

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082540.D
 Acq On : 12 Jun 2024 19:48
 Operator : JC\MD
 Sample : P2840-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-20240610

Quant Time: Jun 13 01:32:53 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)

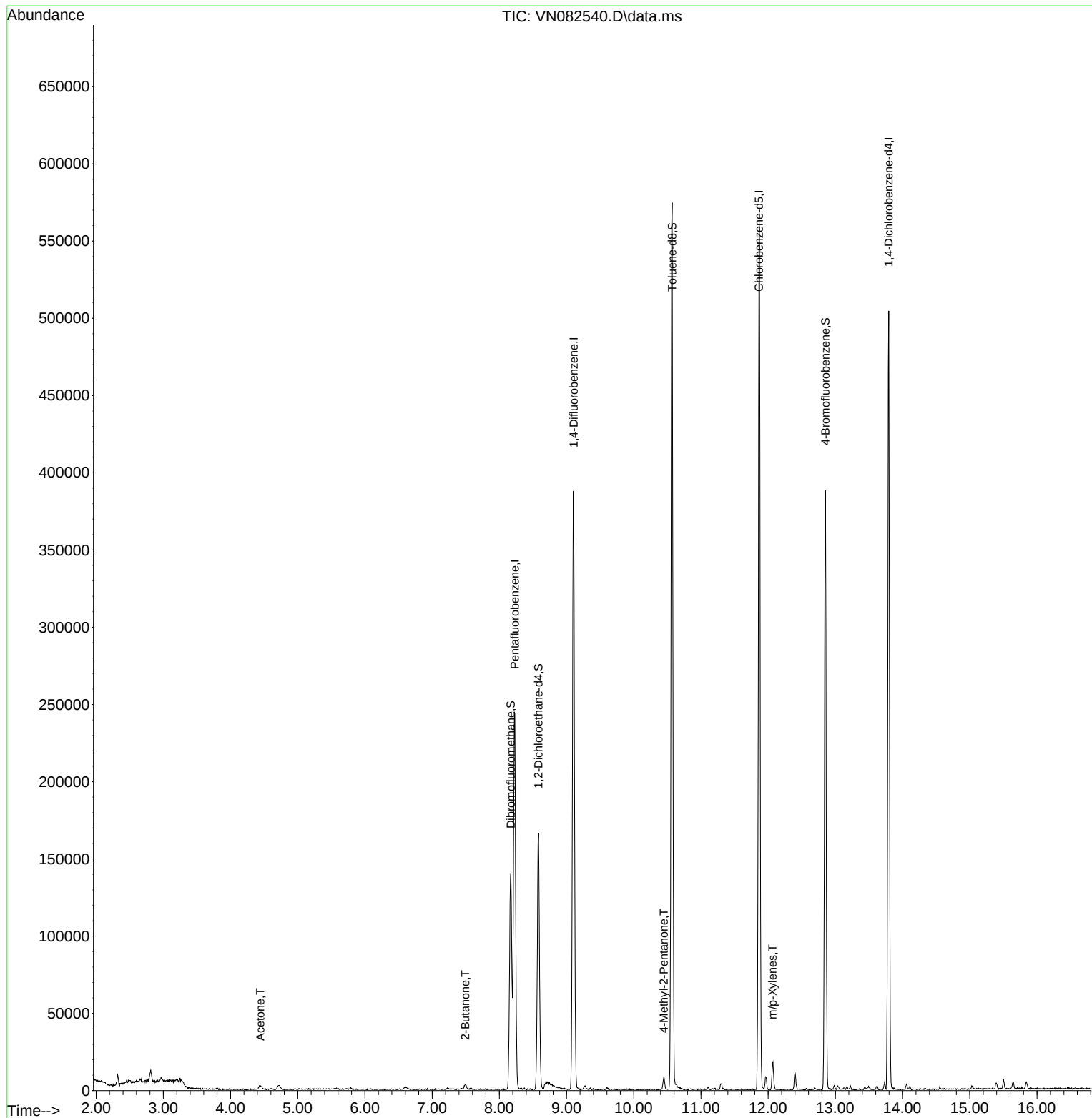
Internal Standards						
1) Pentafluorobenzene	8.230	168	173369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137085	50.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.160%	
35) Dibromofluoromethane	8.171	113	100031	51.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.780%	
50) Toluene-d8	10.571	98	374516	50.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.853	95	123689	46.891	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.780%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	5822	5.184	ug/l	92
25) 2-Butanone	7.494	43	5674	3.332	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	5757	1.581	ug/l #	83
68) m/p-Xylenes	12.065	106	5052	1.156	ug/l	97

