

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082710.D
 Acq On : 25 Jun 2024 12:07
 Operator : JC\MD
 Sample : PB161676ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#02

Quant Time: Jun 26 01:20:14 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)

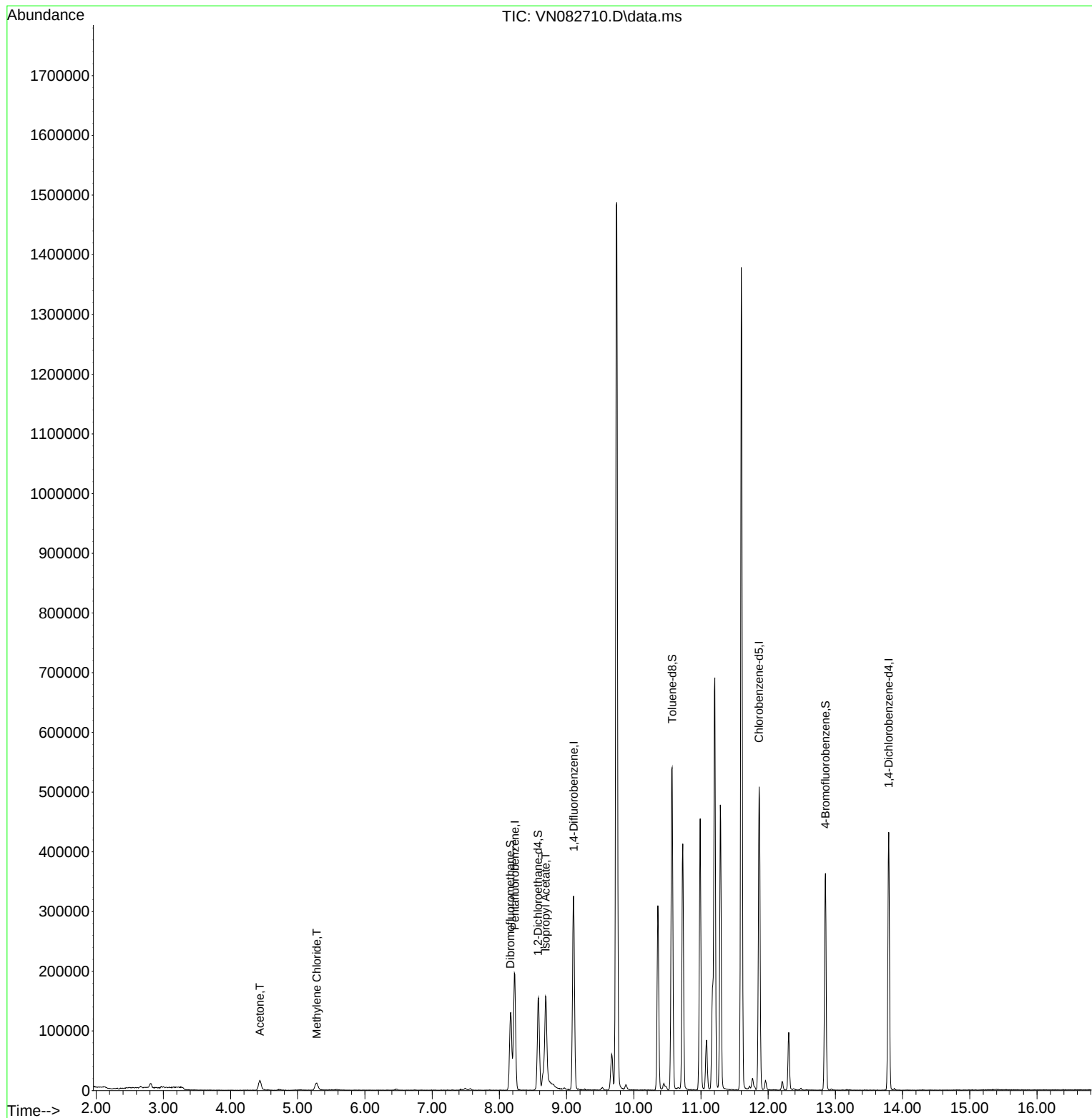
Internal Standards						
1) Pentafluorobenzene	8.230	168	135315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127006	58.529	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.060%	
35) Dibromofluoromethane	8.165	113	93710	52.737	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.480%	
50) Toluene-d8	10.571	98	358169	53.301	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.600%	
62) 4-Bromofluorobenzene	12.853	95	113212	48.867	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	97.740%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	31974	32.399	ug/l	98
20) Methylene Chloride	5.283	84	9023	5.201	ug/l #	82
43) Isopropyl Acetate	8.688	43	215785	34.124	ug/l #	85

