

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082712.D
 Acq On : 25 Jun 2024 12:56
 Operator : JC\MD
 Sample : PB161676ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#04

Quant Time: Jun 26 01:21:05 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)

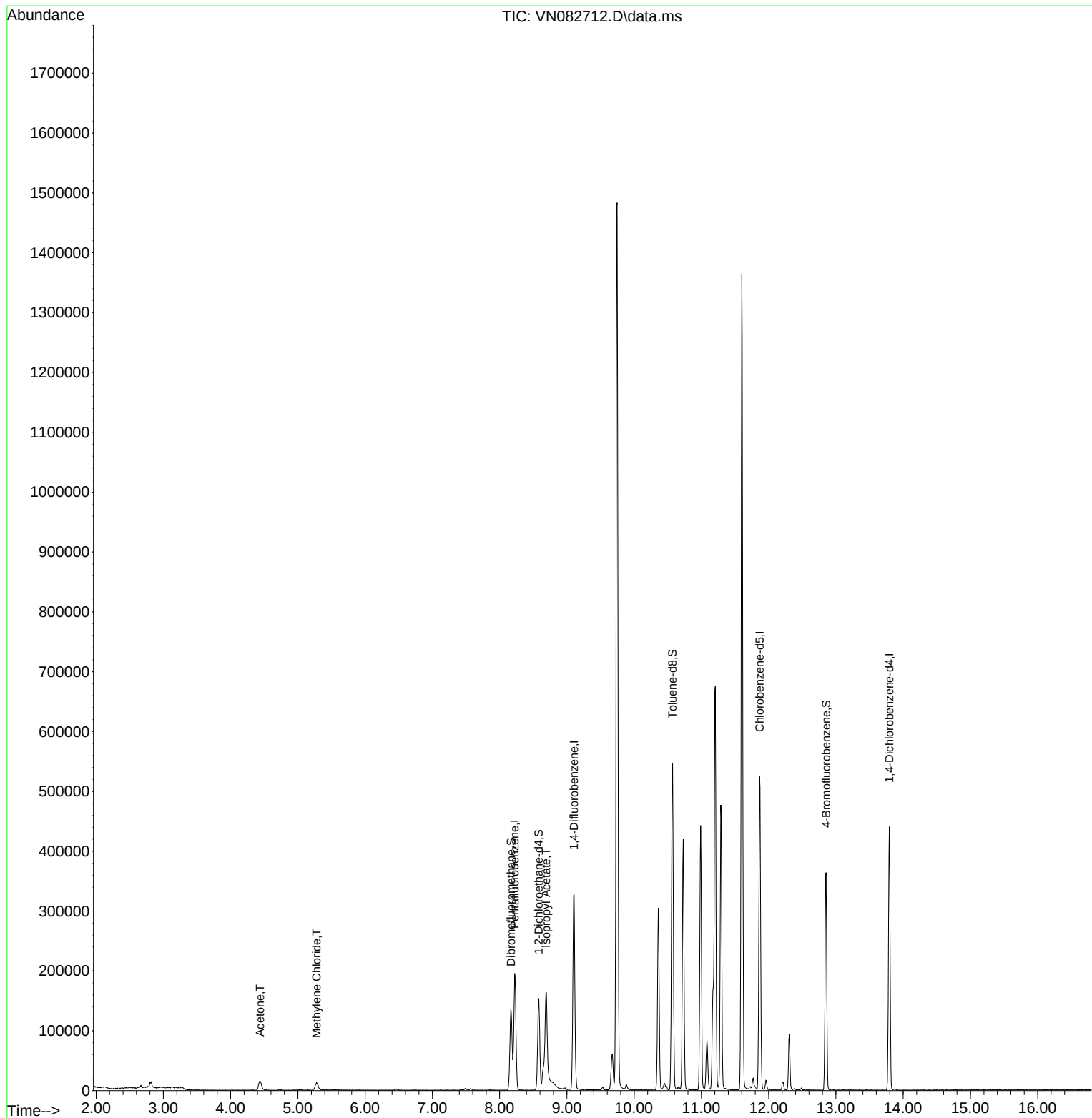
Internal Standards						
1) Pentafluorobenzene	8.224	168	133635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126469	59.014	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.020%		
35) Dibromofluoromethane	8.171	113	94405	52.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.920%		
50) Toluene-d8	10.571	98	362070	53.716	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.440%		
62) 4-Bromofluorobenzene	12.853	95	113197	48.711	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 97.420%		
Target Compounds						Qvalue
16) Acetone	4.436	43	31471	32.291	ug/l	90
20) Methylene Chloride	5.277	84	9369	5.468	ug/l #	88
43) Isopropyl Acetate	8.688	43	234799	37.017	ug/l #	82

