

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082306.D
 Acq On : 22 May 2024 20:42
 Operator : JC\MD
 Sample : PB161037ZHE#19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#19

Quant Time: May 23 01:58:33 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)

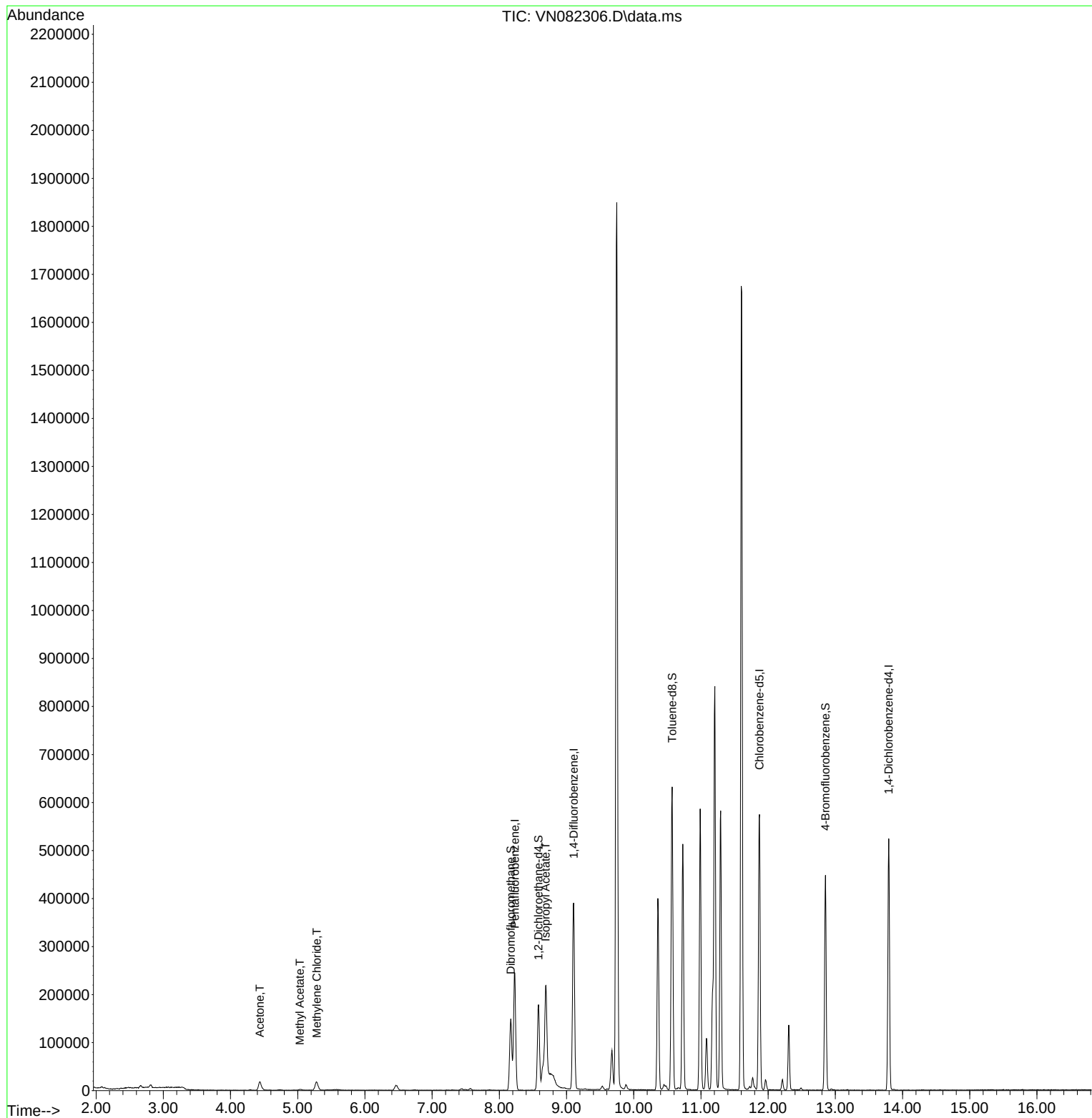
Internal Standards						
1) Pentafluorobenzene	8.230	168	168827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	304862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146470	54.944	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.880%		
35) Dibromofluoromethane	8.171	113	101826	53.090	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.180%		
50) Toluene-d8	10.571	98	407396	55.403	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.800%		
62) 4-Bromofluorobenzene	12.853	95	142757	54.392	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 108.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	35146	32.139	ug/l #	88
18) Methyl Acetate	5.030	43	4105	1.507	ug/l #	80
20) Methylene Chloride	5.283	84	11849	5.370	ug/l #	78
43) Isopropyl Acetate	8.688	43	318426	49.919	ug/l #	72