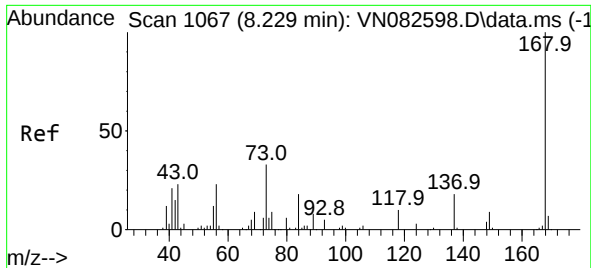
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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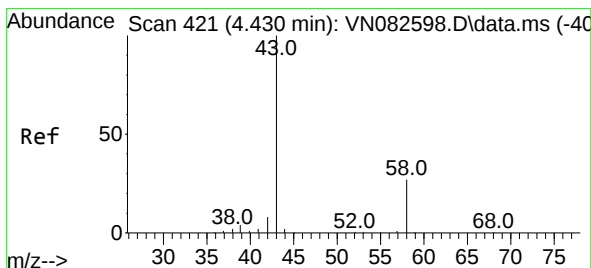
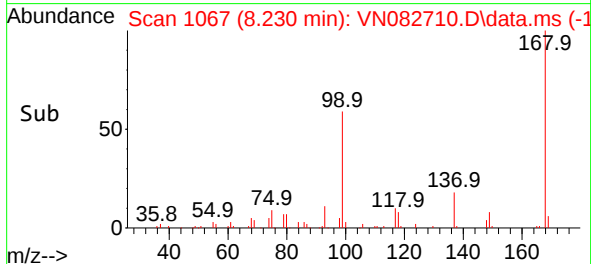
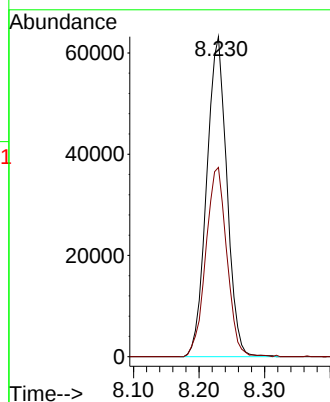
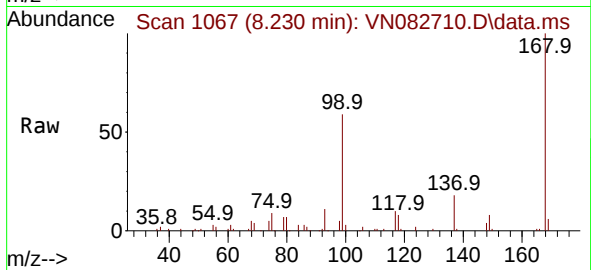




