

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082049.D
 Acq On : 09 May 2024 14:34
 Operator : JC\MD
 Sample : PB160759ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#01

Quant Time: May 10 03:51:30 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)

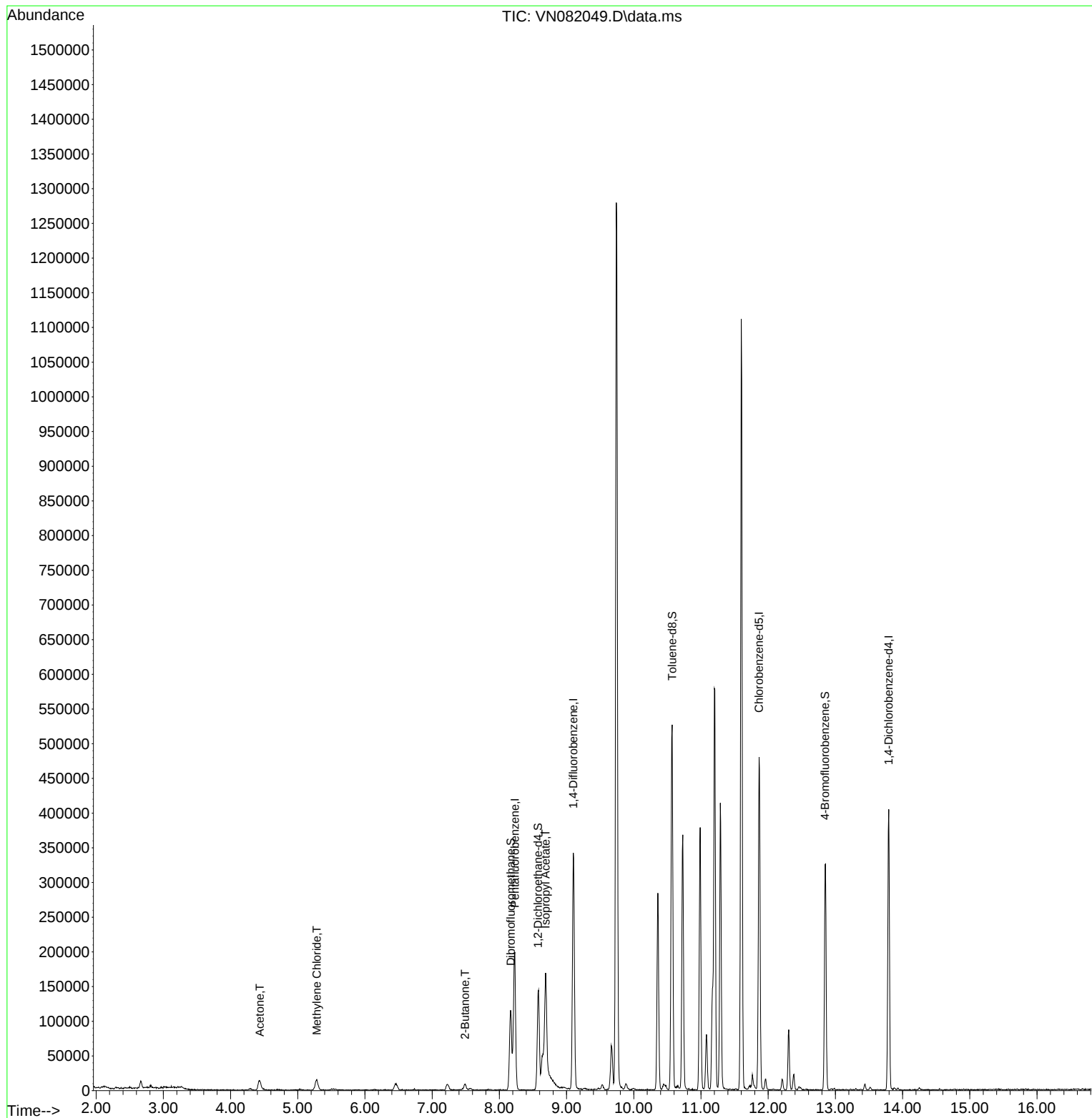
Internal Standards						
1) Pentafluorobenzene	8.230	168	129891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	271526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114173	52.081	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.160%		
35) Dibromofluoromethane	8.171	113	83172	50.875	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.760%		
50) Toluene-d8	10.571	98	349205	54.388	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.780%		
62) 4-Bromofluorobenzene	12.847	95	115439	45.482	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 90.960%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	27545	37.851	ug/l	94
20) Methylene Chloride	5.283	84	10044	5.346	ug/l	90
25) 2-Butanone	7.488	43	14744	11.850	ug/l #	87
43) Isopropyl Acetate	8.688	43	251362	46.488	ug/l #	72

