

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082298.D
 Acq On : 22 May 2024 17:27
 Operator : JC\MD
 Sample : PB161037ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#11

Quant Time: May 23 01:55:06 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)

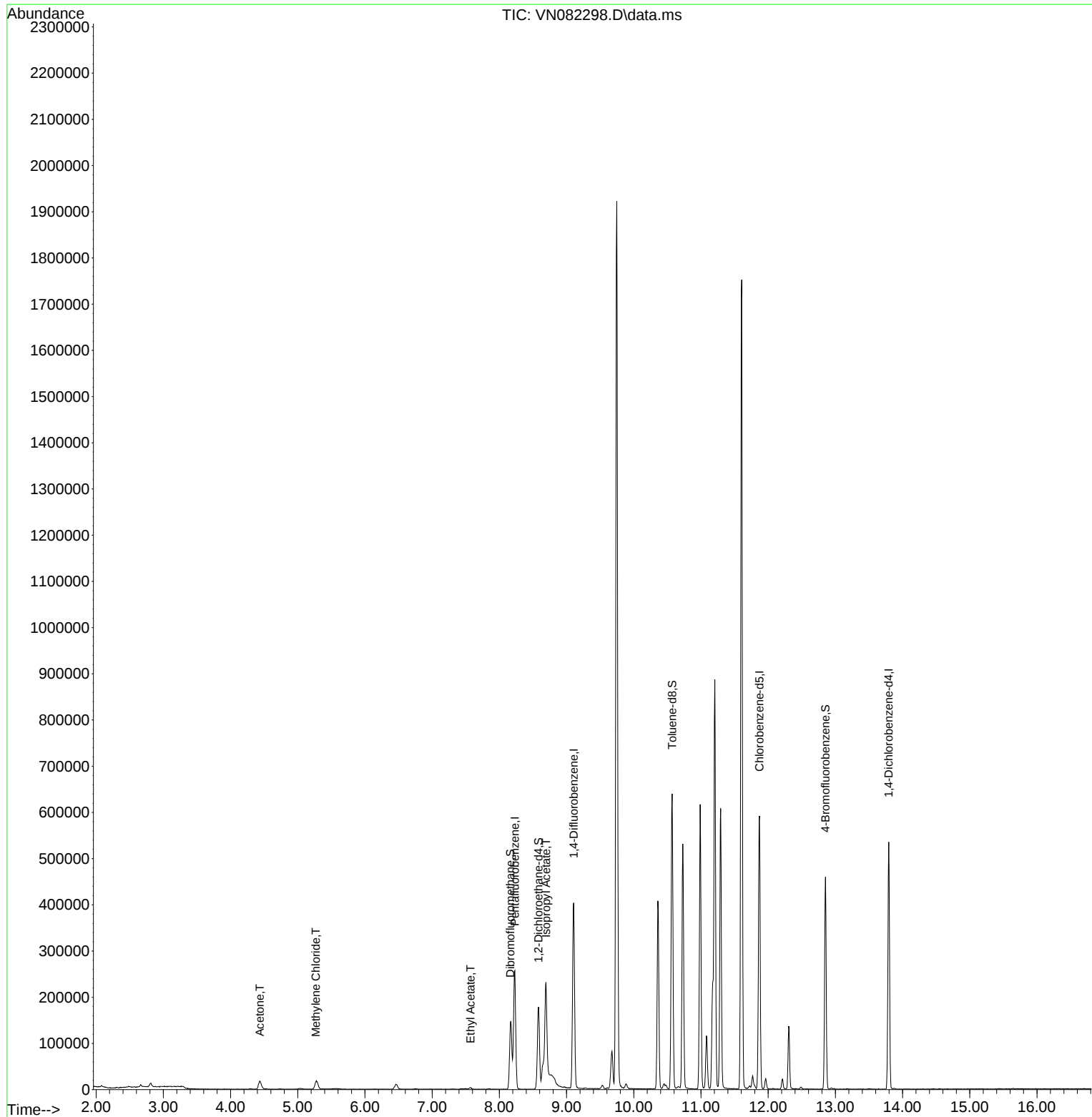
Internal Standards						
1) Pentafluorobenzene	8.230	168	176629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	311417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146644	52.579	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.160%		
35) Dibromofluoromethane	8.165	113	105330	53.736	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.480%		
50) Toluene-d8	10.571	98	411501	54.758	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.520%		
62) 4-Bromofluorobenzene	12.853	95	144118	53.730	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 107.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36778	32.146	ug/l	92
20) Methylene Chloride	5.271	84	12112	5.247	ug/l #	75
37) Ethyl Acetate	7.571	43	5677	1.543	ug/l #	92
43) Isopropyl Acetate	8.694	43	332419	50.992	ug/l #	72

