

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080836.D
 Acq On : 31 Jan 2024 13:33
 Operator : JC\MD
 Sample : P1284-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1248

Quant Time: Jan 31 23:15:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

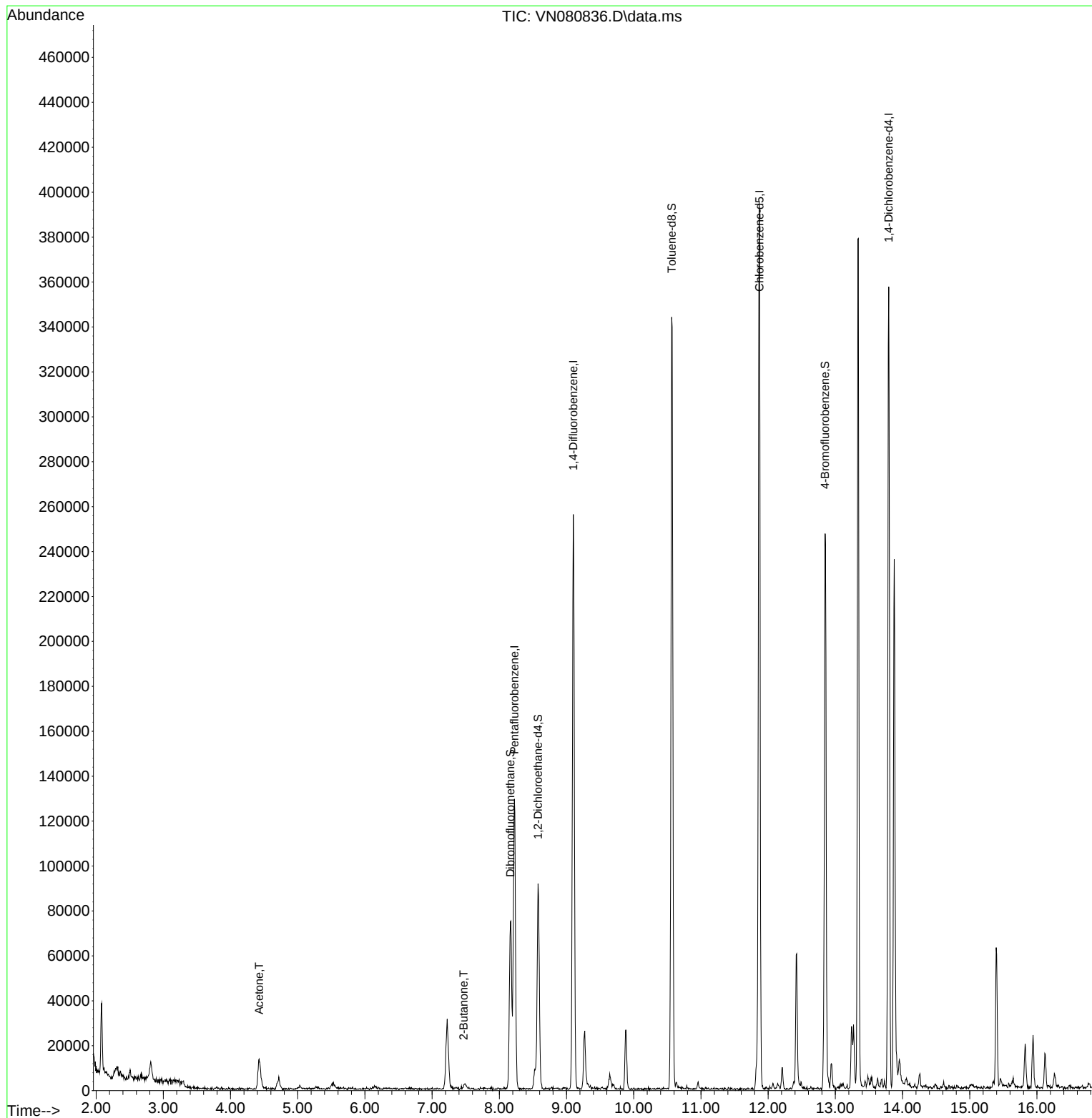
Internal Standards						
1) Pentafluorobenzene	8.224	168	81289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	198023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	201919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	70261	49.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.165	113	55013	45.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	10.565	98	221102	46.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.847	95	84441	51.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.200%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	25286	49.579	ug/l #	86
25) 2-Butanone	7.471	43	4370	4.511	ug/l #	84

