

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082293.D
 Acq On : 22 May 2024 15:25
 Operator : JC\MD
 Sample : PB161037ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#06

Quant Time: May 23 02:07:56 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)

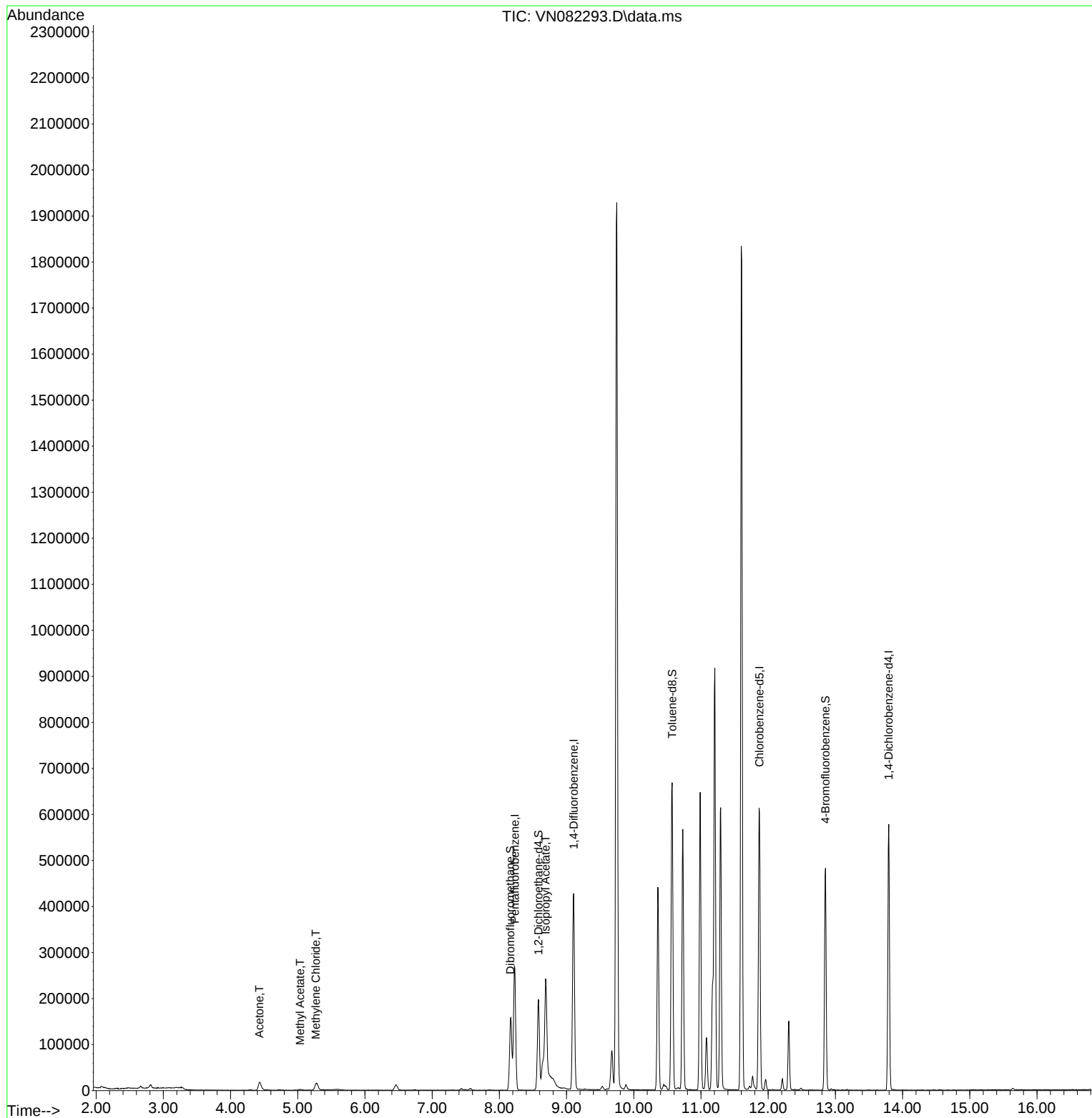
Internal Standards						
1) Pentafluorobenzene	8.229	168	187510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	328308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159587	53.899	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.800%		
35) Dibromofluoromethane	8.165	113	109973	52.345	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.680%		
50) Toluene-d8	10.571	98	439724	54.591	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.180%		
62) 4-Bromofluorobenzene	12.853	95	155898	54.226	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 108.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	35006	28.821	ug/l #	86
18) Methyl Acetate	5.036	43	3616	1.195	ug/l #	61
20) Methylene Chloride	5.271	84	11153	4.551	ug/l #	84
43) Isopropyl Acetate	8.688	43	408437	58.454	ug/l #	70