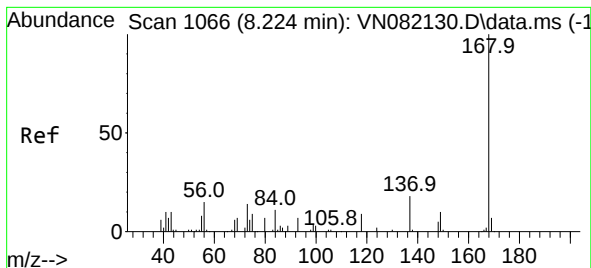
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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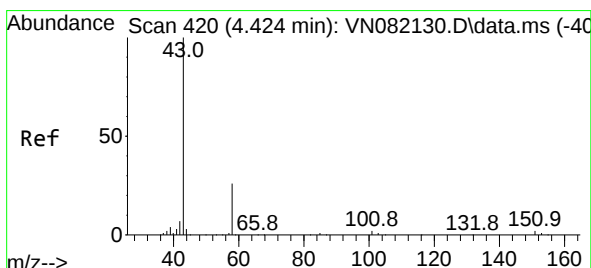
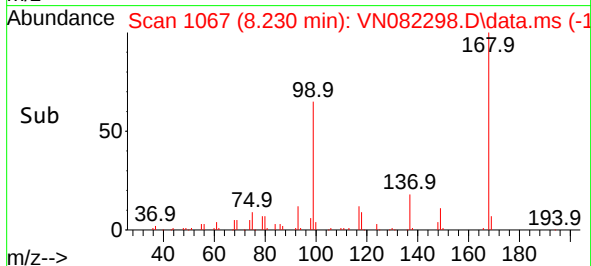
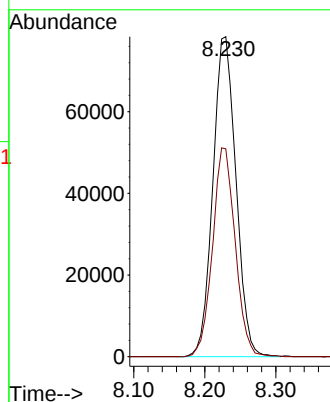
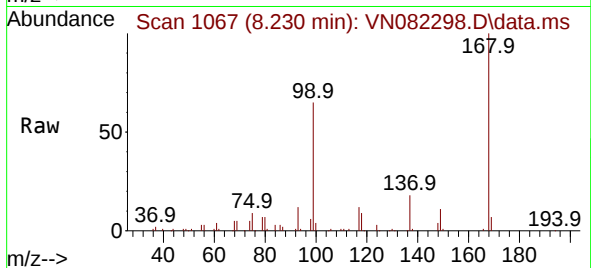




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

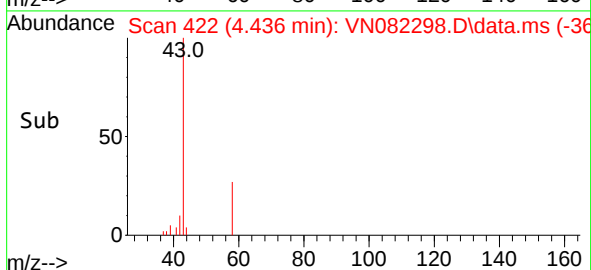
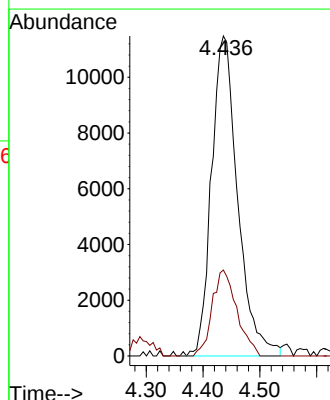
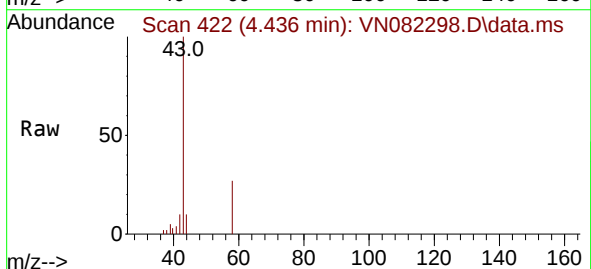
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#11

