

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082290.D
 Acq On : 22 May 2024 13:53
 Operator : JC\MD
 Sample : PB161037ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#03

Quant Time: May 23 01:52:31 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)

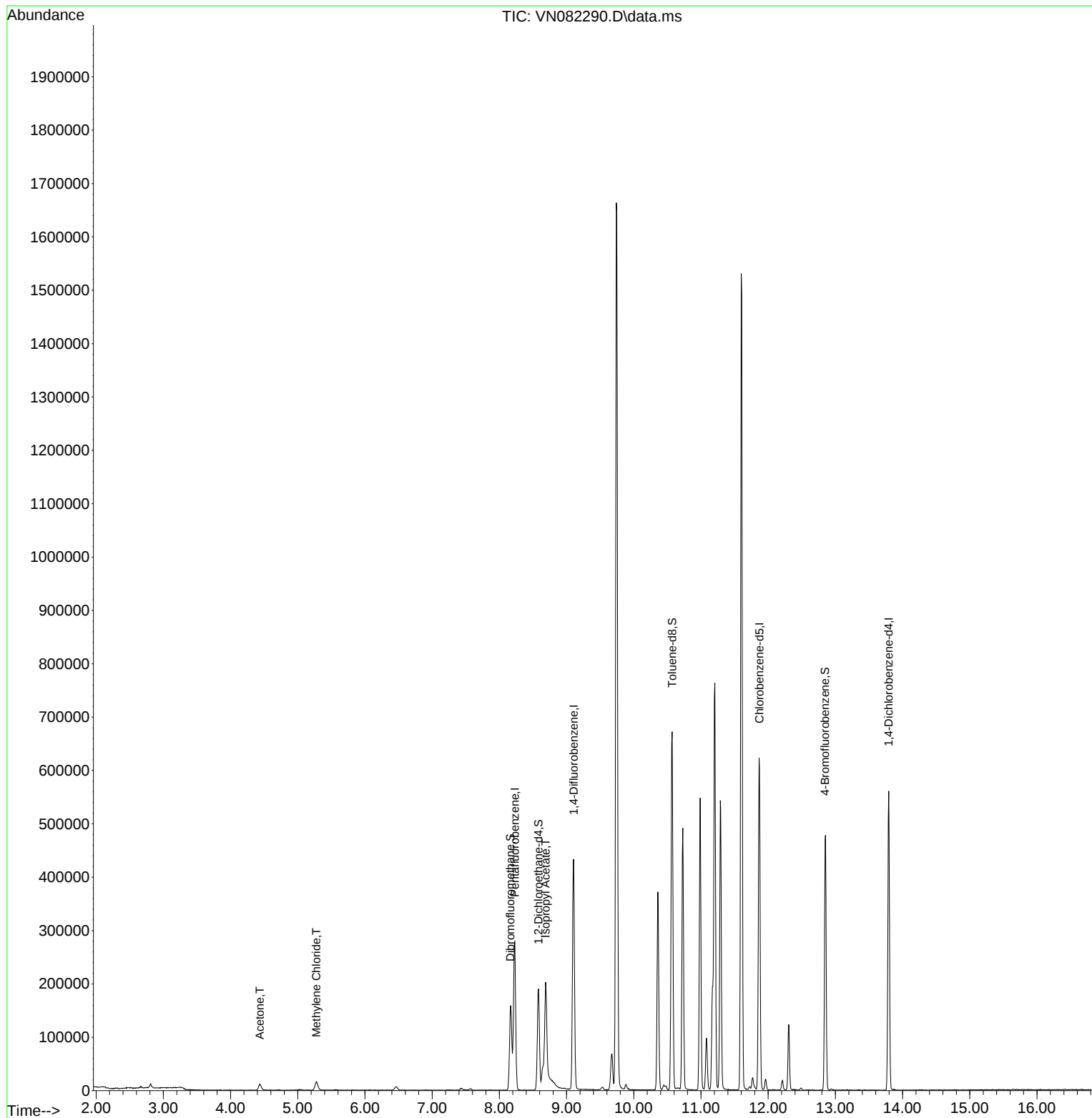
Internal Standards						
1) Pentafluorobenzene	8.230	168	193684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	328649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	157356	51.452	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.900%		
35) Dibromofluoromethane	8.165	113	110051	51.735	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.480%		
50) Toluene-d8	10.571	98	439307	53.866	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.740%		
62) 4-Bromofluorobenzene	12.847	95	154088	52.935	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 105.880%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	22202	17.697	ug/l	96
20) Methylene Chloride	5.277	84	11131	4.397	ug/l #	81
43) Isopropyl Acetate	8.688	43	320237	45.265	ug/l #	71