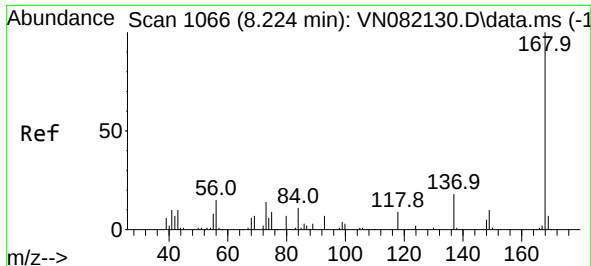
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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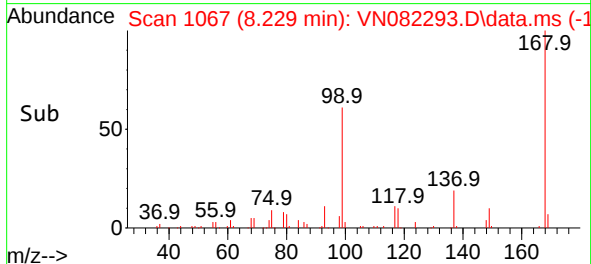
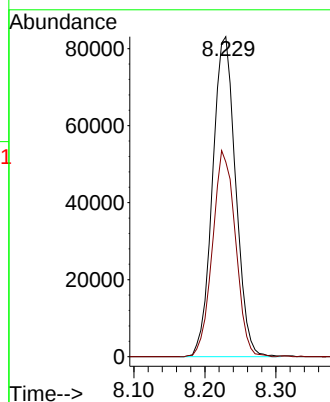
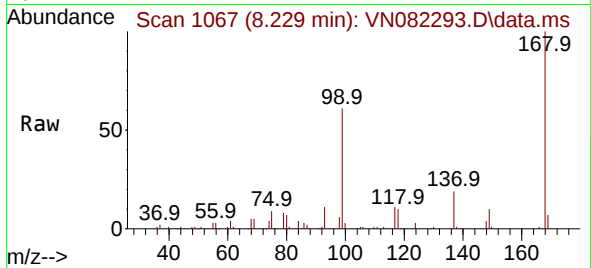




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082293.D
Acq: 22 May 2024 15:25

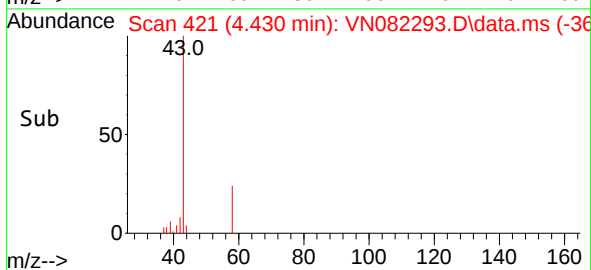
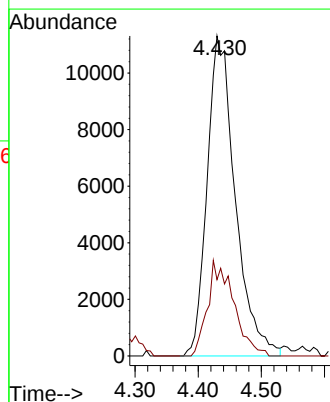
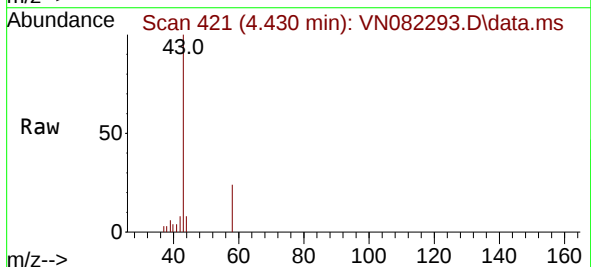
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#06