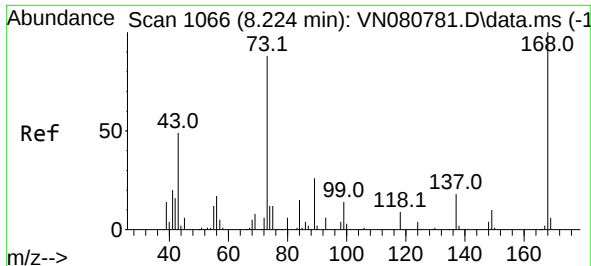
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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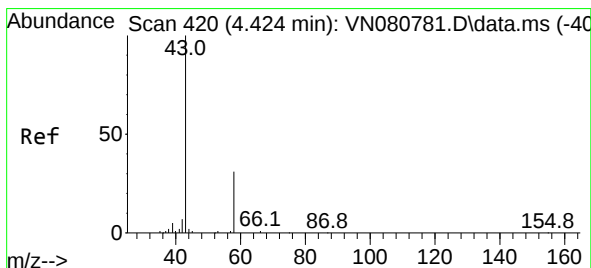
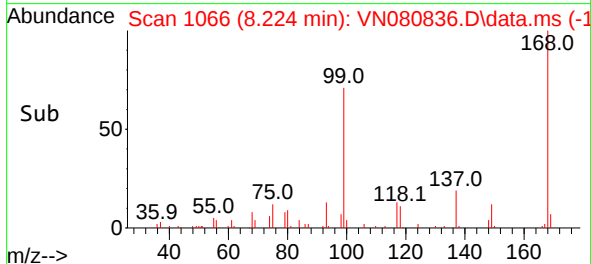
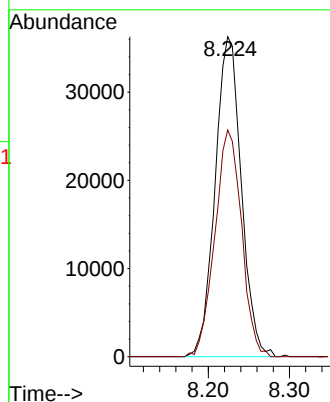
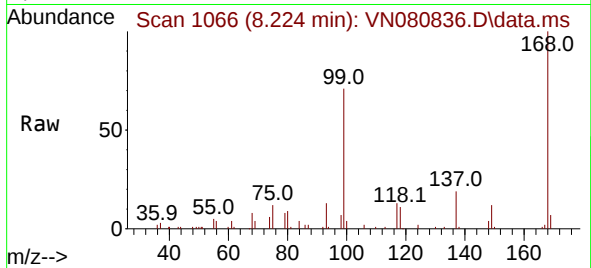




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

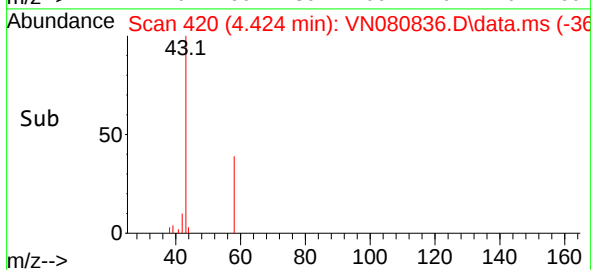
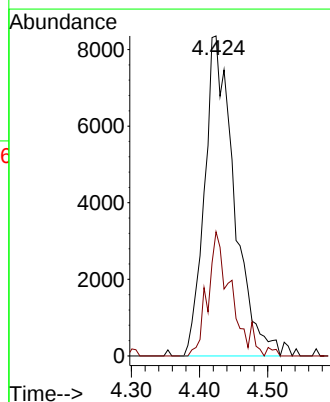
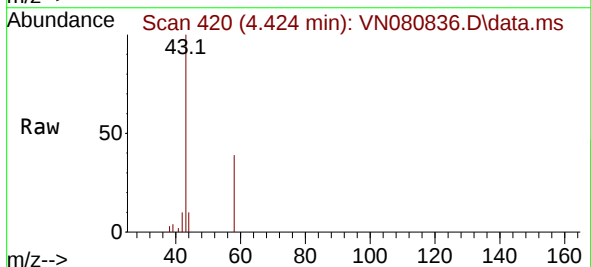
Instrument :
MSVOA_N
ClientSampleId :
1248

