

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080109.D
 Acq On : 15 Nov 2023 14:42
 Operator : JC\MD
 Sample : 05388-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Nov 15 21:52:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

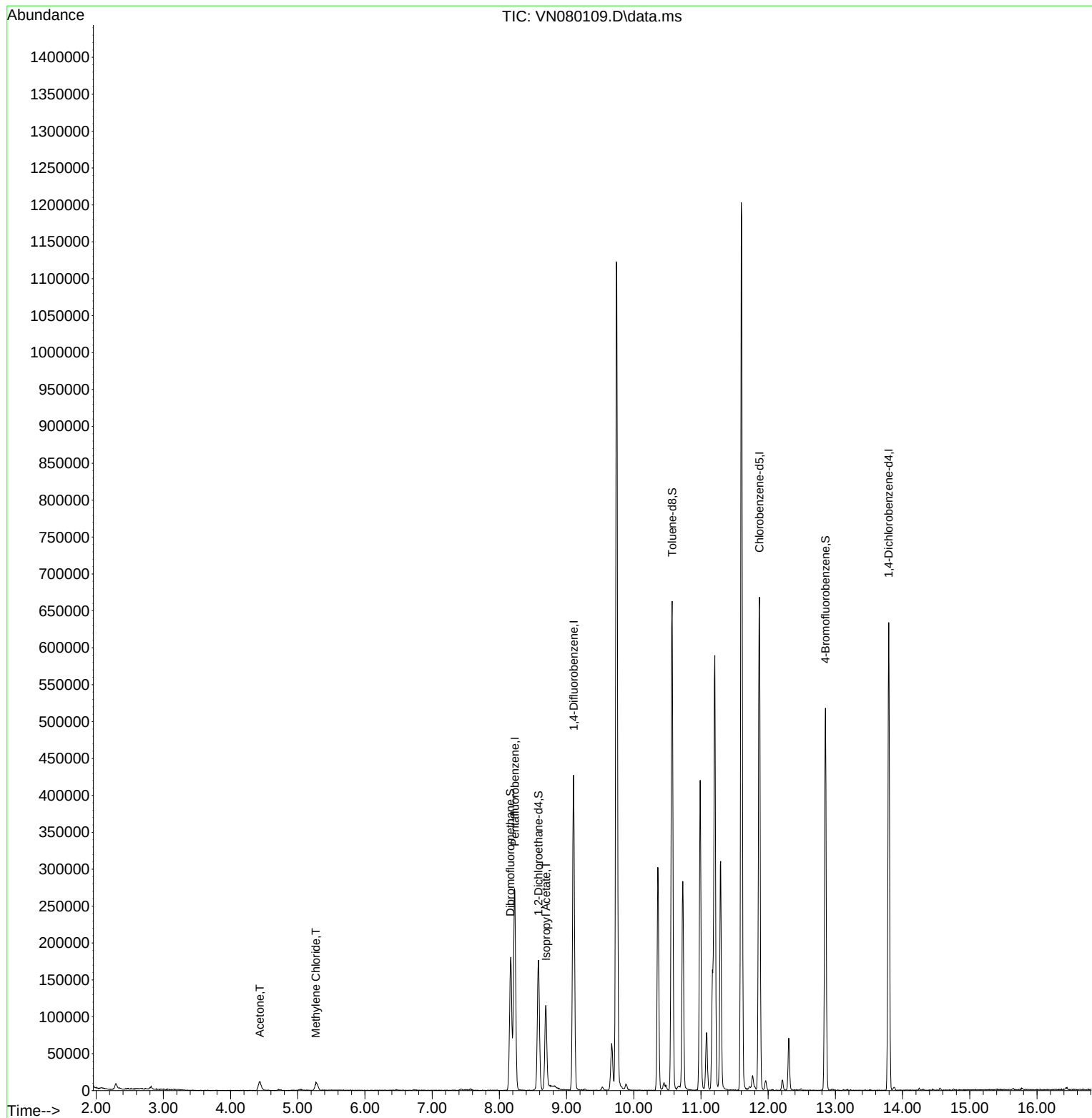
Internal Standards						
1) Pentafluorobenzene	8.230	168	188414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	350107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	383729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	163546	56.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.940%
35) Dibromofluoromethane	8.165	113	125381	50.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	10.571	98	461722	50.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.853	95	180297	59.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.200%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	24147	23.948	ug/l #	87
20) Methylene Chloride	5.271	84	8660	3.404	ug/l #	82
43) Isopropyl Acetate	8.694	43	132218	23.235	ug/l #	85

