

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082236.D
 Acq On : 21 May 2024 13:28
 Operator : JC\MD
 Sample : P2537-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 448

Quant Time: May 22 01:26:03 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)

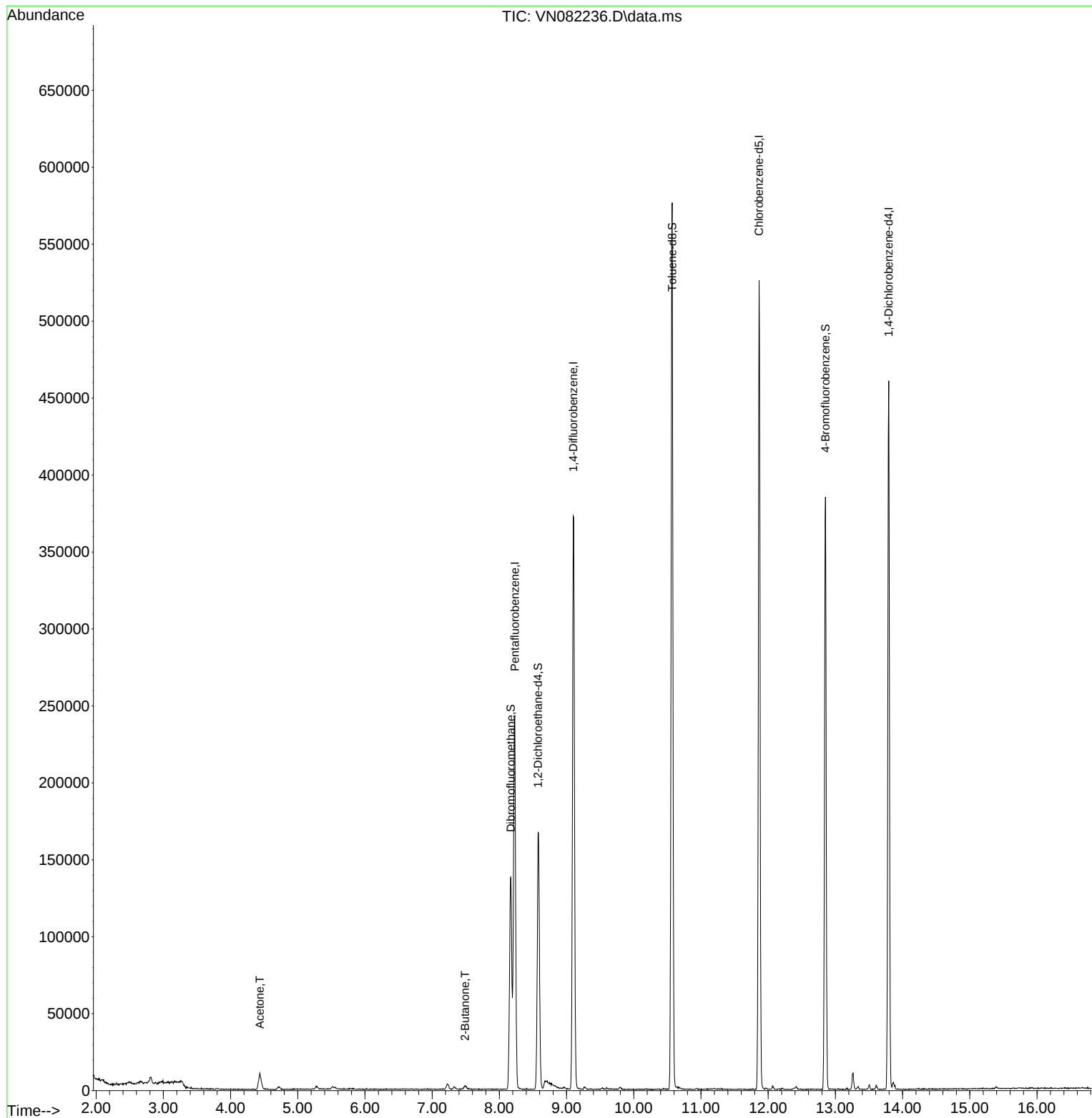
Internal Standards						
1) Pentafluorobenzene	8.230	168	168874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139872	52.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.900%	
35) Dibromofluoromethane	8.171	113	97046	52.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.960%	
50) Toluene-d8	10.571	98	374852	52.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.853	95	122744	48.508	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	19624	17.940	ug/l	98
25) 2-Butanone	7.488	43	4987	3.007	ug/l #	70