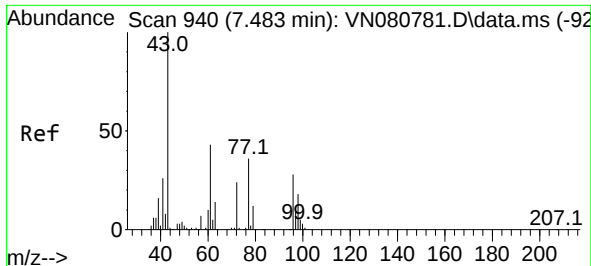
Tgt Ion:168 Resp: 81289
Ion Ratio Lower Upper
168 100
99 70.9 59.9 89.9



#16
Acetone
Concen: 49.579 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

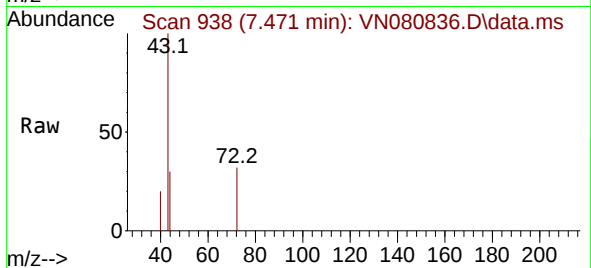
Tgt Ion: 43 Resp: 25286
Ion Ratio Lower Upper
43 100
58 38.8 24.8 37.2#



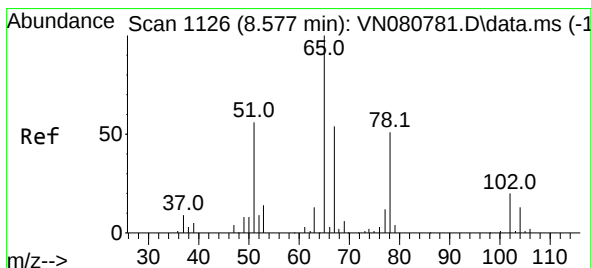
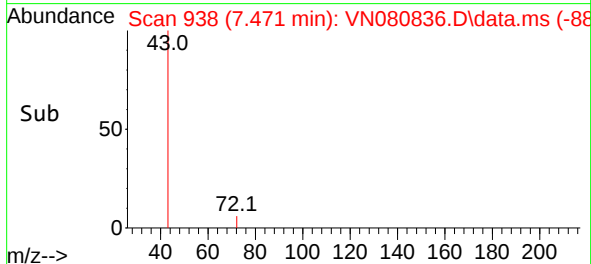
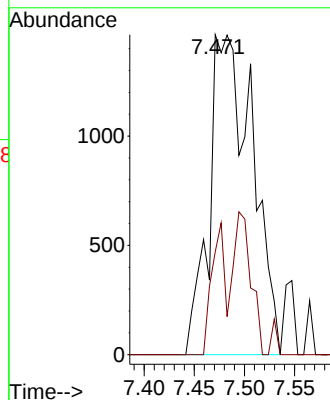


#25
2-Butanone
Concen: 4.511 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

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ClientSampleId :
1248

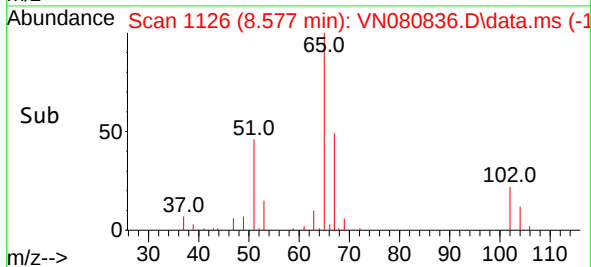
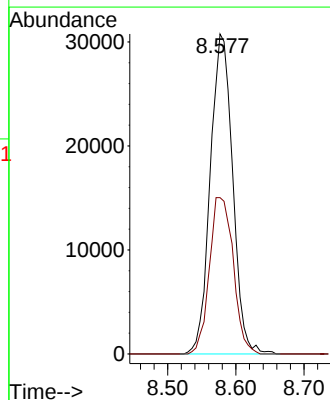
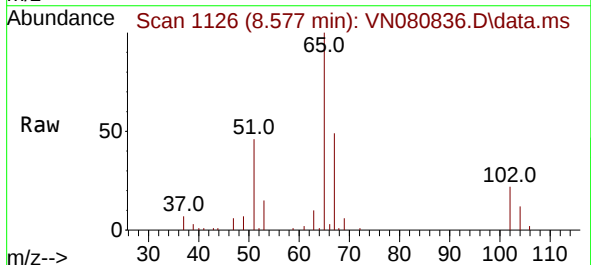