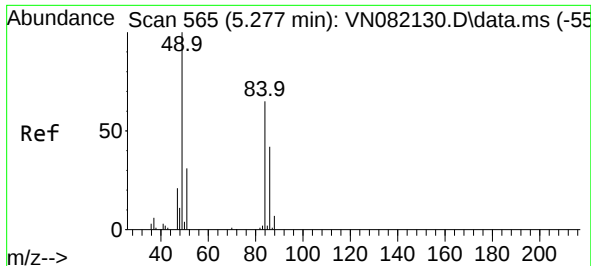
Tgt Ion:168 Resp: 176629
Ion Ratio Lower Upper
168 100
99 64.9 48.2 72.4



#16
Acetone
Concen: 32.146 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

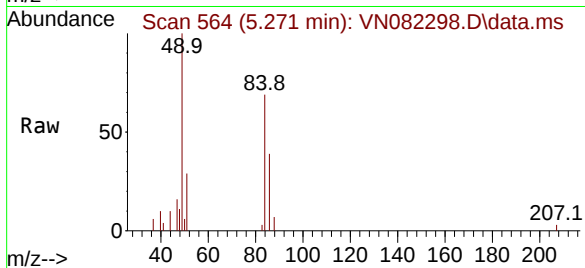
Tgt Ion: 43 Resp: 36778
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8



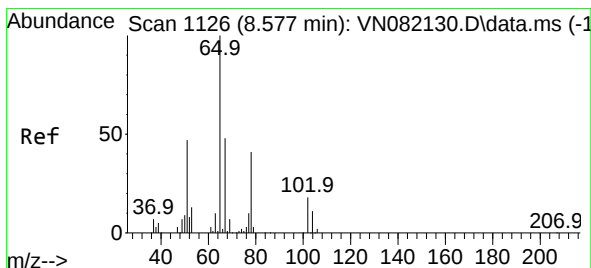
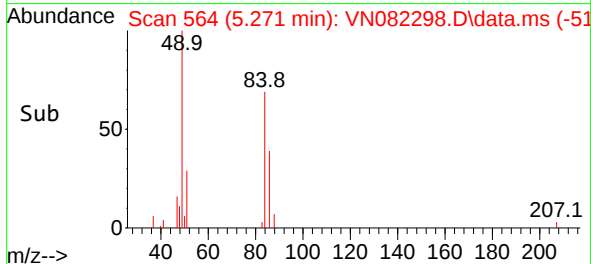
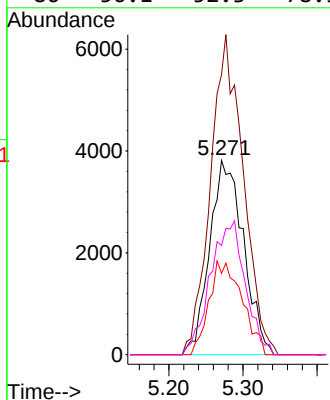


#20
Methylene Chloride
Concen: 5.247 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#11

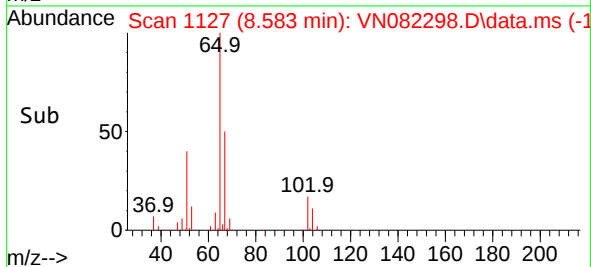
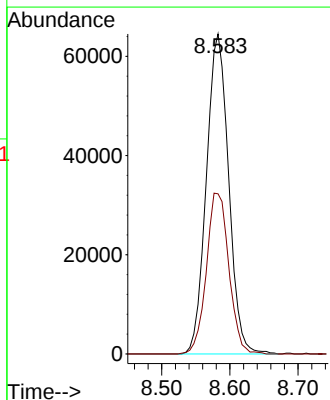
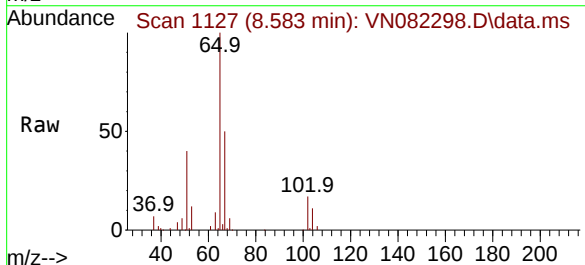