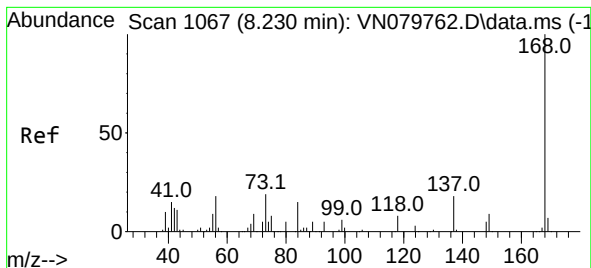
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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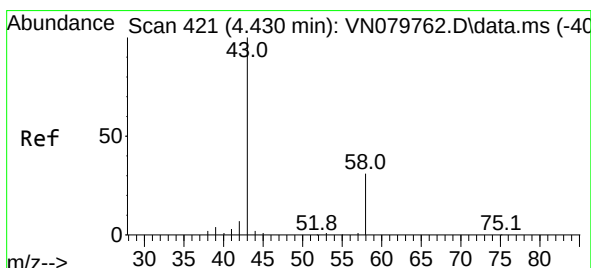
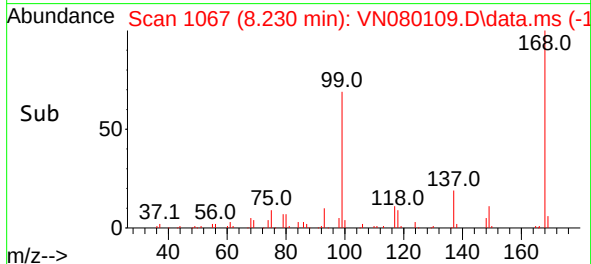
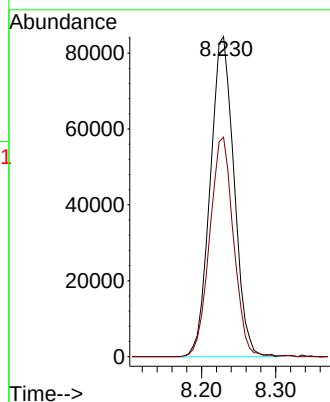
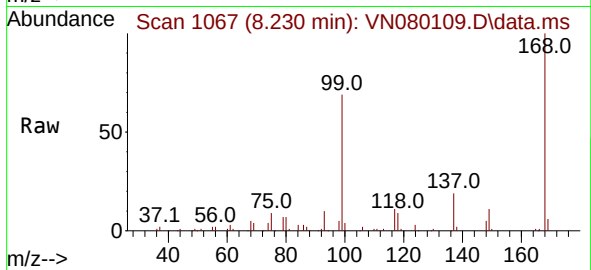




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080109.D
Acq: 15 Nov 2023 14:42

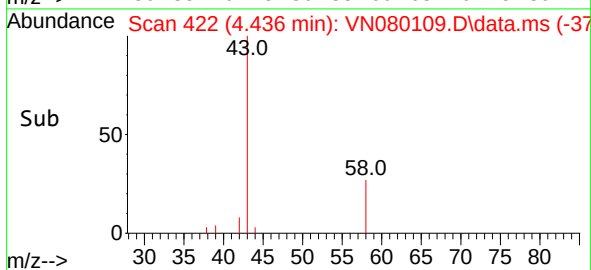
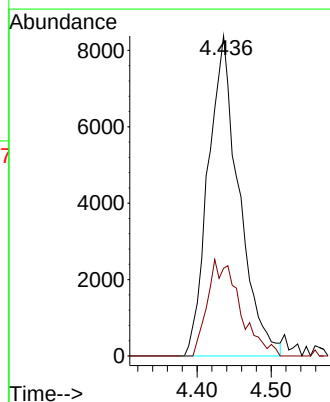
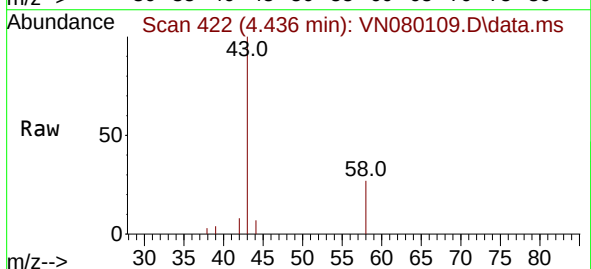
Instrument :
MSVOA_N
ClientSampleId :
TP-4

