

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081854.D
 Acq On : 25 Apr 2024 16:40
 Operator : JC\MD
 Sample : P2257-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41B

Quant Time: Apr 26 05:37:34 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)

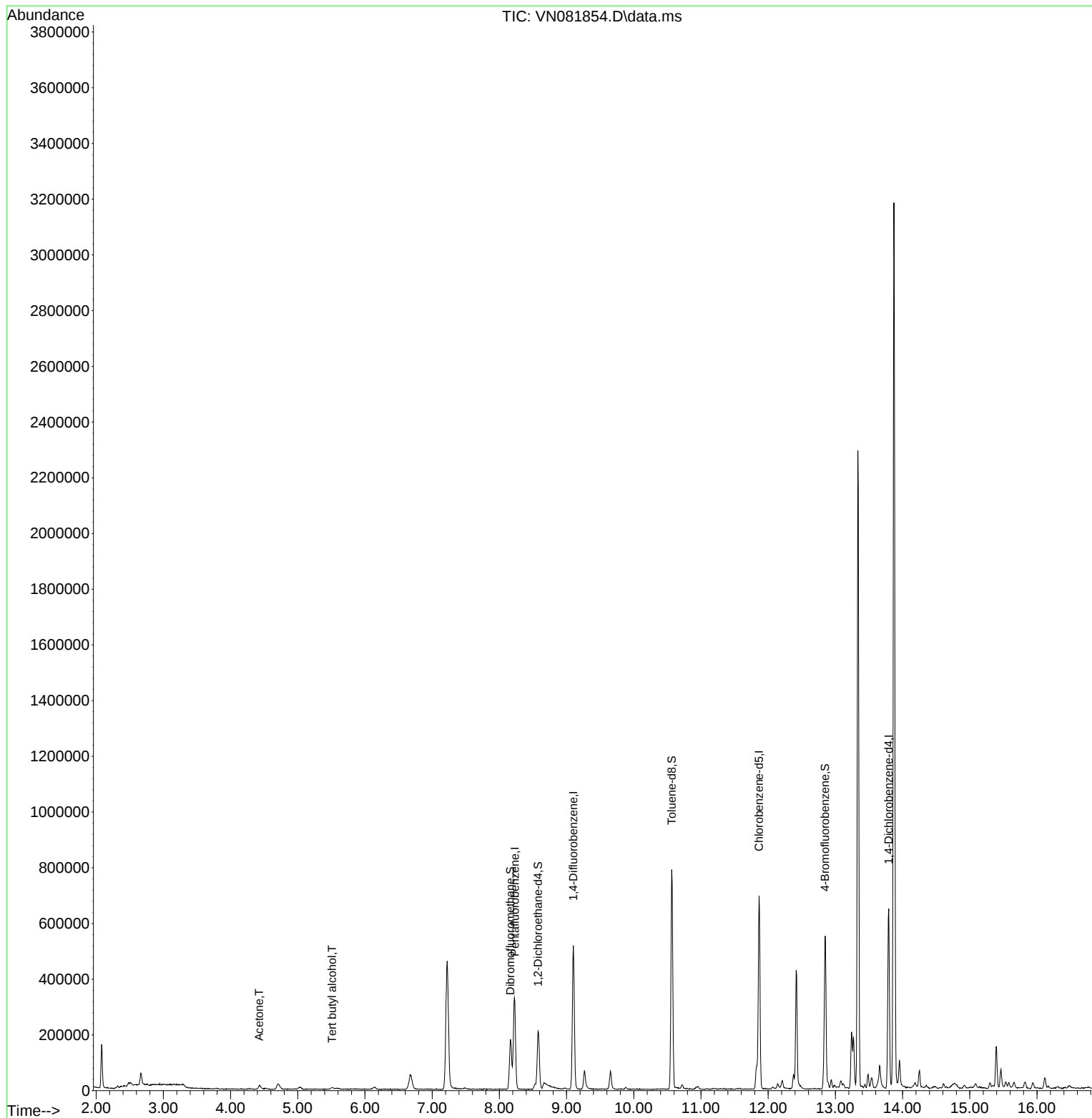
Internal Standards						
1) Pentafluorobenzene	8.230	168	226201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	416552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	176372	46.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.400%
35) Dibromofluoromethane	8.165	113	128143	51.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.565	98	517790	52.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.847	95	195871	50.304	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	10394	14.977	ug/l #	91
16) Acetone	4.424	43	25451	17.459	ug/l	100