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

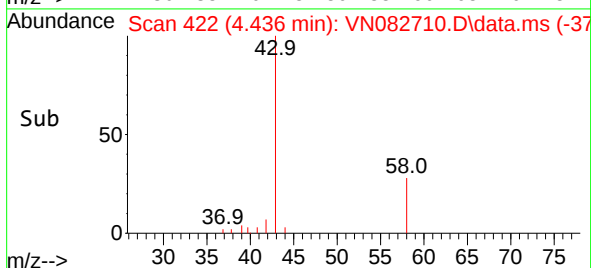
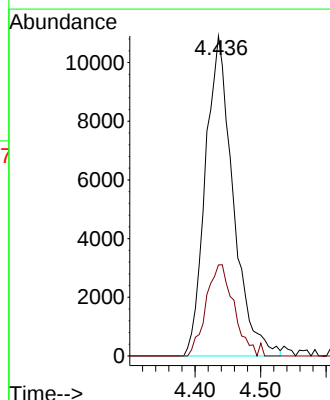
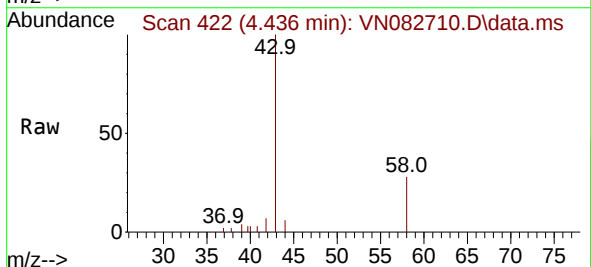
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#02

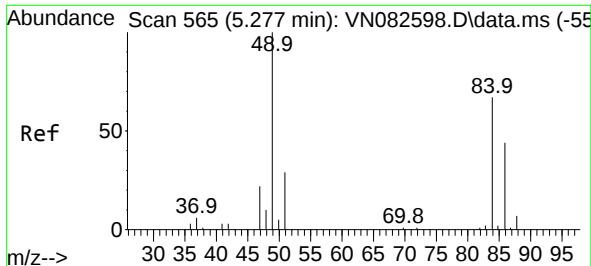
Tgt Ion:168 Resp: 135315
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#16
Acetone
Concen: 32.399 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 43 Resp: 31974
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.6

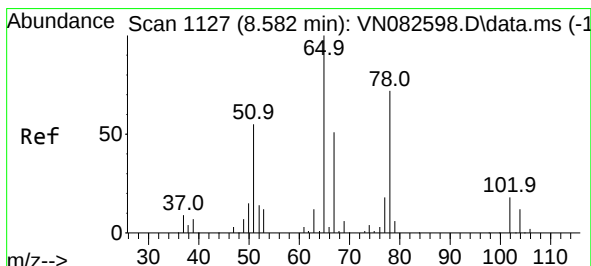
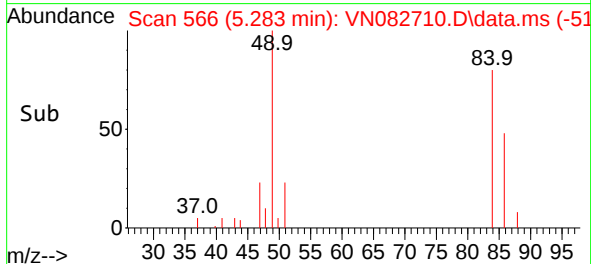
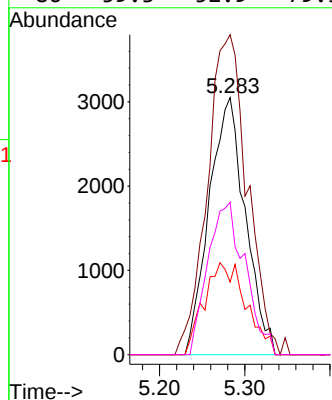
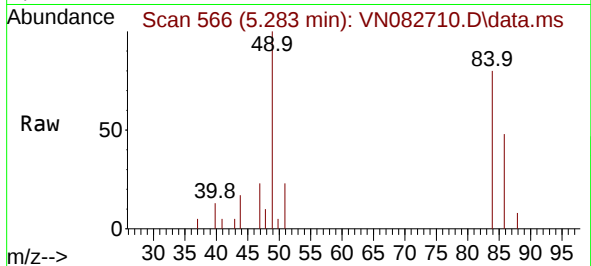




#20
Methylene Chloride
Concen: 5.201 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