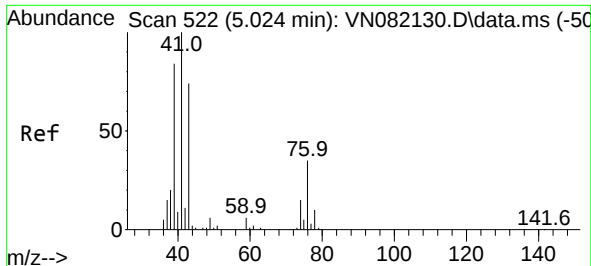
Tgt Ion:168 Resp: 187510
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#16
Acetone
Concen: 28.821 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082293.D
Acq: 22 May 2024 15:25

Tgt Ion: 43 Resp: 35006
Ion Ratio Lower Upper
43 100
58 23.8 25.2 37.8#





#18

Methyl Acetate

Concen: 1.195 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN082293.D

Acq: 22 May 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

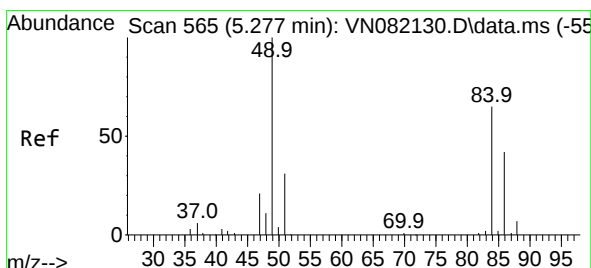
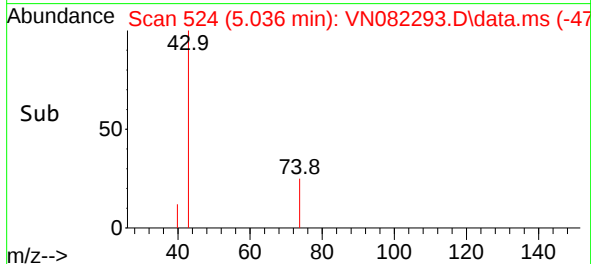
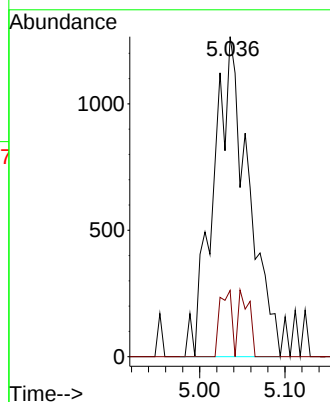
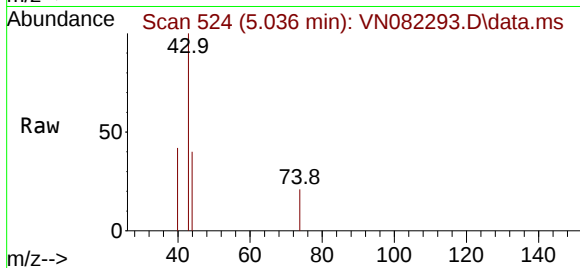
PB161037ZHE#06

Tgt Ion: 43 Resp: 3616

Ion Ratio Lower Upper

43 100

74 7.0 22.2 33.2#



#20

Methylene Chloride

Concen: 4.551 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082293.D

Acq: 22 May 2024 15:25

Tgt Ion: 84 Resp: 11153

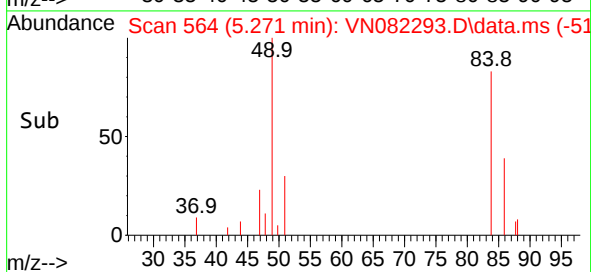
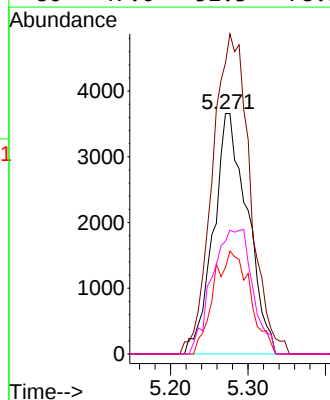
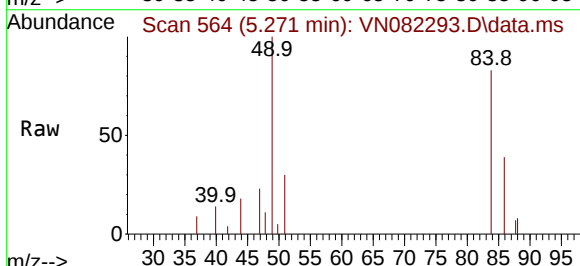
Ion Ratio Lower Upper