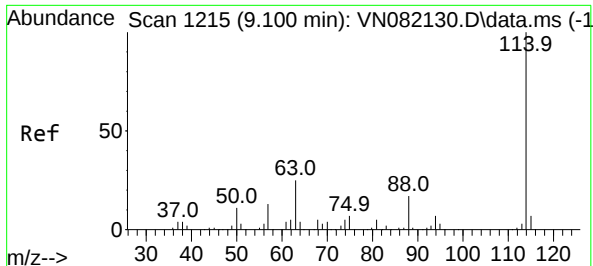
Tgt Ion:	84	Resp:	12112
Ion	Ratio	Lower	Upper
84	100		
49	144.2	84.9	127.3#
51	41.8	27.0	40.6#
86	56.1	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 52.579 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

Tgt Ion:	65	Resp:	146644
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082298.D

Acq: 22 May 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#11

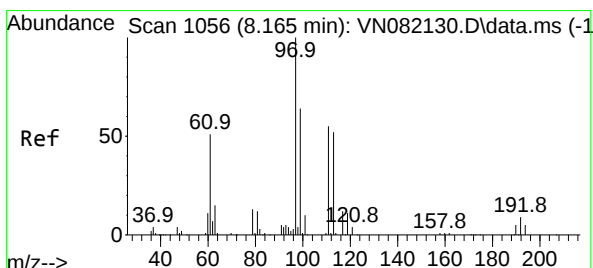
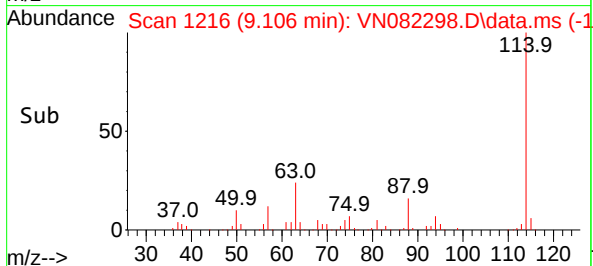
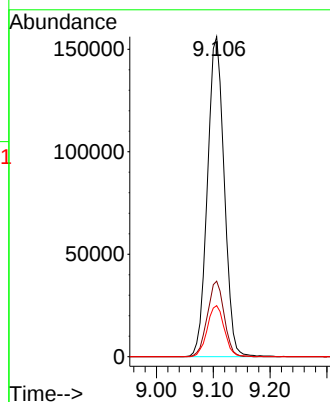
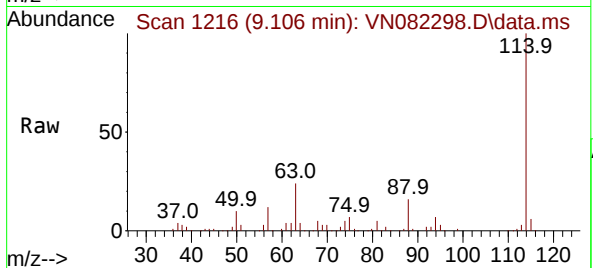
Tgt Ion:114 Resp: 318639

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.736 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082298.D

