

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082718.D
 Acq On : 25 Jun 2024 15:22
 Operator : JC\MD
 Sample : PB161676ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#10

Quant Time: Jun 26 01:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

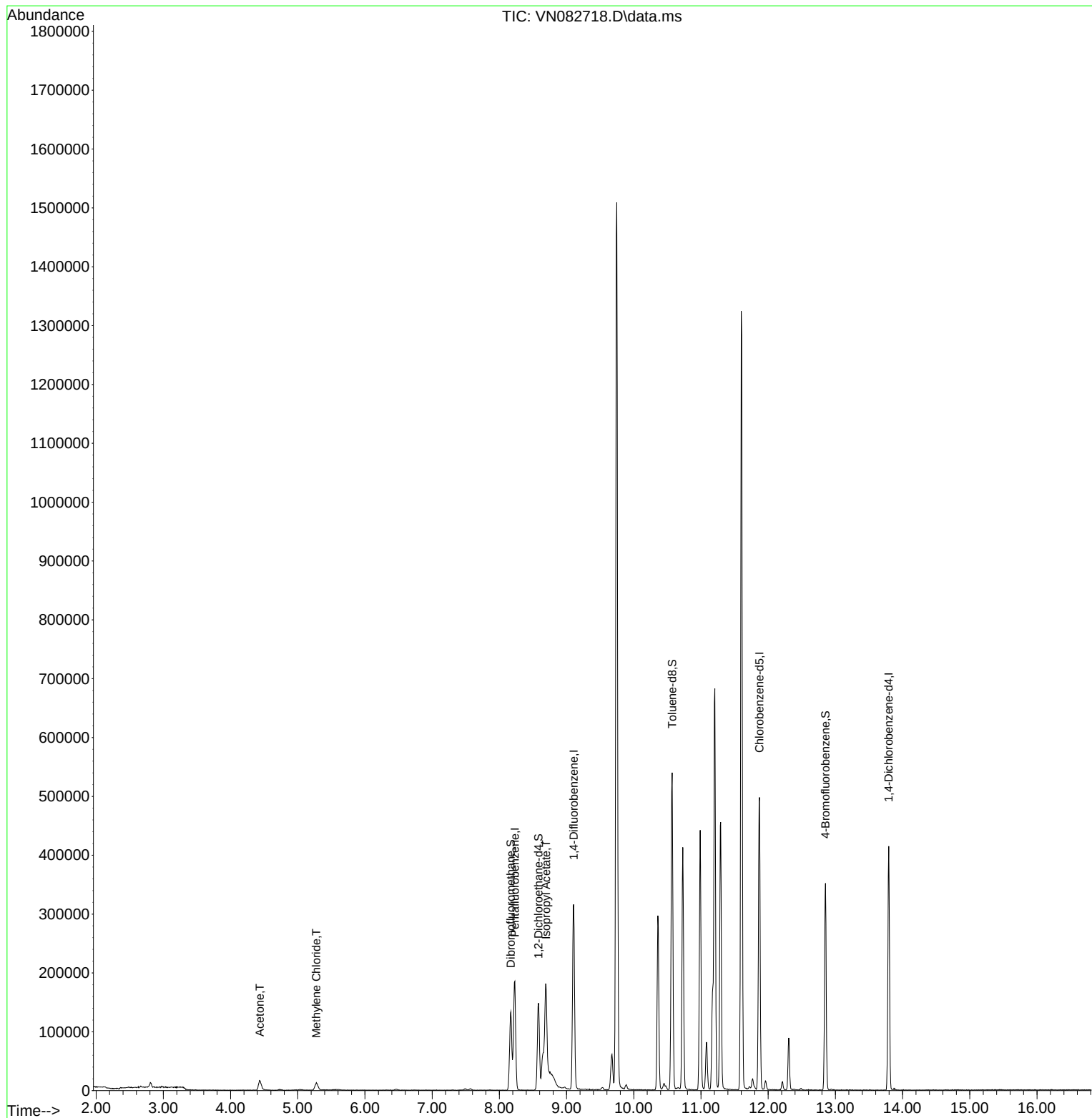
Internal Standards						
1) Pentafluorobenzene	8.230	168	128731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	267582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123936	60.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.080%	
35) Dibromofluoromethane	8.171	113	92871	54.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.080%	
50) Toluene-d8	10.571	98	346520	53.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.853	95	110586	49.353	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.700%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	32734	34.866	ug/l	99
20) Methylene Chloride	5.277	84	9019	5.464	ug/l	97
43) Isopropyl Acetate	8.694	43	321488	52.565	ug/l #	77