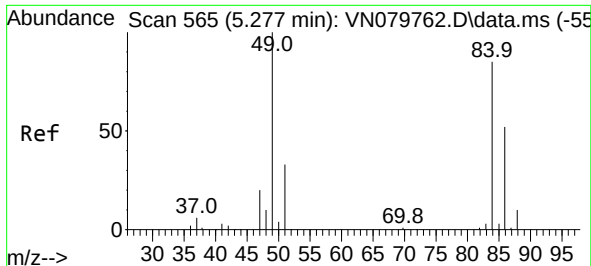
Tgt Ion:168 Resp: 188414
Ion Ratio Lower Upper
168 100
99 68.6 53.0 79.6



#16
Acetone
Concen: 23.948 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080109.D
Acq: 15 Nov 2023 14:42

Tgt Ion: 43 Resp: 24147
Ion Ratio Lower Upper
43 100
58 27.4 28.0 42.0#

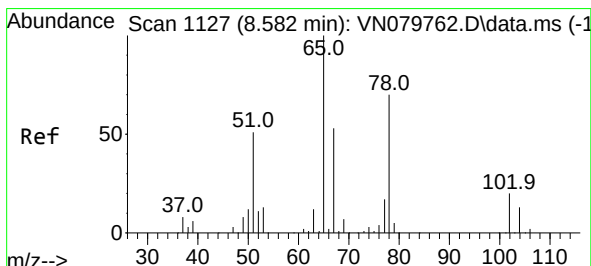
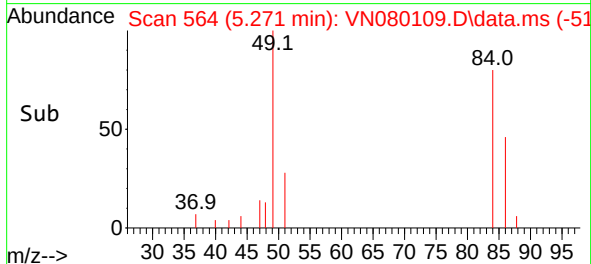
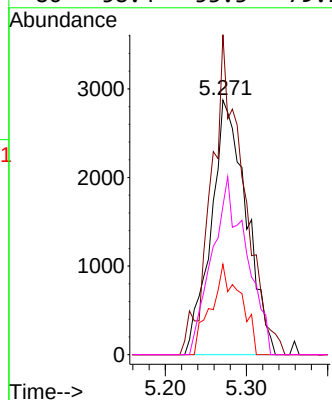
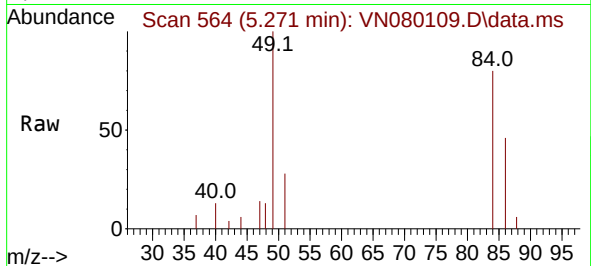




#20
Methylene Chloride
Concen: 3.404 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080109.D
Acq: 15 Nov 2023 14:42

