

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082304.D
 Acq On : 22 May 2024 19:53
 Operator : JC\MD
 Sample : PB161037ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#17

Quant Time: May 23 01:57:41 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)

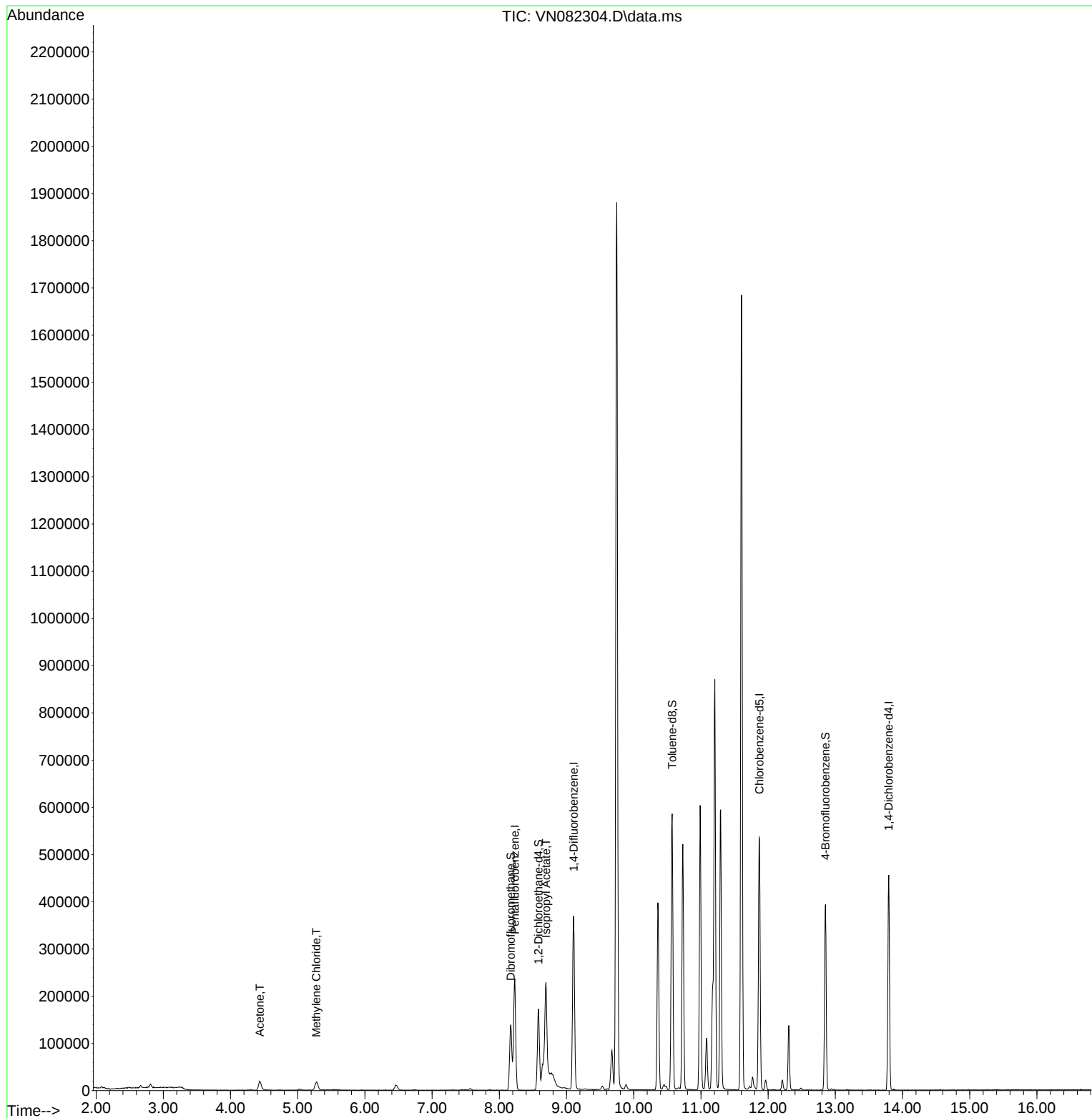
Internal Standards						
1) Pentafluorobenzene	8.230	168	158758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	282296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138453	55.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.460%	
35) Dibromofluoromethane	8.171	113	96300	52.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.780%	
50) Toluene-d8	10.571	98	382575	54.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.853	95	126139	50.627	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.260%	
Target Compounds						Qvalue
16) Acetone	4.436	43	36542	35.535	ug/l	90
20) Methylene Chloride	5.277	84	12493	6.021	ug/l #	65
43) Isopropyl Acetate	8.694	43	332577	54.922	ug/l #	72

