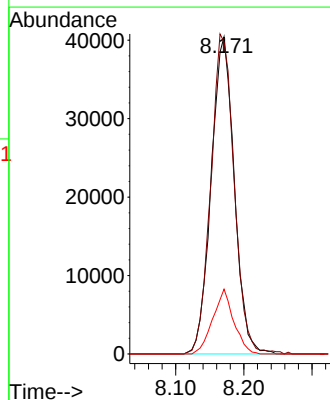
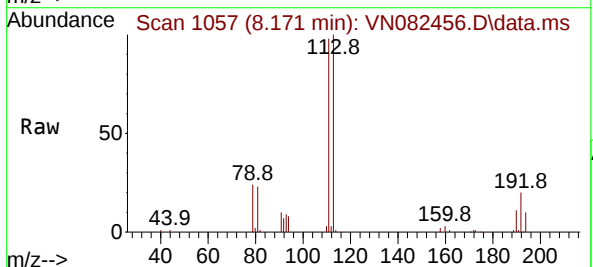
Instrument :
MSVOA_N
ClientSampleId :
TB

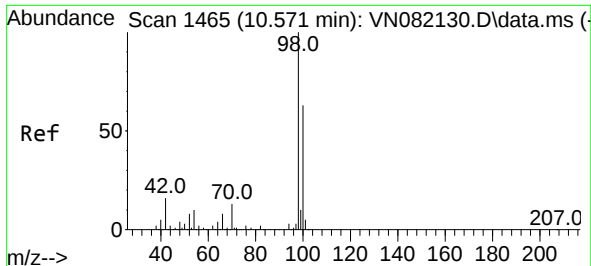
Tgt Ion:114 Resp: 276721
Ion Ratio Lower Upper
114 100
63 23.9 0.0 41.0
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.105 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion:113 Resp: 95505
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 18.5 14.0 21.0

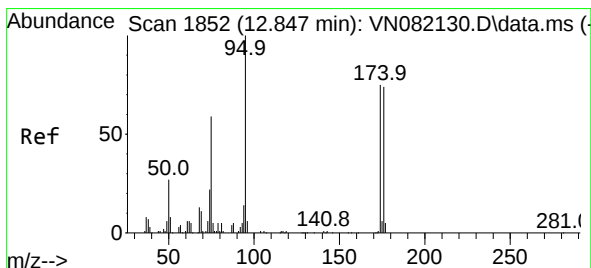
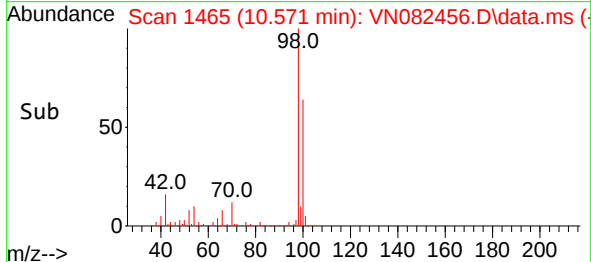
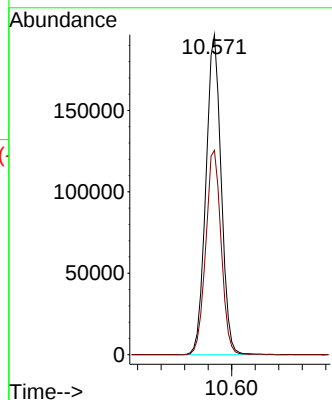
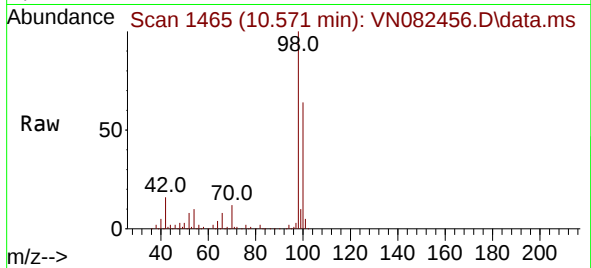




#50
Toluene-d8
Concen: 54.410 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