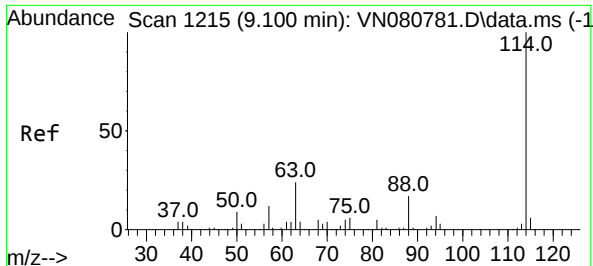
Tgt Ion: 43 Resp: 4370
Ion Ratio Lower Upper
43 100
72 32.2 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 49.962 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

Tgt Ion: 65 Resp: 70261
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080836.D

Acq: 31 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

1248

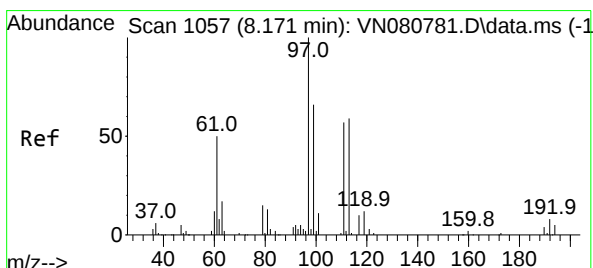
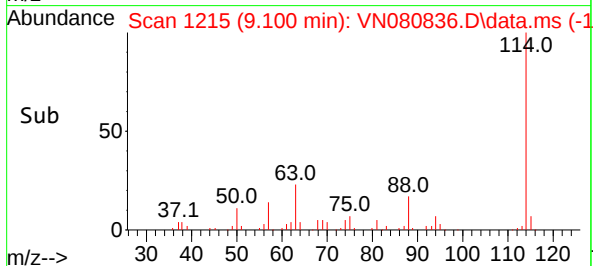
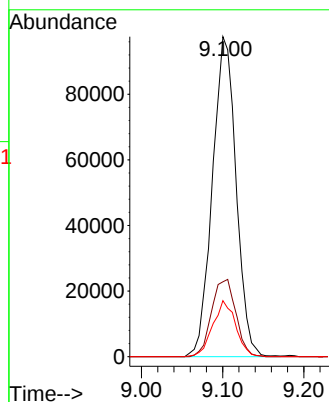
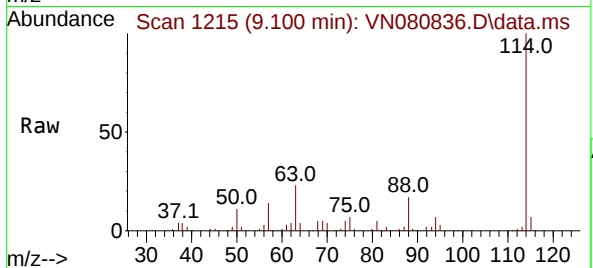
Tgt Ion:114 Resp: 198023

Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.0

88 17.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 45.409 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080836.D