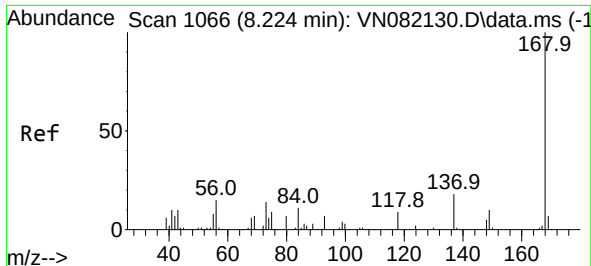
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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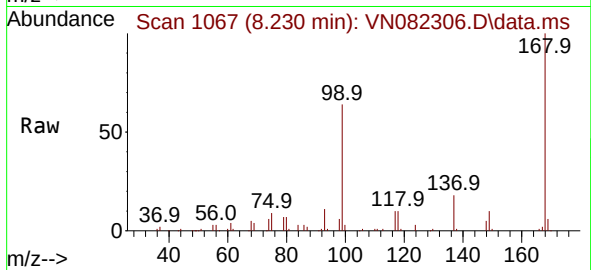
Quant Time: May 23 01:58:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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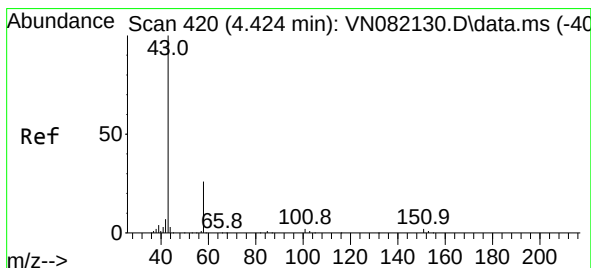
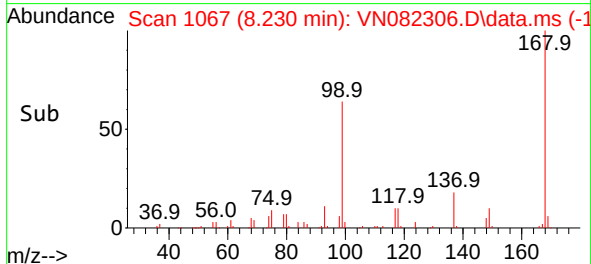
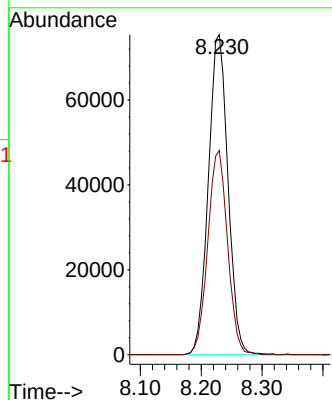


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#19

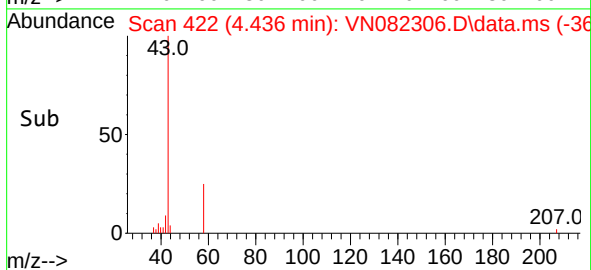
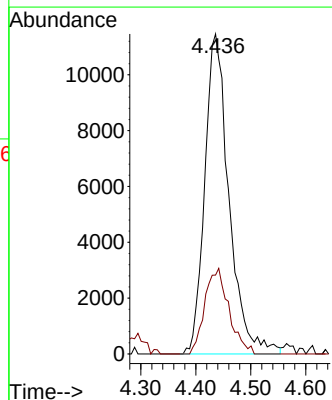
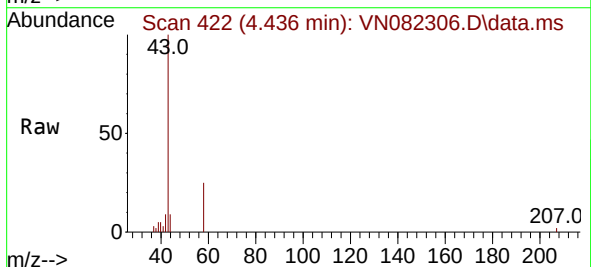