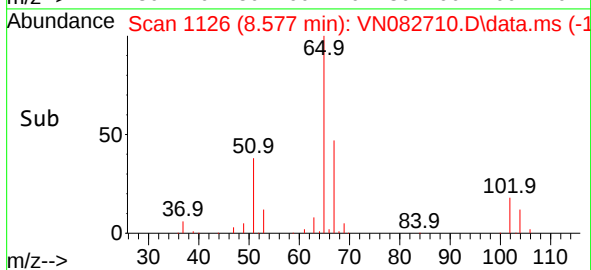
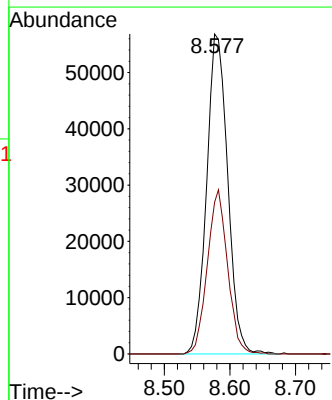
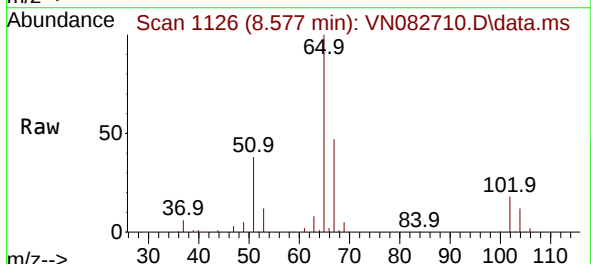
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#02

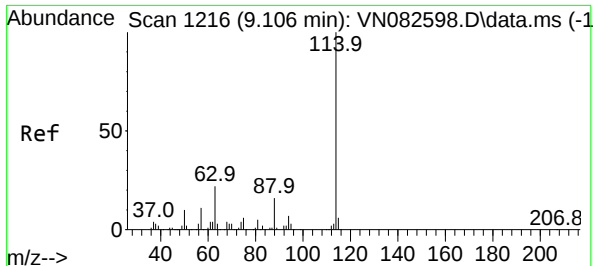
Tgt Ion:	84	Resp:	9023
Ion	Ratio	Lower	Upper
84	100		
49	124.5	119.6	179.4
51	28.2	34.8	52.2#
86	59.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 58.529 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion:	65	Resp:	127006
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082710.D

Acq: 25 Jun 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#02

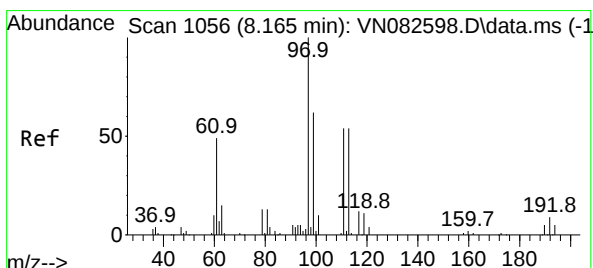
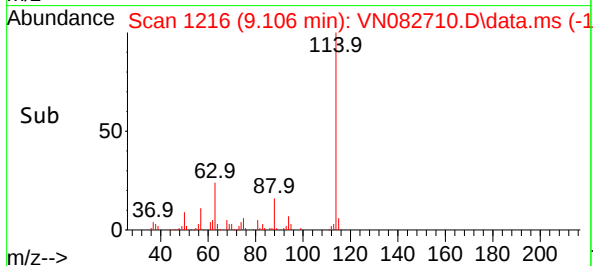
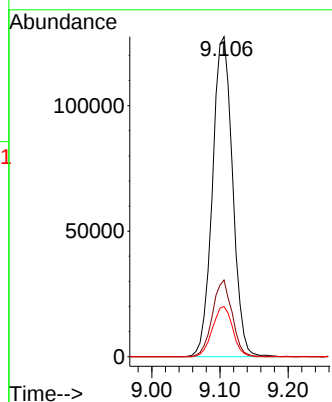
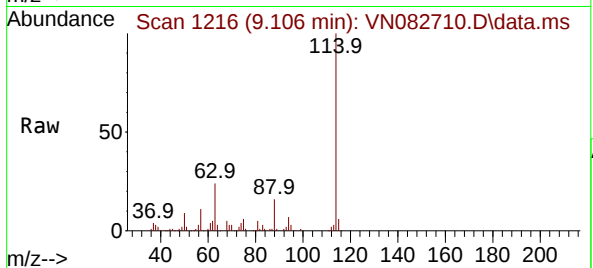
Tgt Ion:114 Resp: 261934

