

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082053.D
 Acq On : 09 May 2024 16:10
 Operator : JC\MD
 Sample : PB160759ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#05

Quant Time: May 10 03:53:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

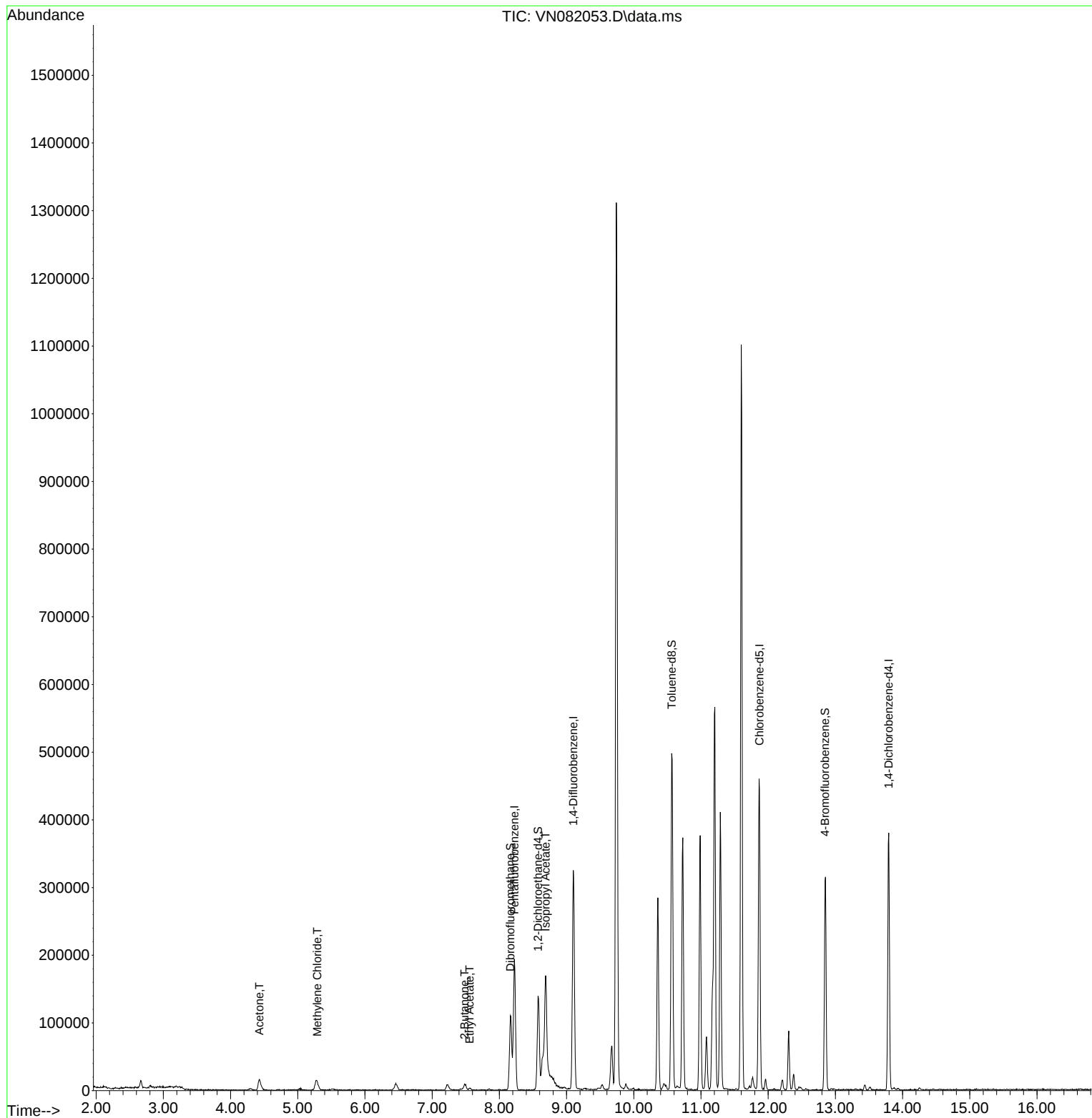
Internal Standards						
1) Pentafluorobenzene	8.224	168	120600	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	263729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	247285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108313	53.214	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.420%
35) Dibromofluoromethane	8.165	113	79313	49.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.565	98	336718	53.993	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.847	95	113900	46.203	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.400%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	27992	41.957	ug/l	96
20) Methylene Chloride	5.289	84	11350	6.507	ug/l	# 89
25) 2-Butanone	7.483	43	13952	12.077	ug/l	# 69
37) Ethyl Acetate	7.559	43	4633	1.659	ug/l	# 86
43) Isopropyl Acetate	8.688	43	281443	53.590	ug/l	# 71