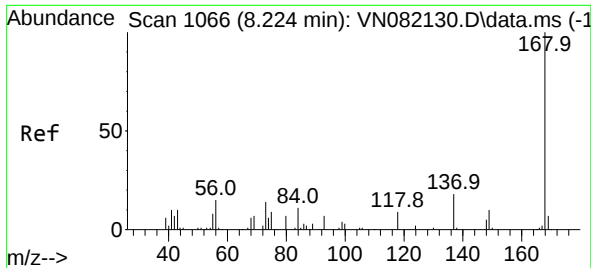
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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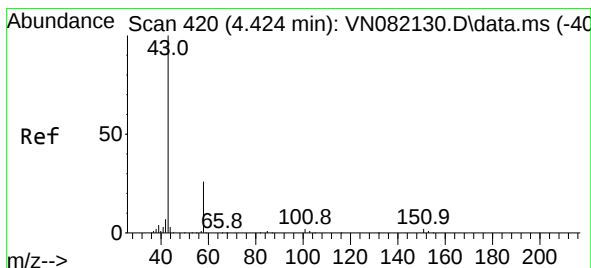
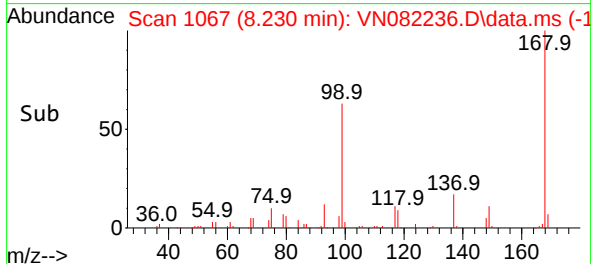
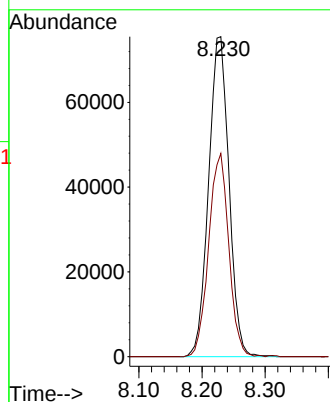
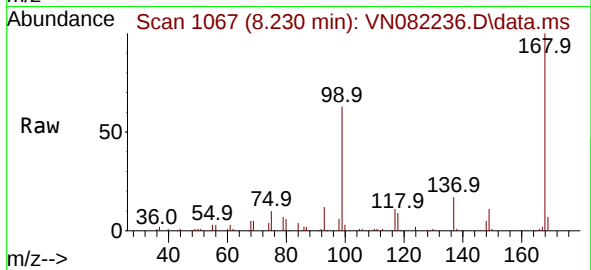




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

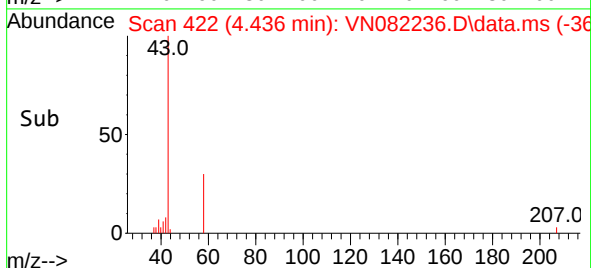
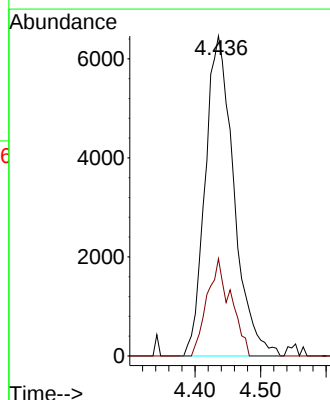
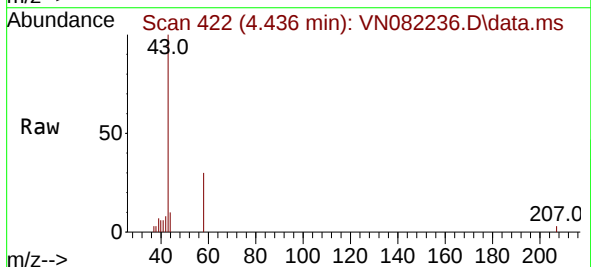
Instrument :
MSVOA_N
ClientSampleId :
448