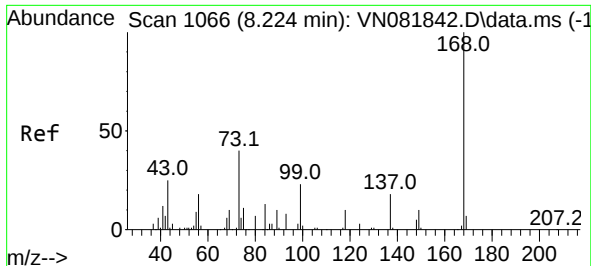
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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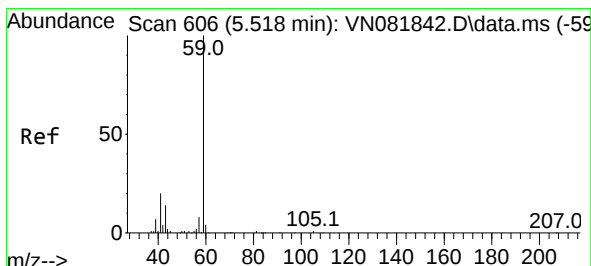
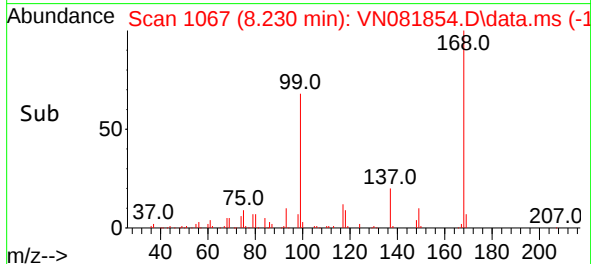
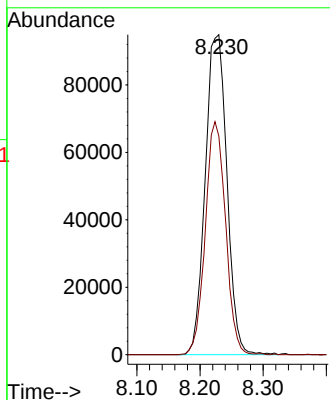
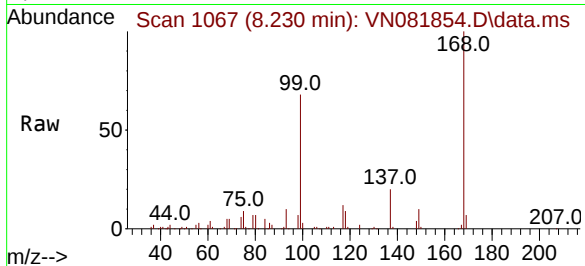




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

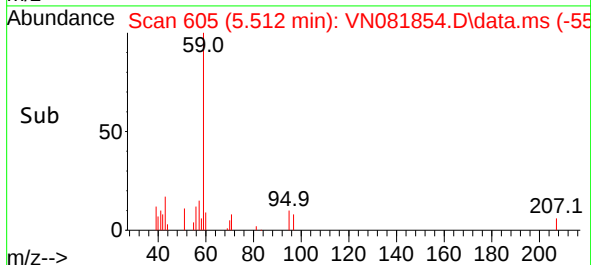
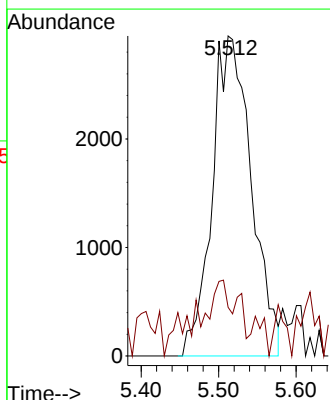
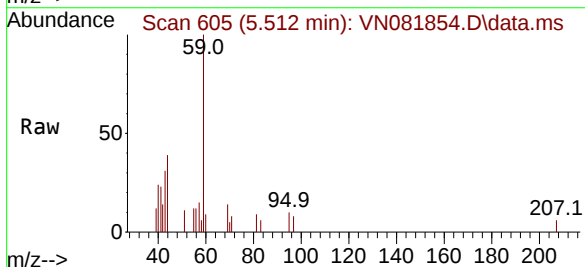
Instrument :
MSVOA_N
ClientSampleId :
41B