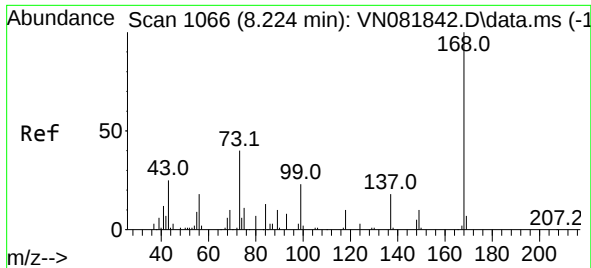
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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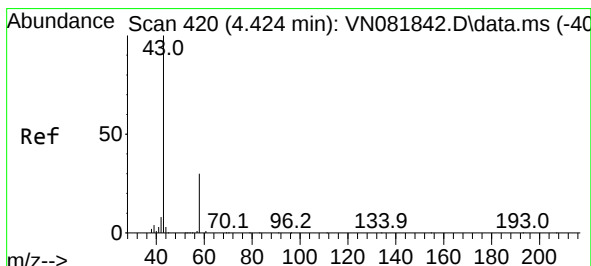
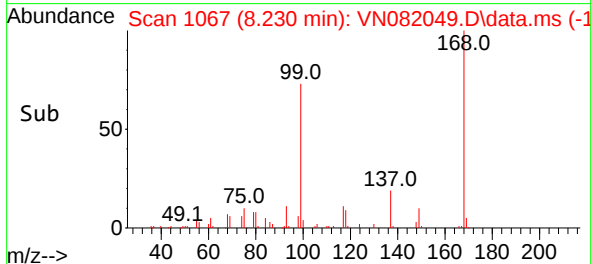
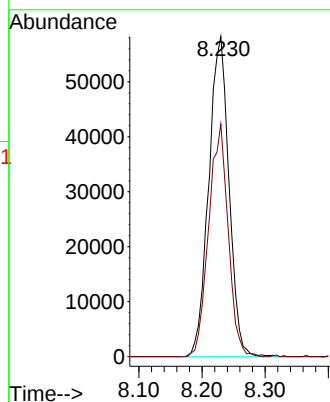
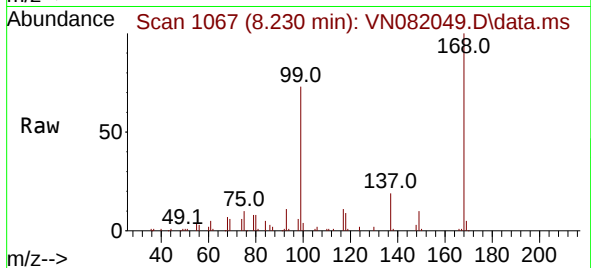