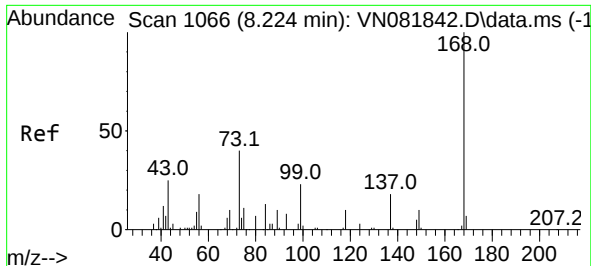
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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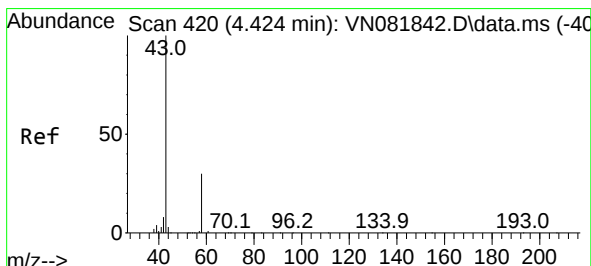
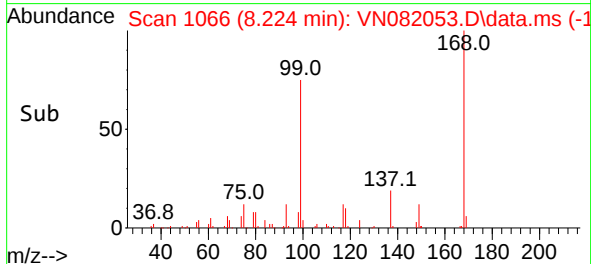
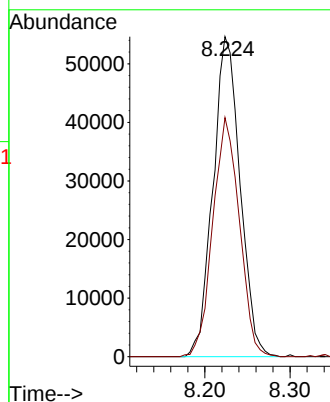
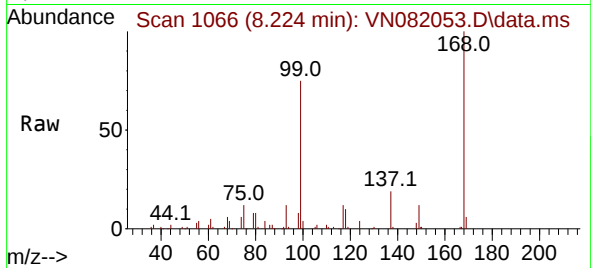




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

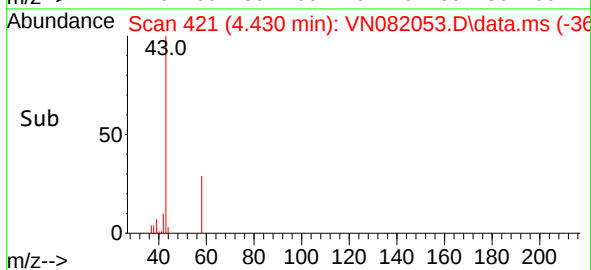
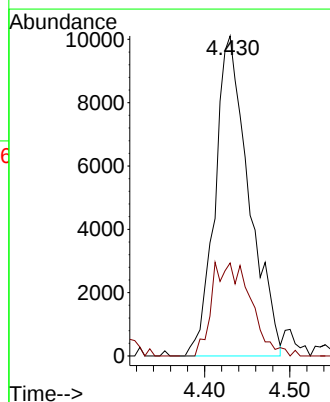
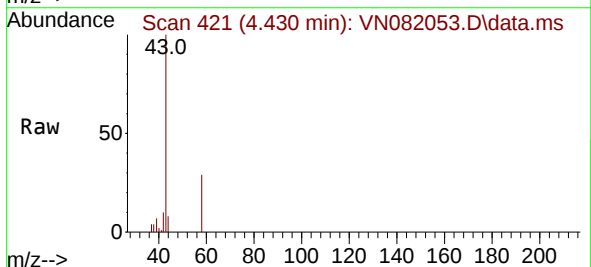
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#05