Ion Ratio Lower Upper

114 100

63 24.0 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.737 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082710.D

Acq: 25 Jun 2024 12:07

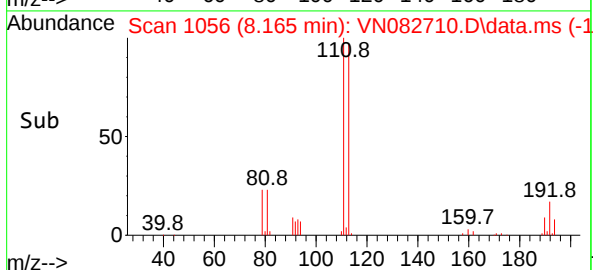
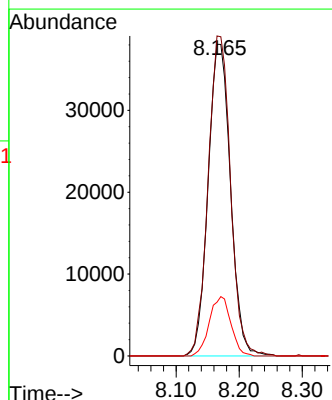
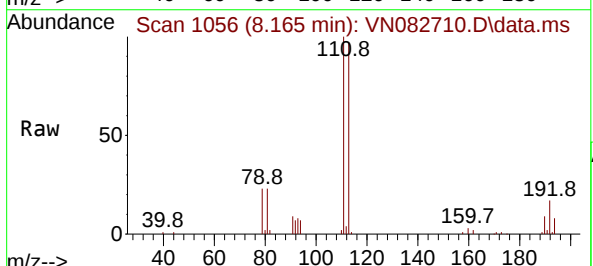
Tgt Ion:113 Resp: 93710

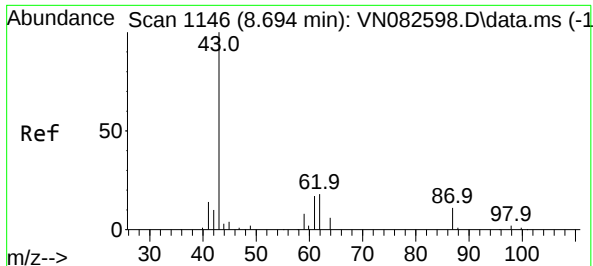
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 18.3 14.9 22.3

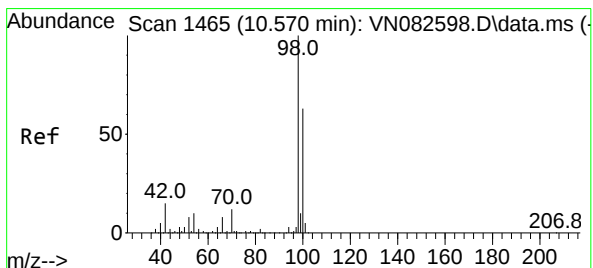
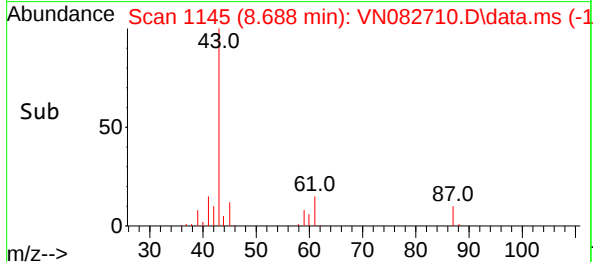
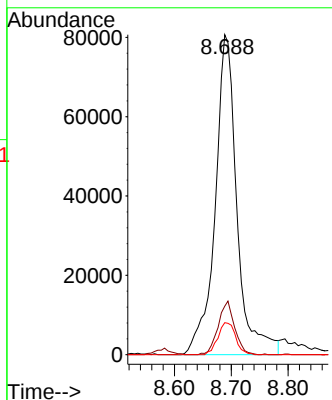
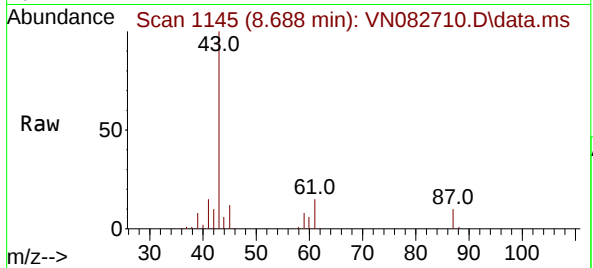