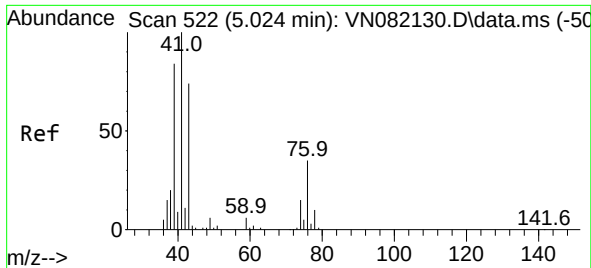
Tgt Ion:168 Resp: 168827
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#16
Acetone
Concen: 32.139 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

Tgt Ion: 43 Resp: 35146
Ion Ratio Lower Upper
43 100
58 24.6 25.2 37.8#

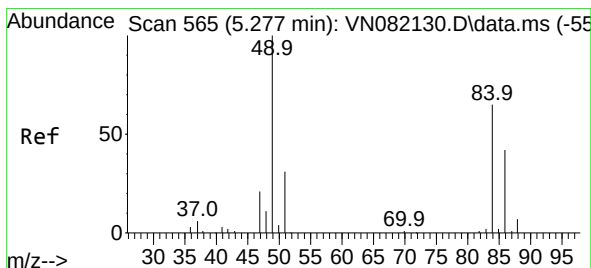
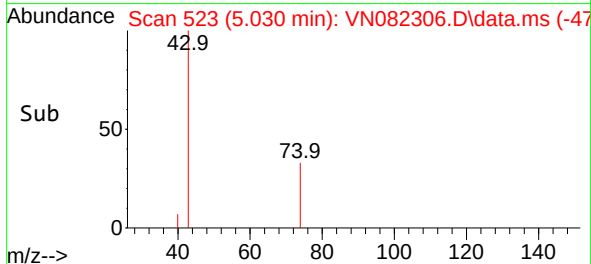
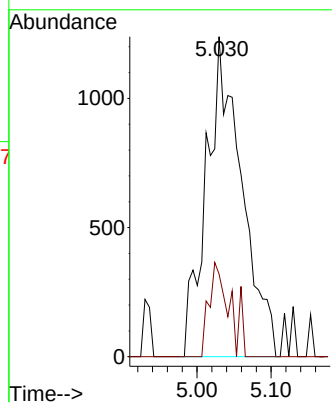
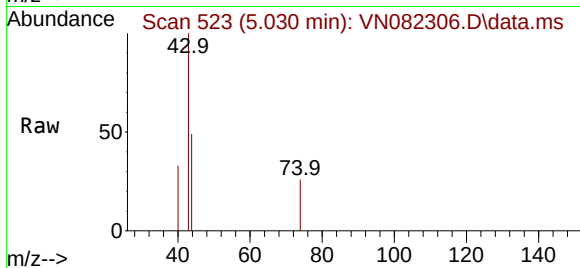




#18
Methyl Acetate
Concen: 1.507 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

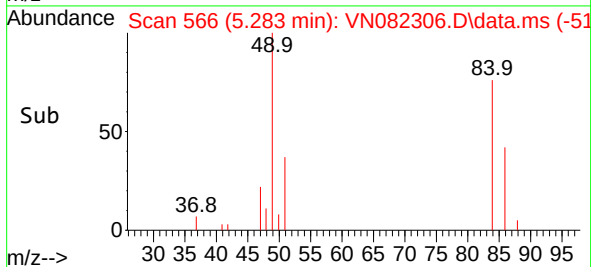
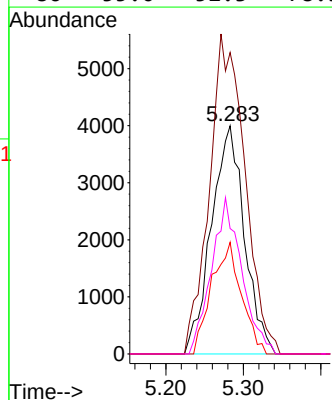
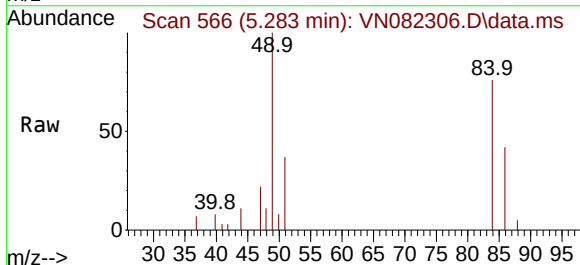
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#19