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

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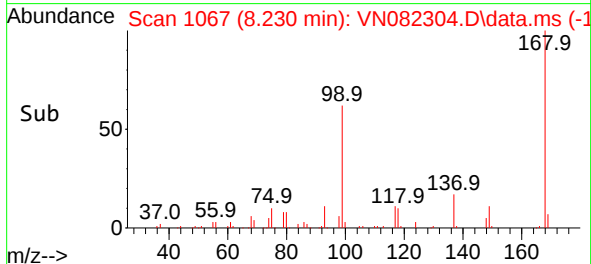
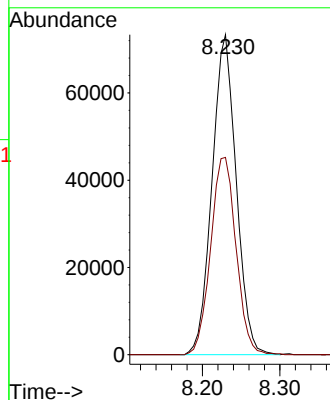
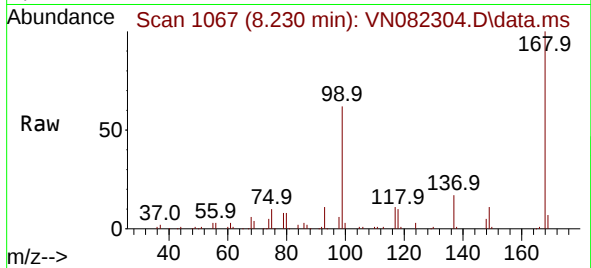




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

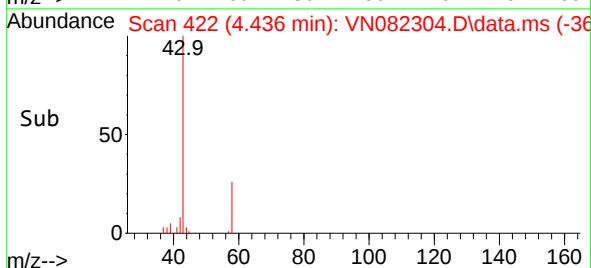
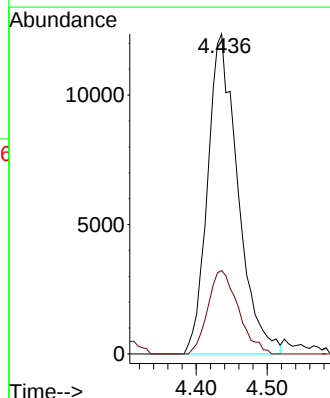
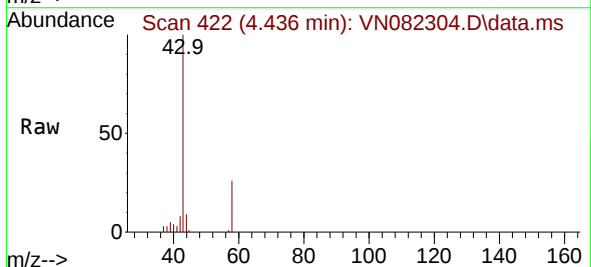
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#17

Tgt Ion:168 Resp: 158758
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#16
Acetone
Concen: 35.535 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