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

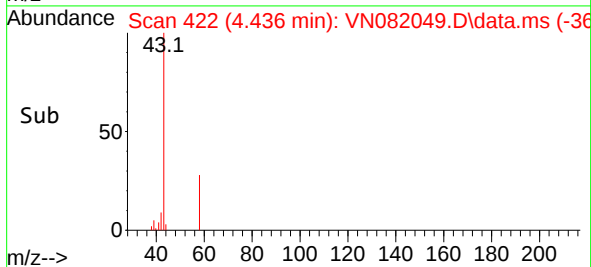
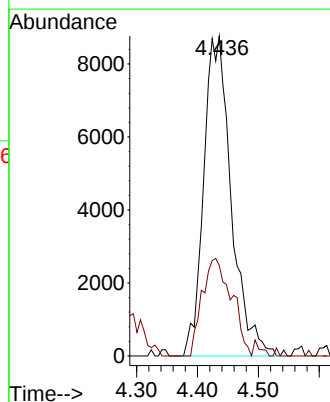
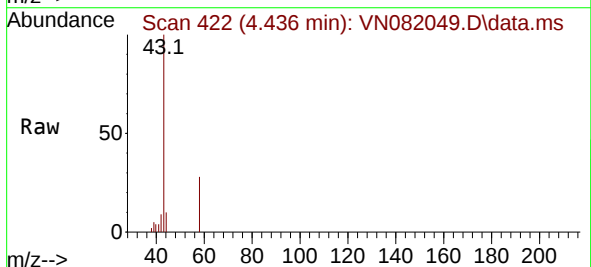
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#01

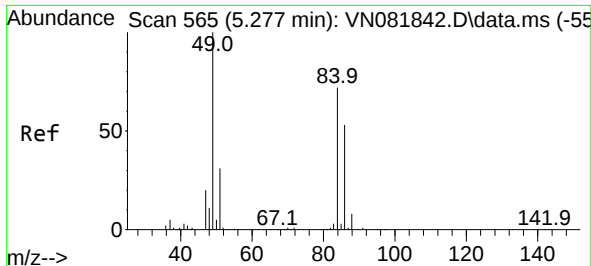
Tgt Ion:168 Resp: 129891
Ion Ratio Lower Upper
168 100
99 72.7 48.2 72.4#



#16
Acetone
Concen: 37.851 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

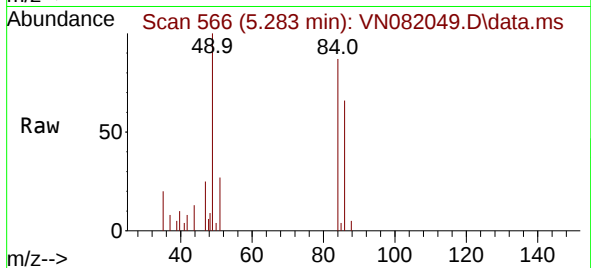
Tgt Ion: 43 Resp: 27545
Ion Ratio Lower Upper
43 100
58 28.3 25.2 37.8



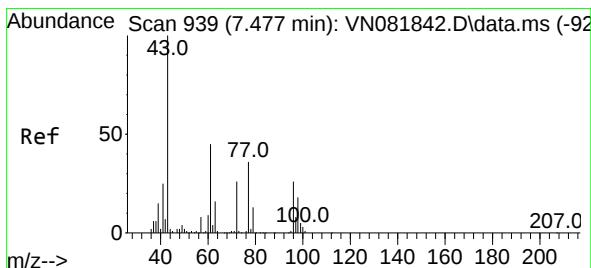
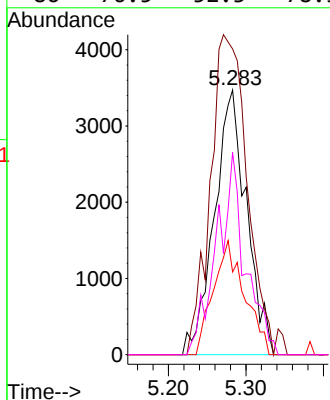
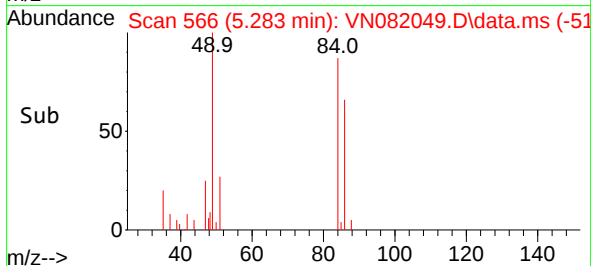