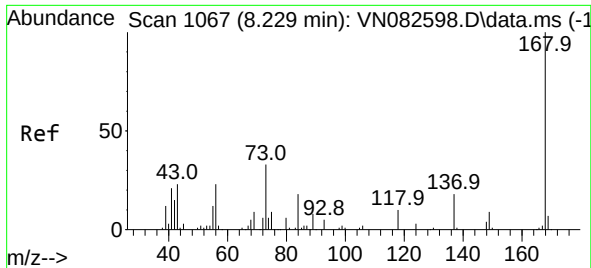
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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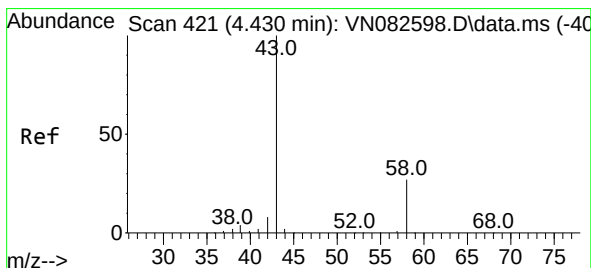
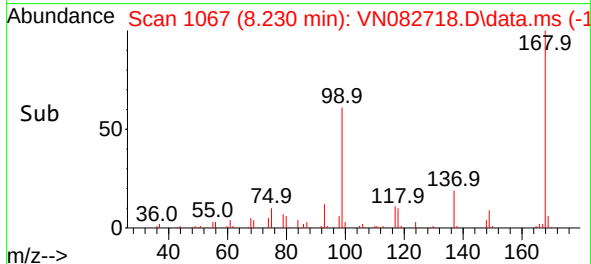
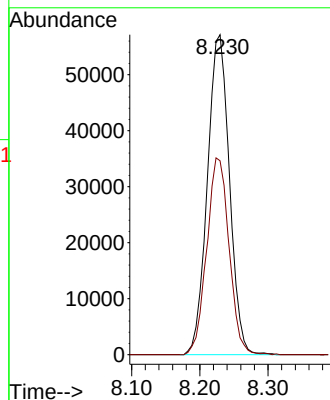
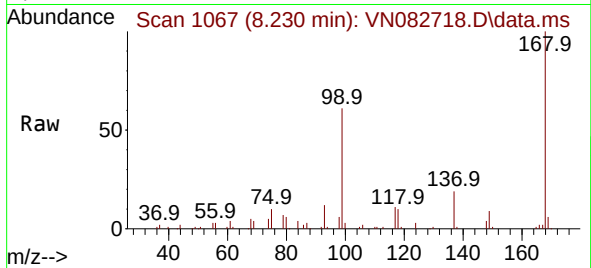




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

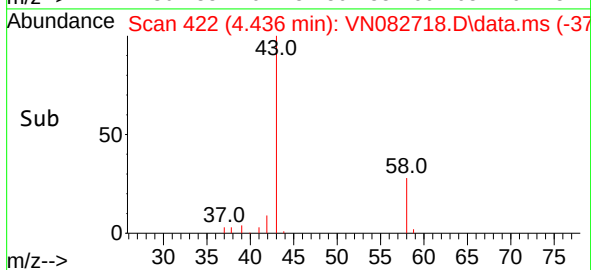
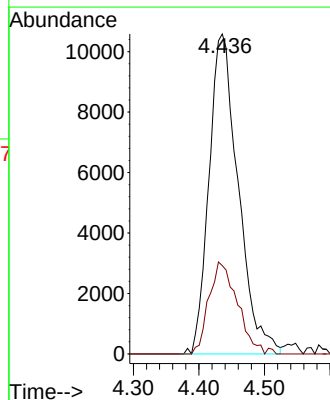
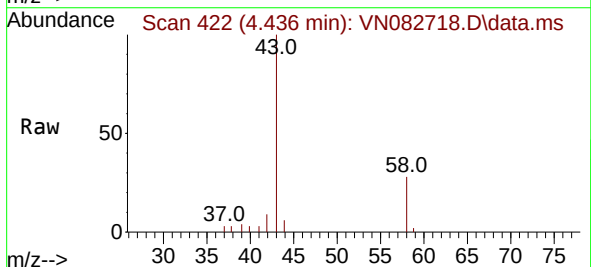
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#10