Tgt Ion: 43 Resp: 36542
Ion Ratio Lower Upper
43 100
58 26.0 25.2 37.8

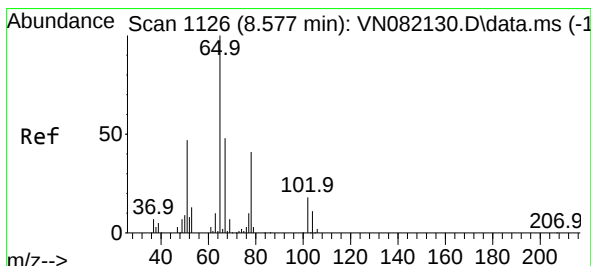
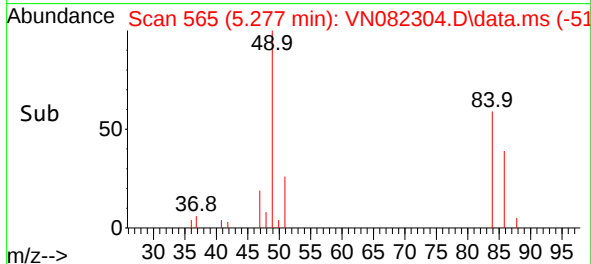
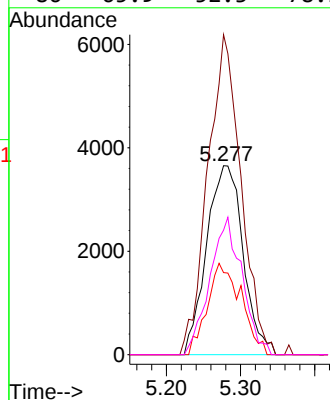
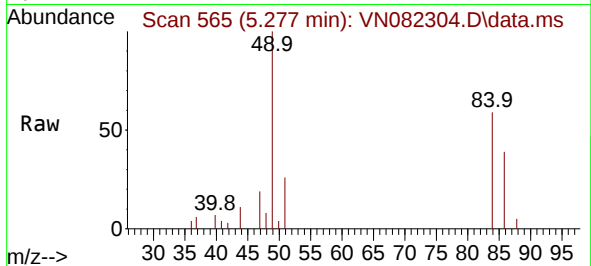




#20
Methylene Chloride
Concen: 6.021 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

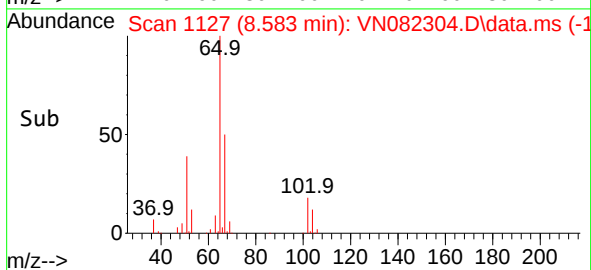
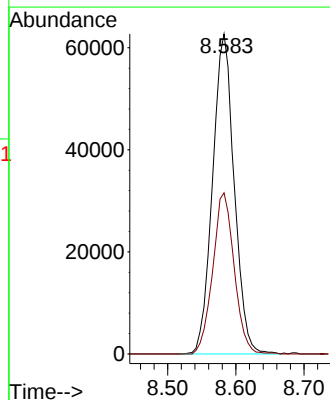
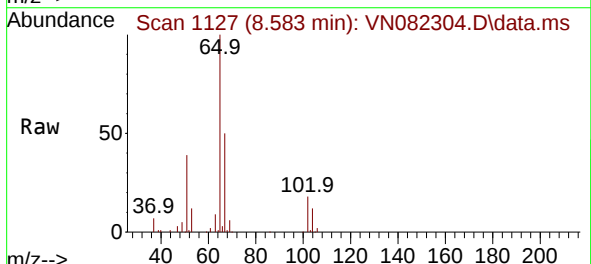
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#17

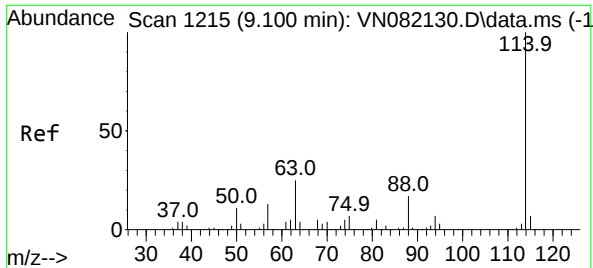
Tgt Ion:	84	Resp:	12493
Ion	Ratio	Lower	Upper
84	100		
49	169.4	84.9	127.3#
51	43.4	27.0	40.6#
86	65.9	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 55.230 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

Tgt Ion:	65	Resp:	138453
Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VN082304.D