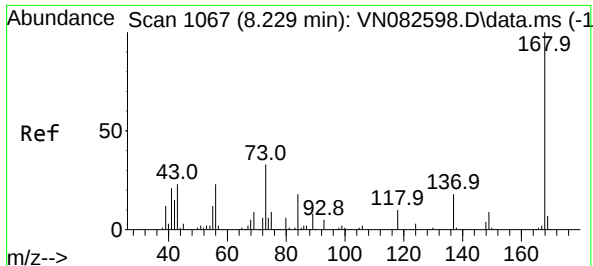
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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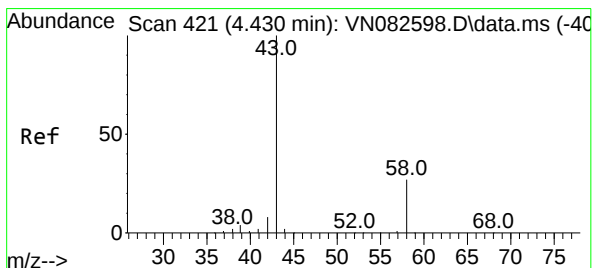
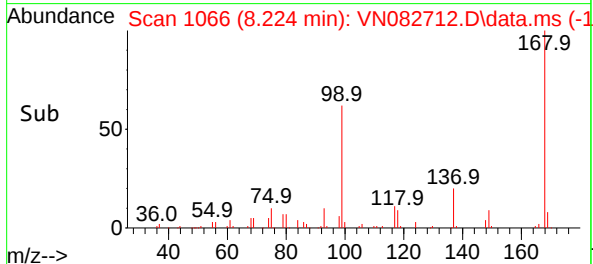
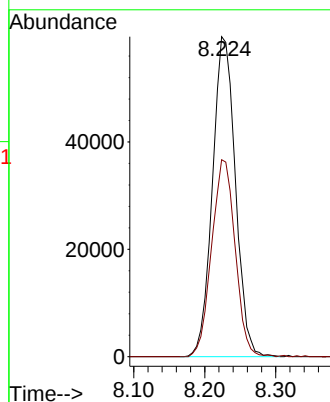
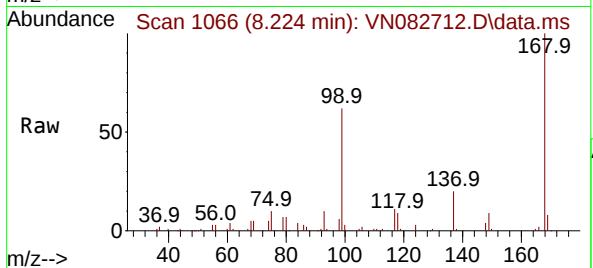




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082712.D
Acq: 25 Jun 2024 12:56