#20
Methylene Chloride
Concen: 5.346 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

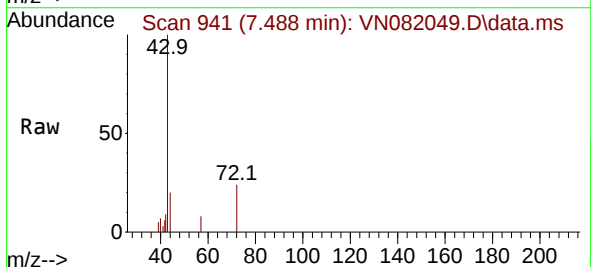
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#01



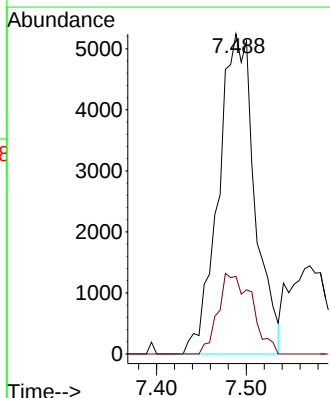
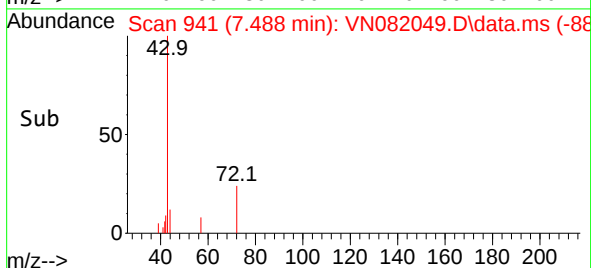
Tgt Ion: 84	Resp: 10044
Ion Ratio	Lower Upper
84 100	
49 115.6	84.9 127.3
51 31.3	27.0 40.6
86 76.5	52.3 78.5

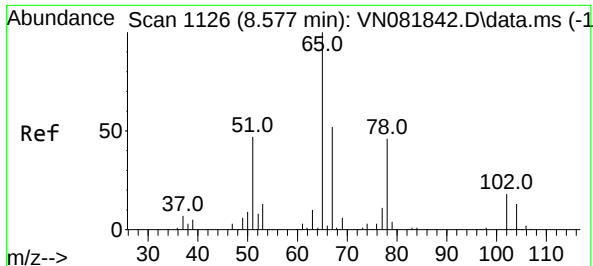


#25
2-Butanone
Concen: 11.850 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34



Tgt Ion: 43	Resp: 14744
Ion Ratio	Lower Upper
43 100	
72 24.3	25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 52.081 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082049.D