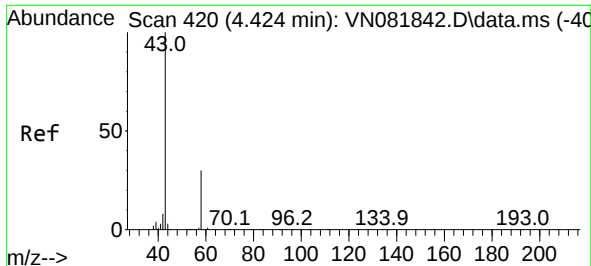
Tgt Ion:168 Resp: 226201
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 14.977 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

Tgt Ion: 59 Resp: 10394
Ion Ratio Lower Upper
59 100
57 7.9 8.9 13.3#

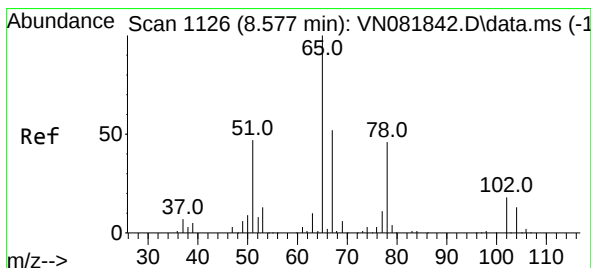
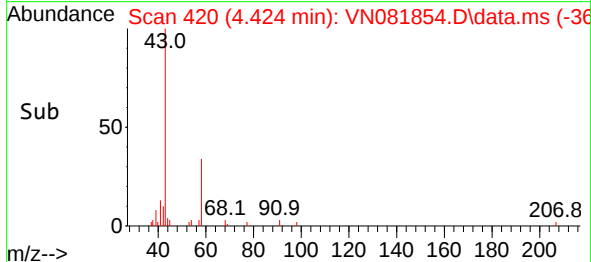
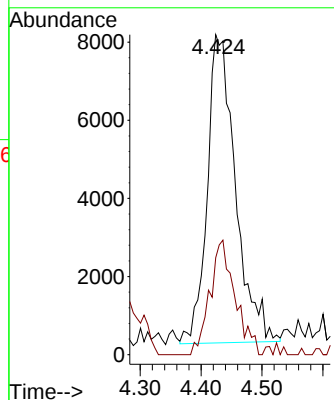
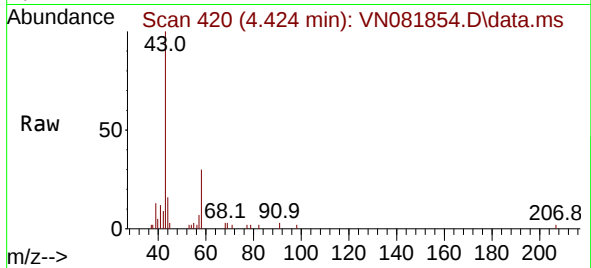




#16
Acetone
Concen: 17.459 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

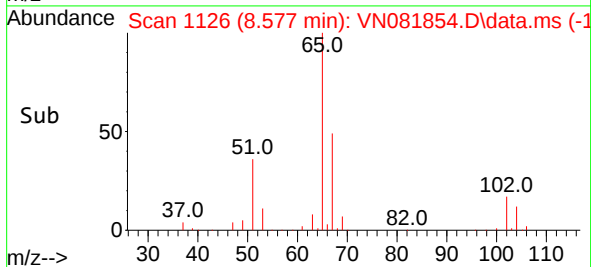
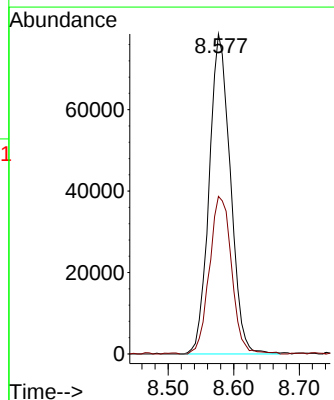
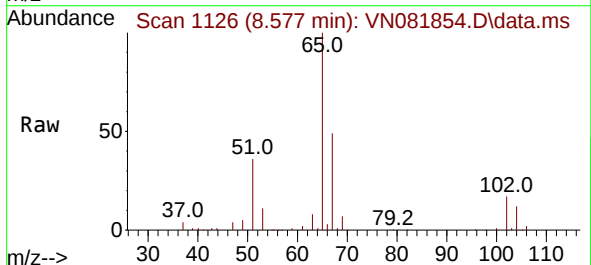
Instrument :
MSVOA_N
ClientSampleId :
41B