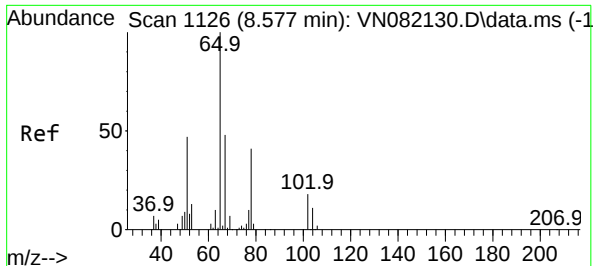
84 100

49 121.0 84.9 127.3

51 36.0 27.0 40.6

86 47.0 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 53.899 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082293.D

Acq: 22 May 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

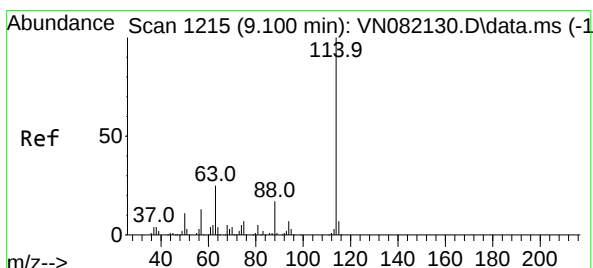
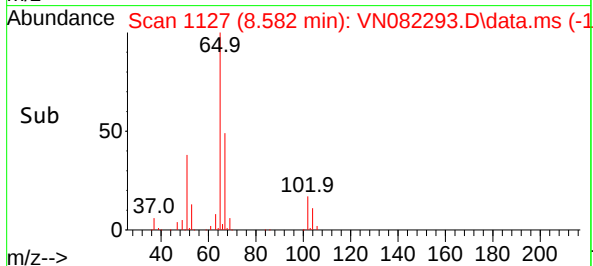
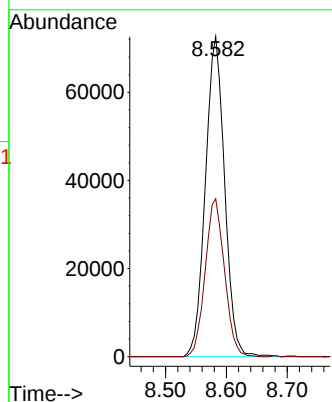
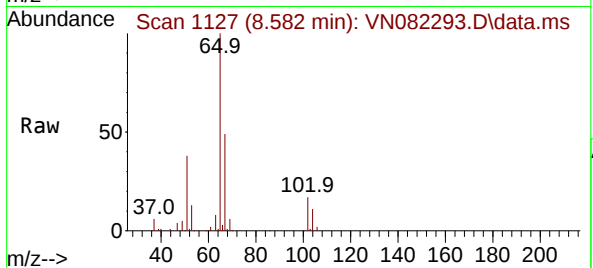
PB161037ZHE#06

Tgt Ion: 65 Resp: 159587

Ion Ratio Lower Upper

65 100

67 49.4 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: VN082293.D

Acq: 22 May 2024 15:25

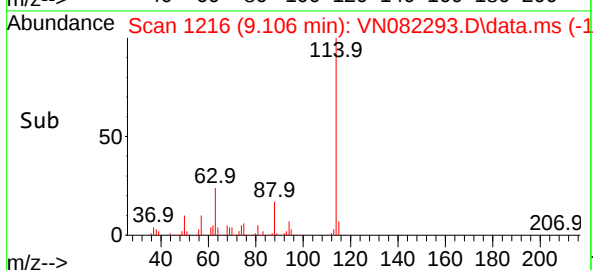
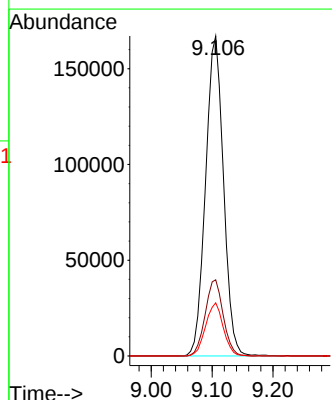
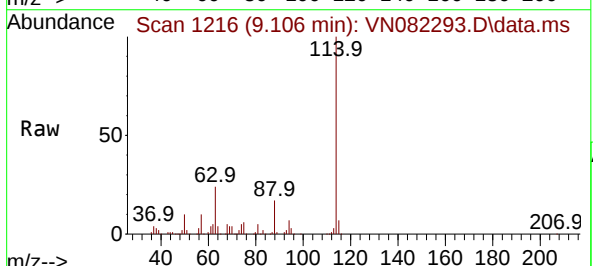
Tgt Ion: 114 Resp: 341530