Acq: 09 May 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

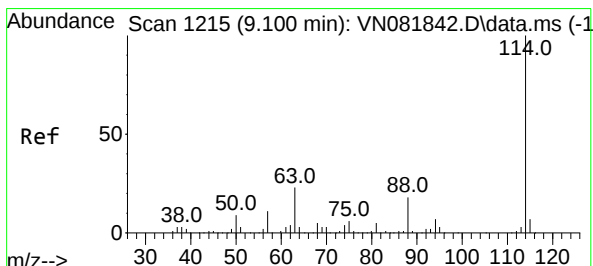
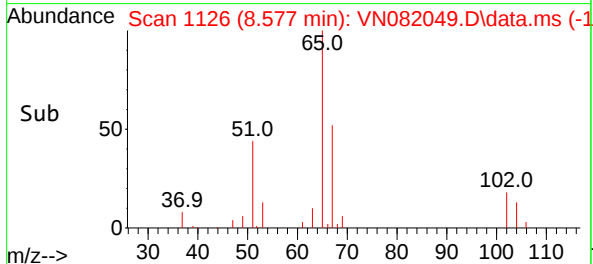
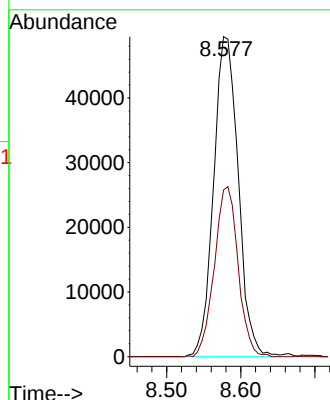
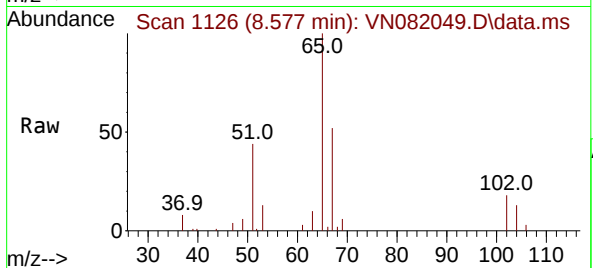
PB160759ZHE#01

Tgt Ion: 65 Resp: 114173

Ion Ratio Lower Upper

65 100

67 51.2 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: VN082049.D

Acq: 09 May 2024 14:34

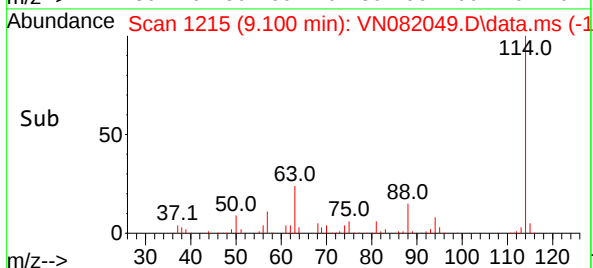
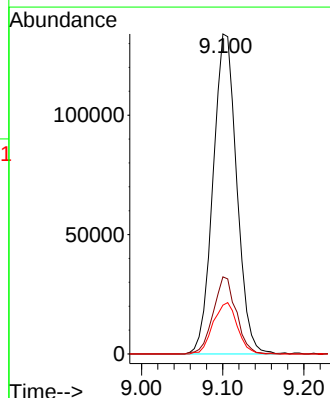
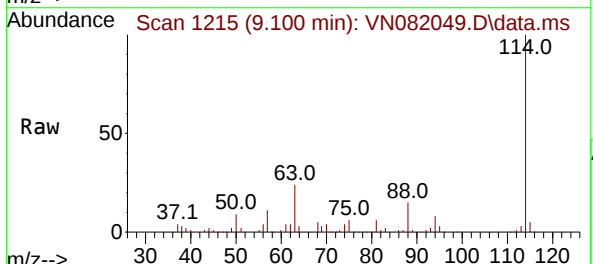
Tgt Ion: 114 Resp: 271526

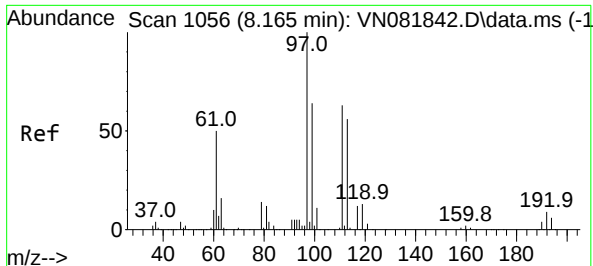
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.875 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082049.D