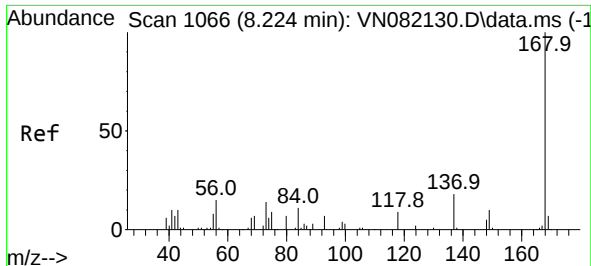
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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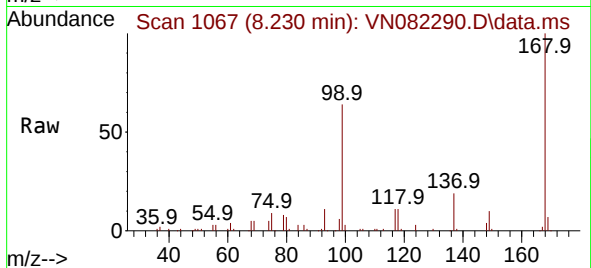
Quant Time: May 23 01:52:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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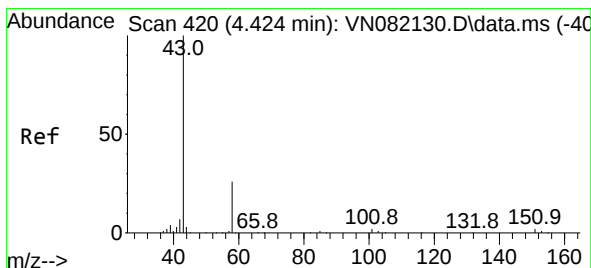
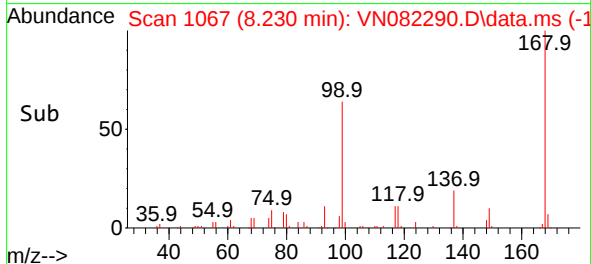
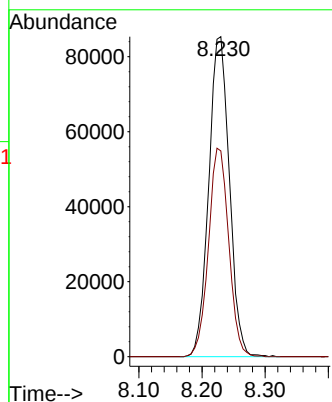


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#03

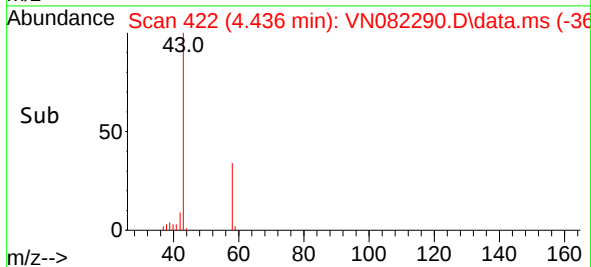
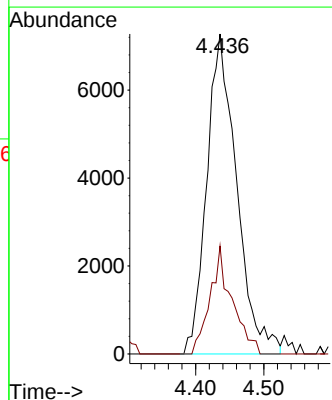
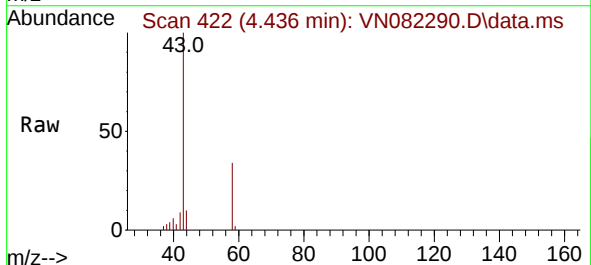