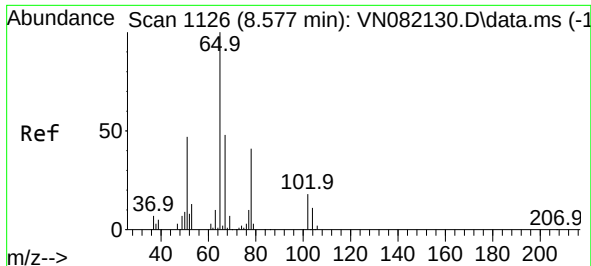
Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
74 17.3 22.2 33.2#



#20
Methylene Chloride
Concen: 5.370 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

Tgt Ion: 84 Resp: 11849
Ion Ratio Lower Upper
84 100
49 132.1 84.9 127.3#
51 49.0 27.0 40.6#
86 55.0 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 54.944 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082306.D

Acq: 22 May 2024 20:42

Instrument :

MSVOA_N

ClientSampleId :

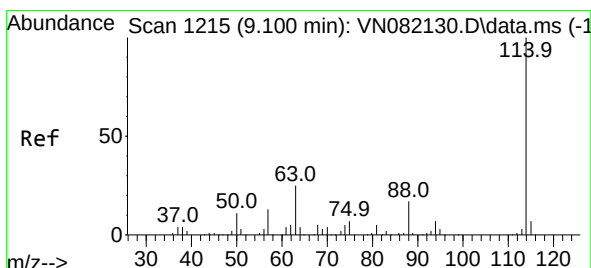
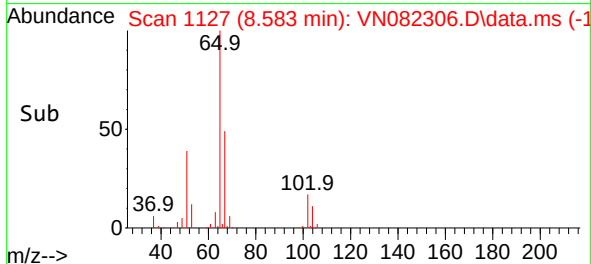
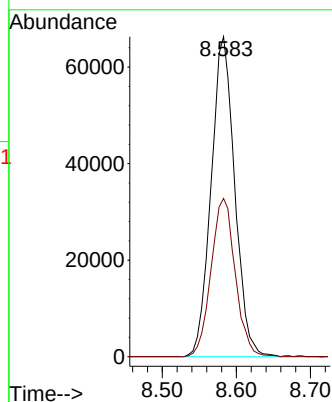
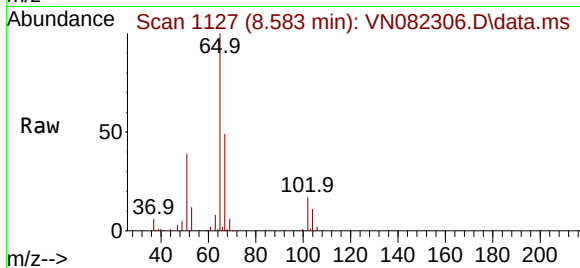
PB161037ZHE#19