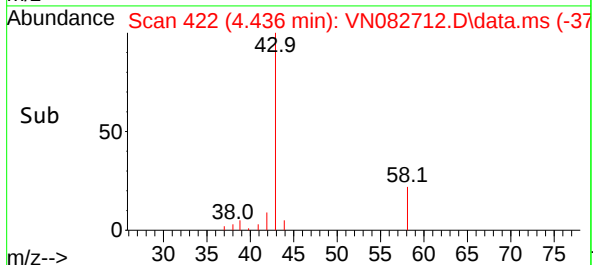
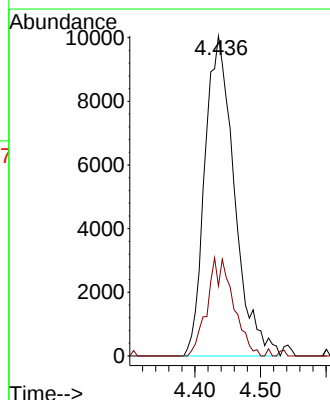
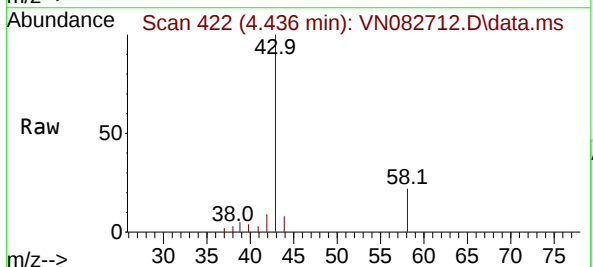
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#04

Tgt Ion:168 Resp: 133635
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#16
Acetone
Concen: 32.291 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082712.D
Acq: 25 Jun 2024 12:56

Tgt Ion: 43 Resp: 31471
Ion Ratio Lower Upper
43 100
58 21.9 21.8 32.6

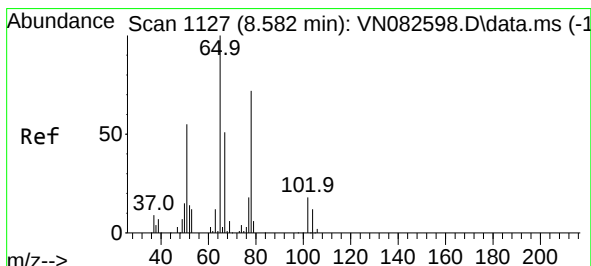
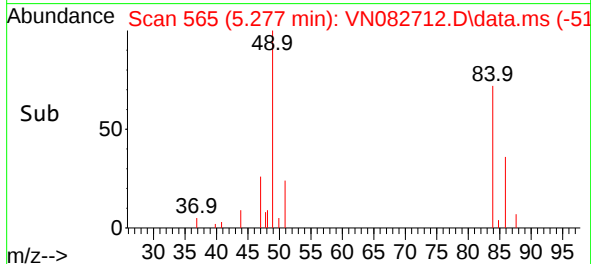
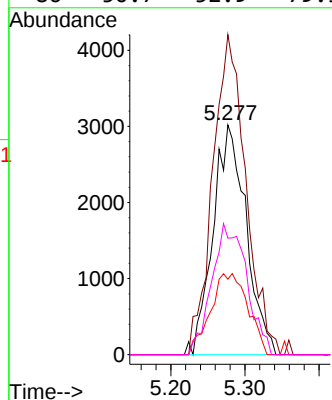
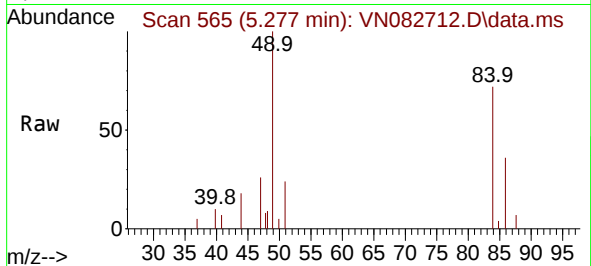




#20
Methylene Chloride
Concen: 5.468 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082712.D
Acq: 25 Jun 2024 12:56