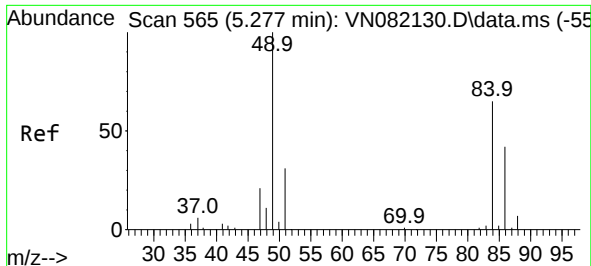
Tgt Ion:168 Resp: 193684
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#16
Acetone
Concen: 17.697 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

Tgt Ion: 43 Resp: 22202
Ion Ratio Lower Upper
43 100
58 33.8 25.2 37.8

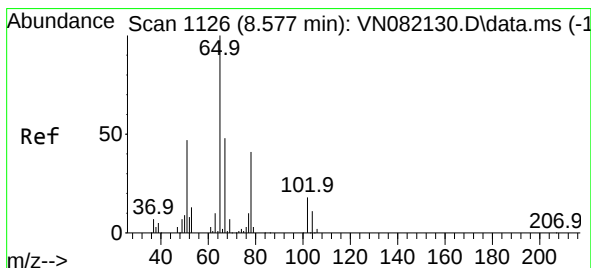
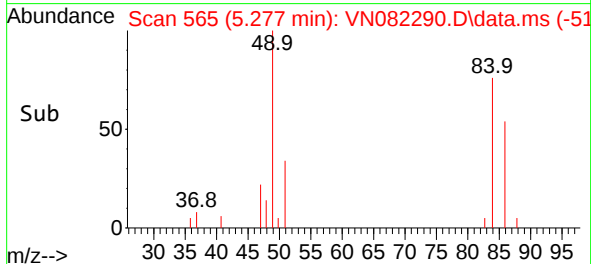
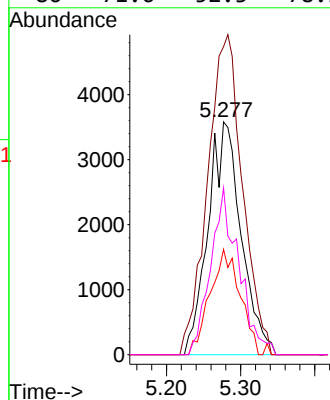
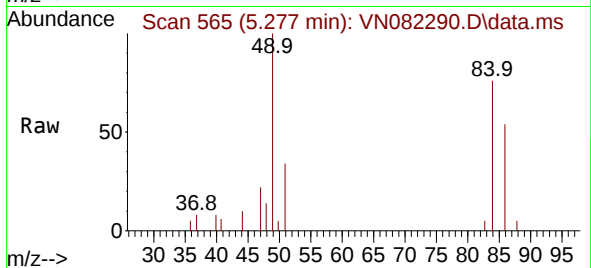




#20
Methylene Chloride
Concen: 4.397 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