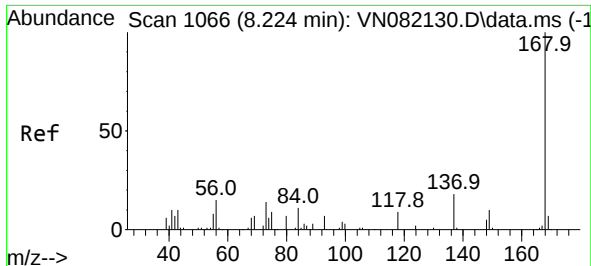
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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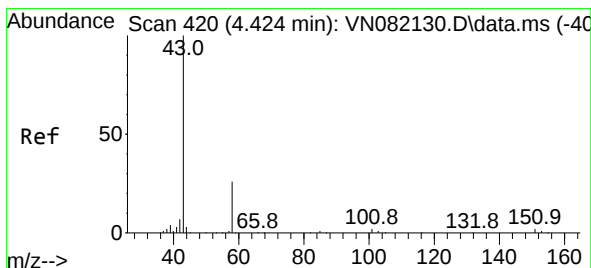
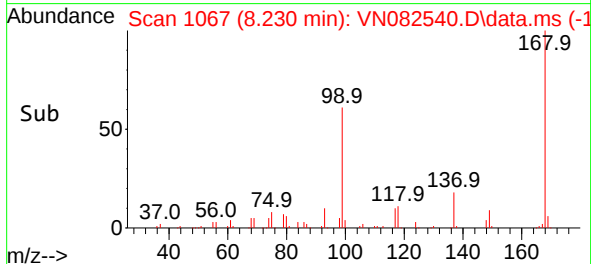
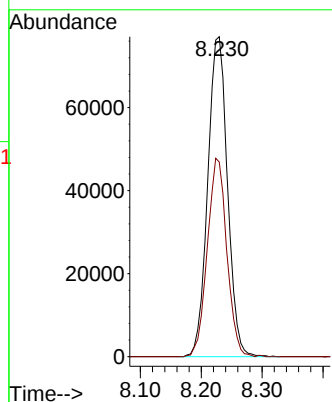
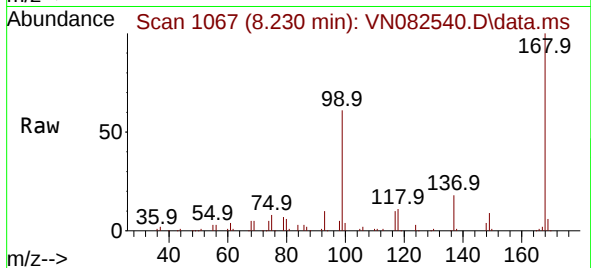




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

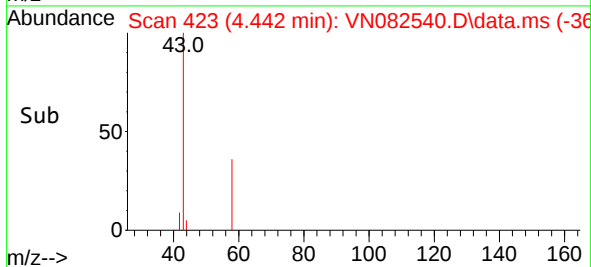
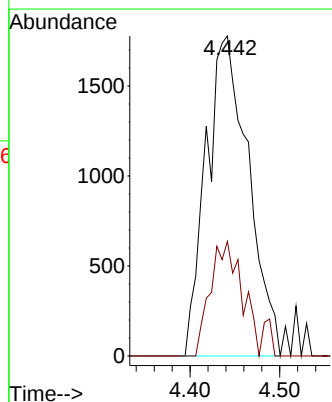
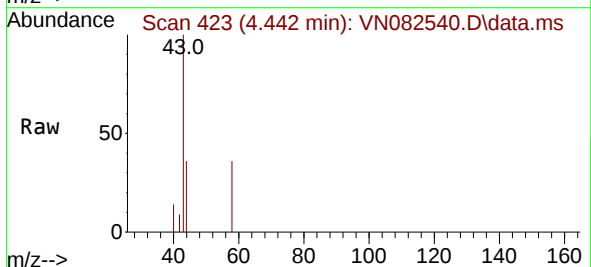
Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