#43
Isopropyl Acetate
Concen: 34.124 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

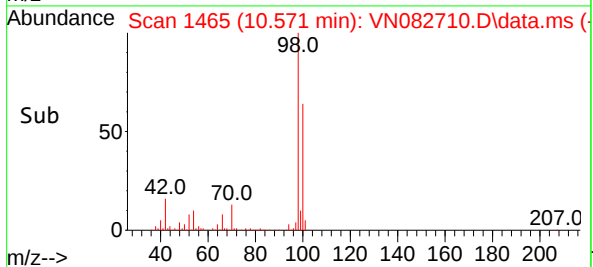
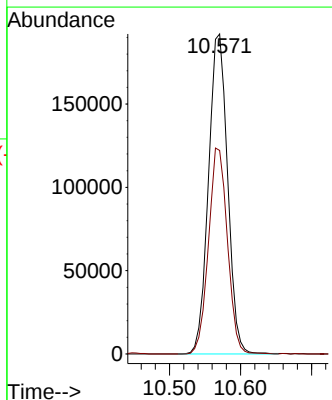
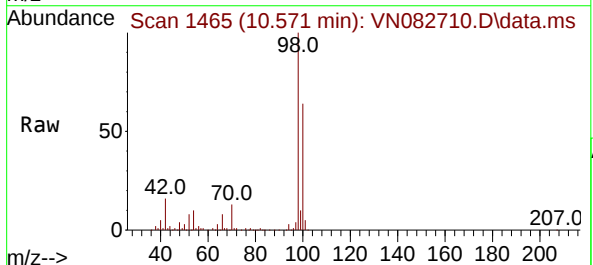
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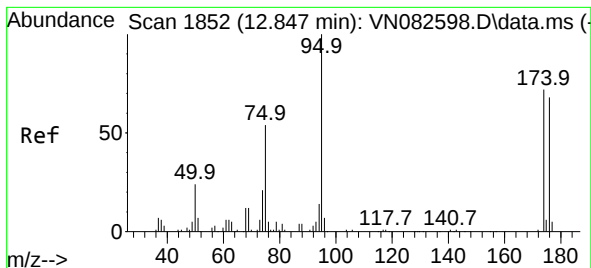
Tgt Ion: 43 Resp: 215785
Ion Ratio Lower Upper
43 100
61 12.7 17.8 26.6#
87 8.1 8.2 12.2#



#50
Toluene-d8
Concen: 53.301 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 98 Resp: 358169
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