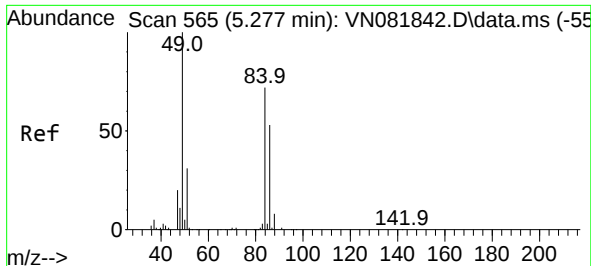
Tgt Ion:168 Resp: 120600
Ion Ratio Lower Upper
168 100
99 74.7 48.2 72.4#



#16
Acetone
Concen: 41.957 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

Tgt Ion: 43 Resp: 27992
Ion Ratio Lower Upper
43 100
58 29.1 25.2 37.8

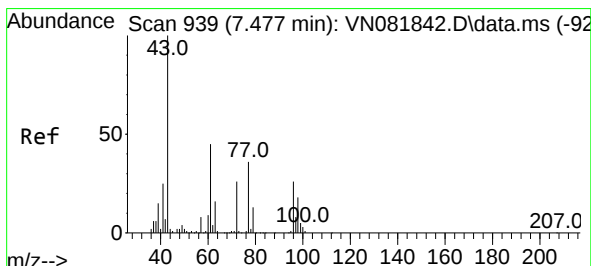
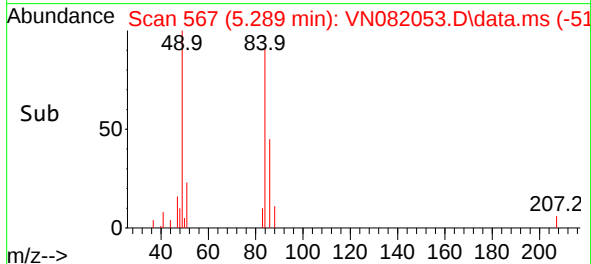
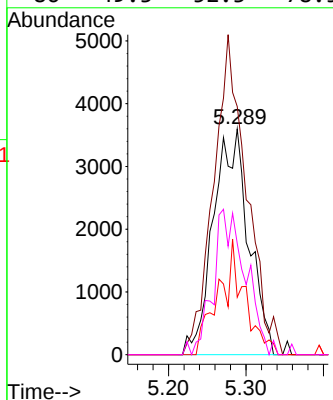
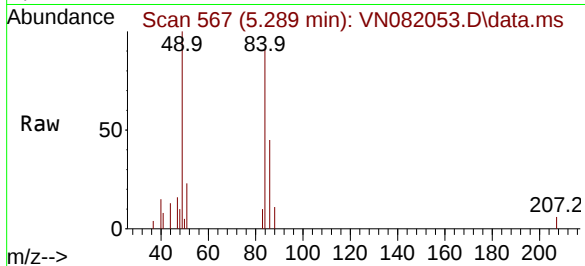




#20
Methylene Chloride
Concen: 6.507 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