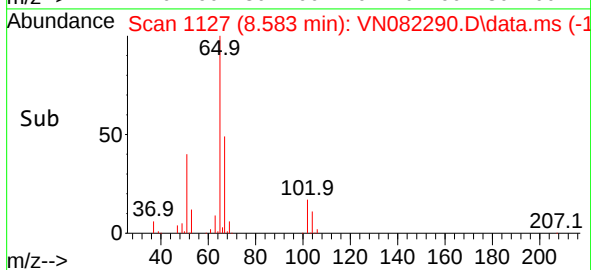
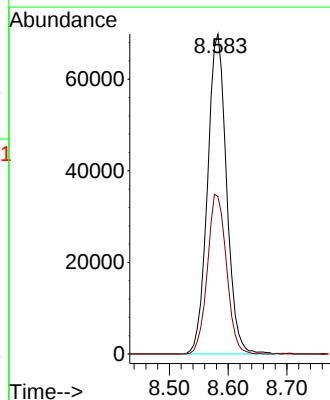
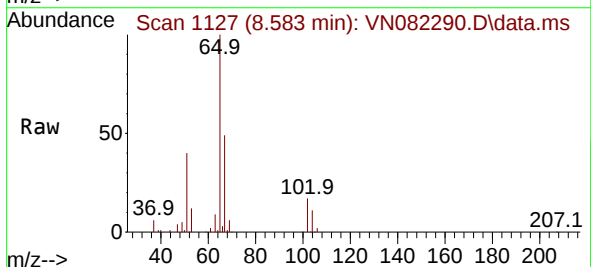
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#03

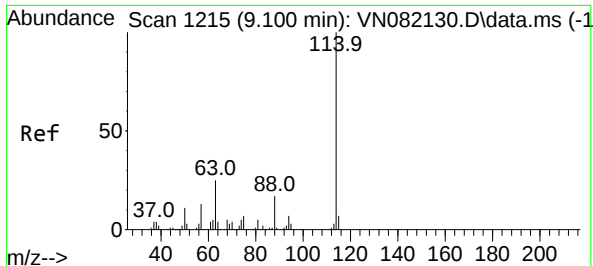
Tgt Ion:	84	Resp:	11131
Ion	Ratio	Lower	Upper
84	100		
49	132.3	84.9	127.3#
51	45.2	27.0	40.6#
86	71.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.452 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

Tgt Ion:	65	Resp:	157356
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0

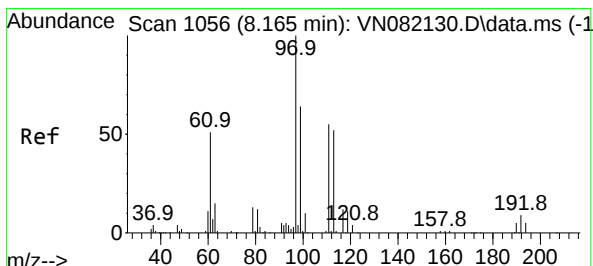
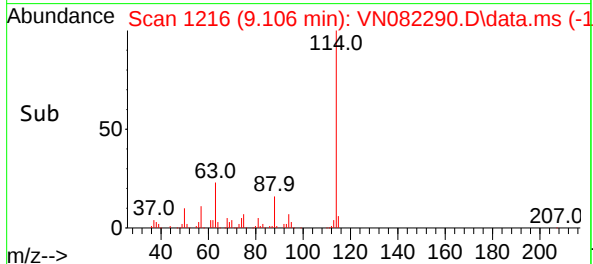
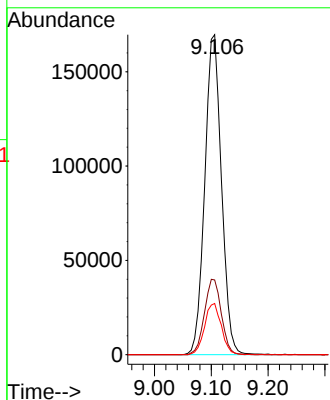
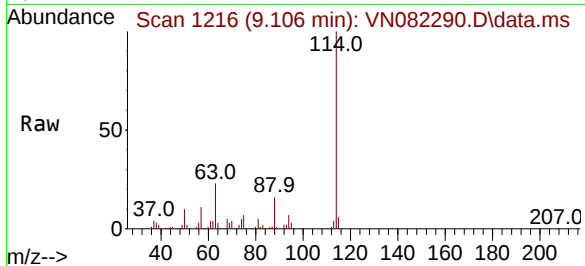