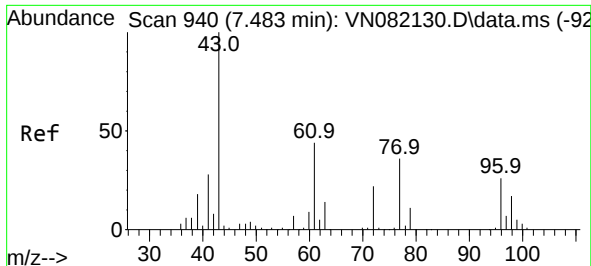
Tgt Ion:168 Resp: 173369
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#16
Acetone
Concen: 5.184 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Tgt Ion: 43 Resp: 5822
Ion Ratio Lower Upper
43 100
58 35.8 25.2 37.8

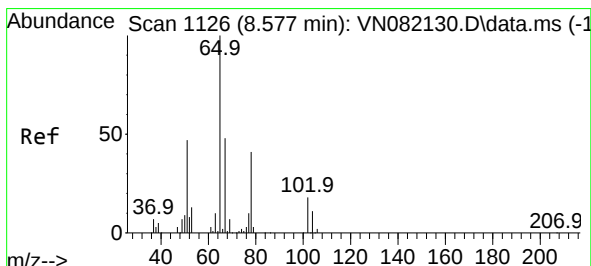
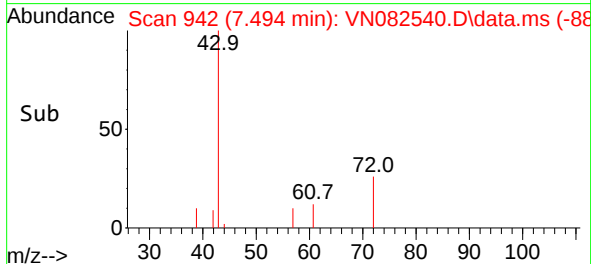
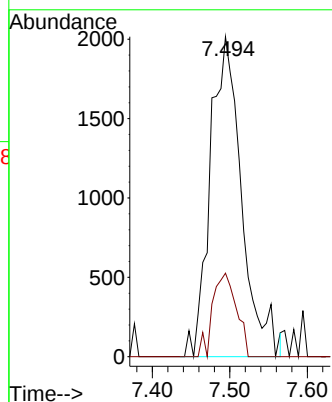
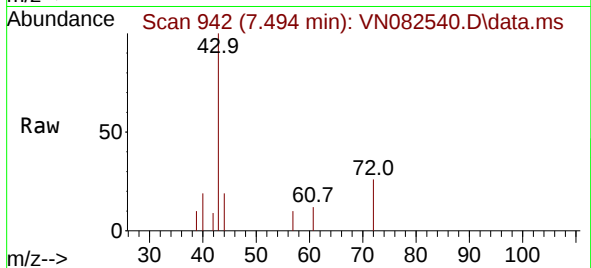




#25
2-Butanone
Concen: 3.332 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

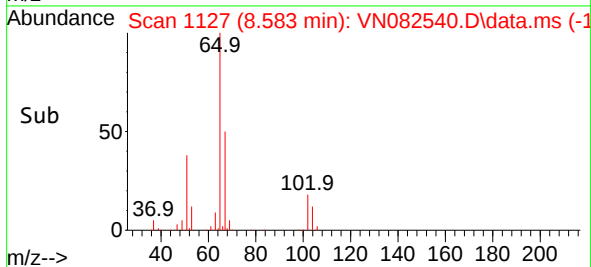
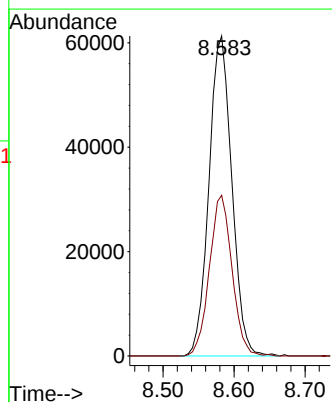
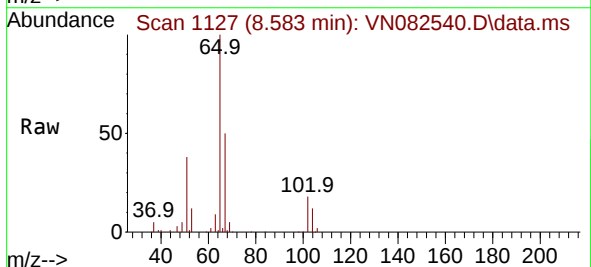
Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