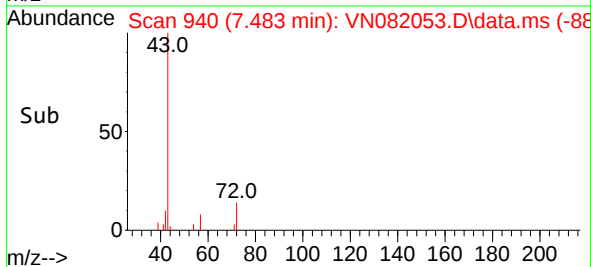
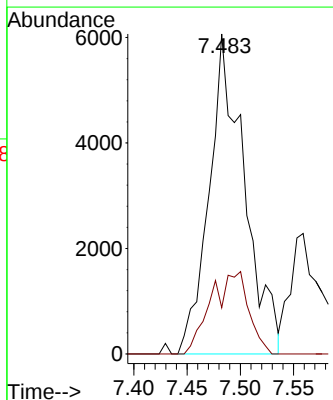
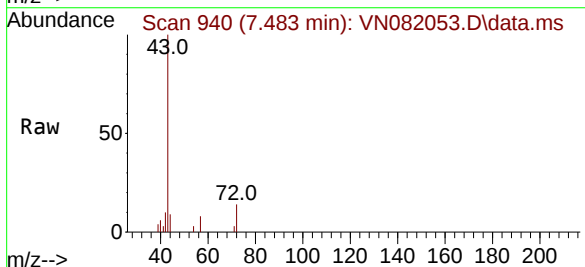
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#05

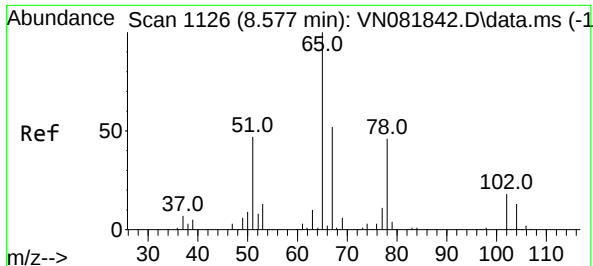
Tgt Ion: 84 Resp: 11350
Ion Ratio Lower Upper
84 100
49 110.0 84.9 127.3
51 25.4 27.0 40.6#
86 49.3 52.3 78.5#



#25
2-Butanone
Concen: 12.077 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

Tgt Ion: 43 Resp: 13952
Ion Ratio Lower Upper
43 100
72 14.5 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.214 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082053.D

Acq: 09 May 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

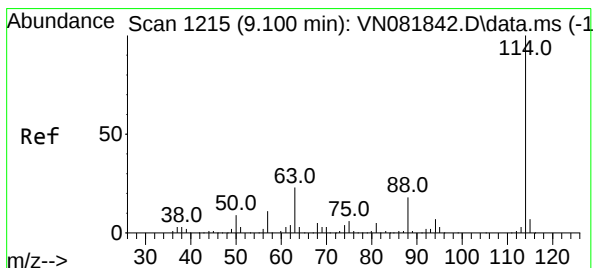
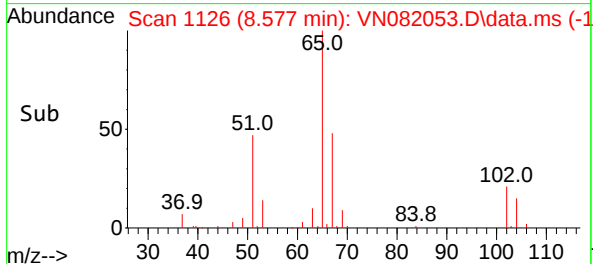
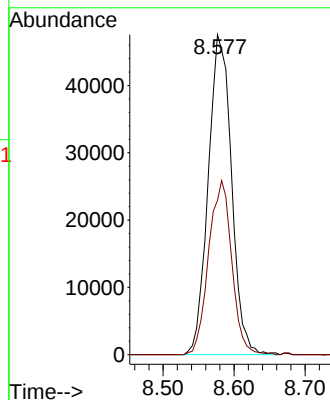
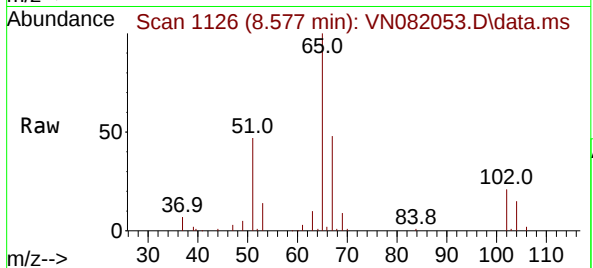
PB160759ZHE#05