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

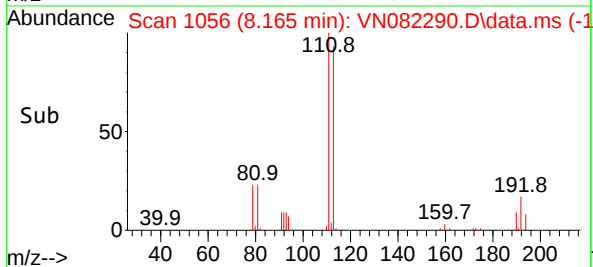
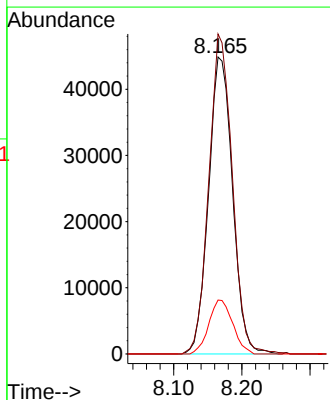
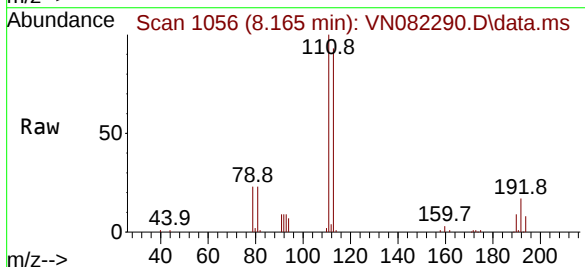
Instrument :
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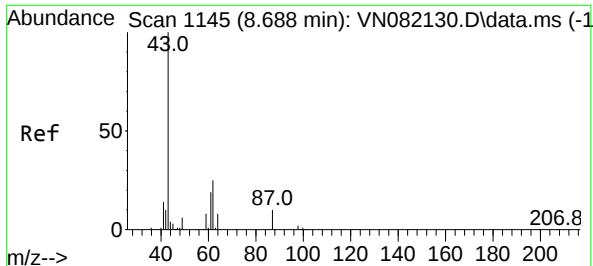
Tgt Ion:114 Resp: 345798
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.735 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

Tgt Ion:113 Resp: 110051
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 18.1 14.0 21.0

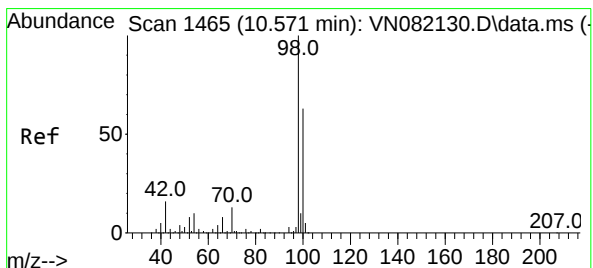
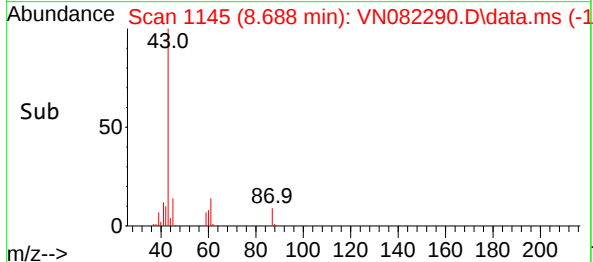
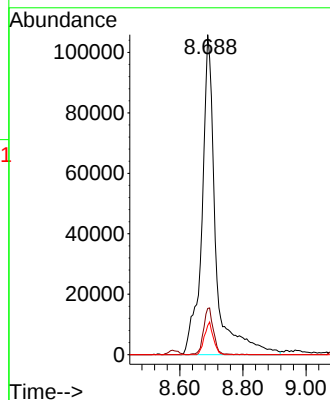
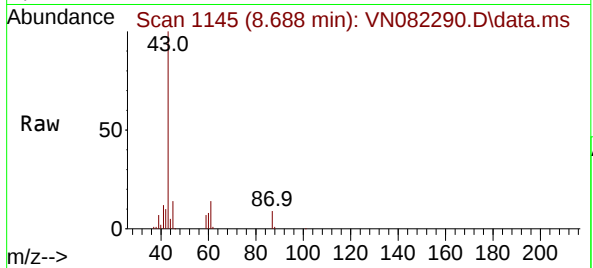