Acq: 22 May 2024 19:53

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#17

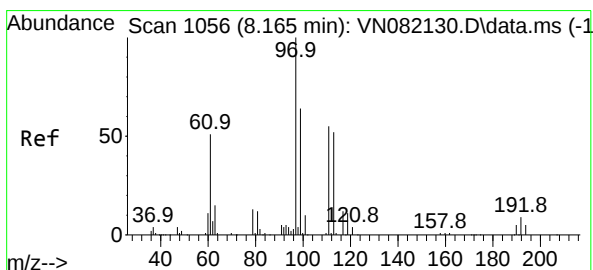
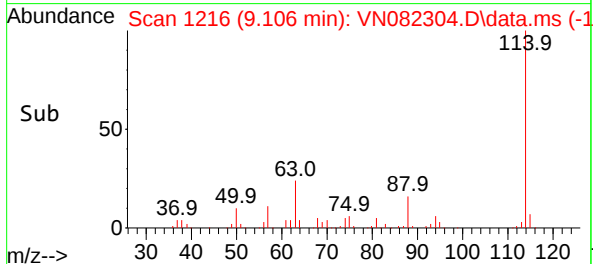
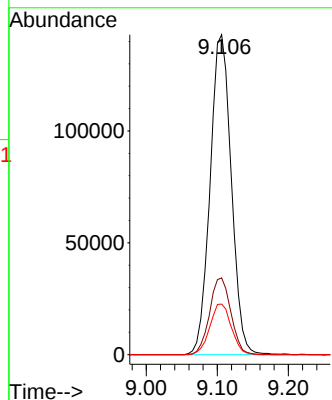
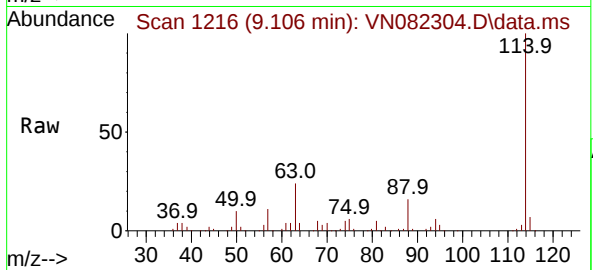
Tgt Ion:114 Resp: 295980

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.891 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082304.D

Acq: 22 May 2024 19:53

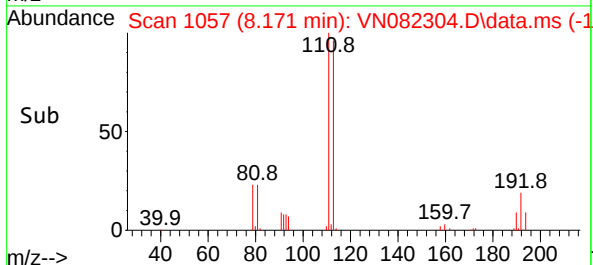
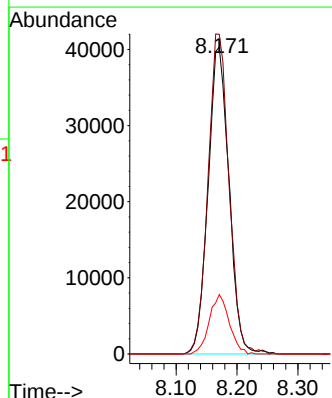
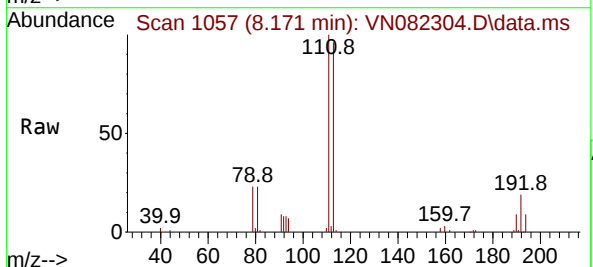
Tgt Ion:113 Resp: 96300

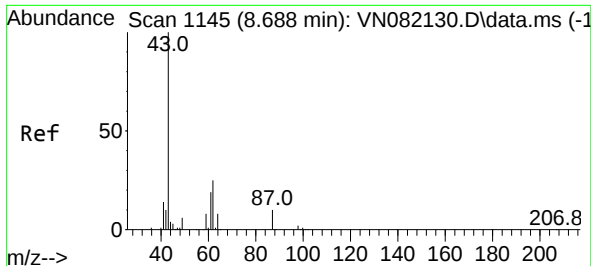
Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

