

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082300.D
 Acq On : 22 May 2024 18:15
 Operator : JC\MD
 Sample : PB161037ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#13

Quant Time: May 23 01:55:58 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)

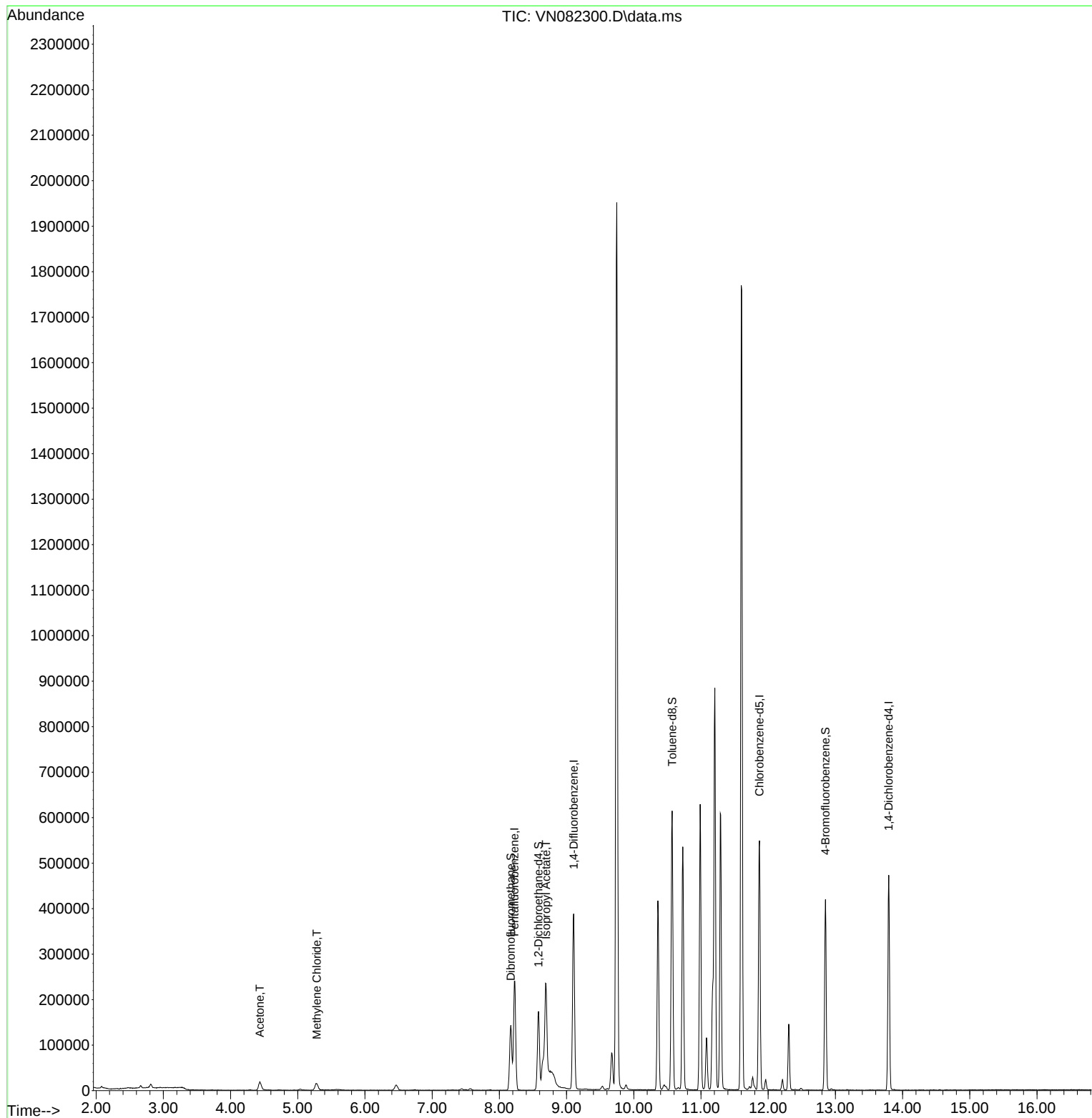
Internal Standards						
1) Pentafluorobenzene	8.224	168	168201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142599	53.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	8.171	113	97965	52.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.240%	
50) Toluene-d8	10.571	98	388999	53.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.853	95	135367	52.625	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.240%	
Target Compounds						Qvalue
16) Acetone	4.436	43	35622	32.695	ug/l	94
20) Methylene Chloride	5.283	84	11009	5.008	ug/l #	81
43) Isopropyl Acetate	8.694	43	354474	56.700	ug/l #	71