#43
Isopropyl Acetate
Concen: 45.265 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

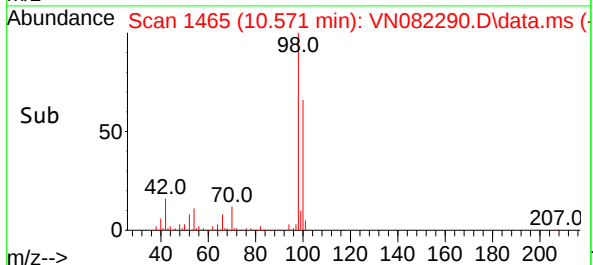
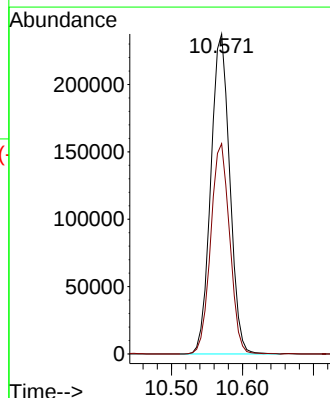
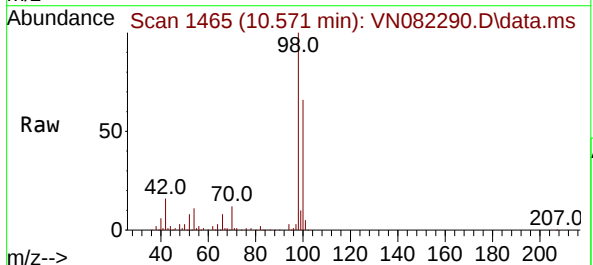
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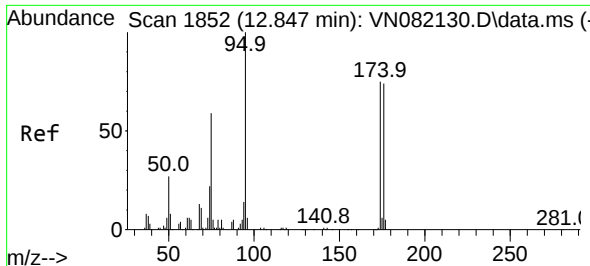
Tgt Ion: 43 Resp: 320237
Ion Ratio Lower Upper
43 100
61 10.5 22.8 34.2#
87 6.6 12.0 18.0#



#50
Toluene-d8
Concen: 53.866 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

Tgt Ion: 98 Resp: 439307
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

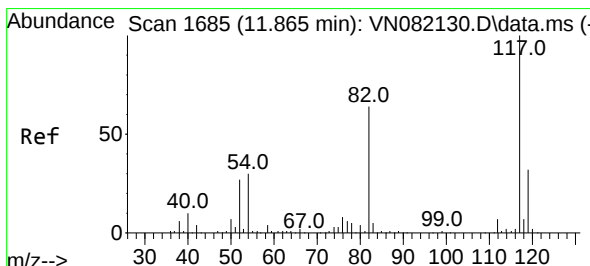
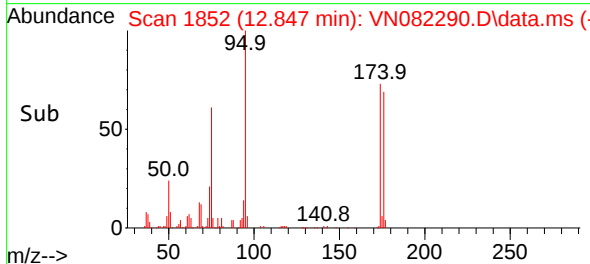
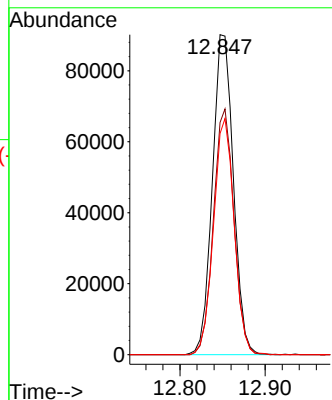
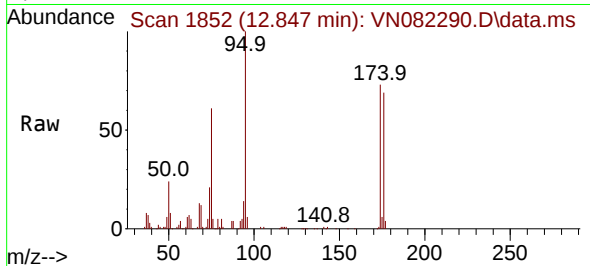