Acq: 09 May 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#01

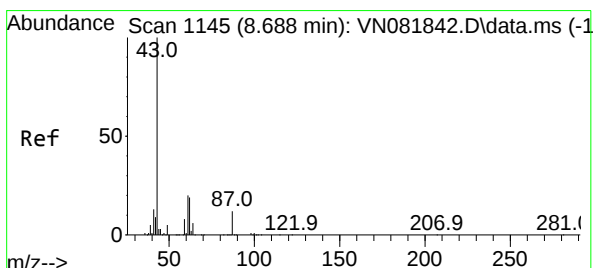
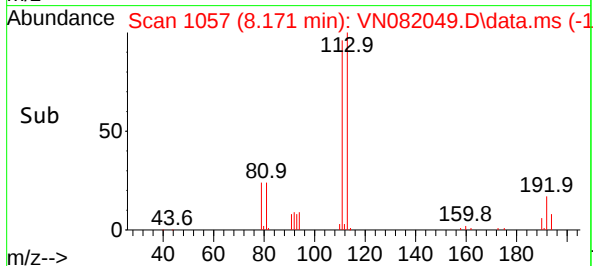
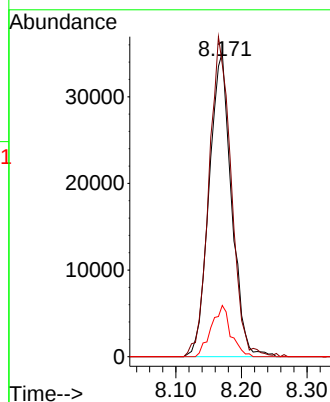
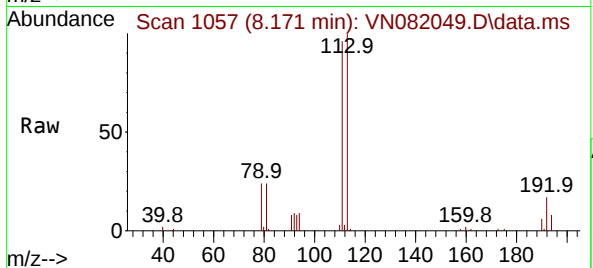
Tgt Ion:113 Resp: 83172

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 14.7 14.0 21.0



#43

Isopropyl Acetate

Concen: 46.488 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082049.D

Acq: 09 May 2024 14:34

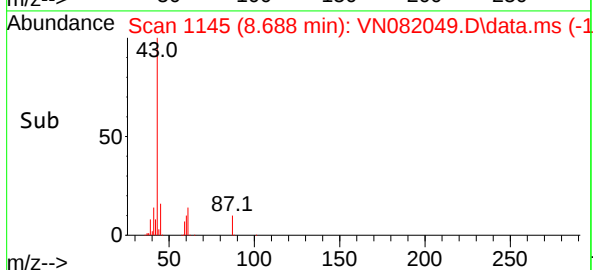
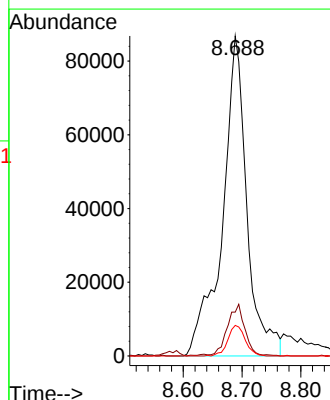
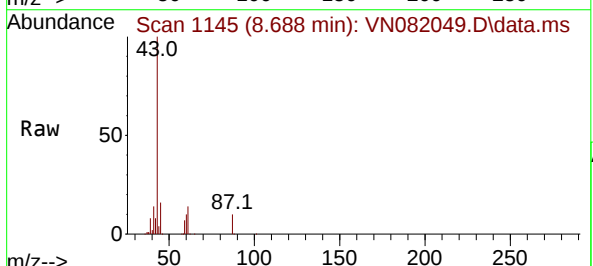
Tgt Ion: 43 Resp: 251362