Tgt Ion: 65 Resp: 108313

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082053.D

Acq: 09 May 2024 16:10

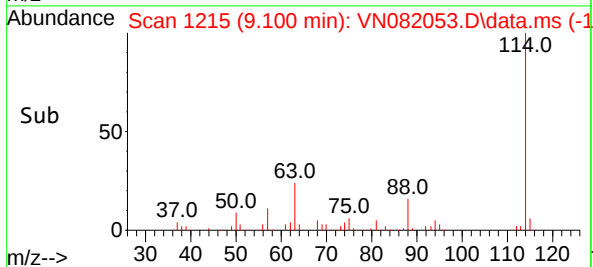
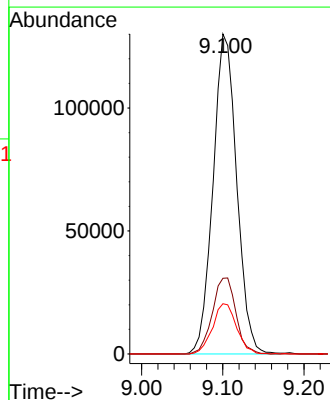
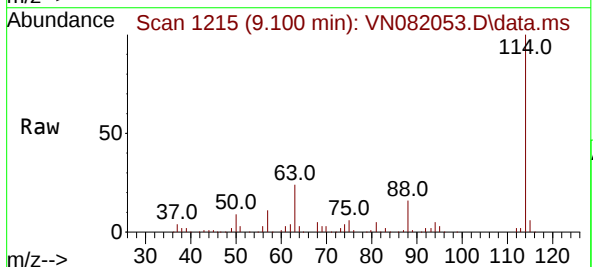
Tgt Ion: 114 Resp: 263729

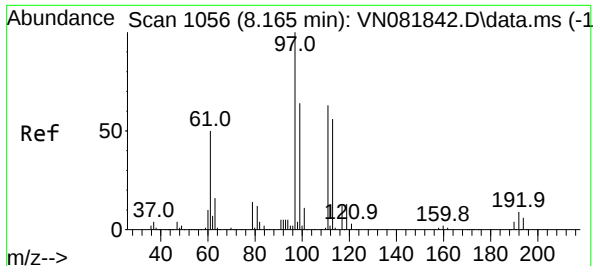
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.949 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082053.D

Acq: 09 May 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#05

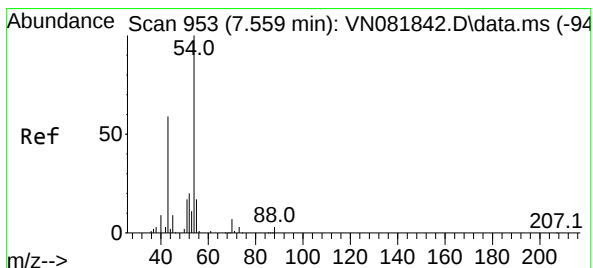
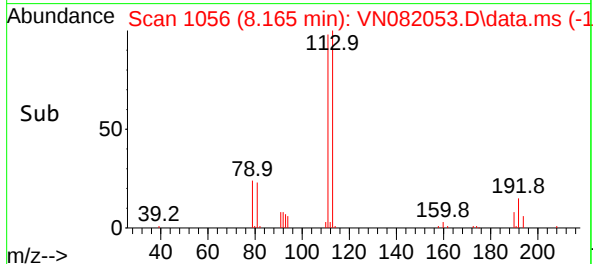
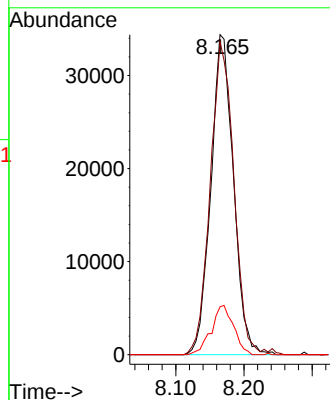
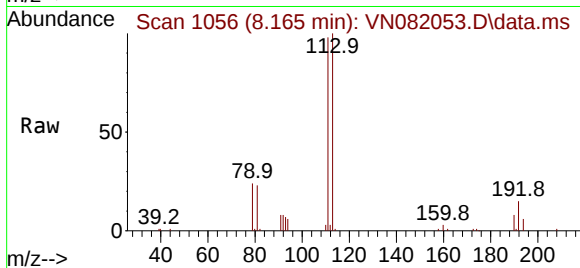
Tgt Ion:113 Resp: 79313