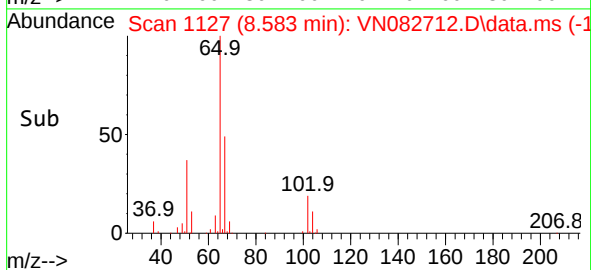
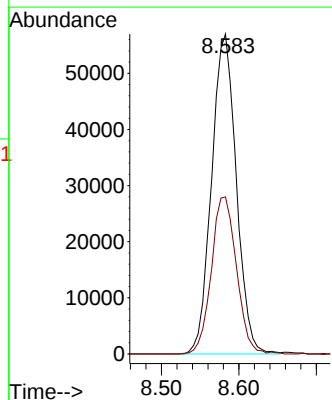
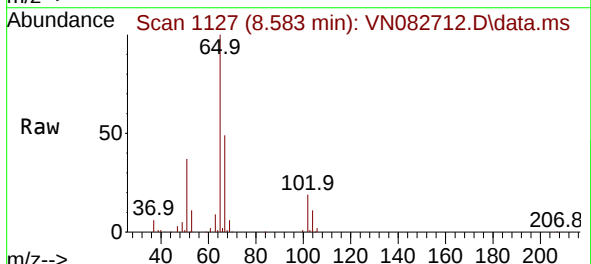
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#04

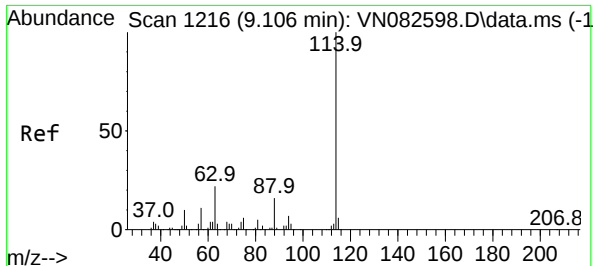
Tgt Ion:	84	Resp:	9369
Ion	Ratio	Lower	Upper
84	100		
49	139.2	119.6	179.4
51	32.8	34.8	52.2#
86	50.7	52.9	79.3#



#33
1,2-Dichloroethane-d4
Concen: 59.014 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082712.D
Acq: 25 Jun 2024 12:56

Tgt Ion:	65	Resp:	126469
Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VN082712.D

Acq: 25 Jun 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#04

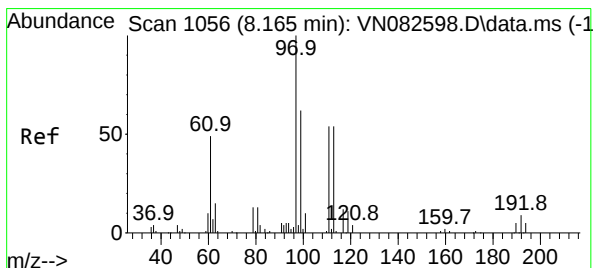
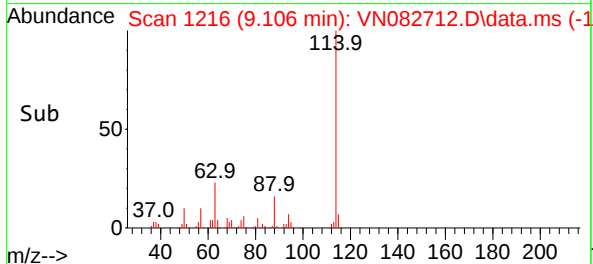
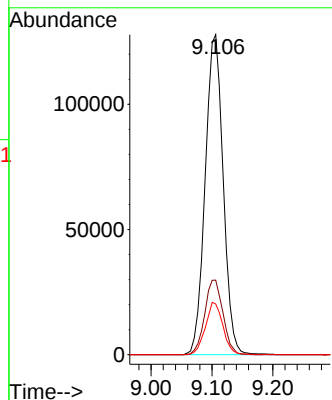
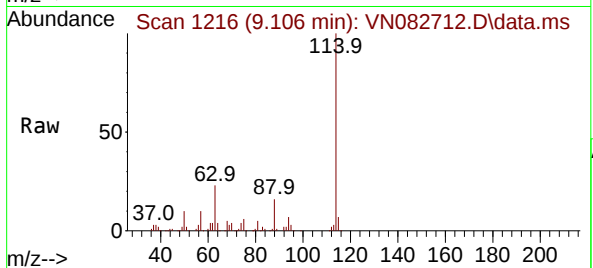
Tgt Ion:114 Resp: 262742