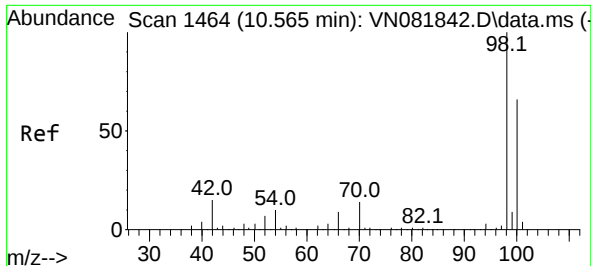
Ion Ratio Lower Upper

43 100

61 11.6 22.8 34.2#

87 6.7 12.0 18.0#

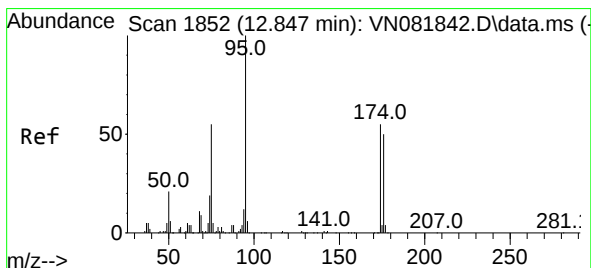
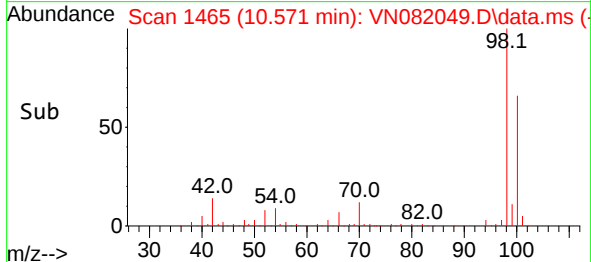
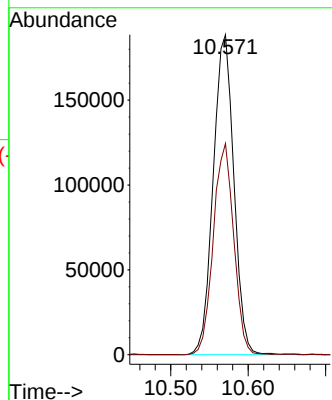
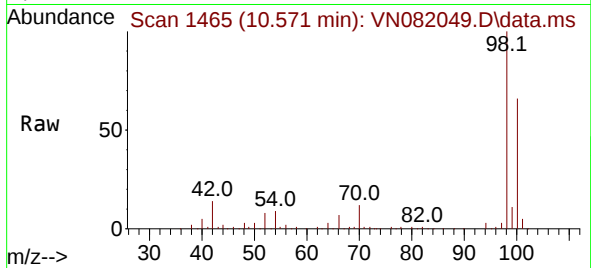




#50
Toluene-d8
Concen: 54.388 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