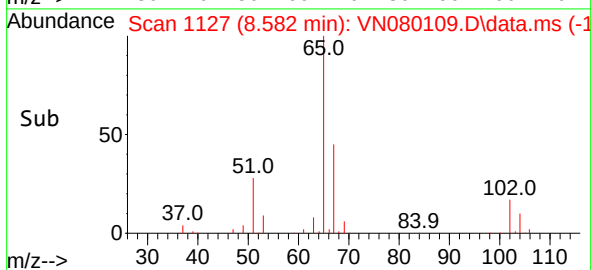
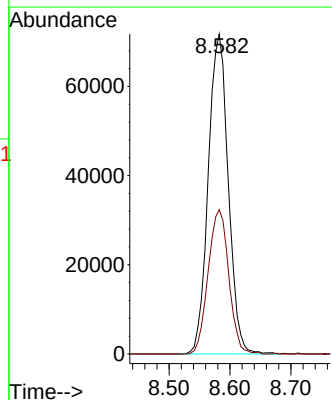
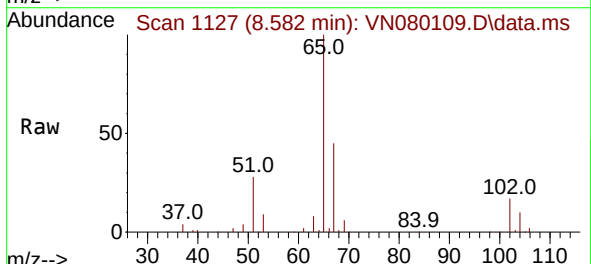
Instrument :
MSVOA_N
ClientSampleId :
TP-4

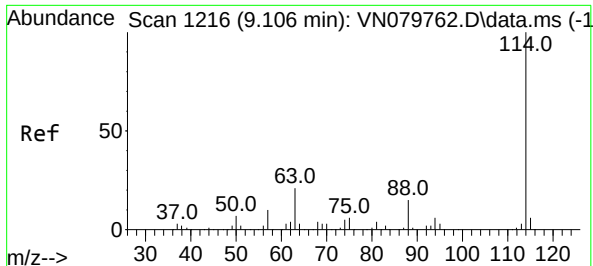
Tgt Ion: 84 Resp: 8660
Ion Ratio Lower Upper
84 100
49 125.7 79.7 119.5#
51 35.5 25.2 37.8
86 58.4 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 56.974 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080109.D
Acq: 15 Nov 2023 14:42

Tgt Ion: 65 Resp: 163546
Ion Ratio Lower Upper
65 100
67 46.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080109.D

Acq: 15 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TP-4

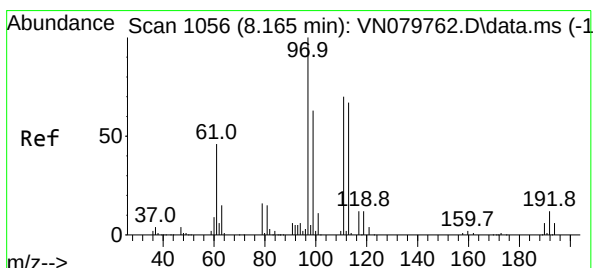
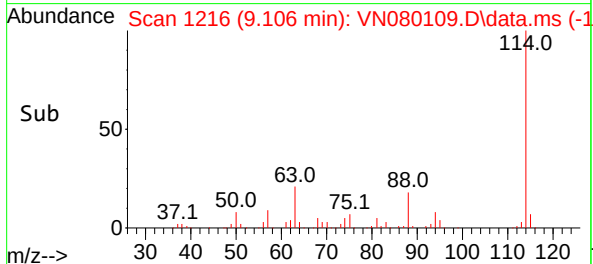
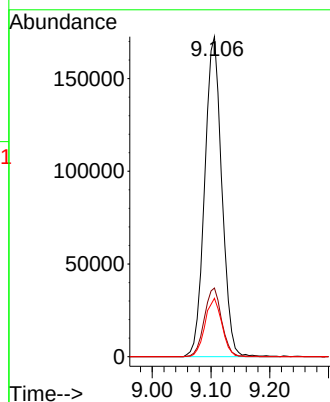
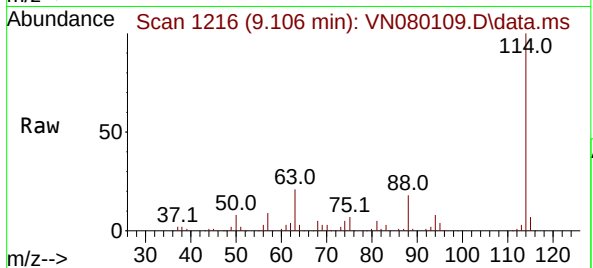
Tgt Ion:114 Resp: 350107