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.965 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082712.D

Acq: 25 Jun 2024 12:56

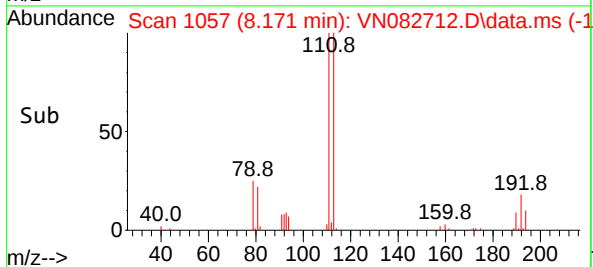
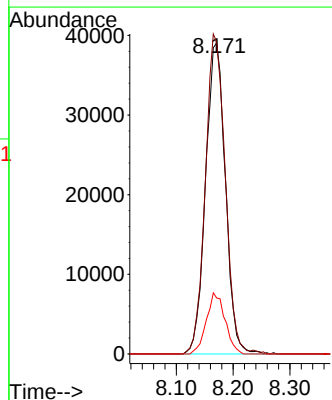
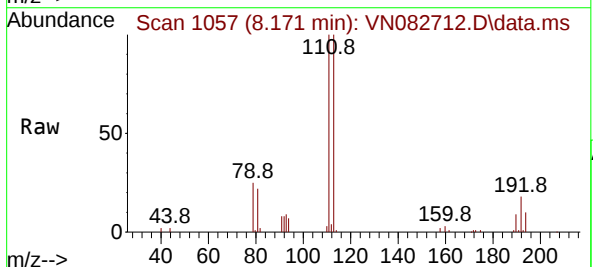
Tgt Ion:113 Resp: 94405

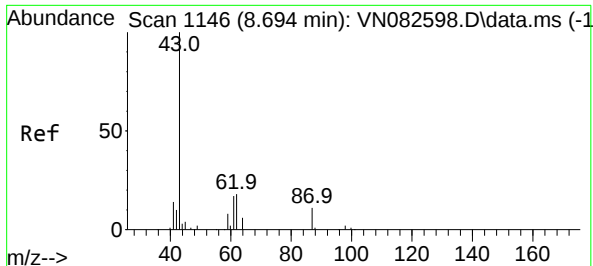
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.5 14.9 22.3





#43

Isopropyl Acetate

Concen: 37.017 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082712.D

Acq: 25 Jun 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#04

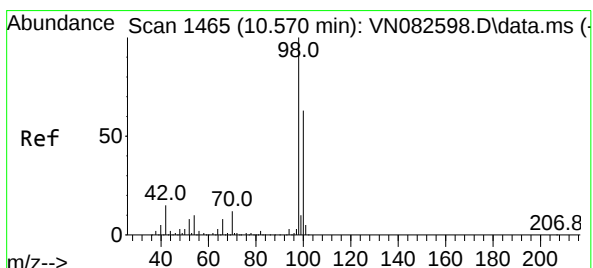
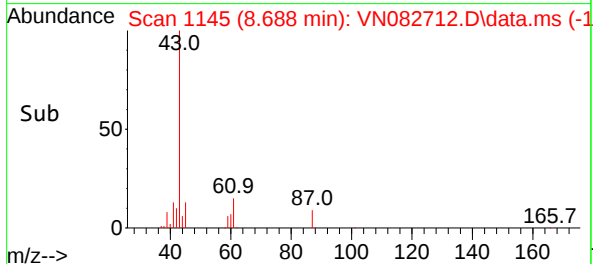
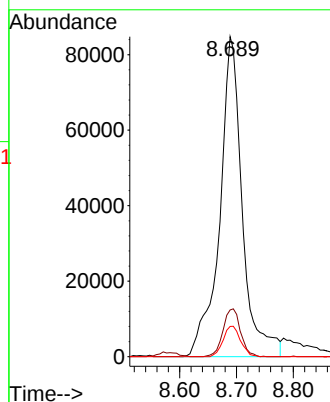
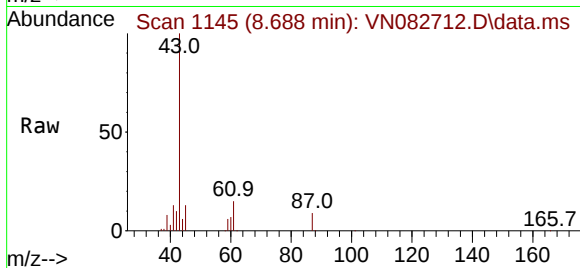
Tgt Ion: 43 Resp: 234799