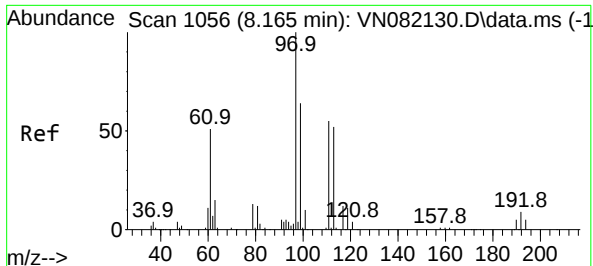
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.345 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN082293.D

Acq: 22 May 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#06

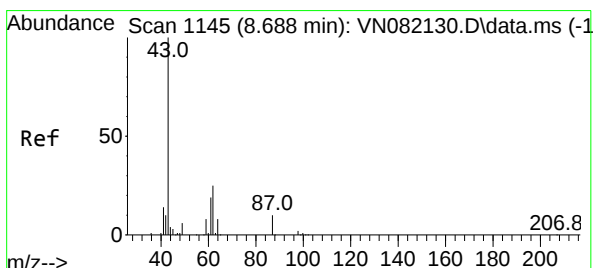
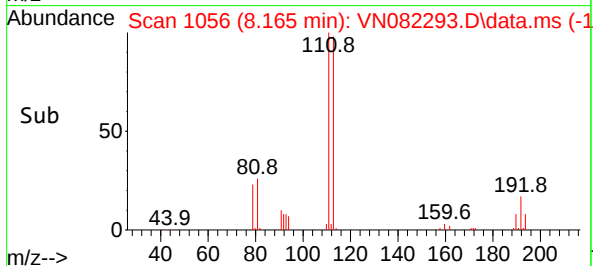
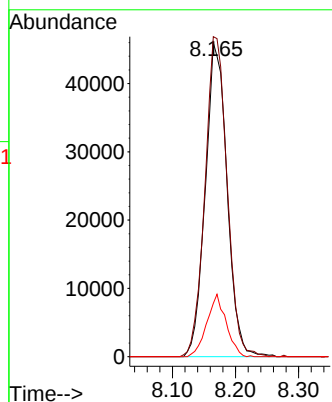
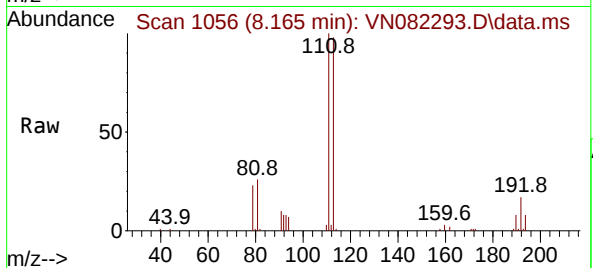
Tgt Ion:113 Resp: 109973