Tgt Ion: 65 Resp: 146470

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082306.D

Acq: 22 May 2024 20:42

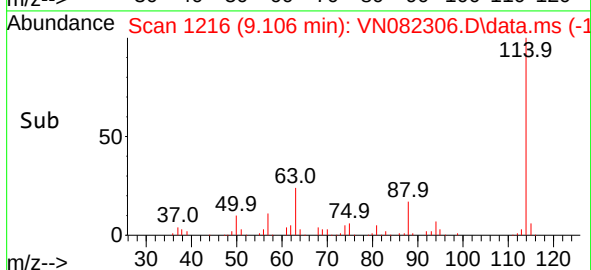
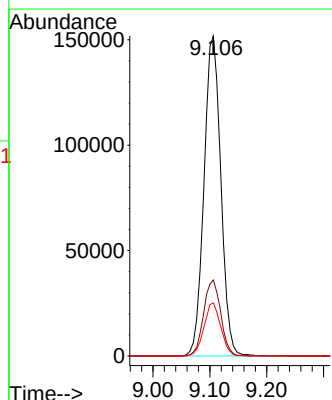
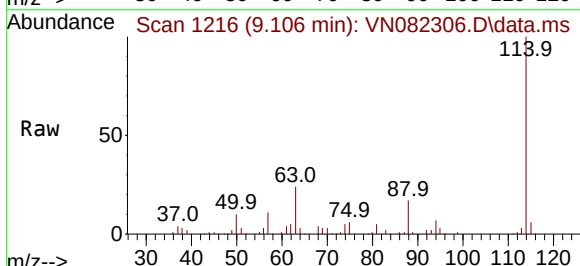
Tgt Ion: 114 Resp: 311787

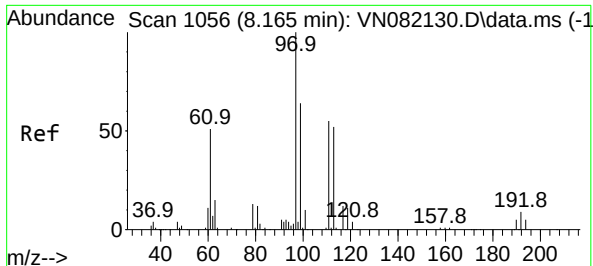
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.090 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082306.D

Acq: 22 May 2024 20:42

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#19

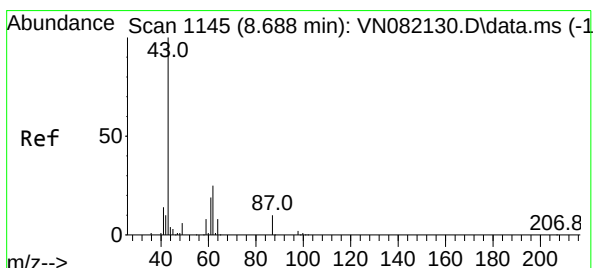
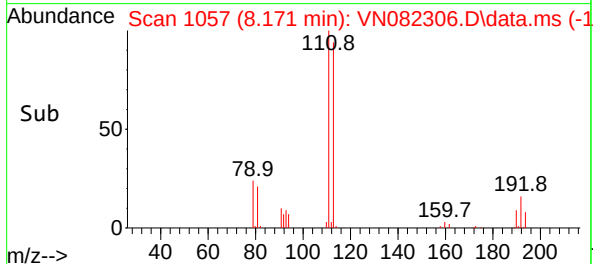
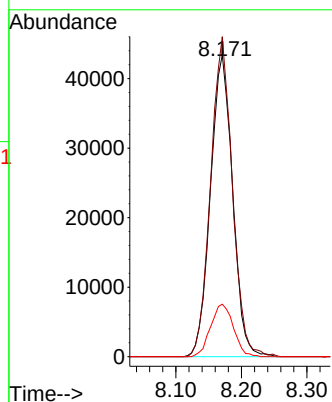
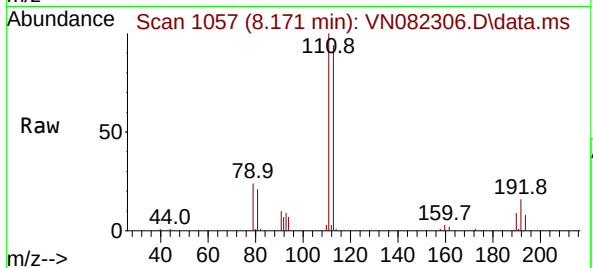
Tgt Ion:113 Resp: 101826