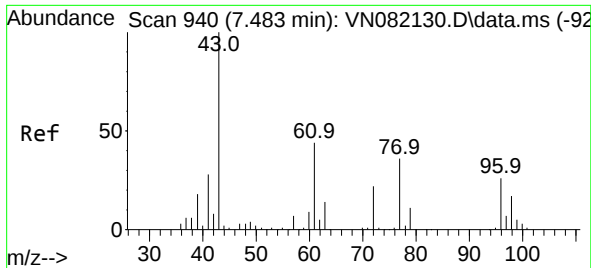
Tgt Ion:168 Resp: 168874
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 17.940 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 43 Resp: 19624
Ion Ratio Lower Upper
43 100
58 30.4 25.2 37.8

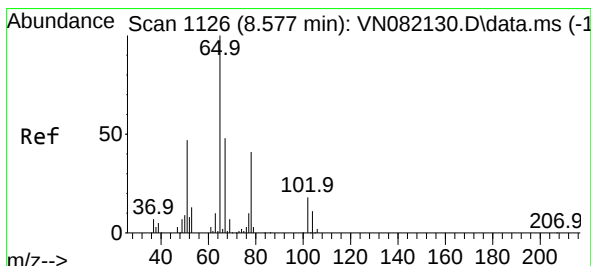
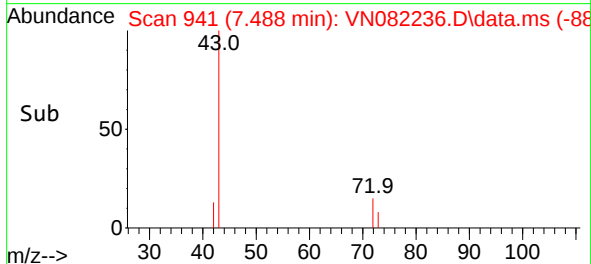
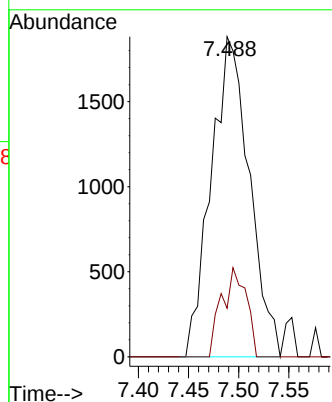
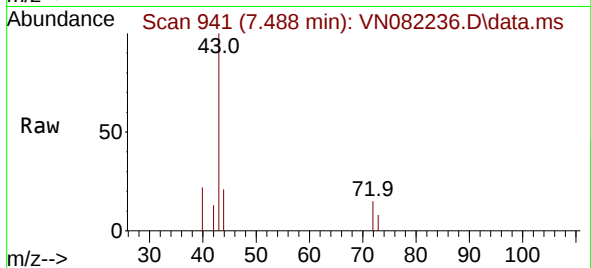




#25
2-Butanone
Concen: 3.007 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

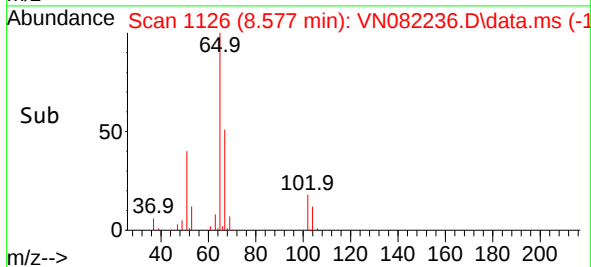
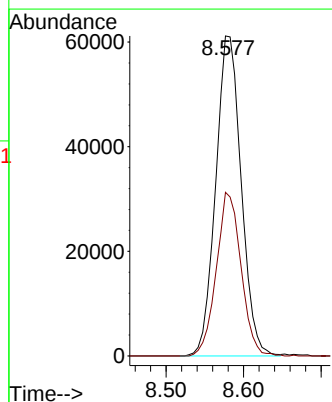
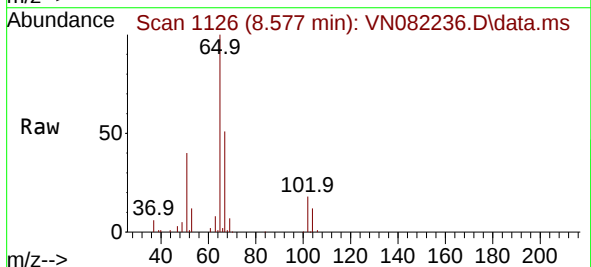
Instrument :
MSVOA_N
ClientSampleId :
448