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 15.2 14.0 21.0



#37

Ethyl Acetate

Concen: 1.659 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN082053.D

Acq: 09 May 2024 16:10

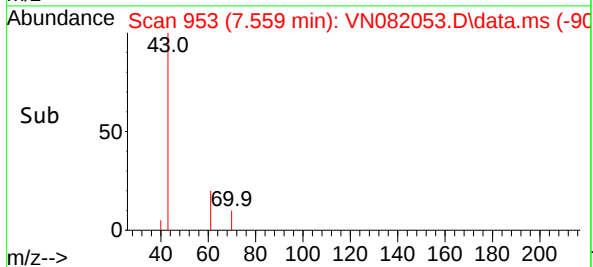
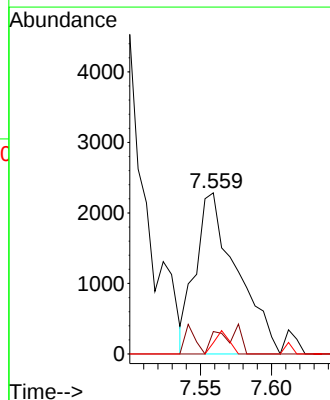
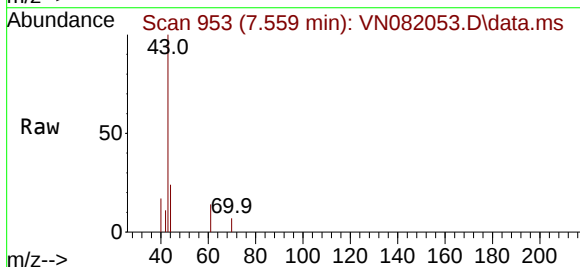
Tgt Ion: 43 Resp: 4633

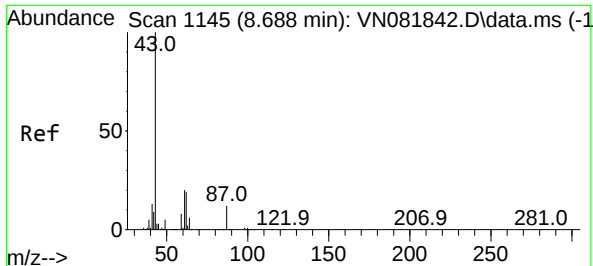
Ion Ratio Lower Upper

43 100

61 9.1 11.3 16.9#

70 5.1 8.7 13.1#

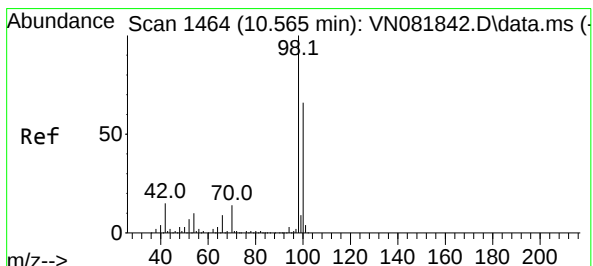
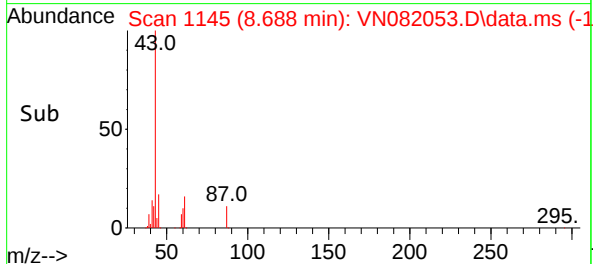
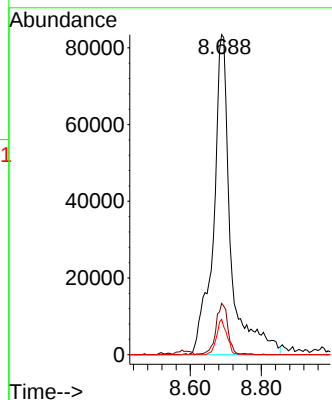
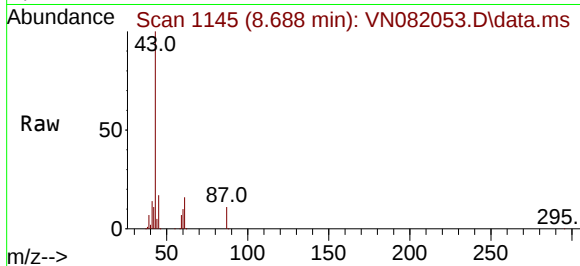