Acq: 22 May 2024 17:27

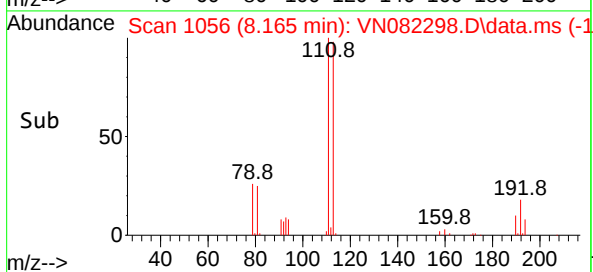
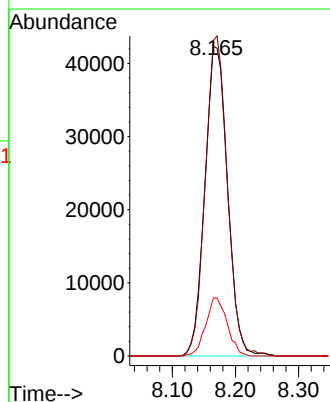
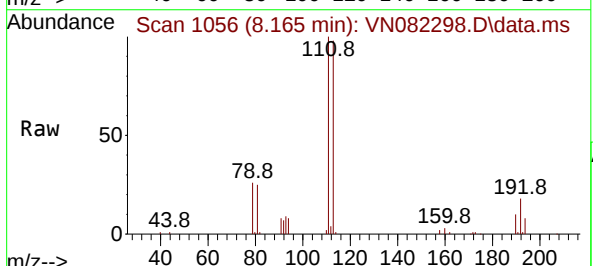
Tgt Ion:113 Resp: 105330

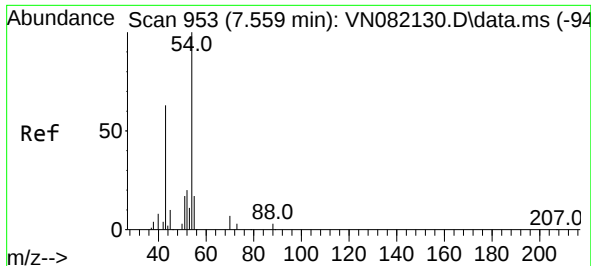
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 17.8 14.0 21.0

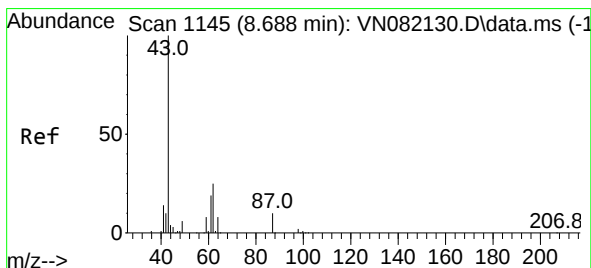
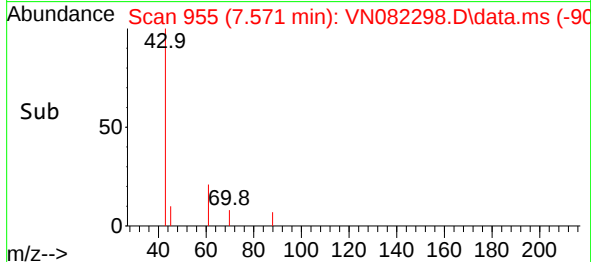
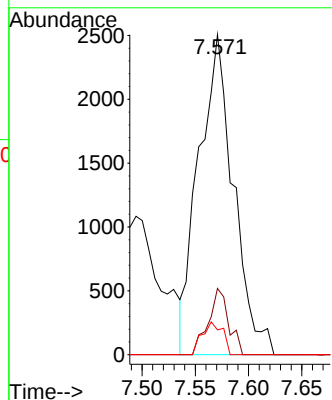
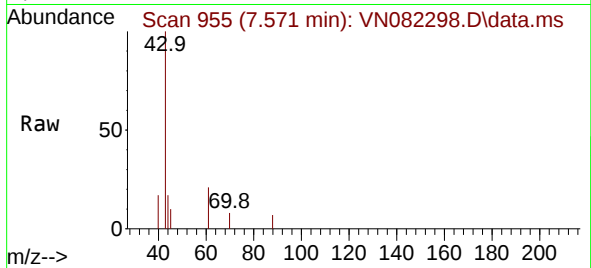




#37
Ethyl Acetate
Concen: 1.543 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