Ion Ratio Lower Upper

43 100

61 11.6 17.8 26.6#

87 7.3 8.2 12.2#



#50

Toluene-d8

Concen: 53.716 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082712.D

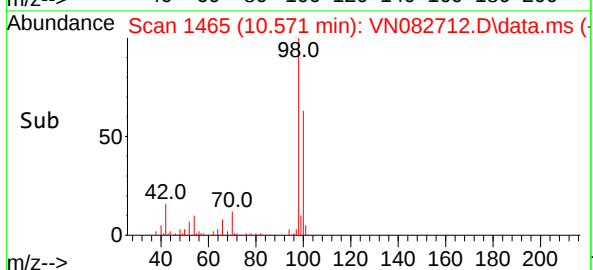
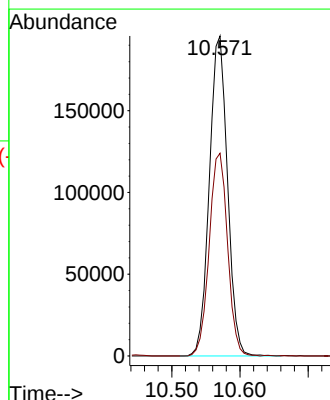
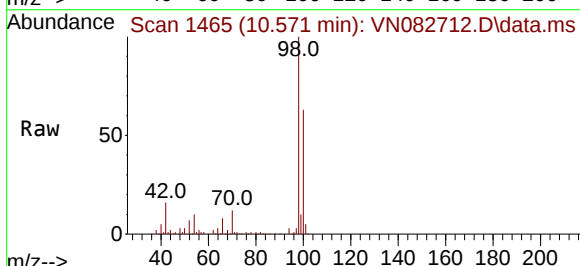
Acq: 25 Jun 2024 12:56

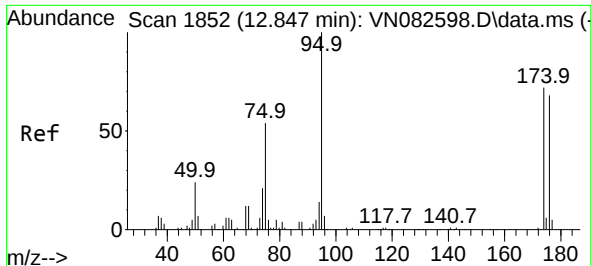
Tgt Ion: 98 Resp: 362070

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 48.711 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082712.D

Acq: 25 Jun 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#04

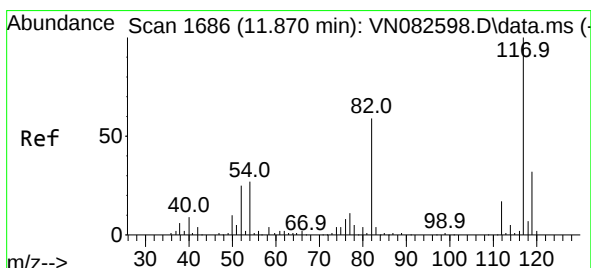
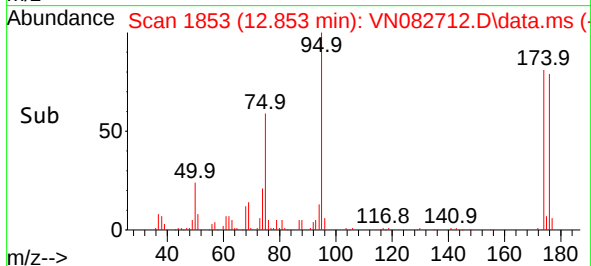
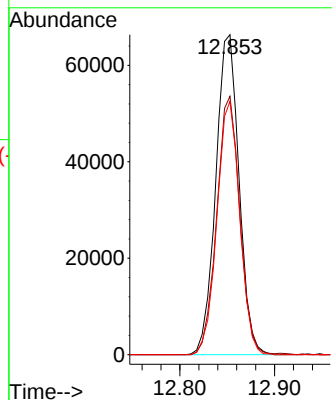
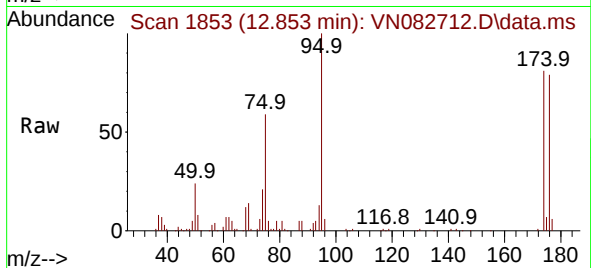
Tgt Ion: 95 Resp: 113197