Acq: 31 Jan 2024 13:33

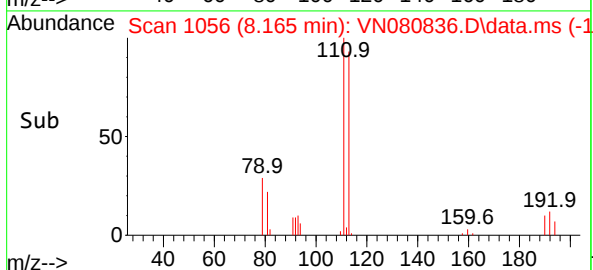
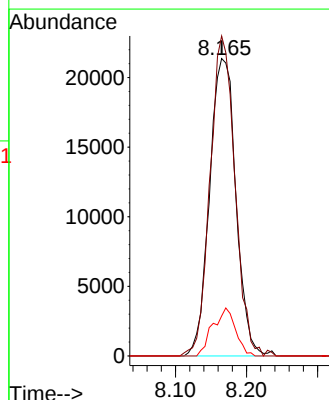
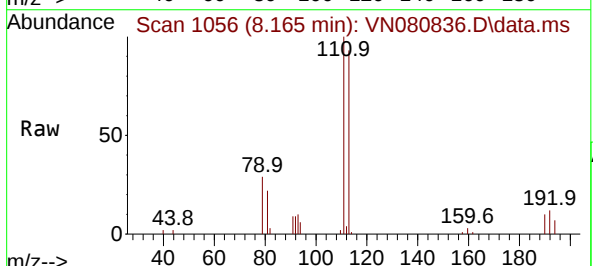
Tgt Ion:113 Resp: 55013

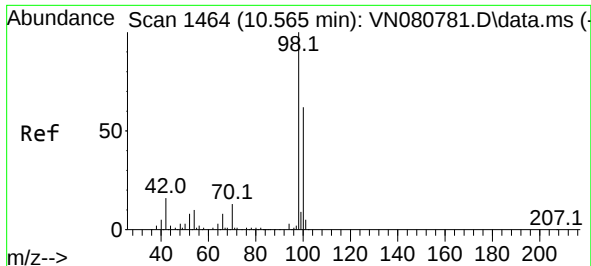
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 13.9 12.5 18.7

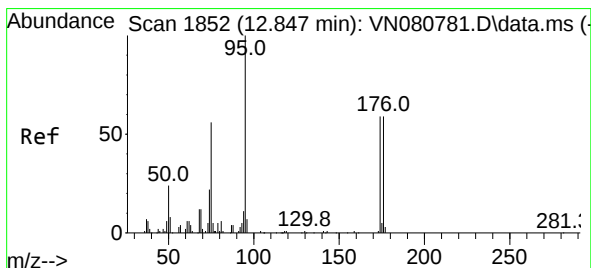
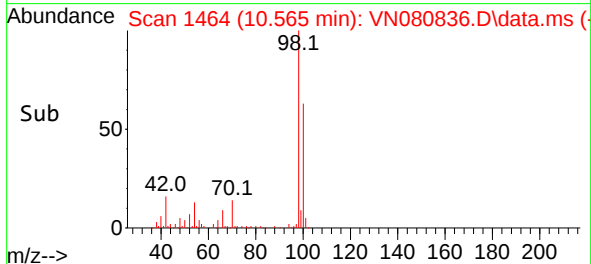
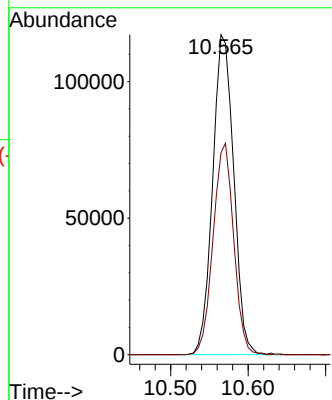
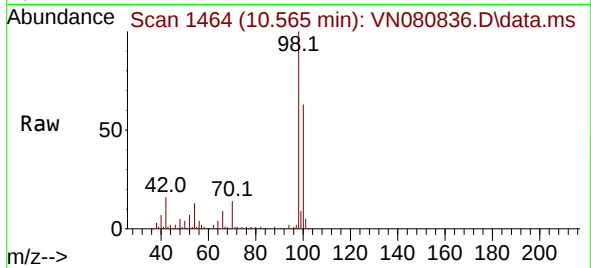




#50
Toluene-d8
Concen: 46.629 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