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 18.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.599 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080109.D

Acq: 15 Nov 2023 14:42

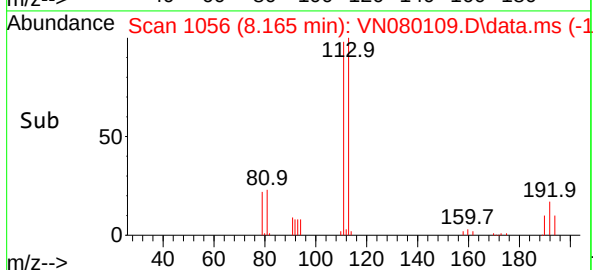
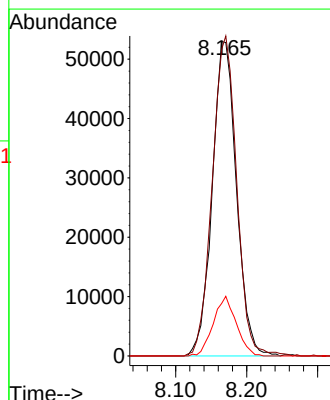
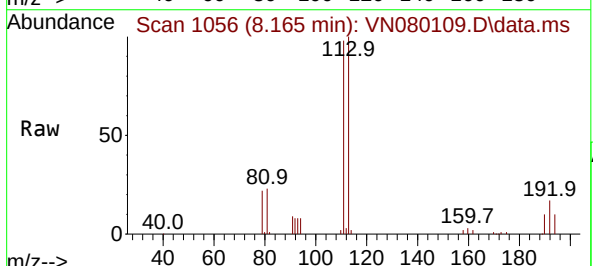
Tgt Ion:113 Resp: 125381

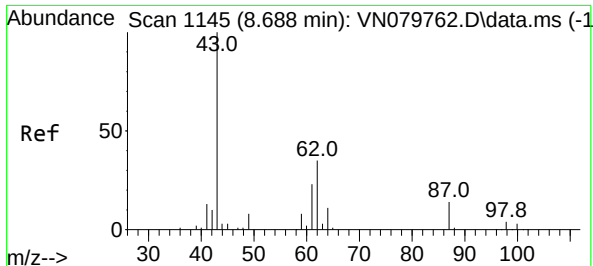
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.0 12.7 19.1





#43

Isopropyl Acetate

Concen: 23.235 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080109.D

Acq: 15 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TP-4

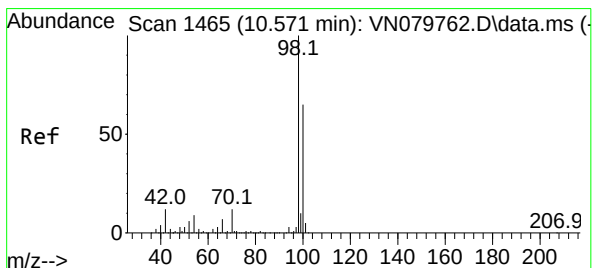
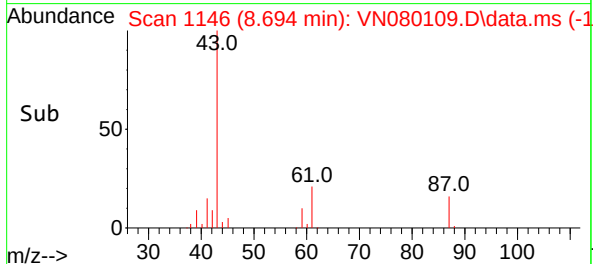
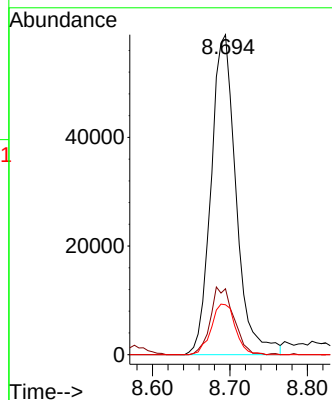
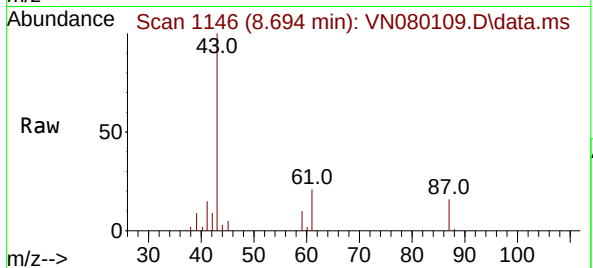
Tgt Ion: 43 Resp: 132218

