

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082045.D
 Acq On : 09 May 2024 12:58
 Operator : JC\MD
 Sample : P2428-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-050824

Quant Time: May 10 03:50:09 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	124730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	233783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110046	52.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.560%	
35) Dibromofluoromethane	8.165	113	80316	50.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	10.571	98	337014	54.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.847	95	108265	44.171	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 88.340%	

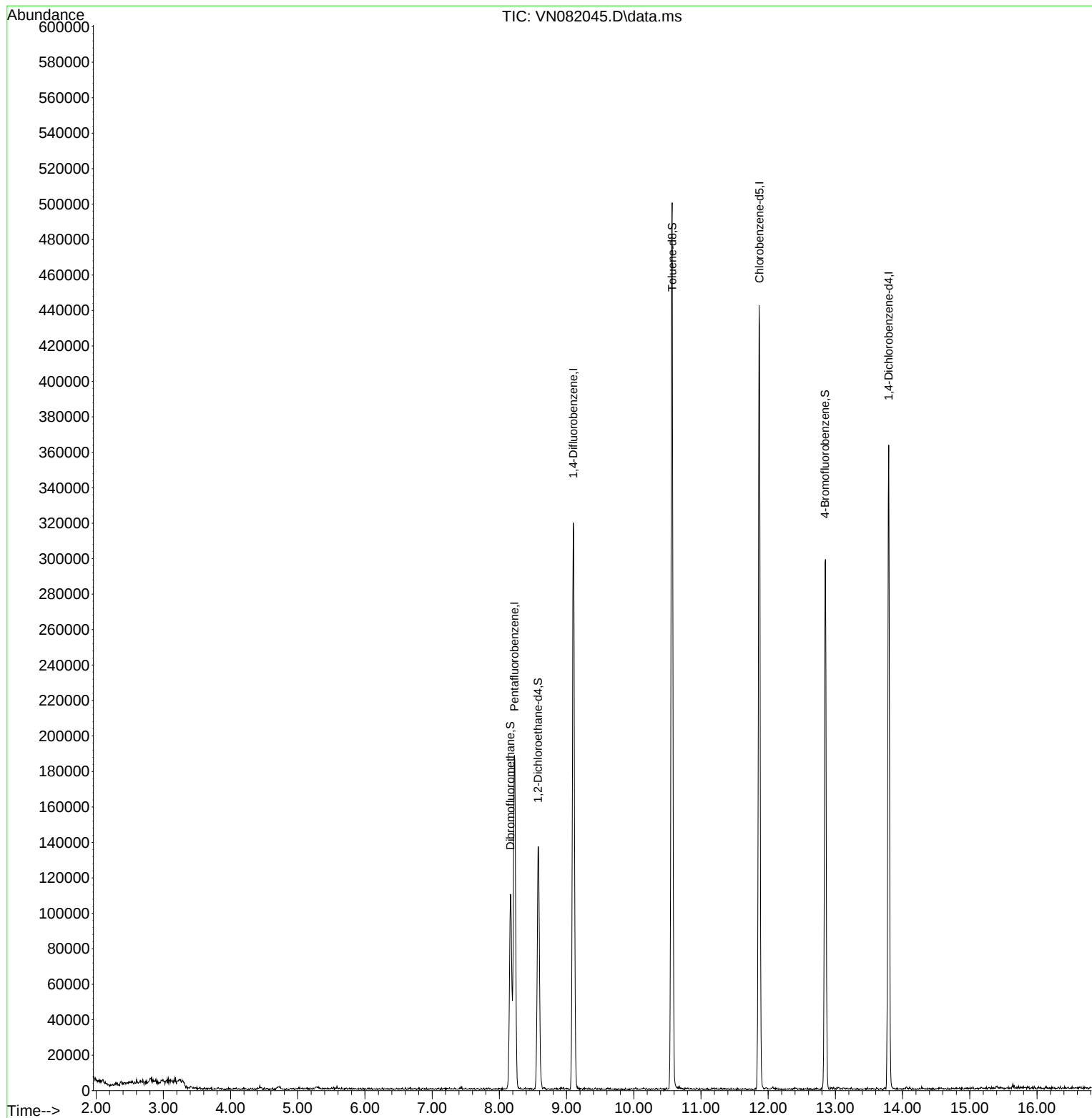
Target Compounds	Qvalue

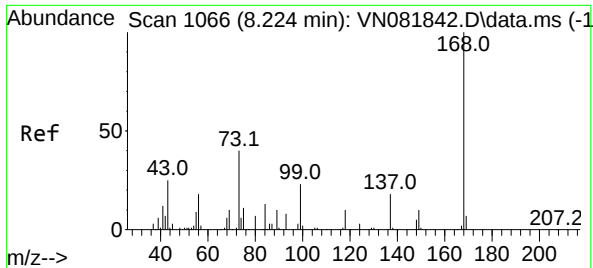
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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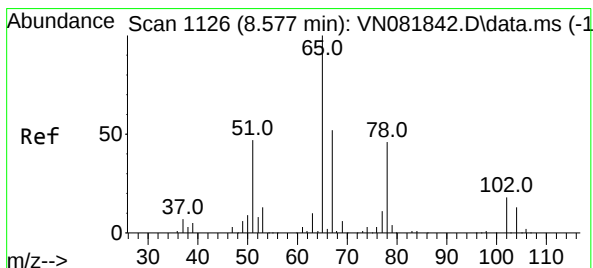
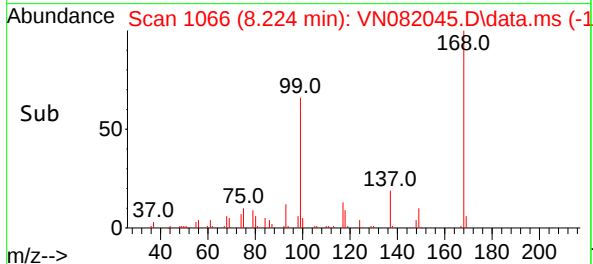
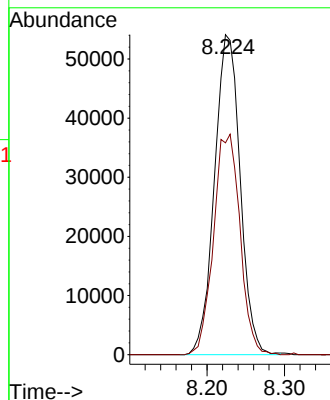
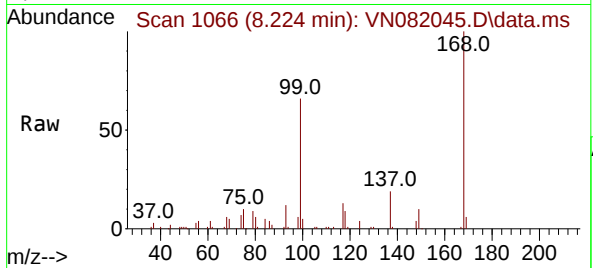




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

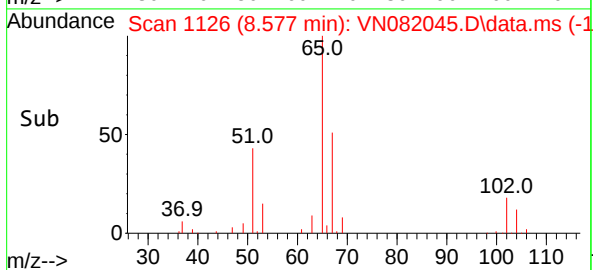
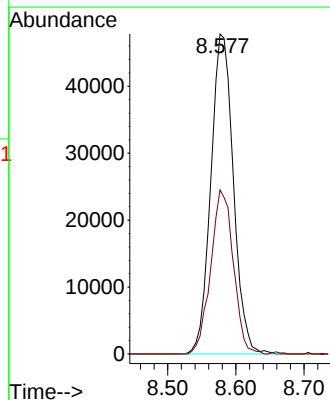
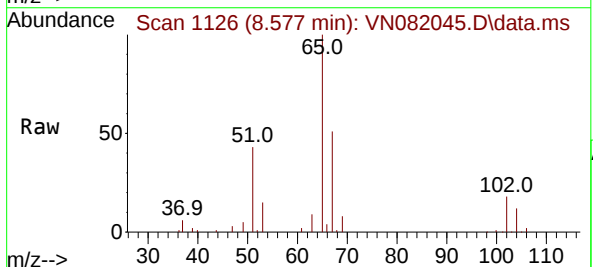
Instrument :
MSVOA_N
ClientSampleId :
TB-01-050824