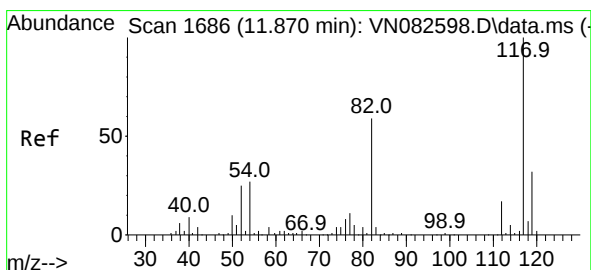
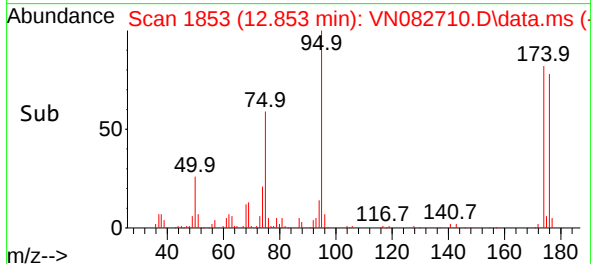
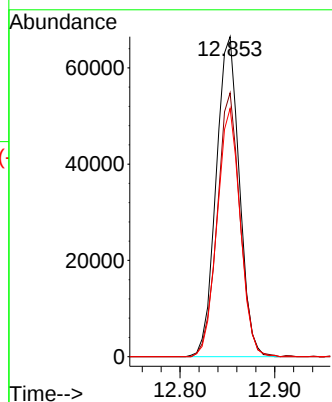
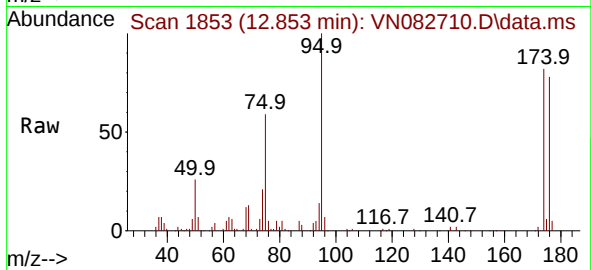




#62
4-Bromofluorobenzene
Concen: 48.867 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

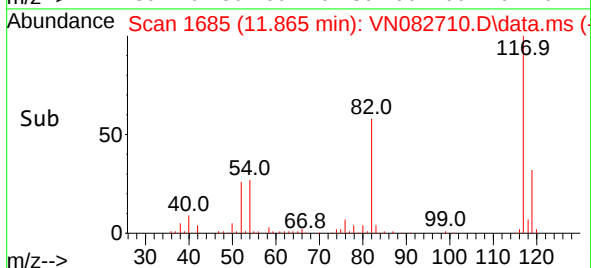
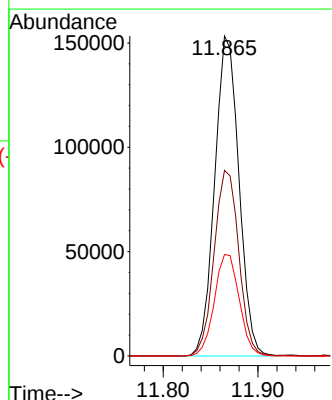
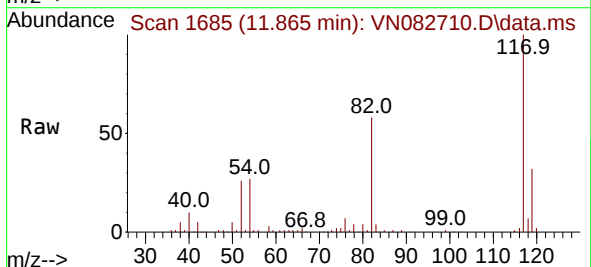
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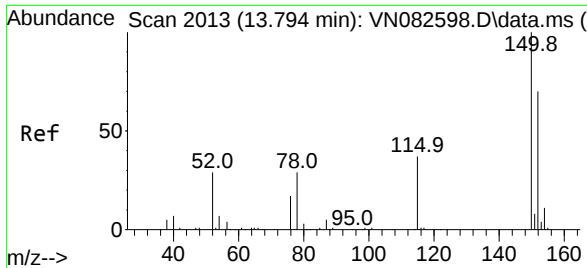
Tgt Ion: 95 Resp: 113212
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.2
176 77.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

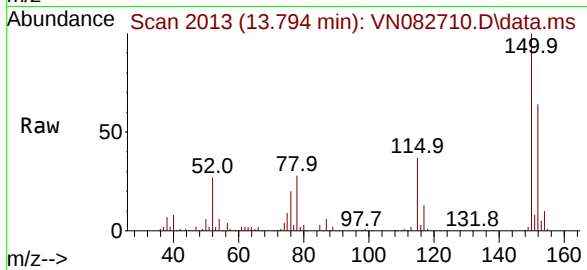
Tgt Ion: 117 Resp: 272996
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082710.D
 Acq: 25 Jun 2024 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#02



Tgt Ion:152 Resp: 108107
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.6 91.6
 150 158.8 0.0 348.6