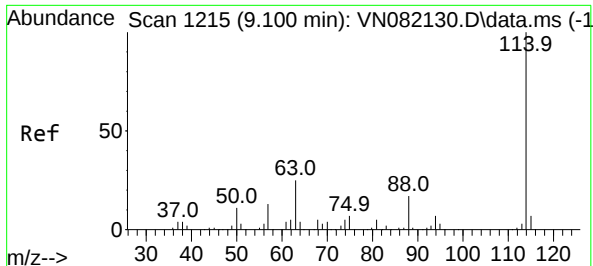
Tgt Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
72 15.2 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 52.454 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 65 Resp: 139872
Ion Ratio Lower Upper
65 100
67 49.5 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: VN082236.D

Acq: 21 May 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

448

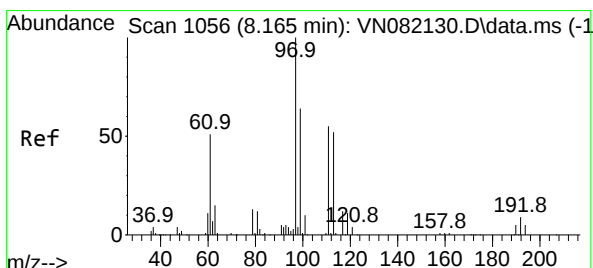
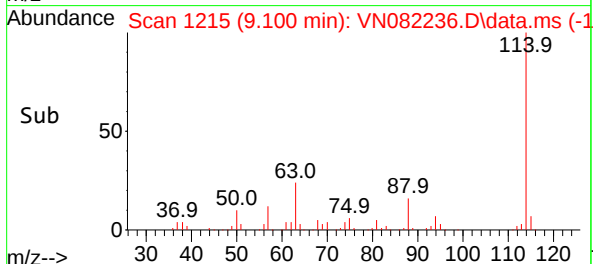
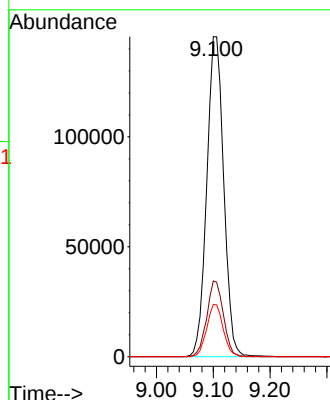
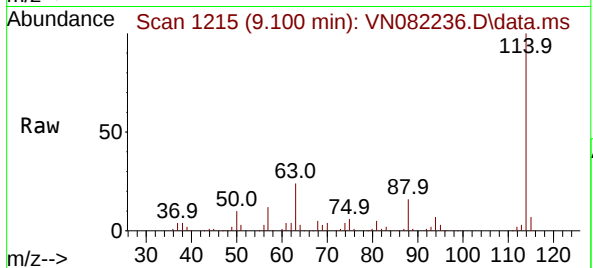
Tgt Ion:114 Resp: 300598

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.482 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