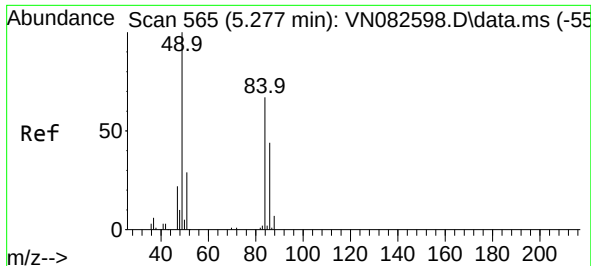
Tgt Ion:168 Resp: 128731
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4



#16
Acetone
Concen: 34.866 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

Tgt Ion: 43 Resp: 32734
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6

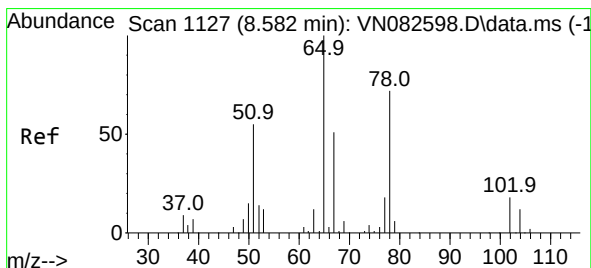
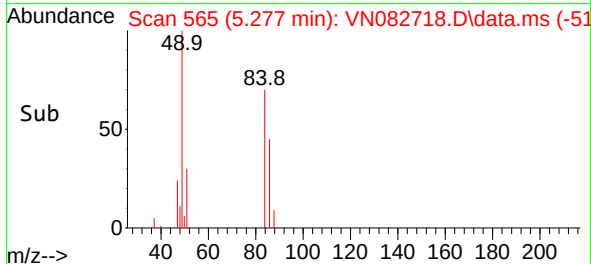
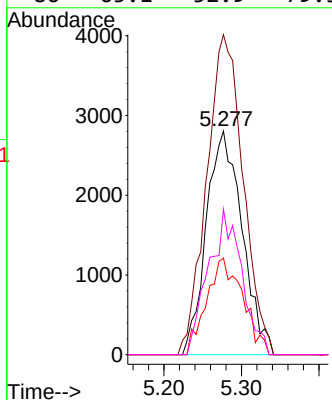
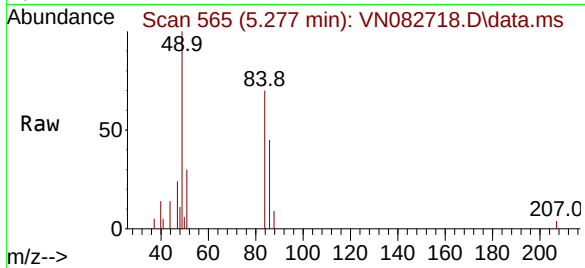




#20
Methylene Chloride
Concen: 5.464 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