#62
4-Bromofluorobenzene
Concen: 52.935 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

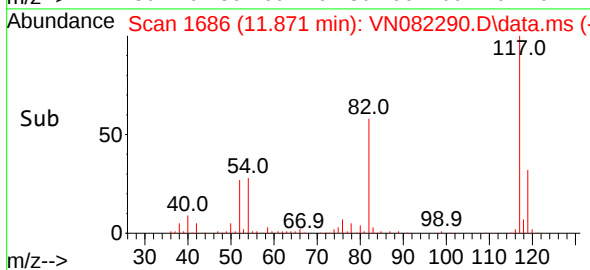
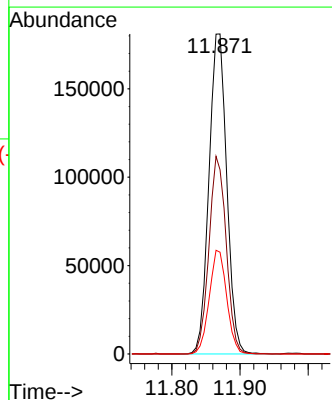
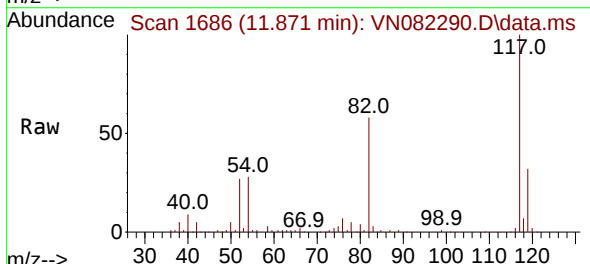
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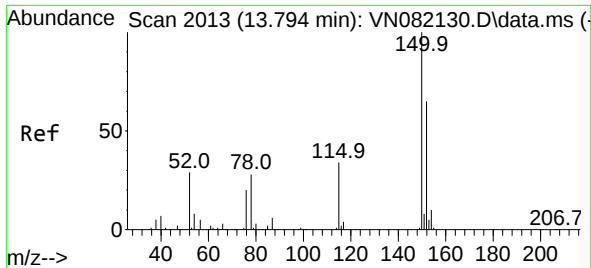
Tgt Ion: 95 Resp: 154088
Ion Ratio Lower Upper
95 100
174 75.2 0.0 160.6
176 72.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082290.D
Acq: 22 May 2024 13:53

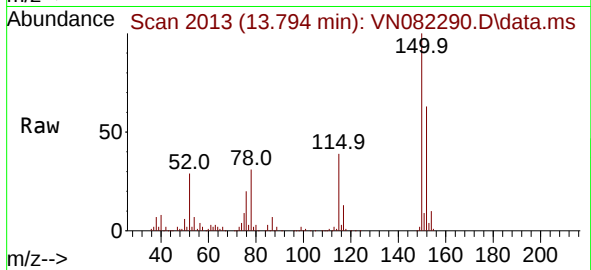
Tgt Ion: 117 Resp: 328649
Ion Ratio Lower Upper
117 100
82 57.5 44.6 66.8
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082290.D
 Acq: 22 May 2024 13:53

Instrument :
 MSVOA_N
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 PB161037ZHE#03



Tgt Ion:152 Resp: 138367
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.4 91.3
 150 157.6 0.0 353.2