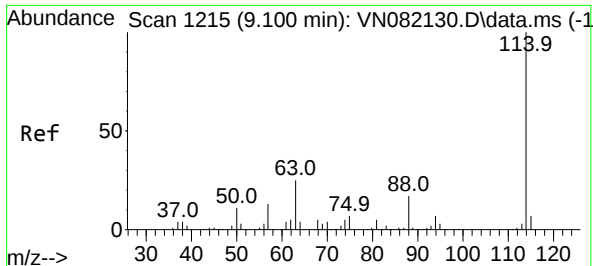
Tgt Ion: 43 Resp: 5674
Ion Ratio Lower Upper
43 100
72 26.1 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 50.076 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Tgt Ion: 65 Resp: 137085
Ion Ratio Lower Upper
65 100
67 49.7 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: VN082540.D

Acq: 12 Jun 2024 19:48

Instrument :

MSVOA_N

ClientSampleId :

WB-20240610

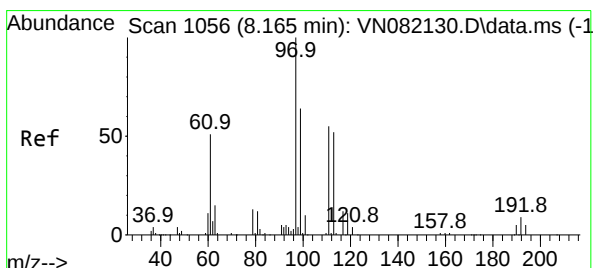
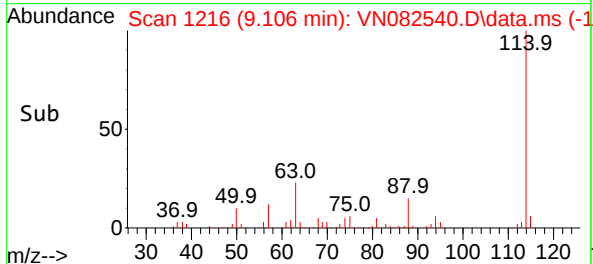
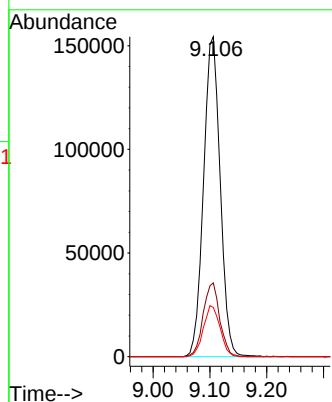
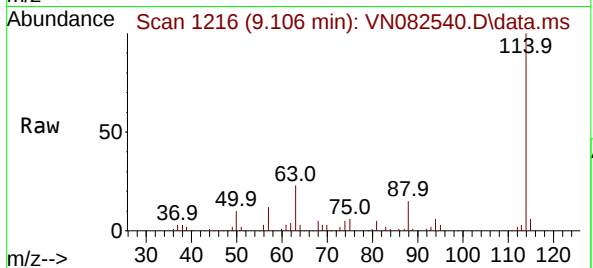
Tgt Ion:114 Resp: 313359

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.893 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082540.D