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 17.9 14.0 21.0



#43

Isopropyl Acetate

Concen: 49.919 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082306.D

Acq: 22 May 2024 20:42

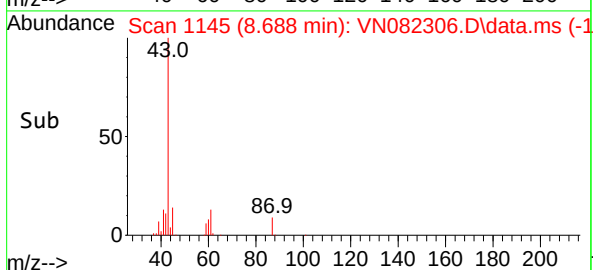
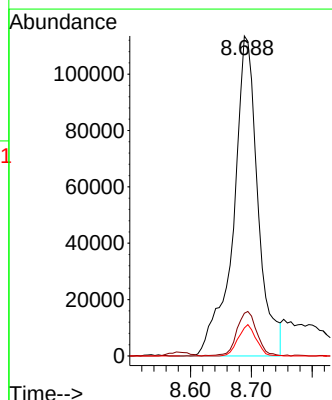
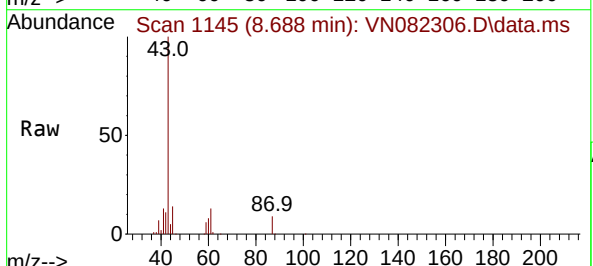
Tgt Ion: 43 Resp: 318426

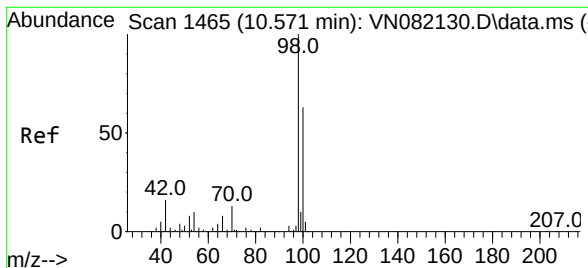
Ion Ratio Lower Upper

43 100

61 11.4 22.8 34.2#

87 7.1 12.0 18.0#

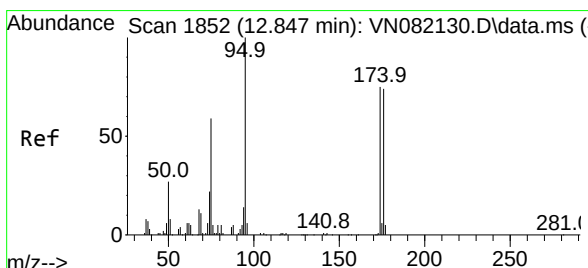
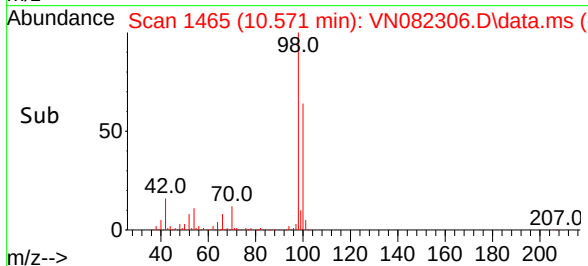
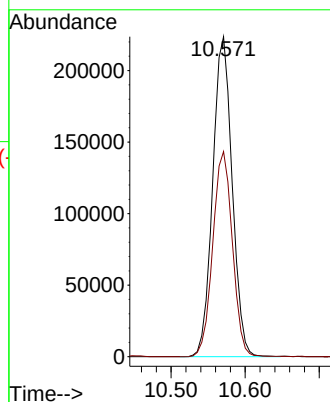
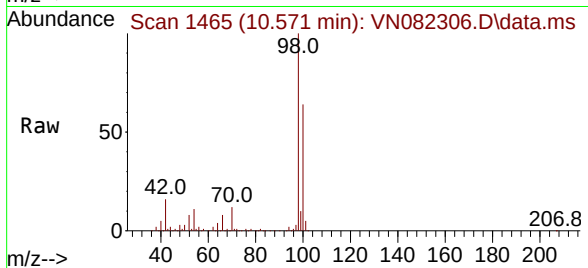




#50
Toluene-d8
Concen: 55.403 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