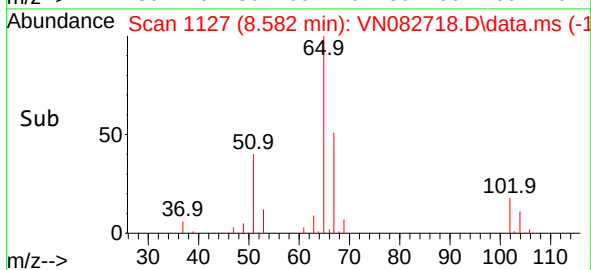
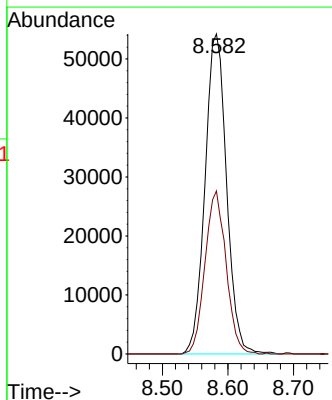
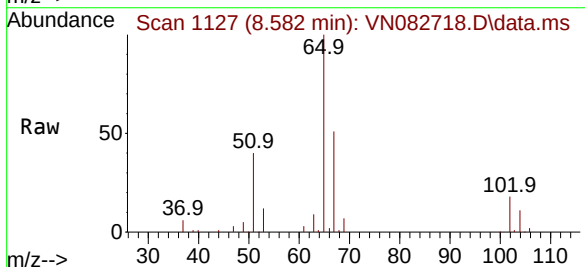
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#10

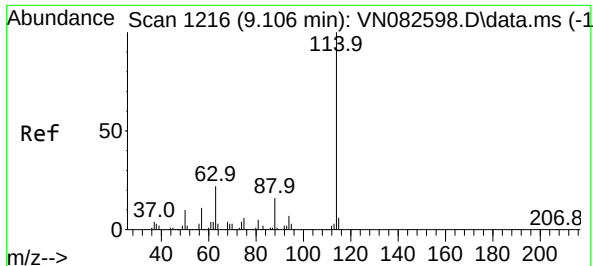
Tgt Ion:	84	Resp:	9019
Ion	Ratio	Lower	Upper
84	100		
49	143.2	119.6	179.4
51	43.2	34.8	52.2
86	65.1	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 60.036 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

Tgt Ion:	65	Resp:	123936
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082718.D

Acq: 25 Jun 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#10

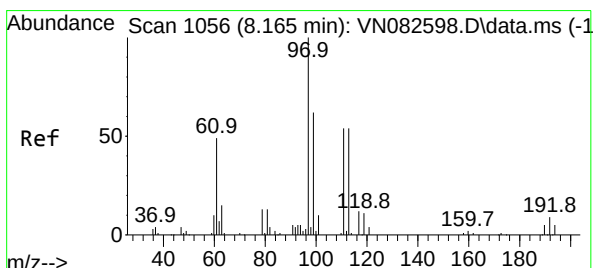
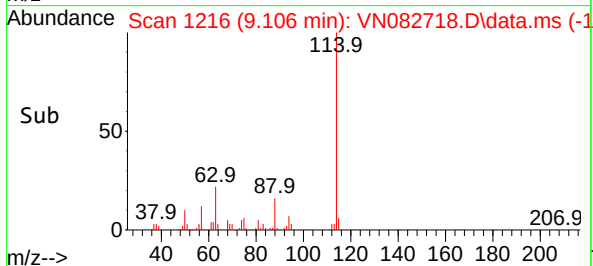
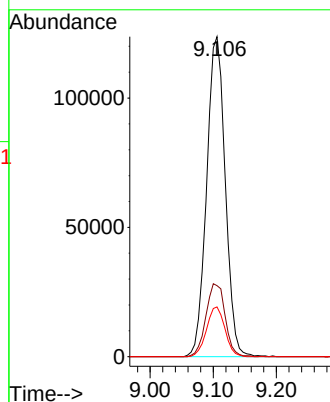
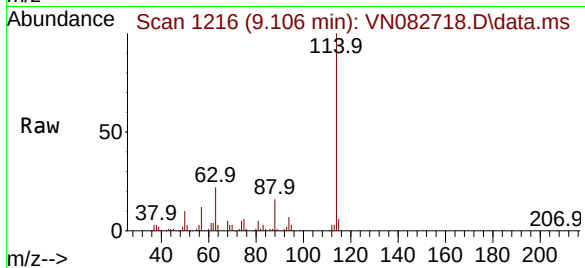
Tgt Ion:114 Resp: 253339