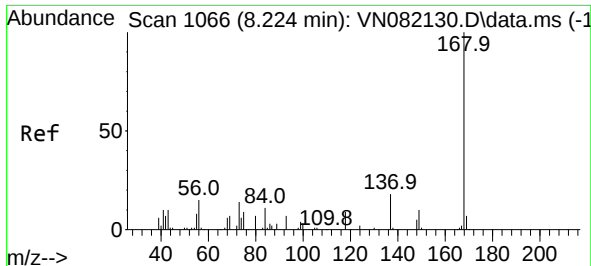
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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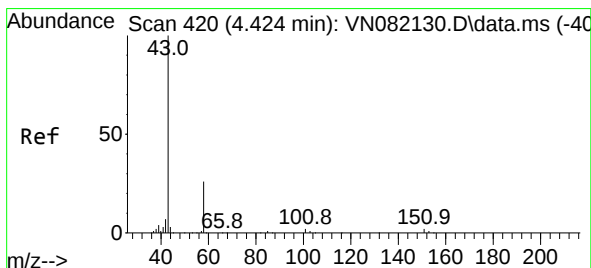
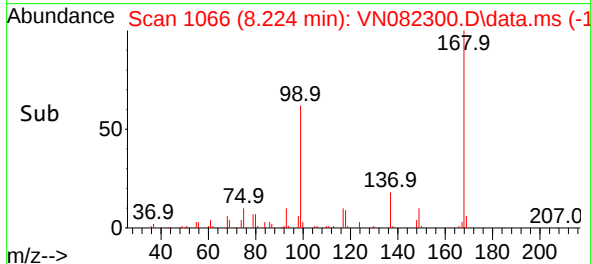
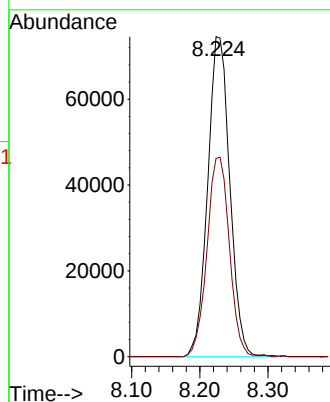
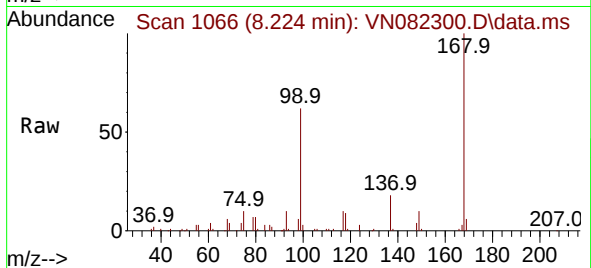