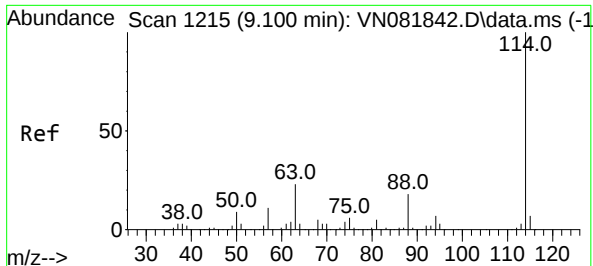
Tgt Ion:168 Resp: 124730
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.276 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

Tgt Ion: 65 Resp: 110046
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

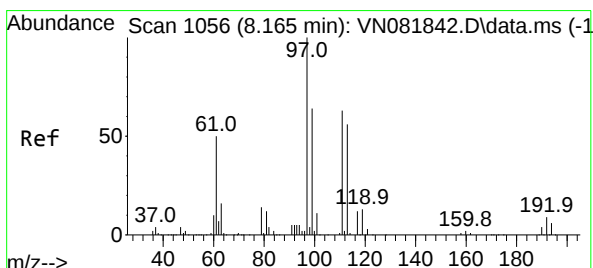
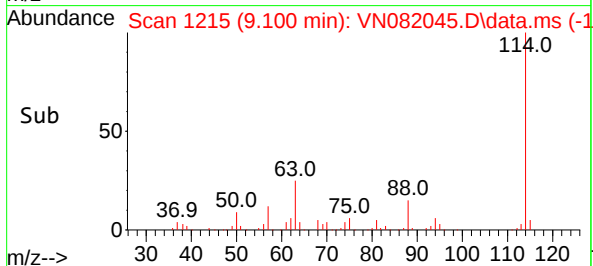
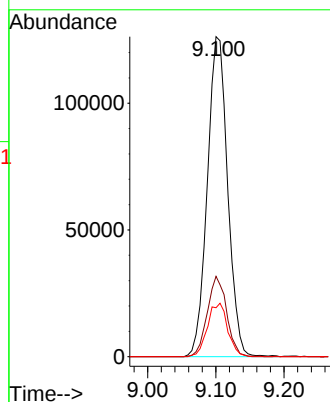
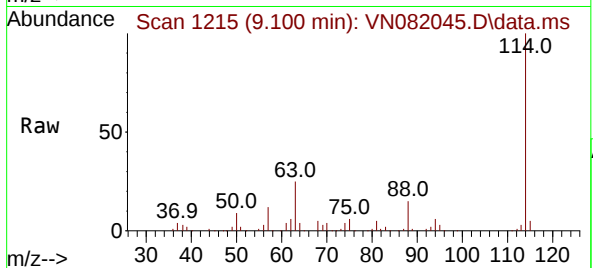