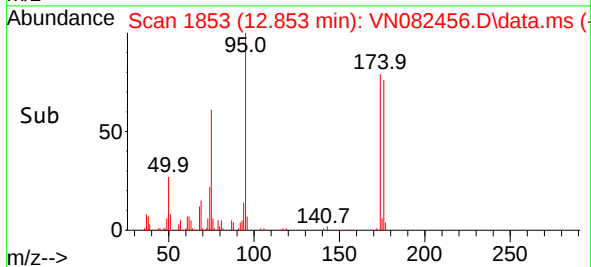
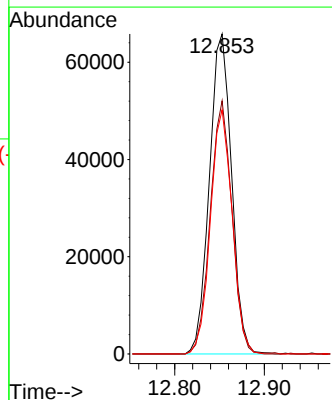
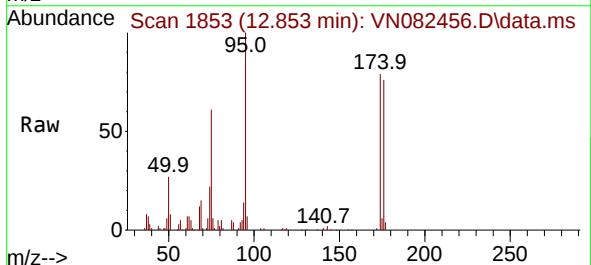
Instrument :
MSVOA_N
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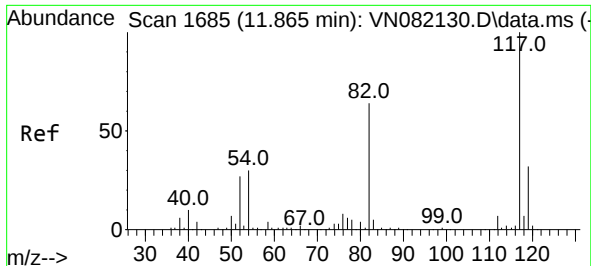
Tgt Ion: 98 Resp: 355099
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.515 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion: 95 Resp: 113012
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 74.9 0.0 152.8

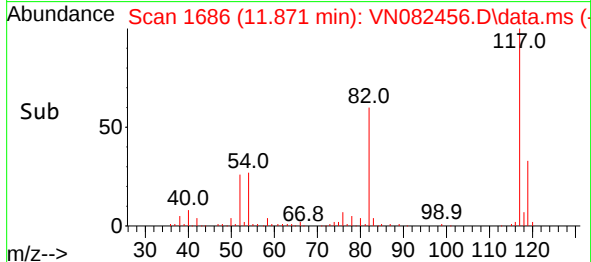
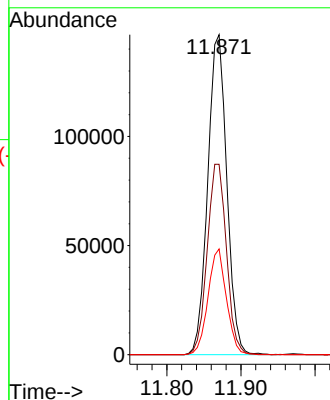
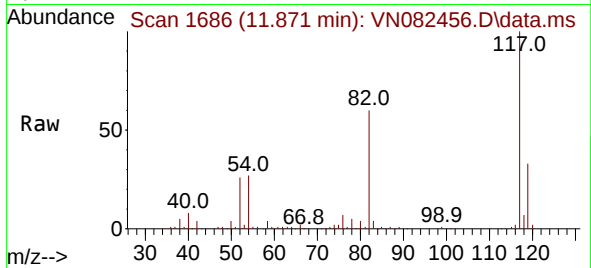




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082456.D
Acq: 04 Jun 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 261879
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 33.1 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: VN082456.D
Acq: 04 Jun 2024 13:26

Tgt Ion:152 Resp: 104544
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 159.2 0.0 353.2