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

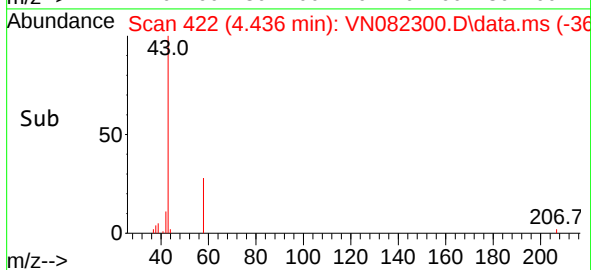
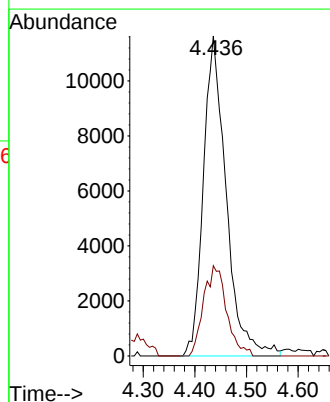
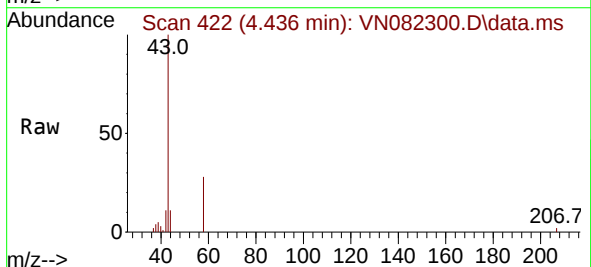
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#13

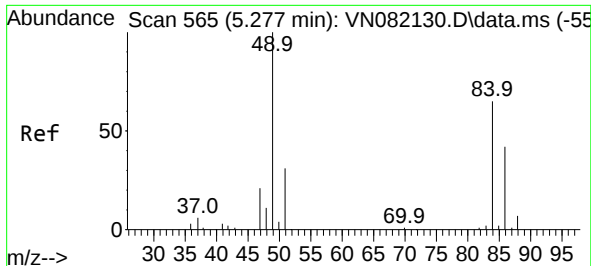
Tgt Ion:168 Resp: 168201
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#16
Acetone
Concen: 32.695 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

Tgt Ion: 43 Resp: 35622
Ion Ratio Lower Upper
43 100
58 28.2 25.2 37.8

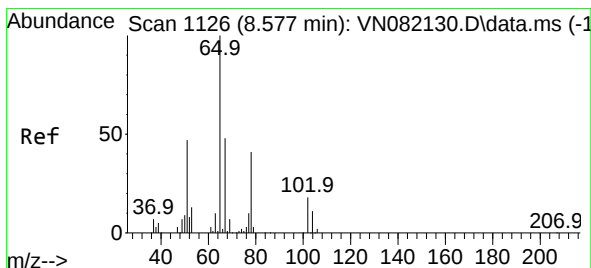
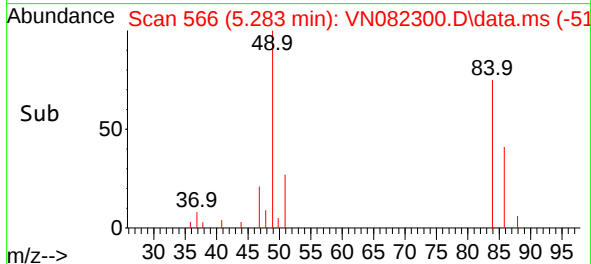
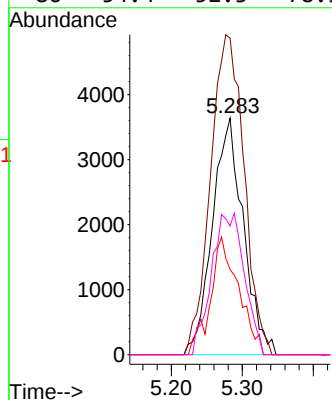
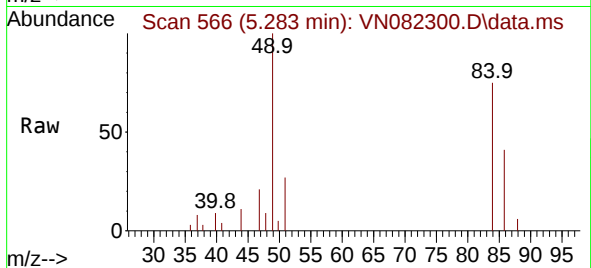




#20
Methylene Chloride
Concen: 5.008 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