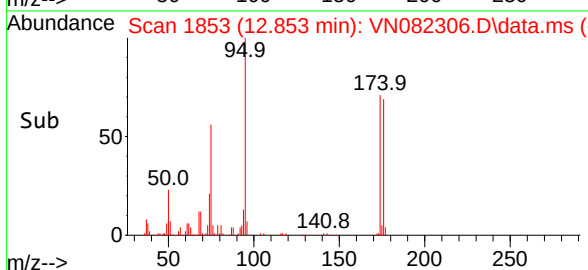
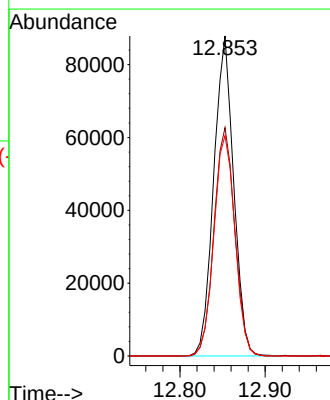
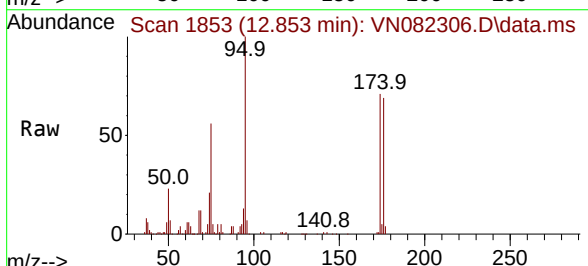
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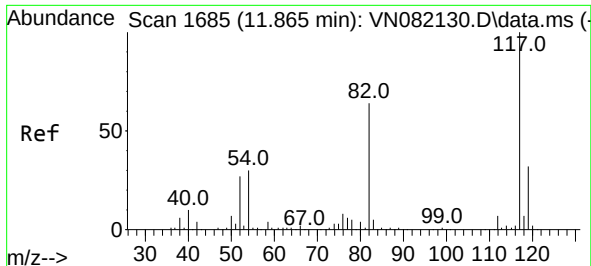
Tgt Ion: 98 Resp: 407396
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.392 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

Tgt Ion: 95 Resp: 142757
Ion Ratio Lower Upper
95 100
174 74.6 0.0 160.6
176 72.7 0.0 152.8

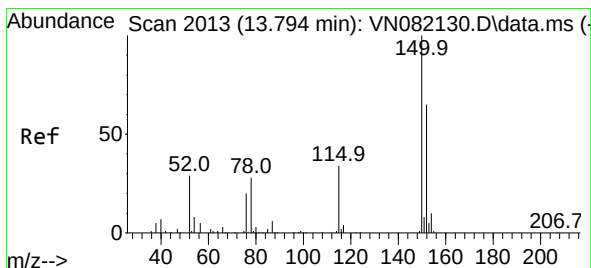
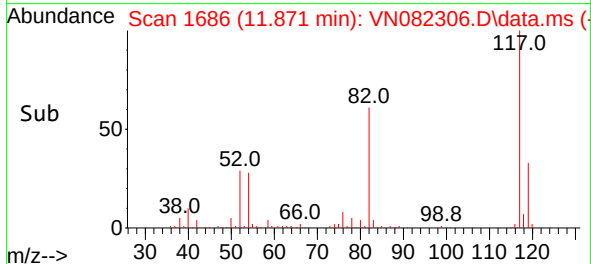
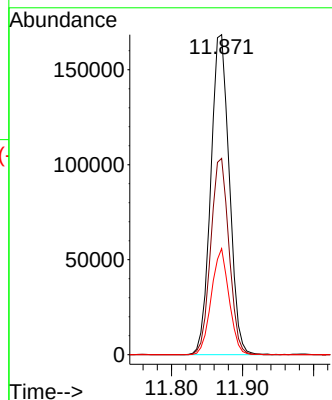
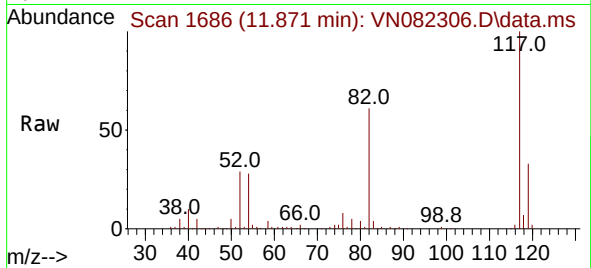




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082306.D
Acq: 22 May 2024 20:42

Instrument :
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Tgt Ion:117 Resp: 304862
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 33.2 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: VN082306.D
Acq: 22 May 2024 20:42

Tgt Ion:152 Resp: 131877
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 156.9 0.0 353.2