Acq: 12 Jun 2024 19:48

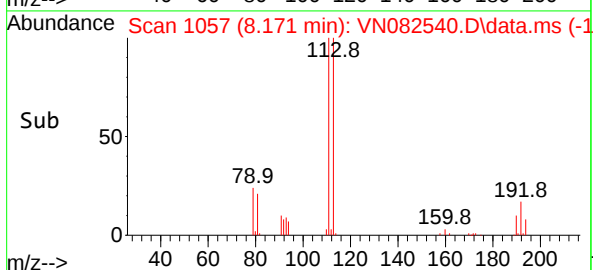
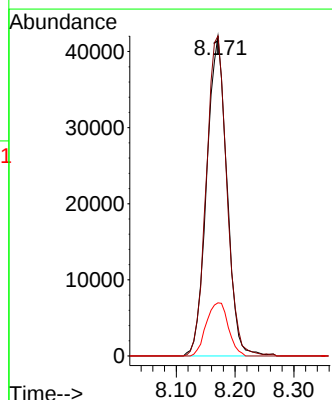
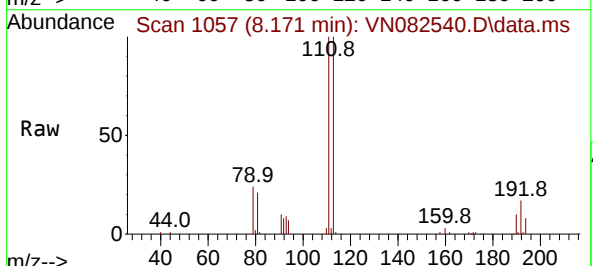
Tgt Ion:113 Resp: 100031

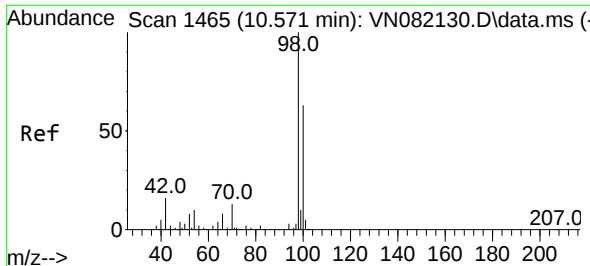
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 18.2 14.0 21.0

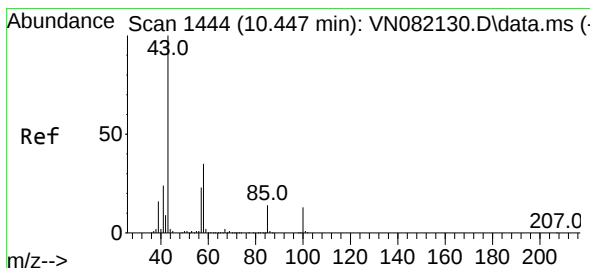
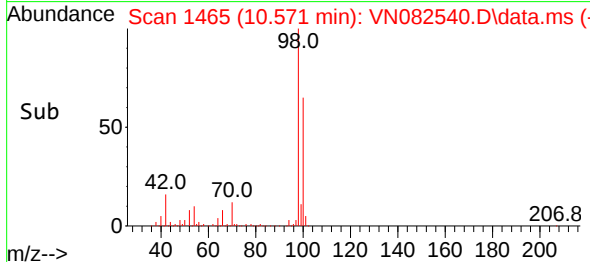
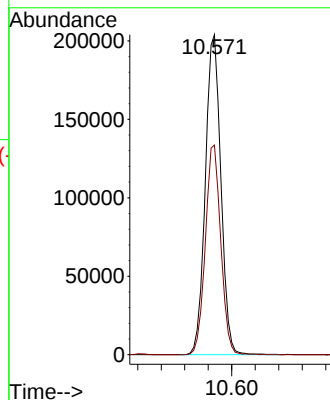
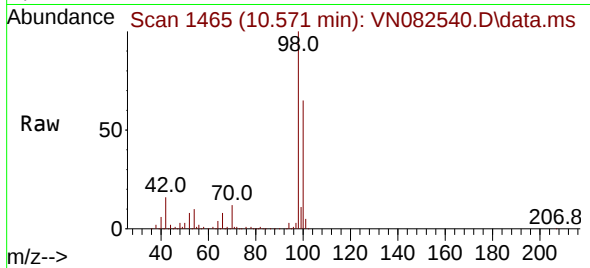




#50
Toluene-d8
Concen: 50.676 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