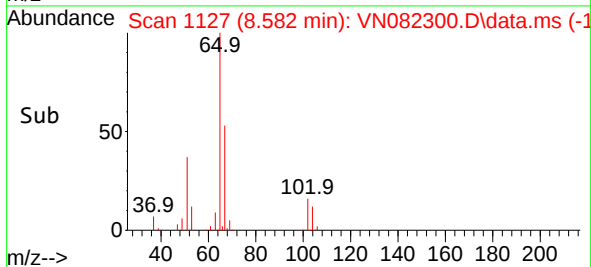
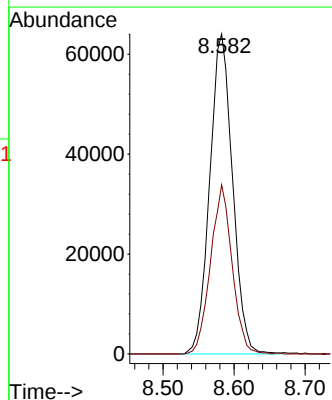
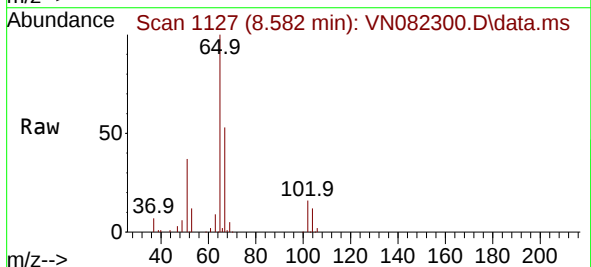
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#13

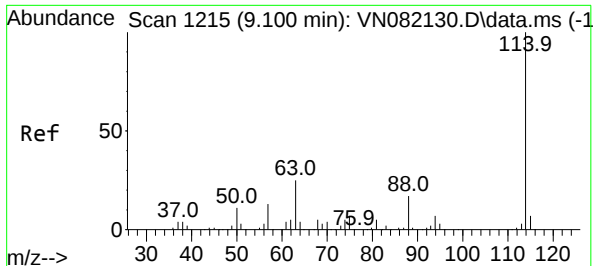
Tgt Ion:	84	Resp:	11009
Ion	Ratio	Lower	Upper
84	100		
49	133.7	84.9	127.3#
51	36.0	27.0	40.6
86	54.4	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.691 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

Tgt Ion:	65	Resp:	142599
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082300.D

Acq: 22 May 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#13

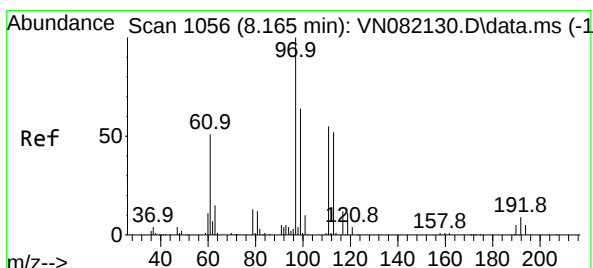
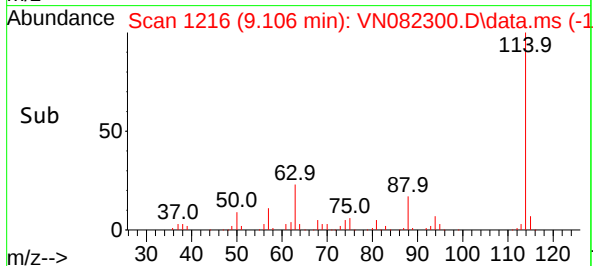
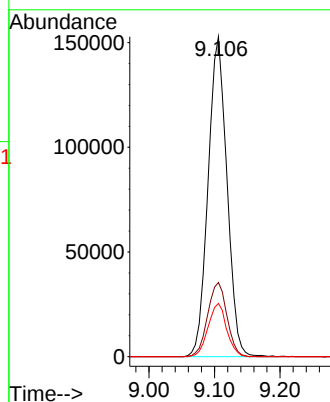
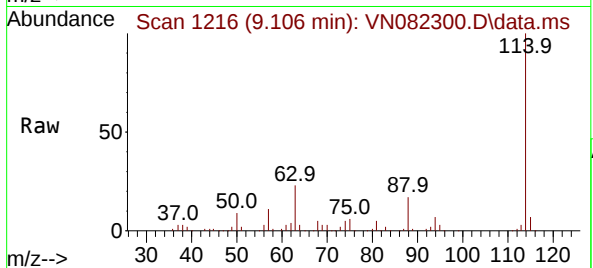
Tgt Ion:114 Resp: 305576