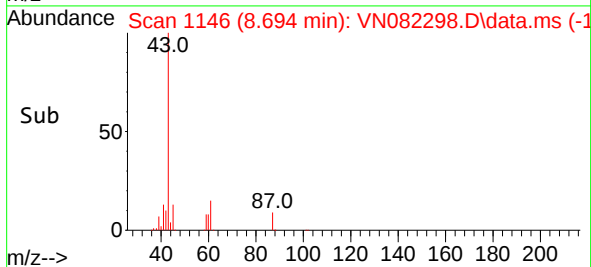
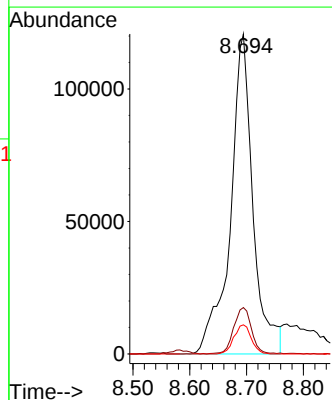
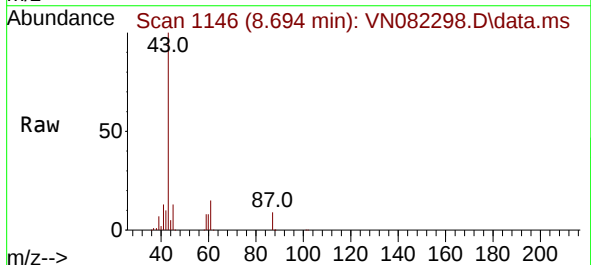
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PB161037ZHE#11

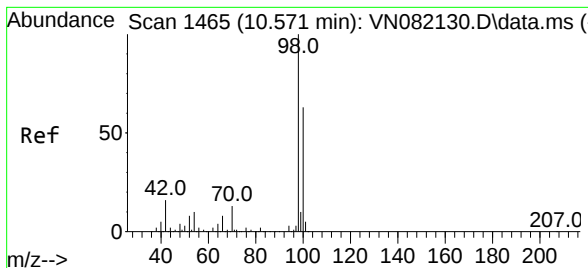
Tgt Ion: 43 Resp: 5677
Ion Ratio Lower Upper
43 100
61 12.1 11.3 16.9
70 6.0 8.7 13.1#



#43
Isopropyl Acetate
Concen: 50.992 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

Tgt Ion: 43 Resp: 332419
Ion Ratio Lower Upper
43 100
61 11.5 22.8 34.2#
87 7.0 12.0 18.0#





#50

Toluene-d8

Concen: 54.758 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082298.D

Acq: 22 May 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

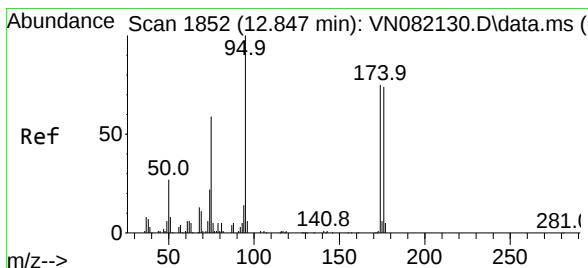
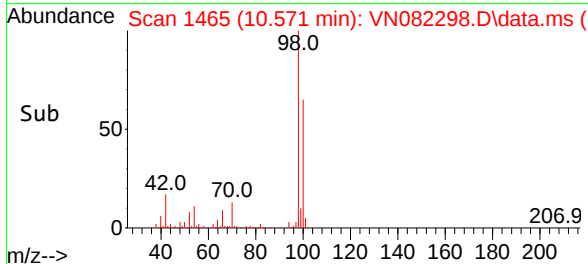
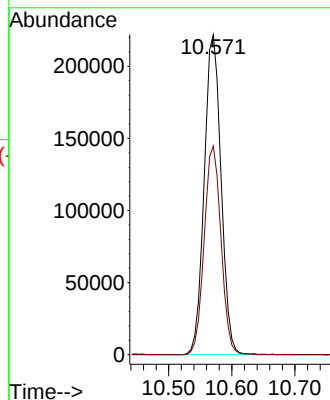
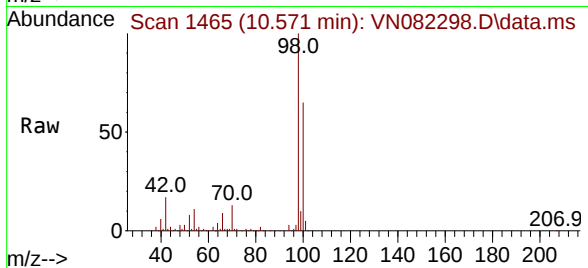
PB161037ZHE#11

Tgt Ion: 98 Resp: 411501

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 53.730 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082298.D