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.038 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082718.D

Acq: 25 Jun 2024 15:22

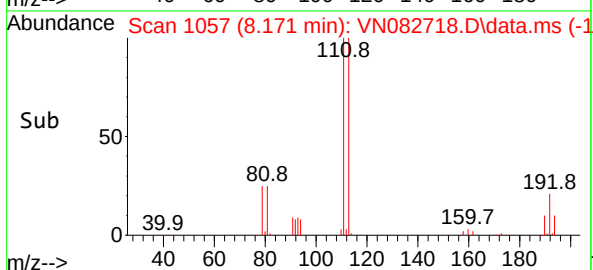
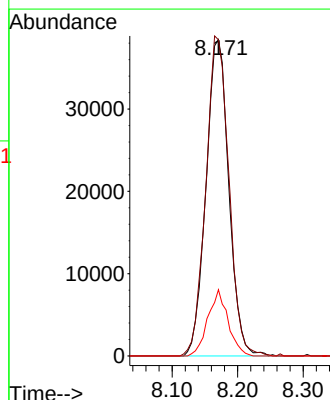
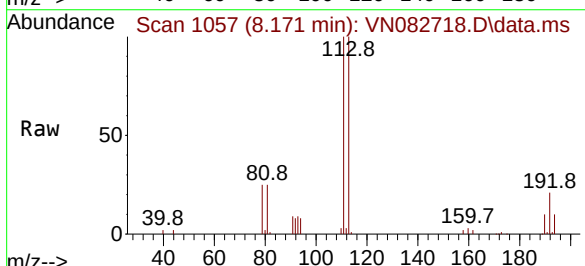
Tgt Ion:113 Resp: 92871

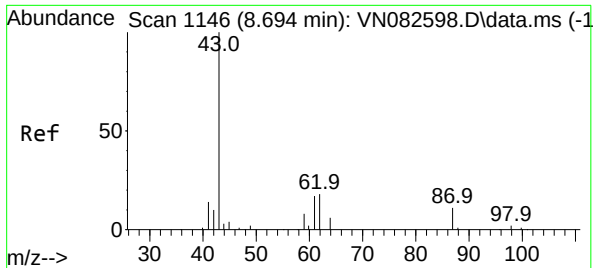
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.5 14.9 22.3

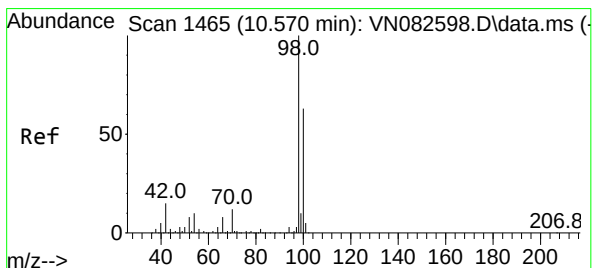
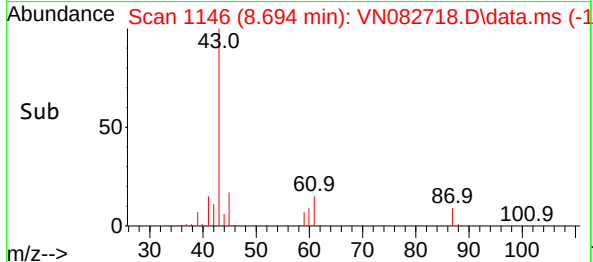
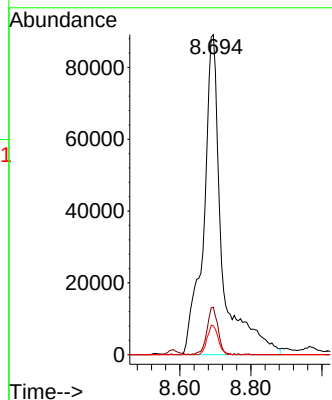
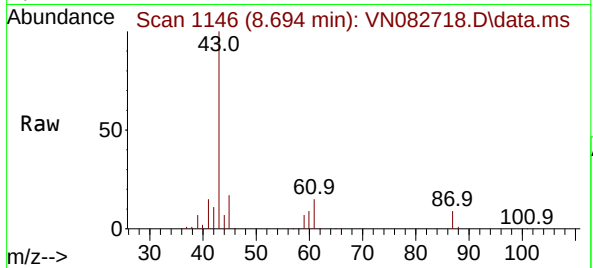