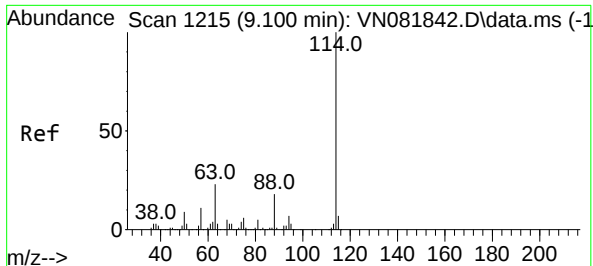
Tgt Ion: 43 Resp: 25451
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8



#33
1,2-Dichloroethane-d4
Concen: 46.199 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

Tgt Ion: 65 Resp: 176372
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081854.D

Acq: 25 Apr 2024 16:40

Instrument :

MSVOA_N

ClientSampleId :

41B

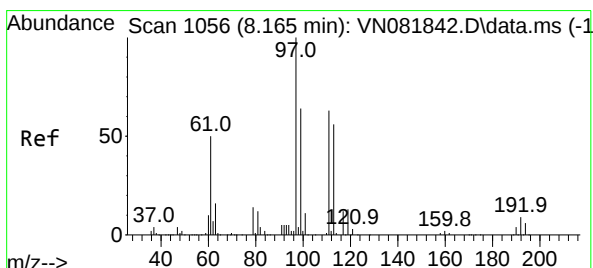
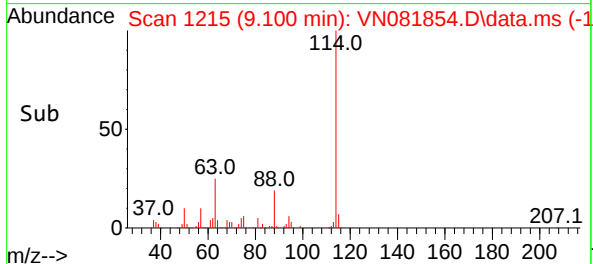
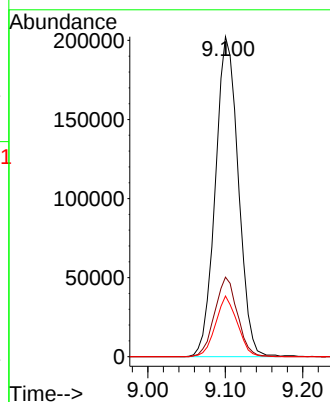
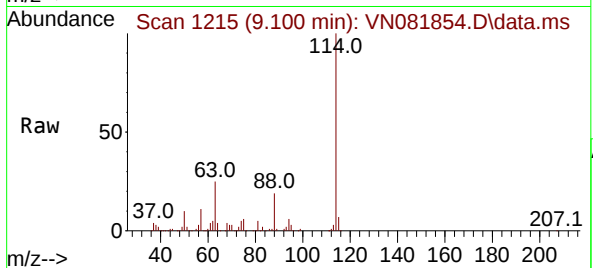
Tgt Ion:114 Resp: 416552

Ion Ratio Lower Upper

114 100

63 24.8 0.0 41.0

88 19.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.094 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081854.D