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 17.7 14.0 21.0



#43

Isopropyl Acetate

Concen: 58.454 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082293.D

Acq: 22 May 2024 15:25

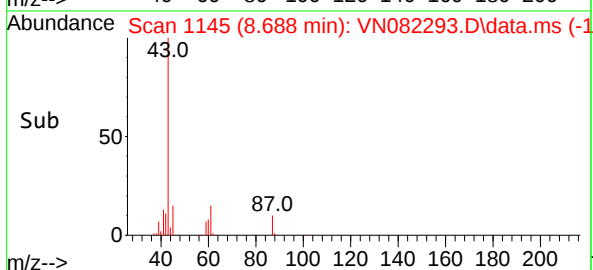
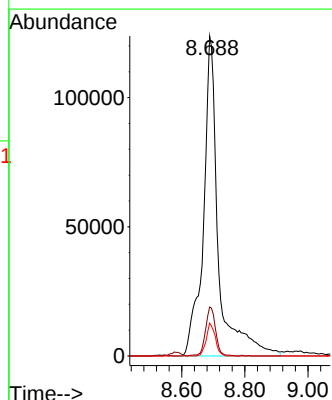
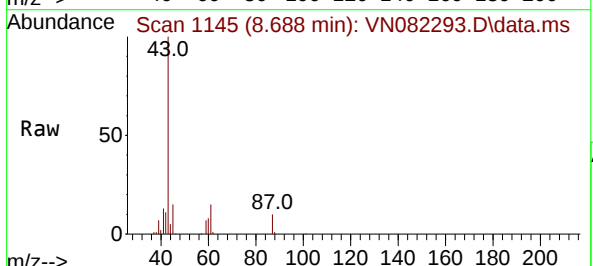
Tgt Ion: 43 Resp: 408437

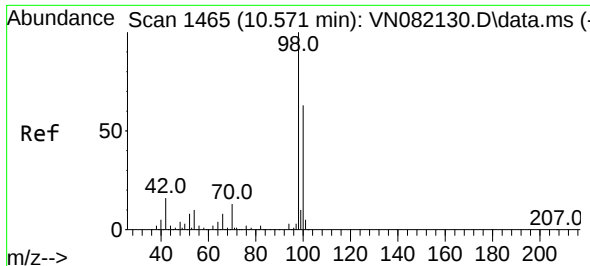
Ion Ratio Lower Upper

43 100

61 10.3 22.8 34.2#

87 6.2 12.0 18.0#

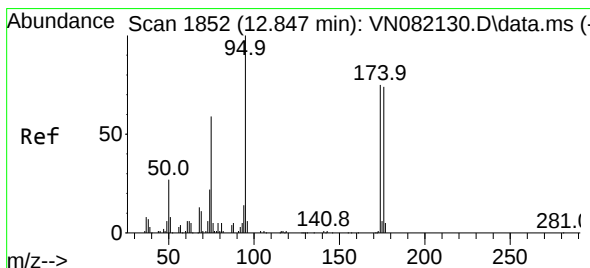
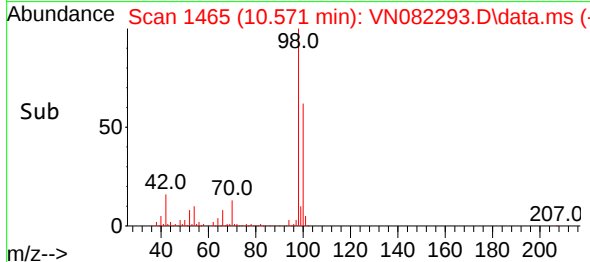
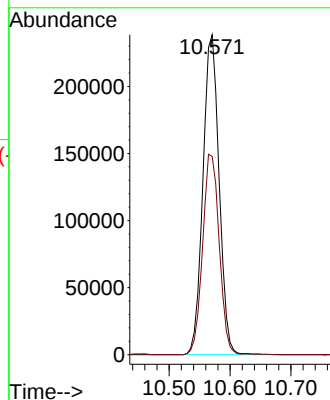
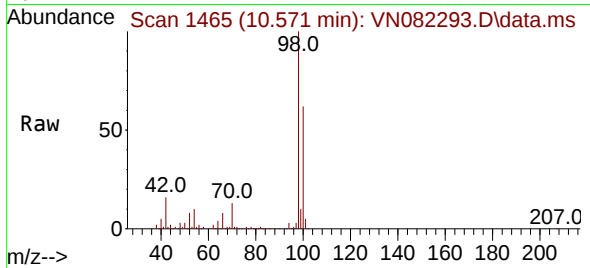




#50
Toluene-d8
Concen: 54.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082293.D
Acq: 22 May 2024 15:25