192 18.4 14.0 21.0

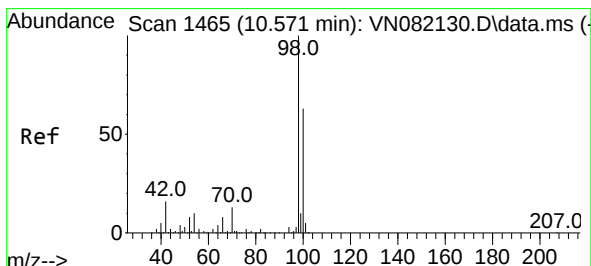
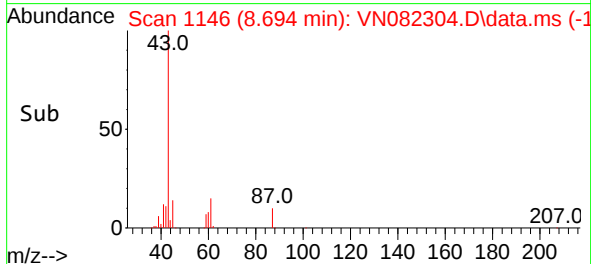
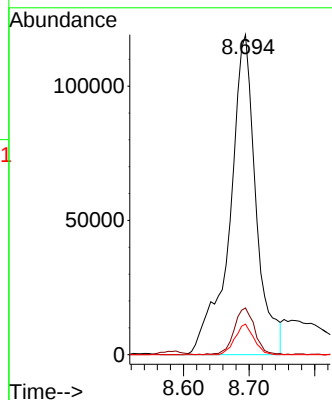
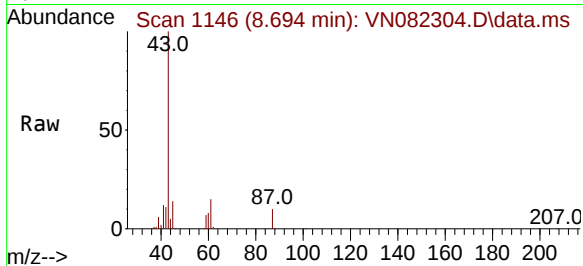




#43
Isopropyl Acetate
Concen: 54.922 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

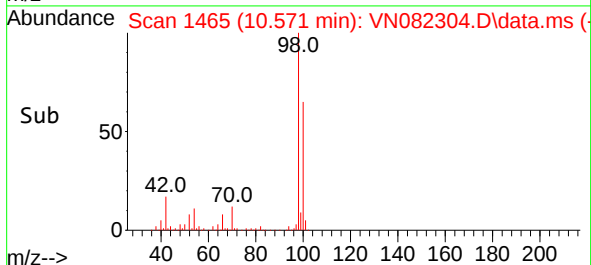
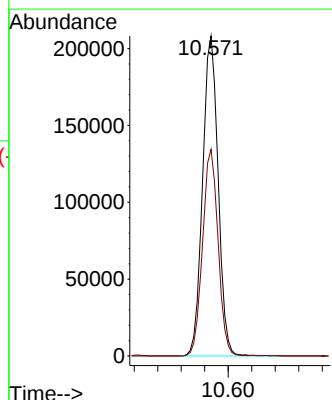
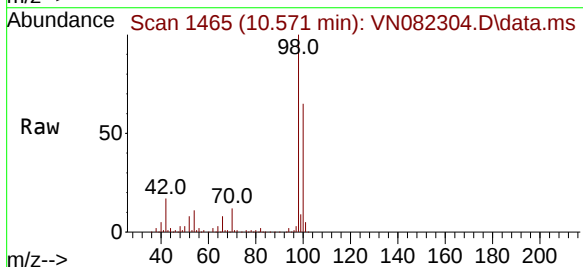
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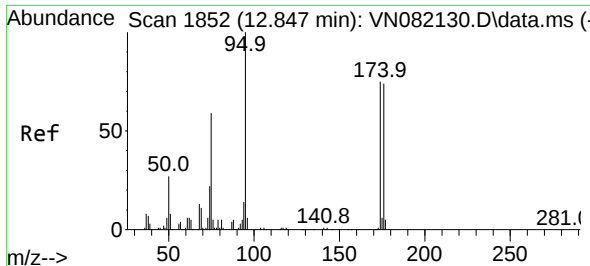
Tgt Ion: 43 Resp: 332577
Ion Ratio Lower Upper
43 100
61 11.4 22.8 34.2#
87 6.8 12.0 18.0#



#50
Toluene-d8
Concen: 54.806 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