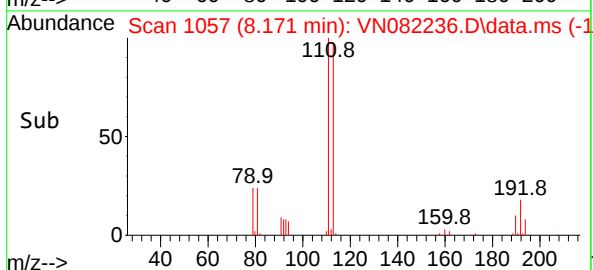
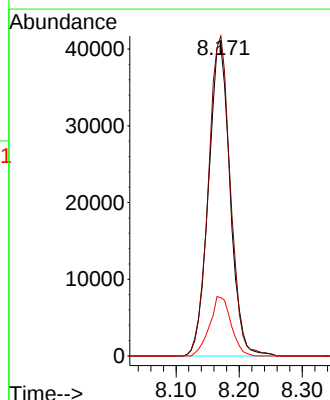
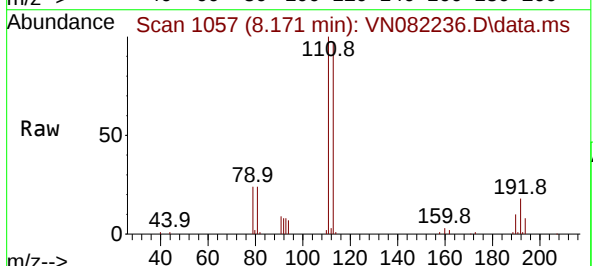
Tgt Ion:113 Resp: 97046

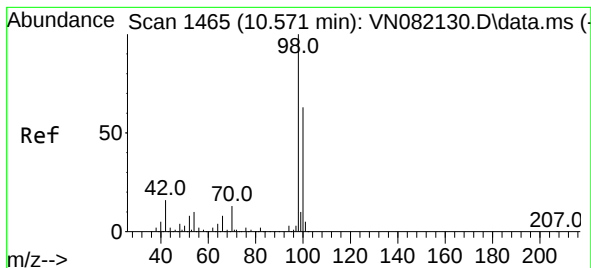
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 18.8 14.0 21.0





#50

Toluene-d8

Concen: 52.875 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

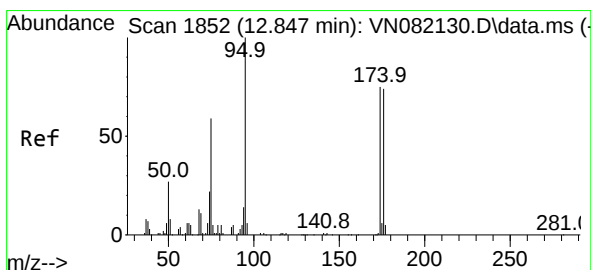
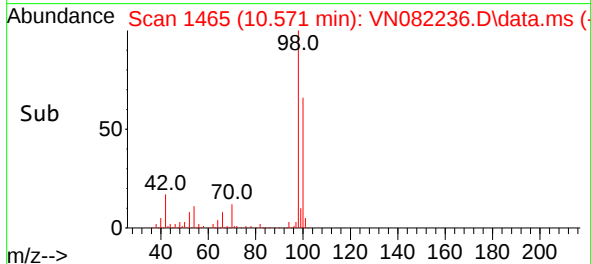
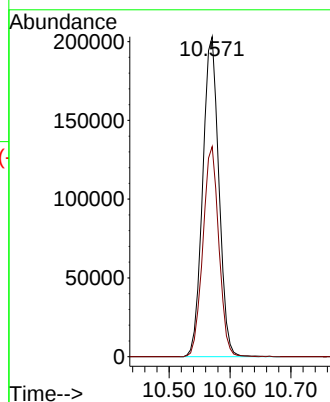
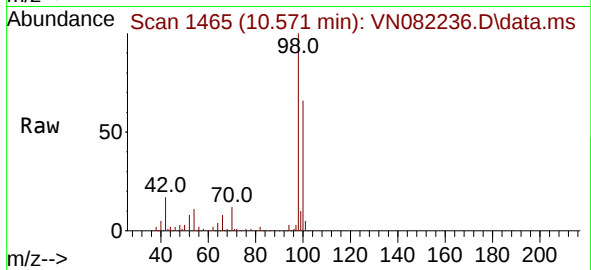
448

Tgt Ion: 98 Resp: 374852

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.508 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