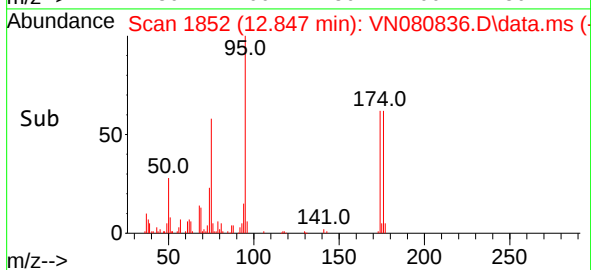
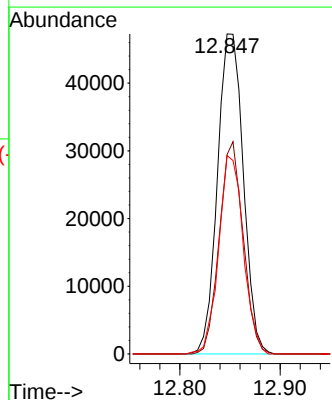
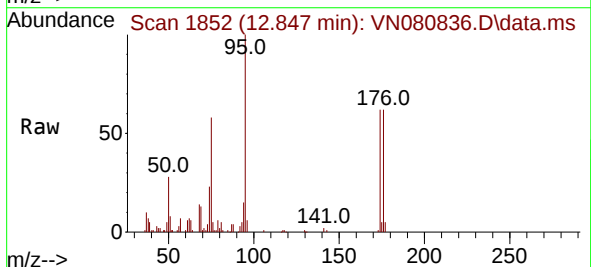
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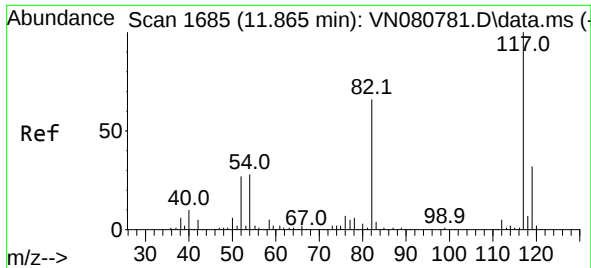
Tgt Ion: 98 Resp: 221102
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.103 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

Tgt Ion: 95 Resp: 84441
Ion Ratio Lower Upper
95 100
174 61.0 0.0 120.4
176 59.2 0.0 121.0

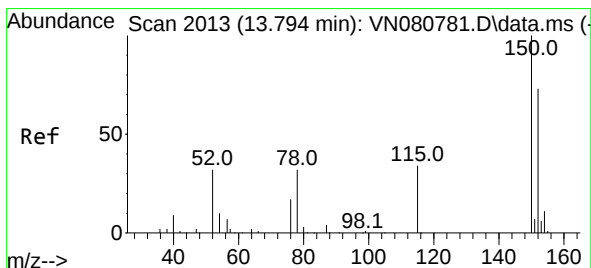
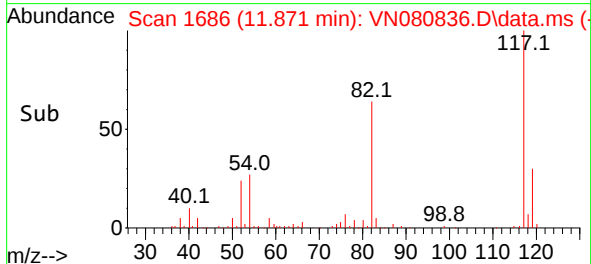
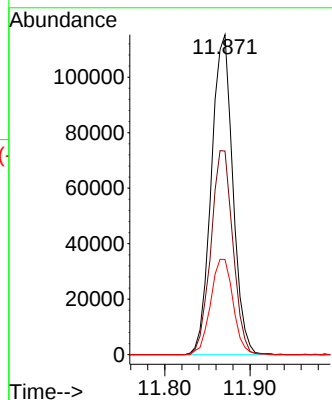
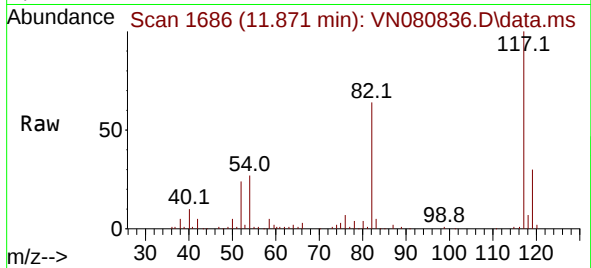




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
1248

Tgt Ion:117 Resp: 201919
Ion Ratio Lower Upper
117 100
82 63.7 52.7 79.1
119 29.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080836.D
Acq: 31 Jan 2024 13:33

Tgt Ion:152 Resp: 81435
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 157.6 0.0 339.8