Tgt Ion: 98 Resp: 382575
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

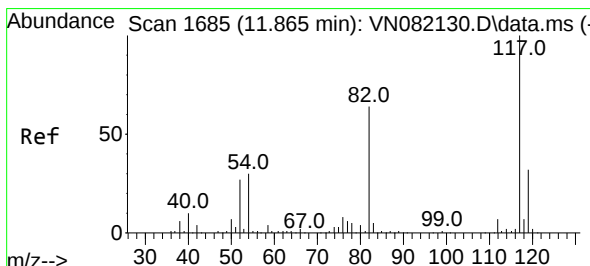
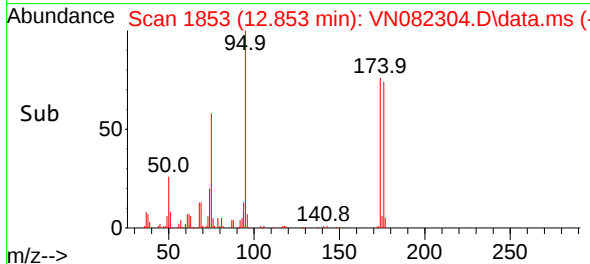
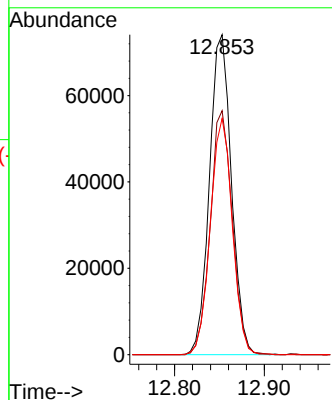
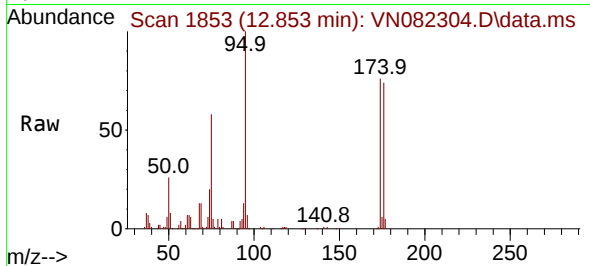




#62
4-Bromofluorobenzene
Concen: 50.627 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082304.D
Acq: 22 May 2024 19:53

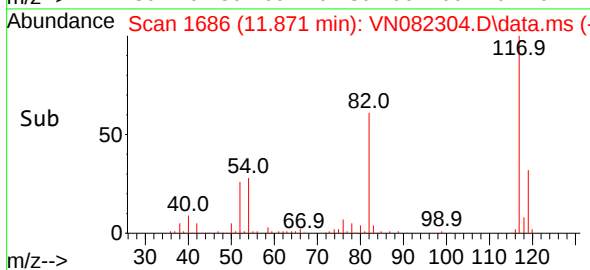
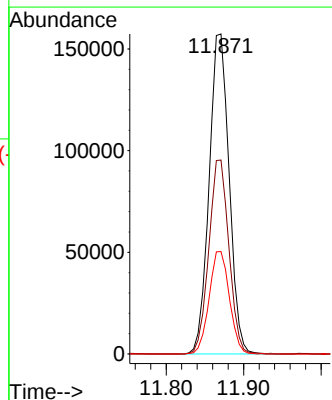
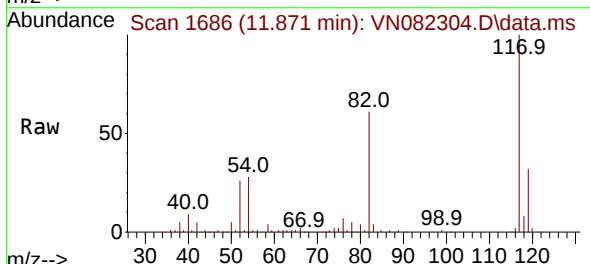
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#17

Tgt Ion: 95 Resp: 126139
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 73.7 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: VN082304.D
Acq: 22 May 2024 19:53

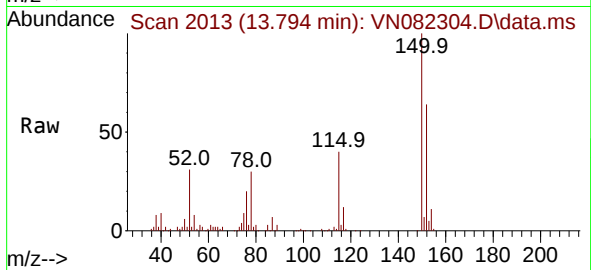
Tgt Ion: 117 Resp: 282296
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082304.D
 Acq: 22 May 2024 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#17



Tgt Ion:152 Resp: 111721
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.4 91.3
 150 158.1 0.0 353.2