#43
Isopropyl Acetate
Concen: 53.590 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

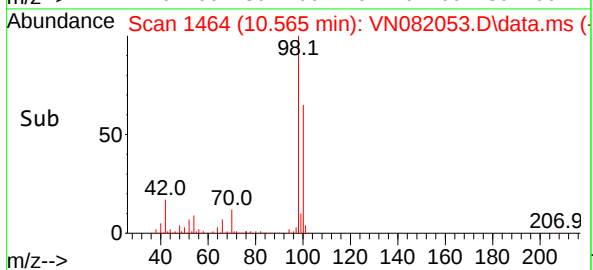
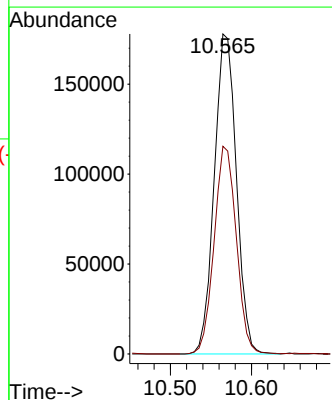
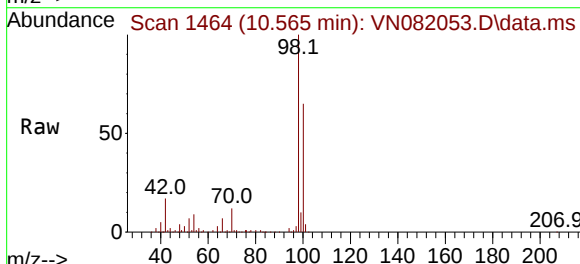
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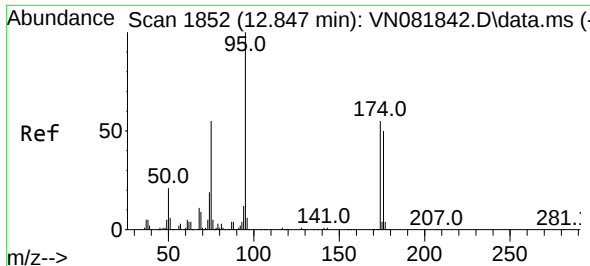
Tgt Ion: 43 Resp: 281443
Ion Ratio Lower Upper
43 100
61 11.1 22.8 34.2#
87 6.6 12.0 18.0#



#50
Toluene-d8
Concen: 53.993 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

Tgt Ion: 98 Resp: 336718
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

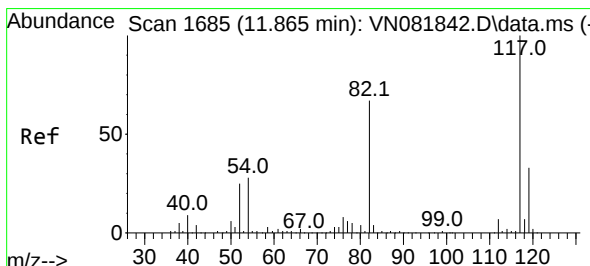
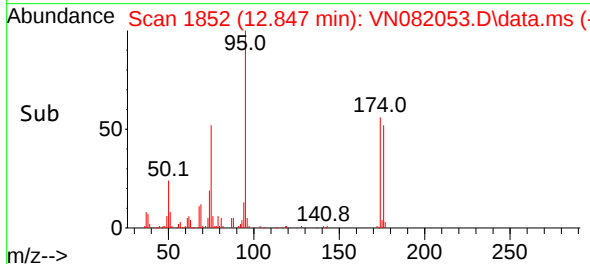
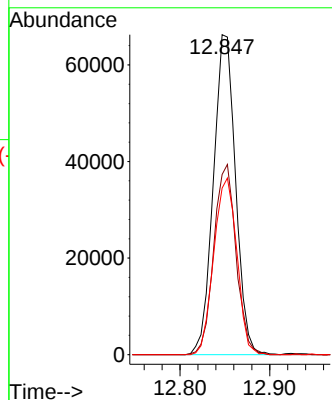
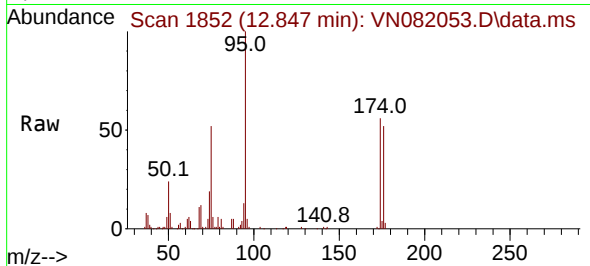