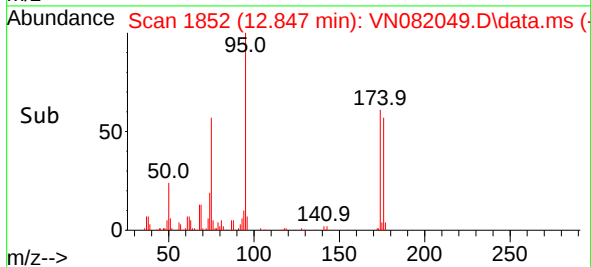
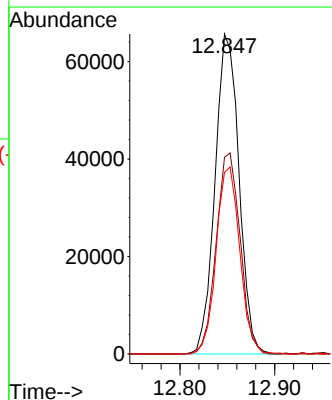
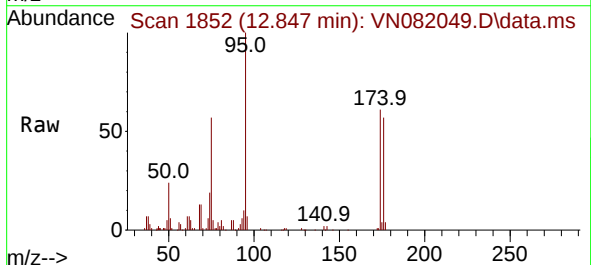
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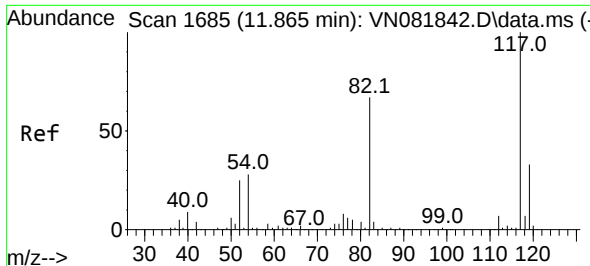
Tgt Ion: 98 Resp: 349205
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

Tgt Ion: 95 Resp: 115439
Ion Ratio Lower Upper
95 100
174 62.9 0.0 160.6
176 57.7 0.0 152.8

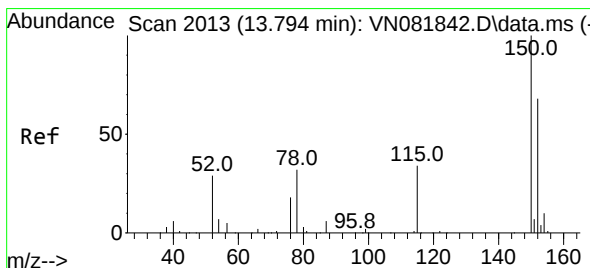
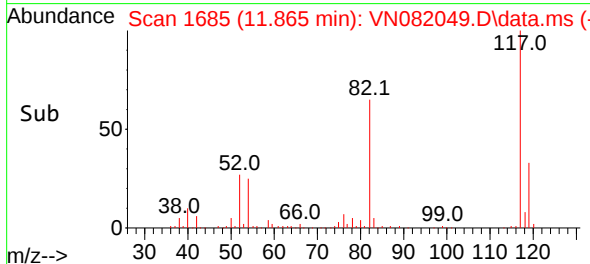
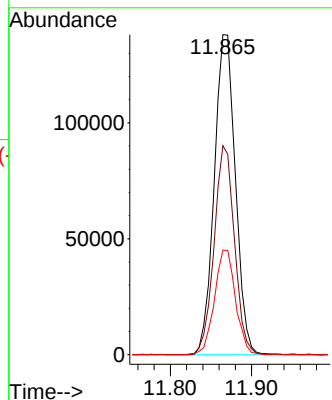
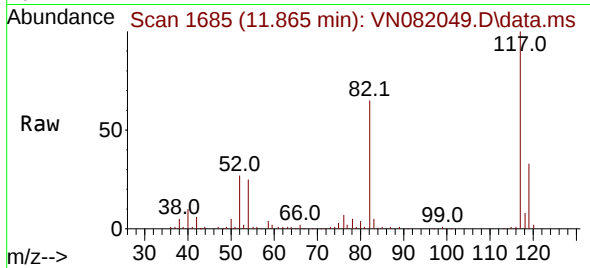




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#01

Tgt Ion:117 Resp: 250508
Ion Ratio Lower Upper
117 100
82 65.3 44.6 66.8
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082049.D
Acq: 09 May 2024 14:34

Tgt Ion:152 Resp: 92522
Ion Ratio Lower Upper
152 100
115 67.5 30.4 91.3
150 160.3 0.0 353.2