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.116 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082300.D

Acq: 22 May 2024 18:15

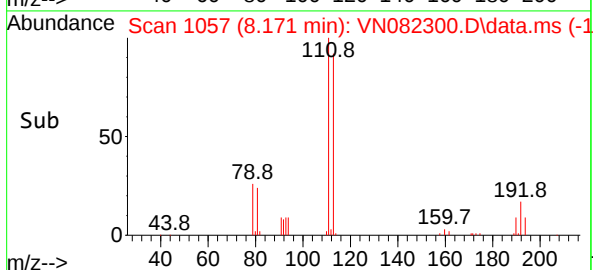
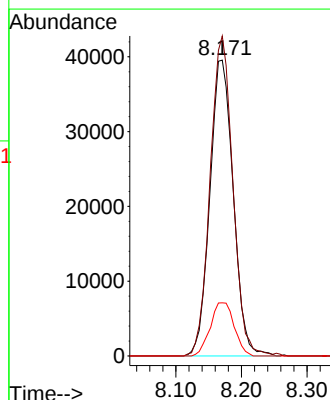
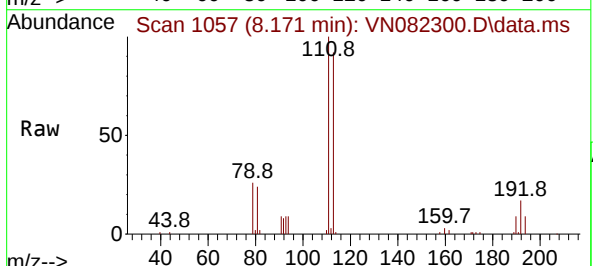
Tgt Ion:113 Resp: 97965

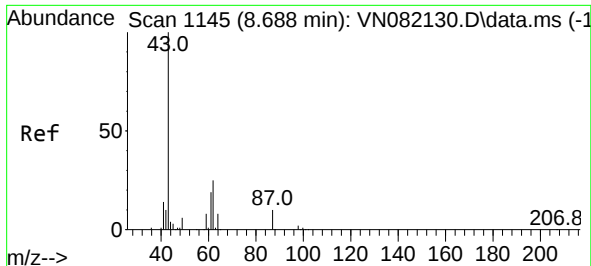
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 18.4 14.0 21.0

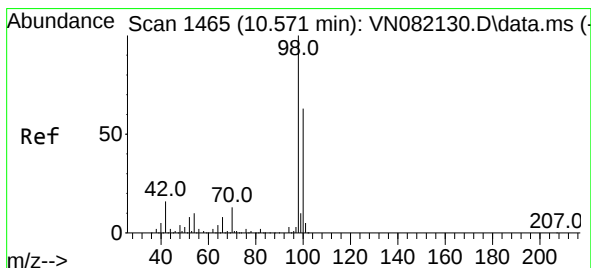
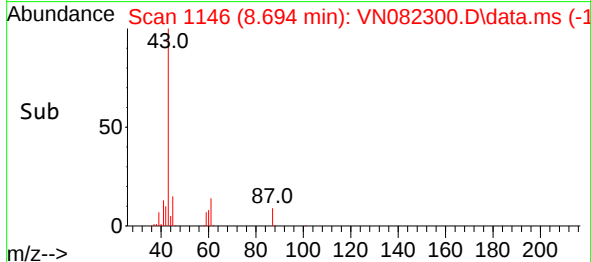
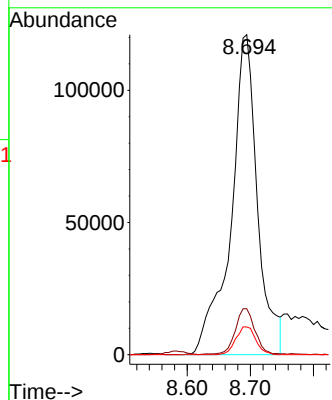
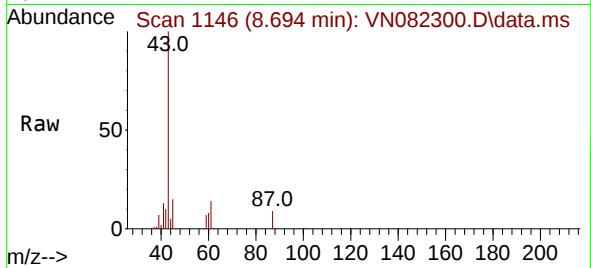