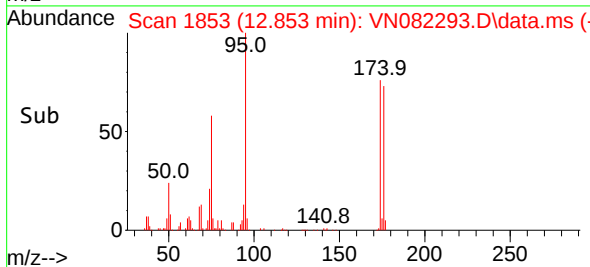
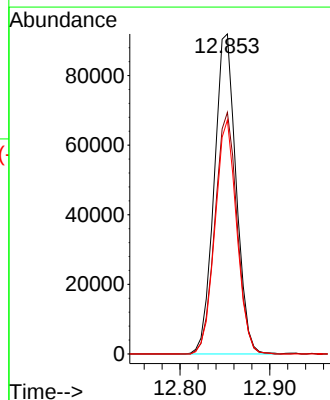
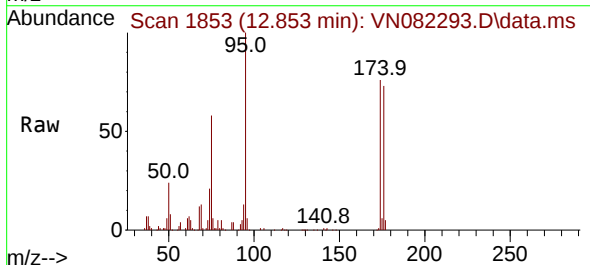
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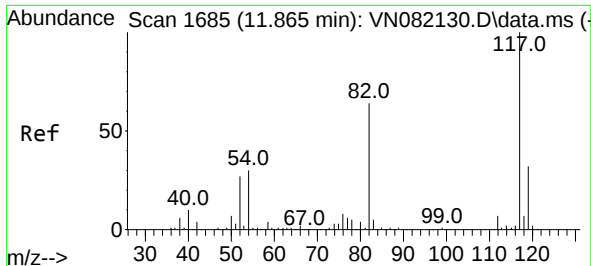
Tgt Ion: 98 Resp: 439724
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082293.D
Acq: 22 May 2024 15:25

Tgt Ion: 95 Resp: 155898
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 72.2 0.0 152.8

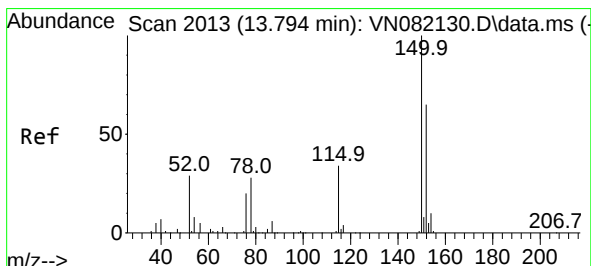
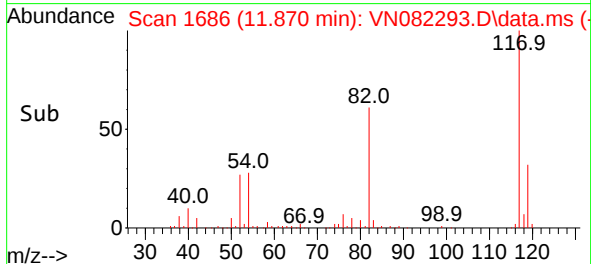
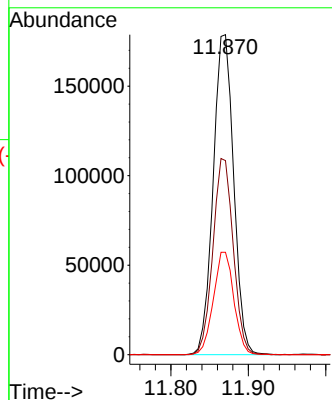
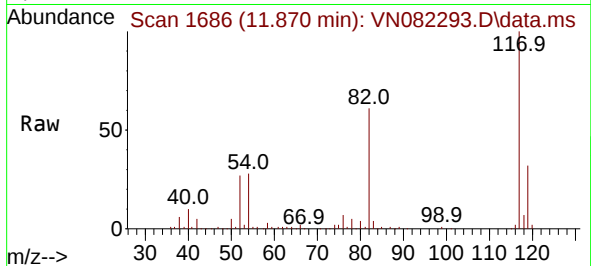




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082293.D
Acq: 22 May 2024 15:25

Instrument :
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Tgt Ion:117 Resp: 328308
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 32.0 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: VN082293.D
Acq: 22 May 2024 15:25

Tgt Ion:152 Resp: 144102
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 154.5 0.0 353.2