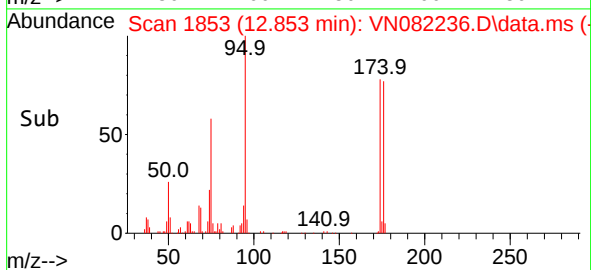
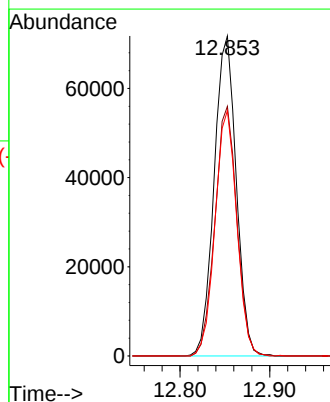
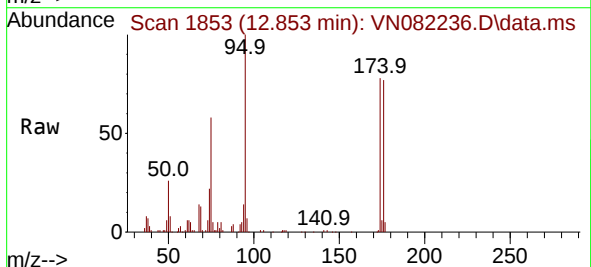
Tgt Ion: 95 Resp: 122744

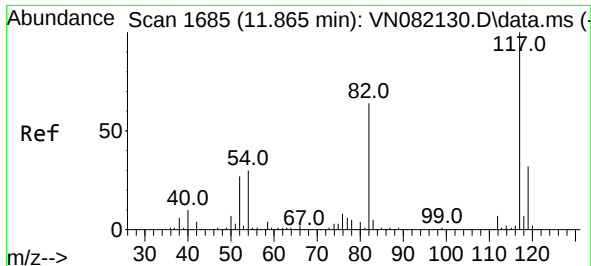
Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.6

176 75.2 0.0 152.8

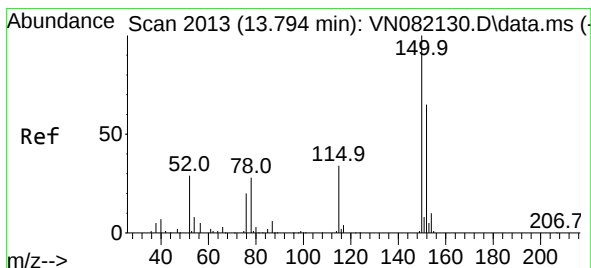
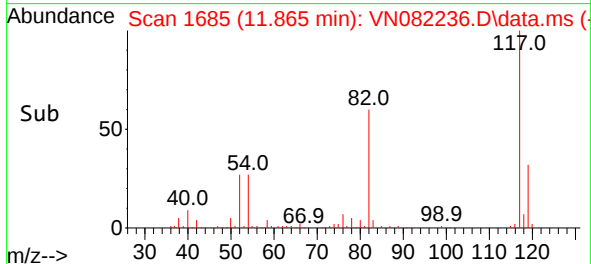
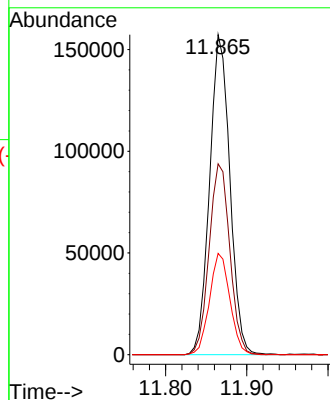
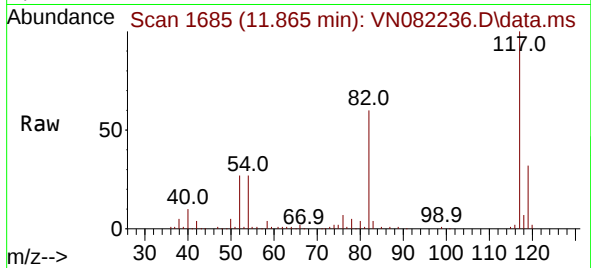




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
448

Tgt Ion:117 Resp: 272556
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.6 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: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion:152 Resp: 114790
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 157.2 0.0 353.2