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

176 77.2 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: VN082712.D

Acq: 25 Jun 2024 12:56

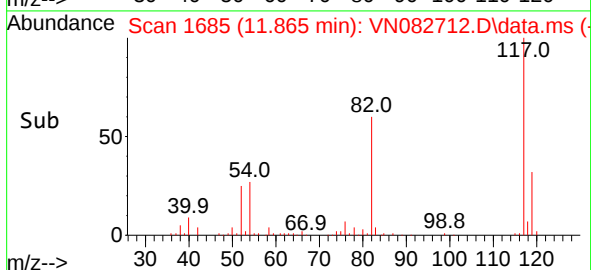
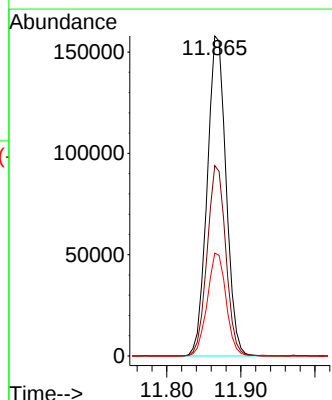
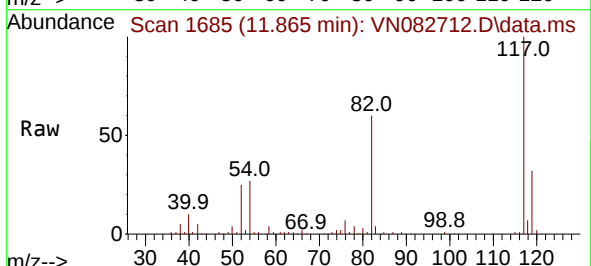
Tgt Ion: 117 Resp: 279250

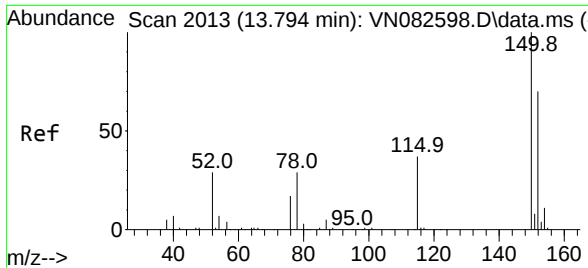
Ion Ratio Lower Upper

117 100

82 59.5 47.5 71.3

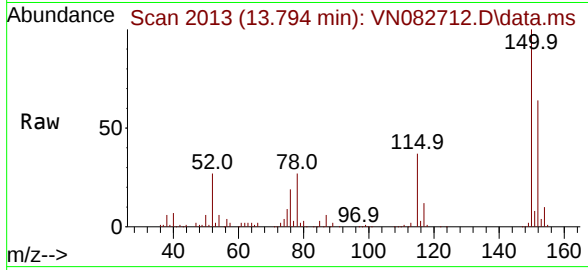
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082712.D
 Acq: 25 Jun 2024 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#04



Tgt Ion:152 Resp: 110677
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 157.0 0.0 348.6