#43
Isopropyl Acetate
Concen: 56.700 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

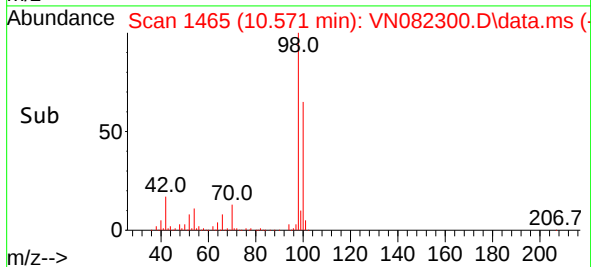
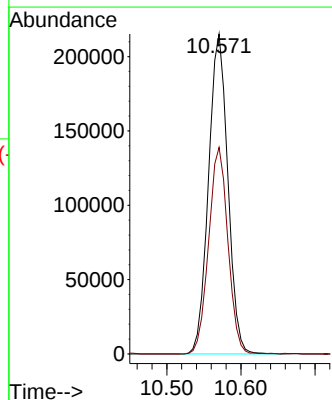
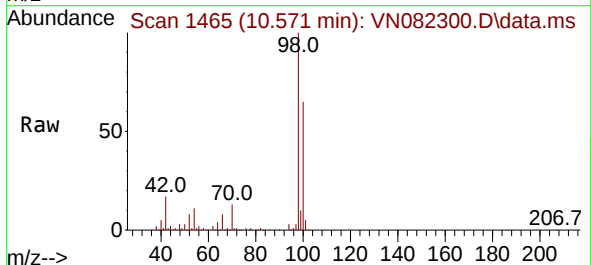
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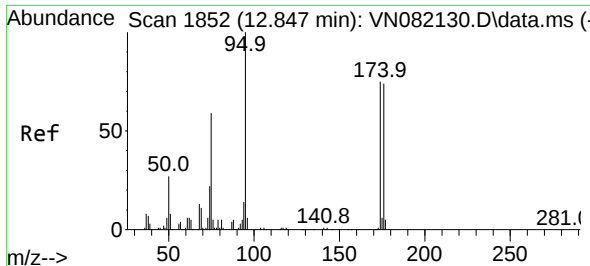
Tgt Ion: 43 Resp: 354474
Ion Ratio Lower Upper
43 100
61 10.8 22.8 34.2#
87 6.5 12.0 18.0#



#50
Toluene-d8
Concen: 53.976 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