Acq: 22 May 2024 17:27

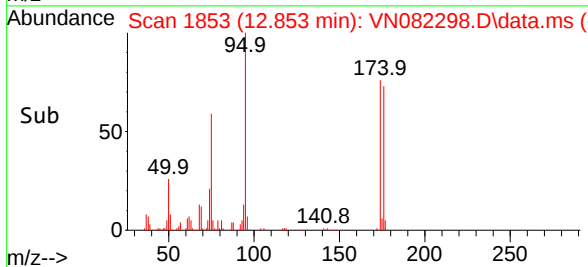
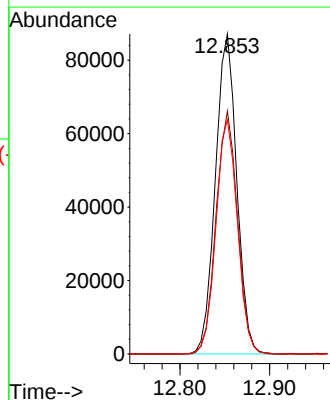
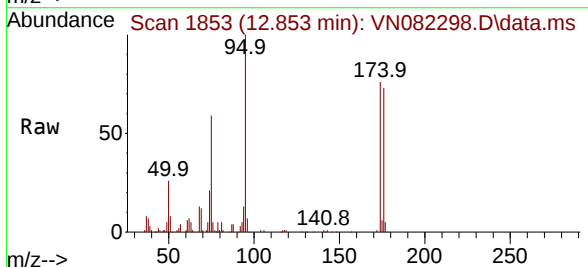
Tgt Ion: 95 Resp: 144118

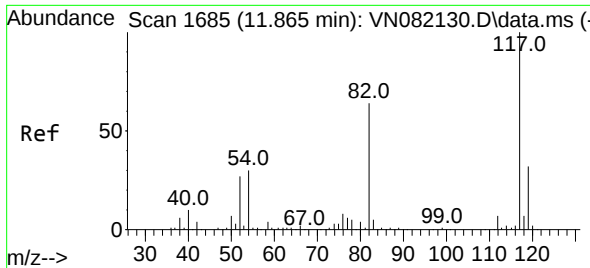
Ion Ratio Lower Upper

95 100

174 76.2 0.0 160.6

176 73.5 0.0 152.8

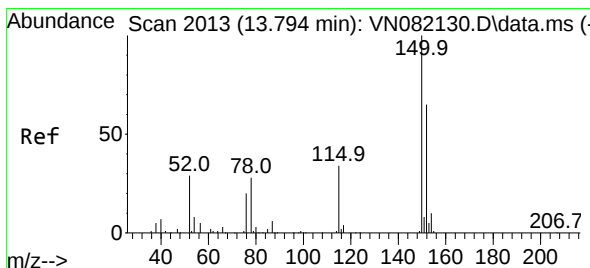
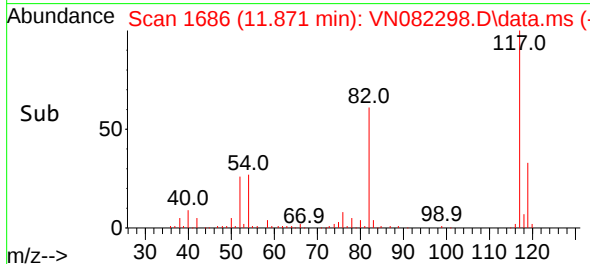
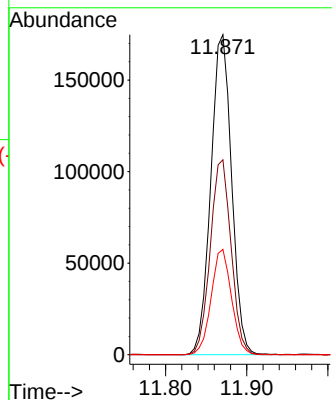
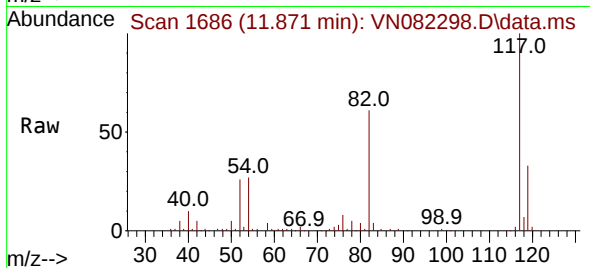




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082298.D
Acq: 22 May 2024 17:27

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Tgt Ion:117 Resp: 311417
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 32.9 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: VN082298.D
Acq: 22 May 2024 17:27

Tgt Ion:152 Resp: 132953
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.6 0.0 353.2