Acq: 25 Apr 2024 16:40

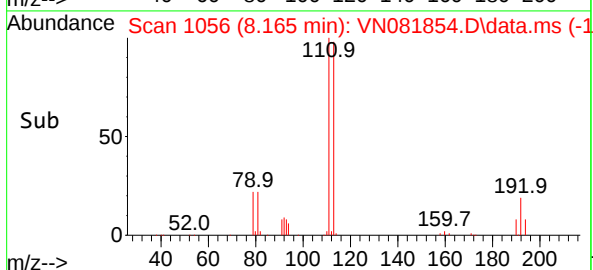
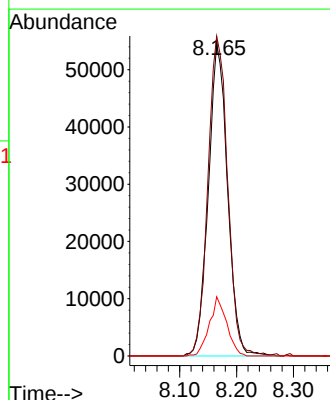
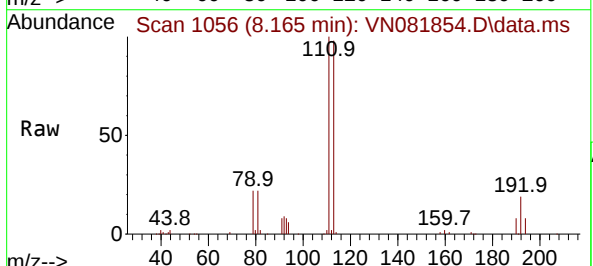
Tgt Ion:113 Resp: 128143

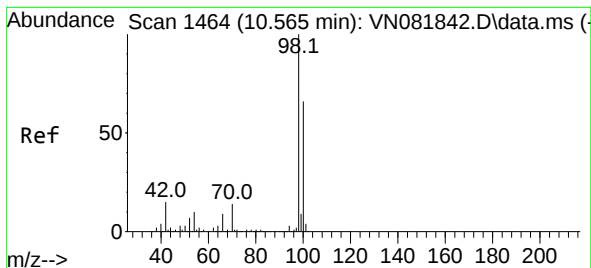
Ion Ratio Lower Upper

113 100

111 104.7 83.4 125.2

192 17.1 14.0 21.0

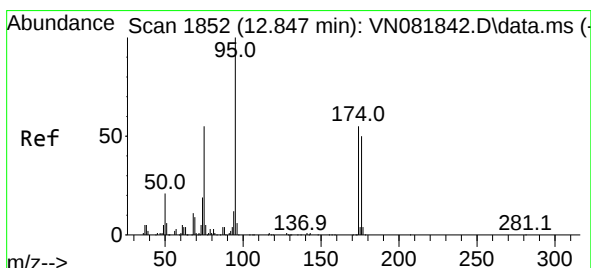
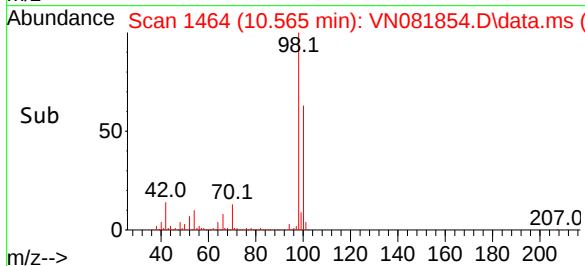
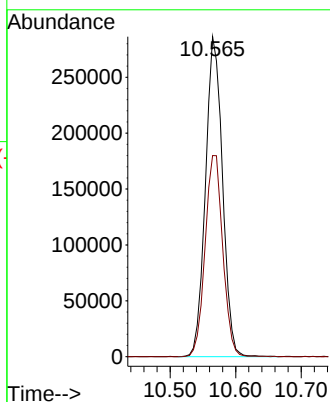
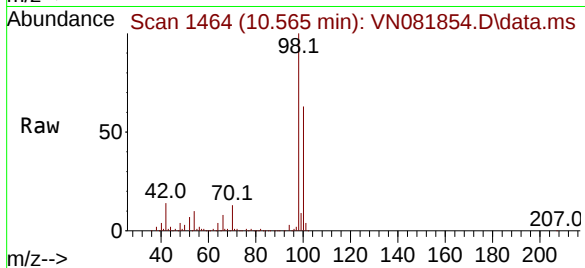