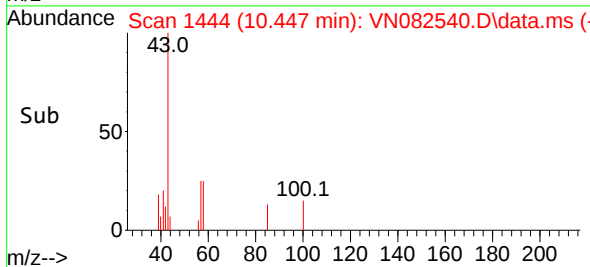
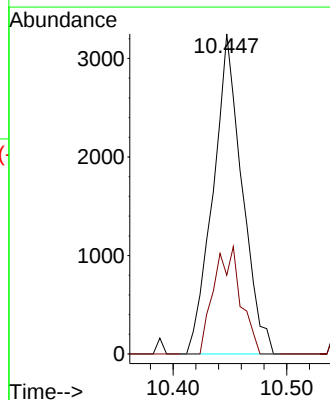
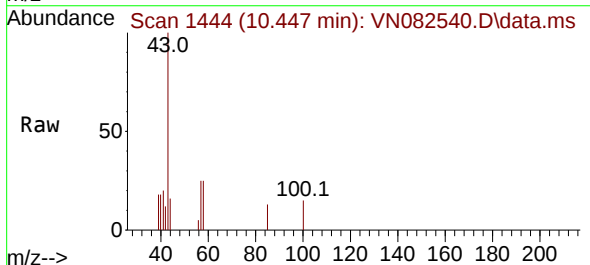
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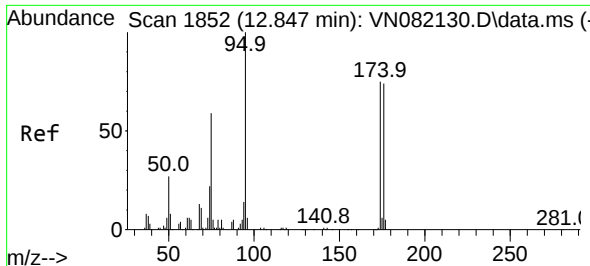
Tgt Ion: 98 Resp: 374516
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.581 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 31.1 33.2 49.8#

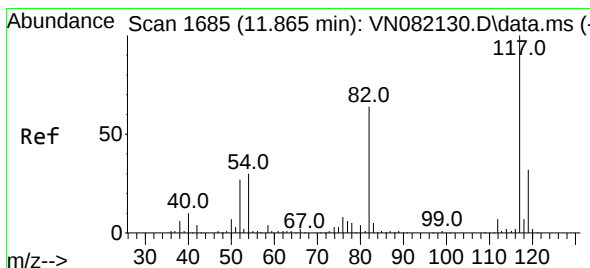
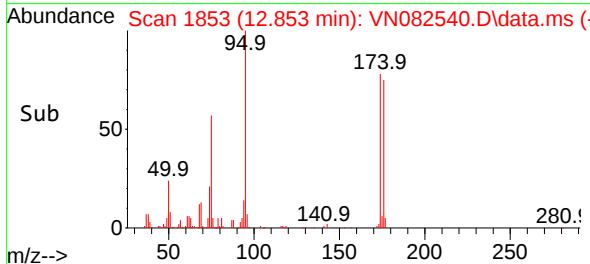
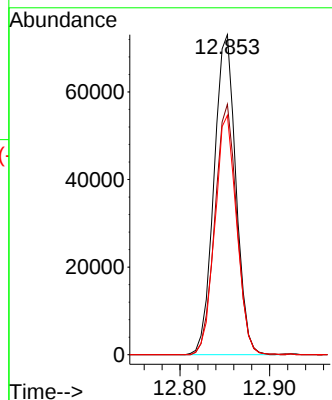
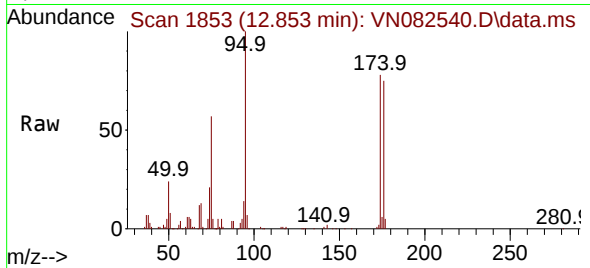




#62
4-Bromofluorobenzene
Concen: 46.891 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