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

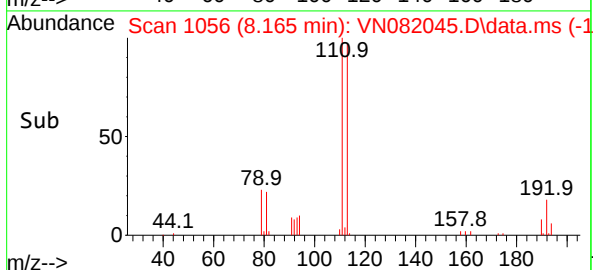
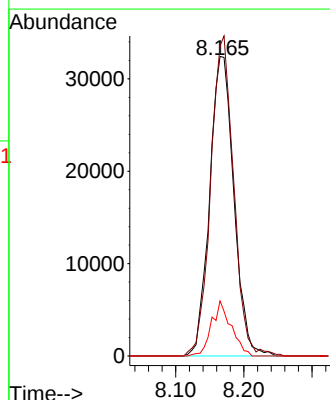
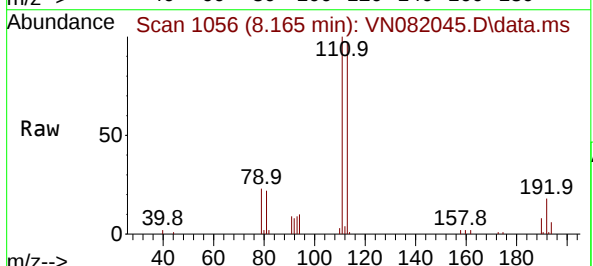
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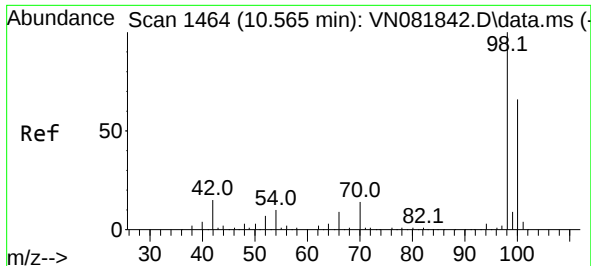
Tgt Ion:114 Resp: 262214
Ion Ratio Lower Upper
114 100
63 25.1 0.0 41.0
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

Tgt Ion:113 Resp: 80316
Ion Ratio Lower Upper
113 100
111 101.0 83.4 125.2
192 14.9 14.0 21.0

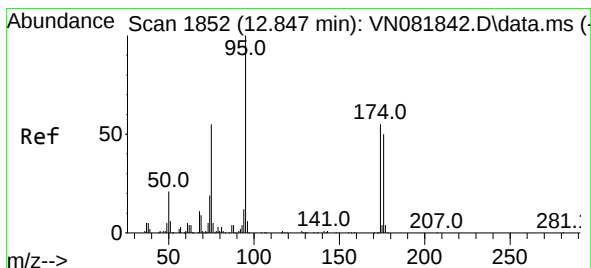
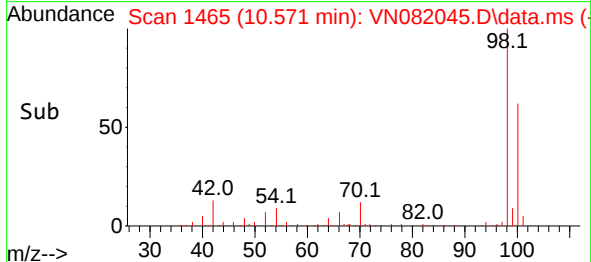
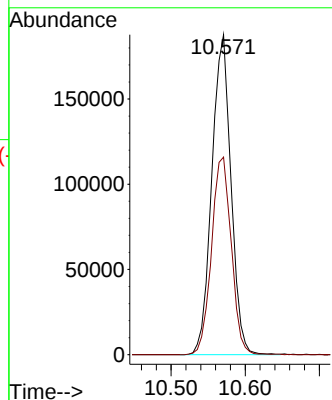
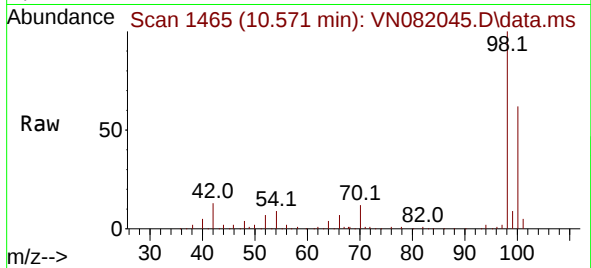




#50
Toluene-d8
Concen: 54.353 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