Tgt Ion: 98 Resp: 388999
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

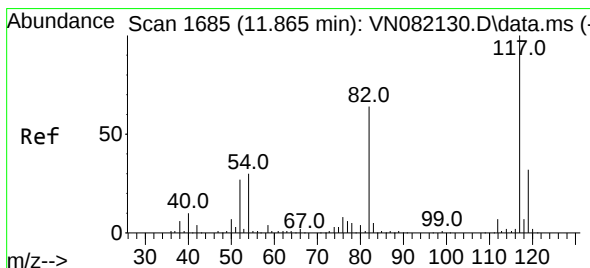
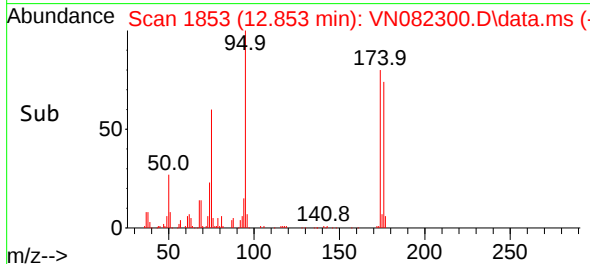
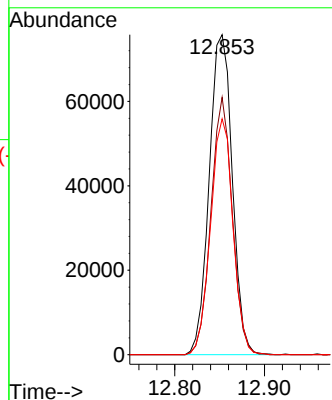
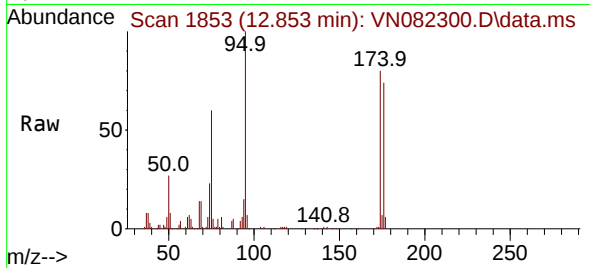




#62
4-Bromofluorobenzene
Concen: 52.625 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

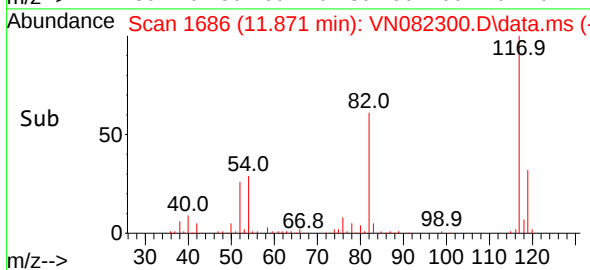
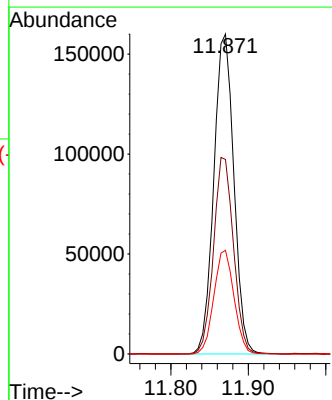
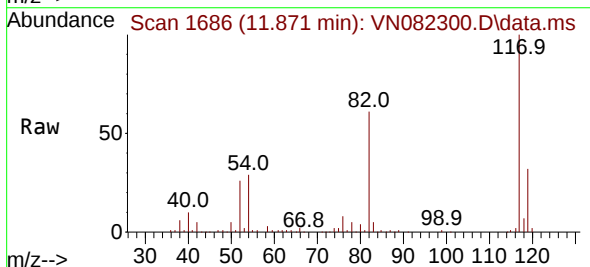
Instrument :
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ClientSampleId :
PB161037ZHE#13

Tgt Ion: 95 Resp: 135367
Ion Ratio Lower Upper
95 100
174 74.5 0.0 160.6
176 71.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082300.D
Acq: 22 May 2024 18:15

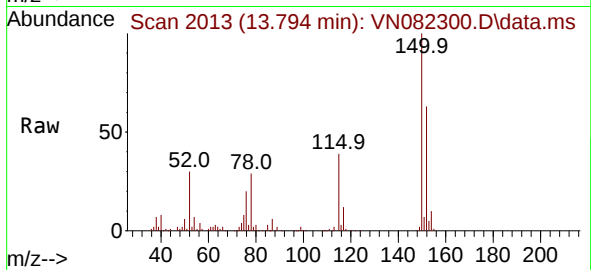
Tgt Ion: 117 Resp: 287566
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082300.D
 Acq: 22 May 2024 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#13



Tgt Ion:152 Resp: 115906
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.4 91.3
 150 158.2 0.0 353.2