Ion Ratio Lower Upper

43 100

61 19.7 24.7 37.1#

87 15.2 14.6 21.8



#50

Toluene-d8

Concen: 50.616 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080109.D

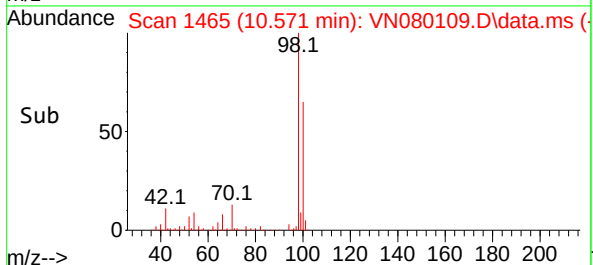
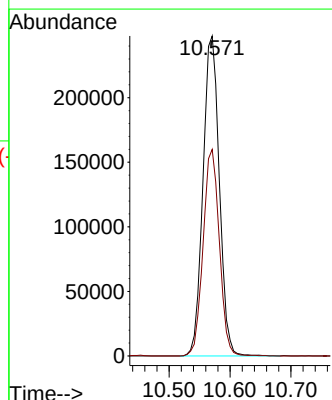
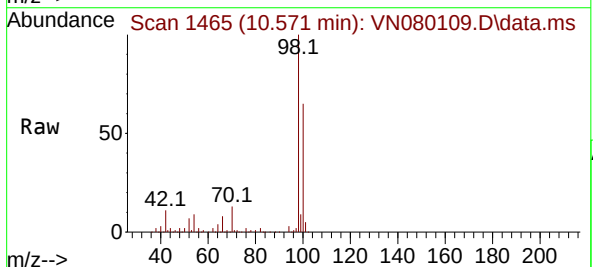
Acq: 15 Nov 2023 14:42

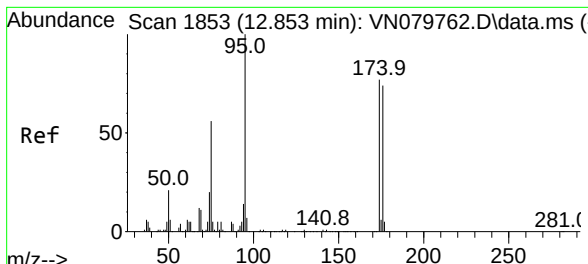
Tgt Ion: 98 Resp: 461722

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



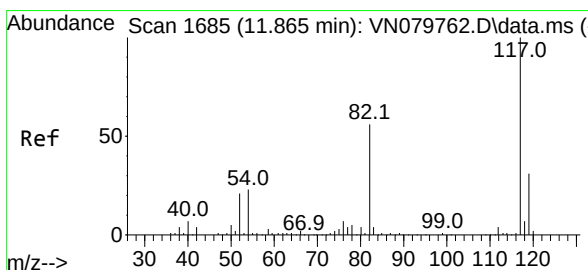
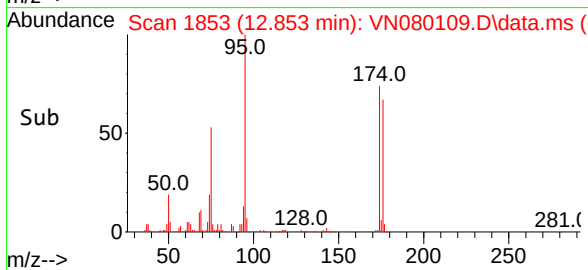
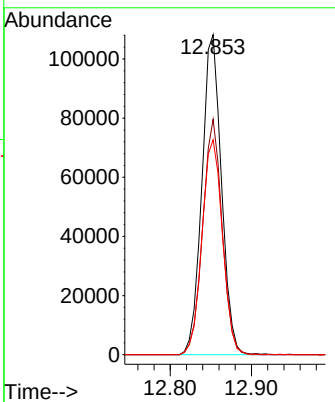
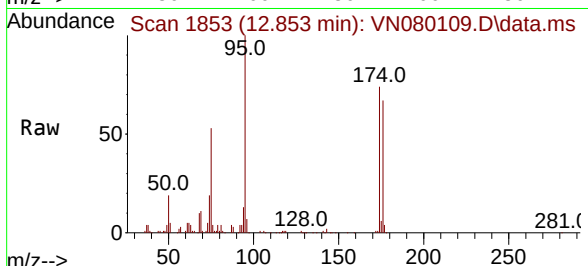