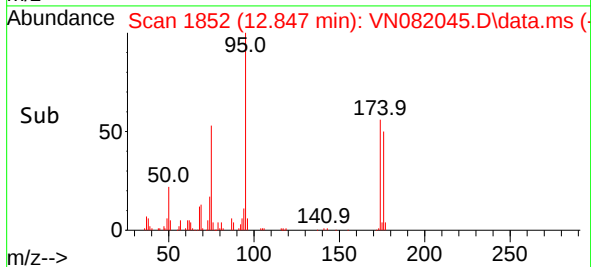
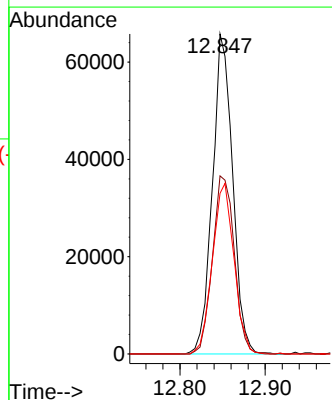
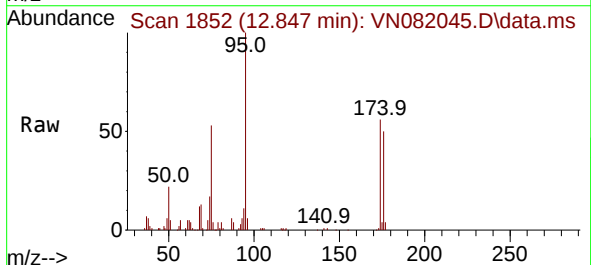
Instrument :
MSVOA_N
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TB-01-050824

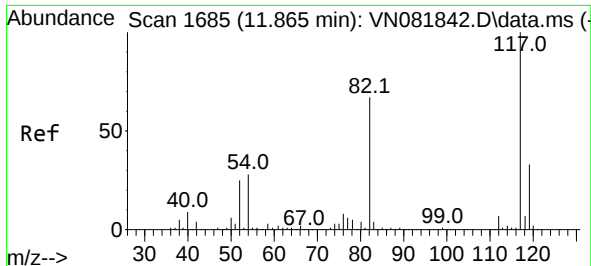
Tgt Ion: 98 Resp: 337014
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

Tgt Ion: 95 Resp: 108265
Ion Ratio Lower Upper
95 100
174 60.0 0.0 160.6
176 57.0 0.0 152.8

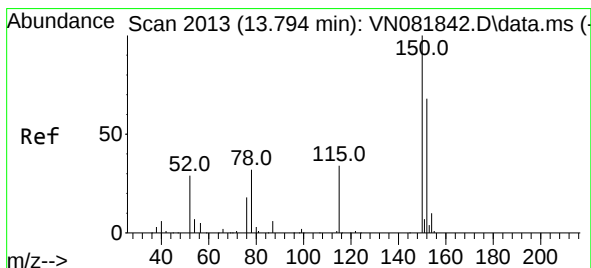
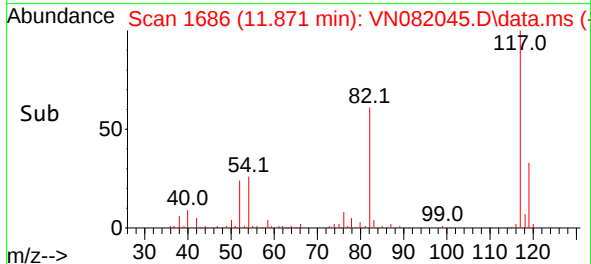
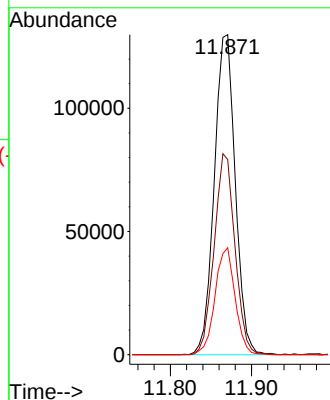
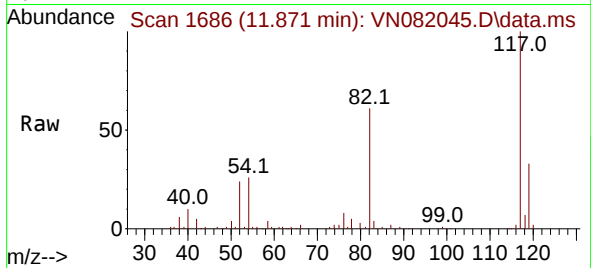




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082045.D
Acq: 09 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
TB-01-050824

Tgt Ion:117 Resp: 233783
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 33.4 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: VN082045.D
Acq: 09 May 2024 12:58

Tgt Ion:152 Resp: 88006
Ion Ratio Lower Upper
152 100
115 63.3 30.4 91.3
150 153.1 0.0 353.2