#43
Isopropyl Acetate
Concen: 52.565 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

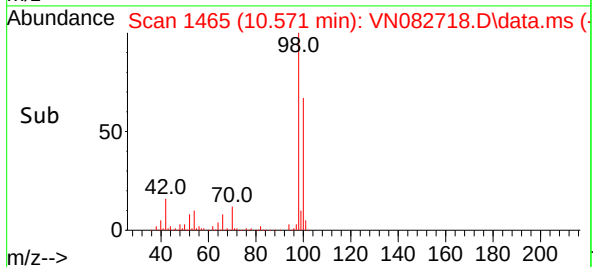
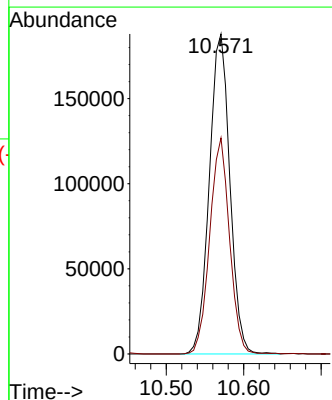
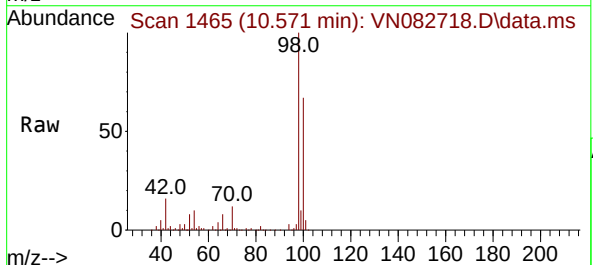
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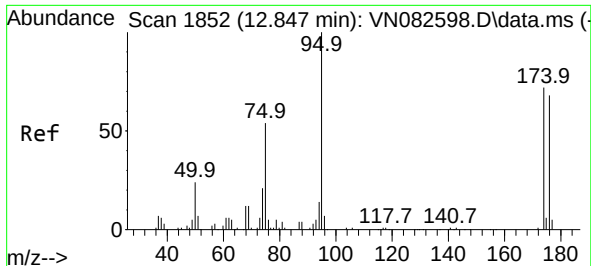
Tgt Ion: 43 Resp: 321488
Ion Ratio Lower Upper
43 100
61 8.9 17.8 26.6#
87 5.5 8.2 12.2#



#50
Toluene-d8
Concen: 53.317 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082718.D
Acq: 25 Jun 2024 15:22

Tgt Ion: 98 Resp: 346520
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 49.353 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082718.D

Acq: 25 Jun 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#10

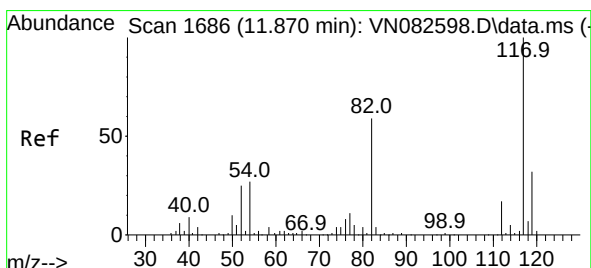
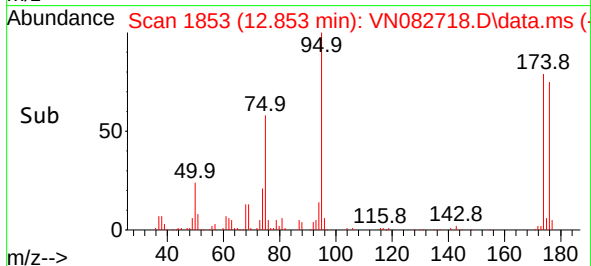
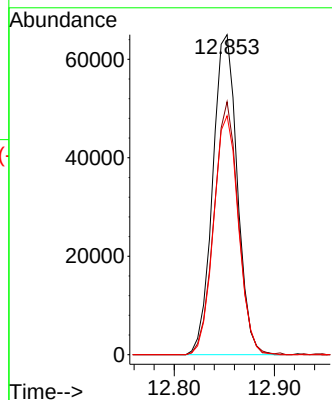
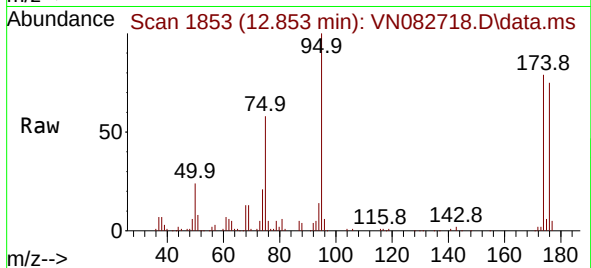
Tgt Ion: 95 Resp: 110586