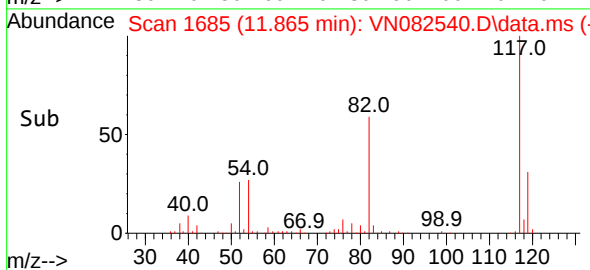
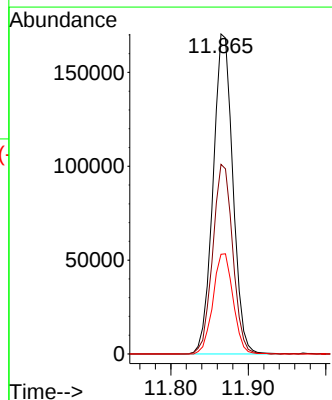
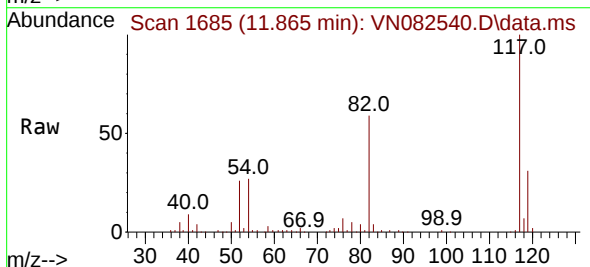
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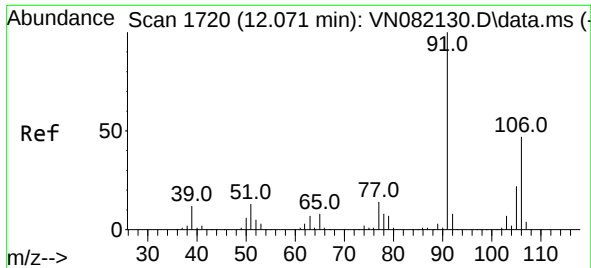
Tgt Ion: 95 Resp: 123689
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.6
176 74.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Tgt Ion: 117 Resp: 301709
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 31.2 25.9 38.9

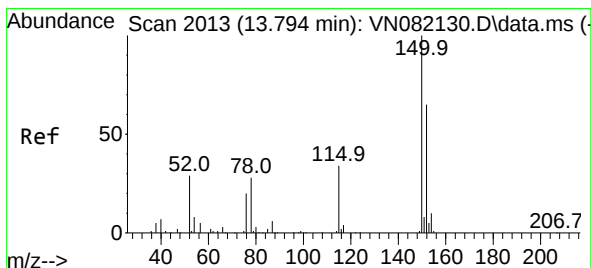
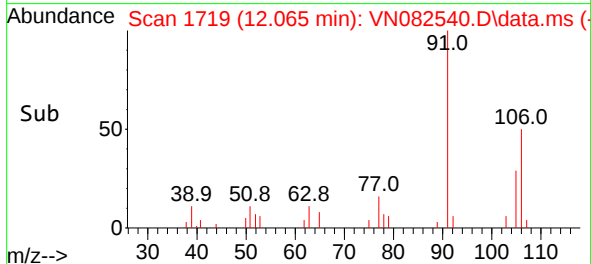
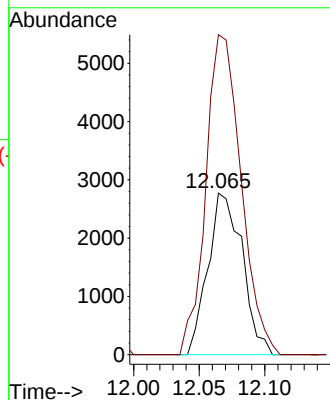
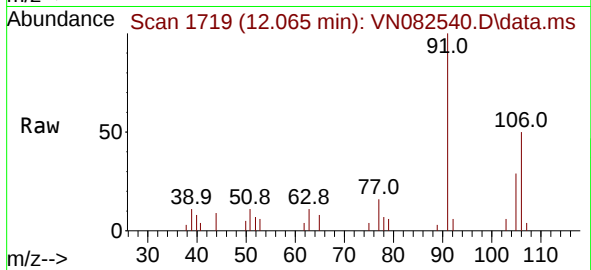




#68
m/p-Xylenes
Concen: 1.156 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :
WB-20240610

Tgt Ion:106 Resp: 5052
Ion Ratio Lower Upper
106 100
91 203.4 159.4 239.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082540.D
Acq: 12 Jun 2024 19:48

Tgt Ion:152 Resp: 125954
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 158.8 0.0 353.2