#62
4-Bromofluorobenzene
Concen: 46.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

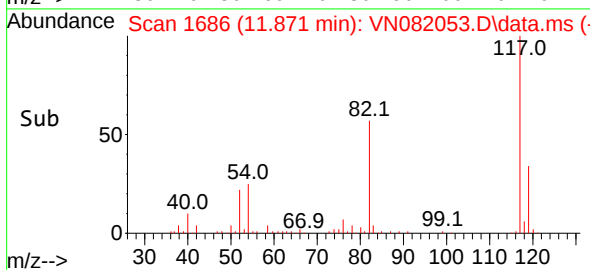
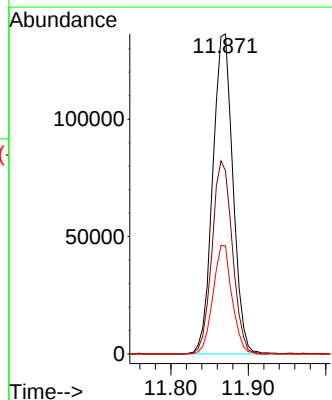
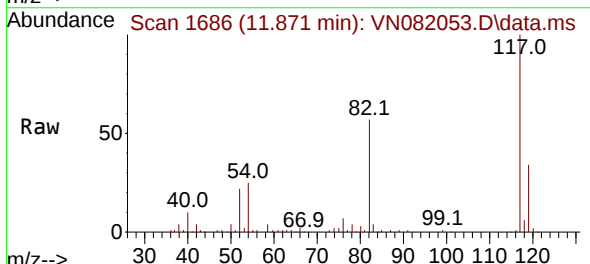
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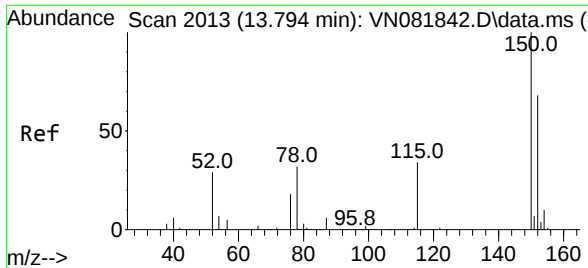
Tgt Ion: 95 Resp: 113900
Ion Ratio Lower Upper
95 100
174 59.6 0.0 160.6
176 57.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082053.D
Acq: 09 May 2024 16:10

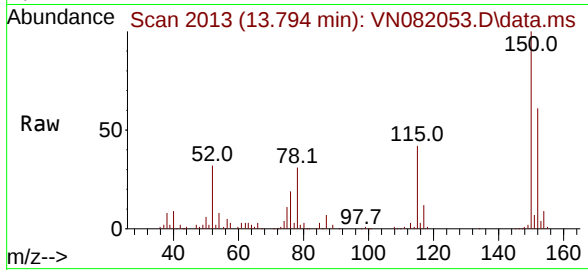
Tgt Ion: 117 Resp: 247285
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 33.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082053.D
 Acq: 09 May 2024 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#05



Tgt Ion:	152	Resp:	91152
Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.4	91.3
150	156.1	0.0	353.2