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.2

176 75.6 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082718.D

Acq: 25 Jun 2024 15:22

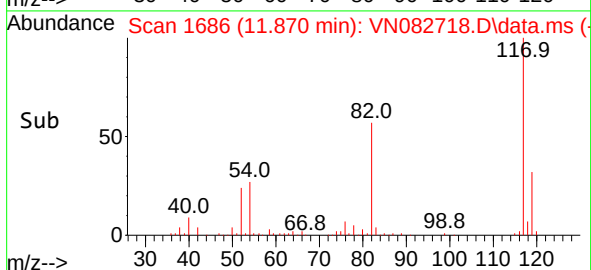
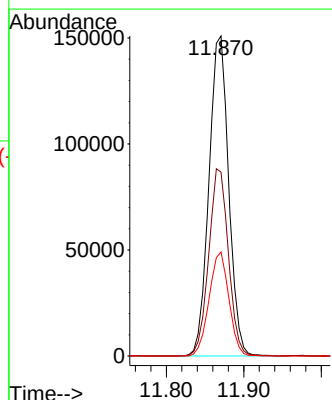
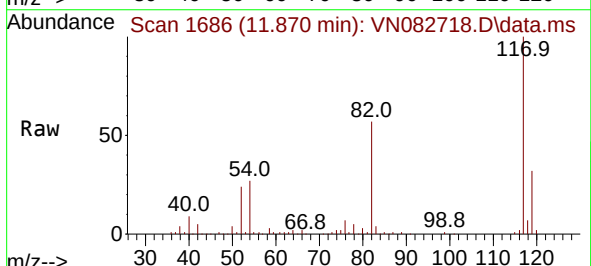
Tgt Ion: 117 Resp: 267582

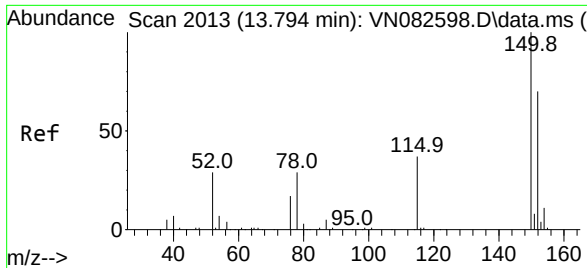
Ion Ratio Lower Upper

117 100

82 57.4 47.5 71.3

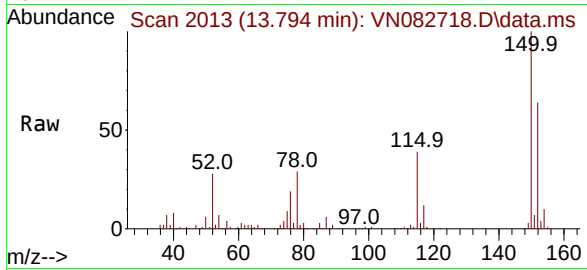
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082718.D
 Acq: 25 Jun 2024 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#10



Tgt Ion:152 Resp: 103274
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.6 91.6
 150 159.4 0.0 348.6