#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

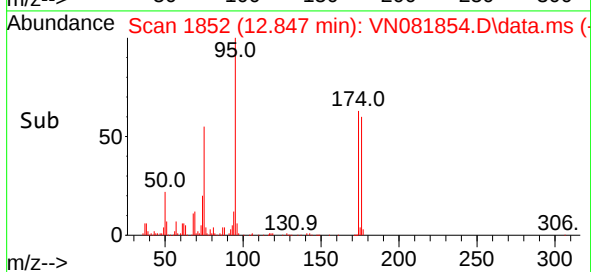
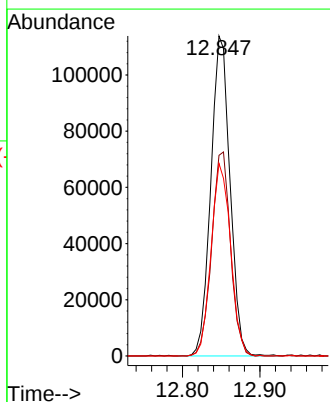
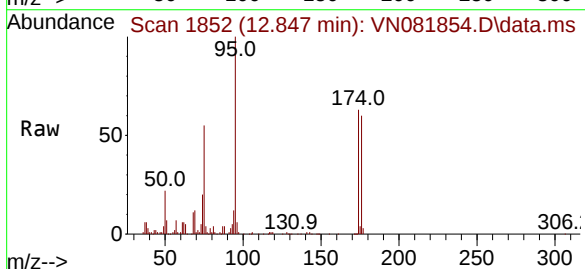
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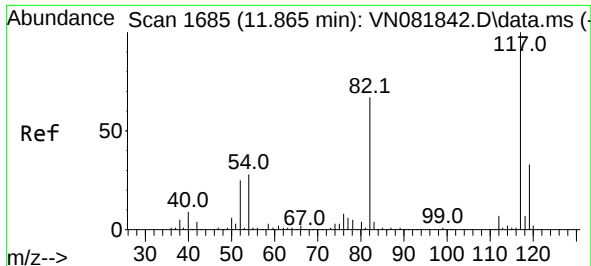
Tgt Ion: 98 Resp: 517790
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.304 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

Tgt Ion: 95 Resp: 195871
Ion Ratio Lower Upper
95 100
174 62.9 0.0 160.6
176 61.2 0.0 152.8

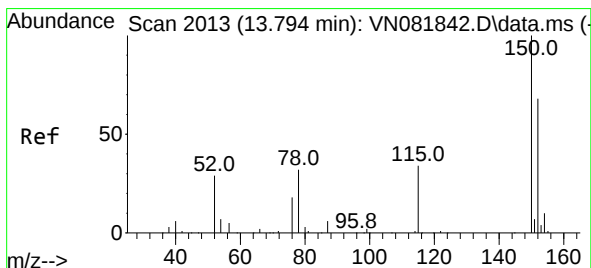
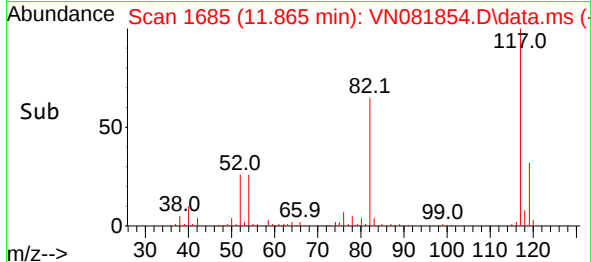
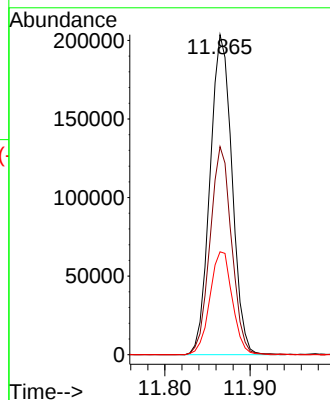
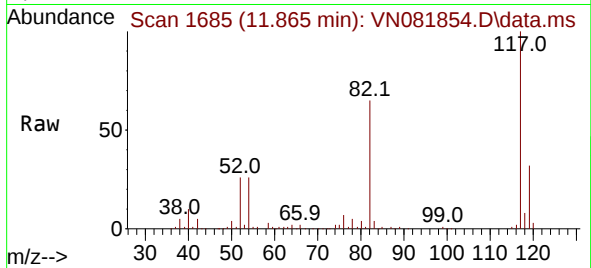




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081854.D
Acq: 25 Apr 2024 16:40

Instrument :
MSVOA_N
ClientSampleId :
41B

Tgt Ion:117 Resp: 364870
Ion Ratio Lower Upper
117 100
82 64.9 44.6 66.8
119 32.2 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: VN081854.D
Acq: 25 Apr 2024 16:40

Tgt Ion:152 Resp: 159869
Ion Ratio Lower Upper
152 100
115 64.3 30.4 91.3
150 157.7 0.0 353.2