#62
 4-Bromofluorobenzene
 Concen: 59.595 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN080109.D
 Acq: 15 Nov 2023 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tgt Ion: 95 Resp: 180297

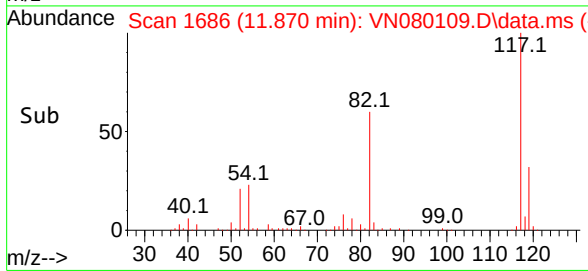
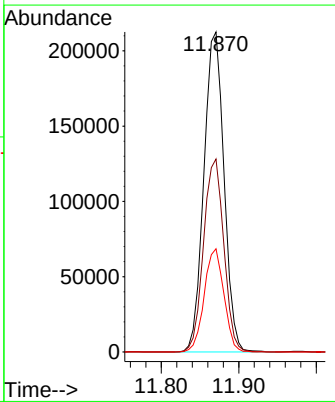
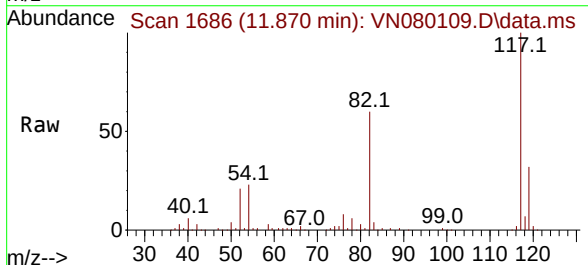
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	143.8
176	70.4	0.0	135.8

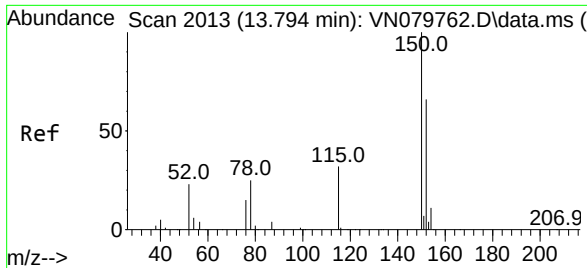


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN080109.D
 Acq: 15 Nov 2023 14:42

Tgt Ion: 117 Resp: 383729

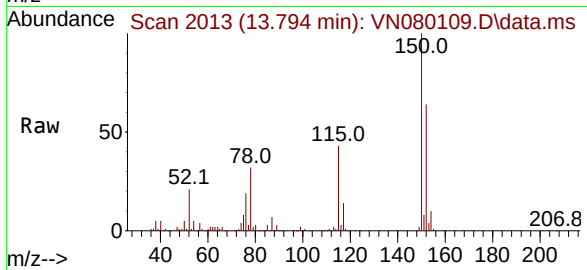
Ion	Ratio	Lower	Upper
117	100		
82	60.3	44.0	66.0
119	32.3	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080109.D
 Acq: 15 Nov 2023 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4



Tgt Ion:152 Resp: 164477
 Ion Ratio Lower Upper
 152 100
 115 65.9 32.3 96.8
 150 154.8 0.0 355.8

