

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078209.D
 Acq On : 14 Jun 2023 16:32
 Operator : JC\MD
 Sample : PB153393TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153393TB

Quant Time: Jun 15 02:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

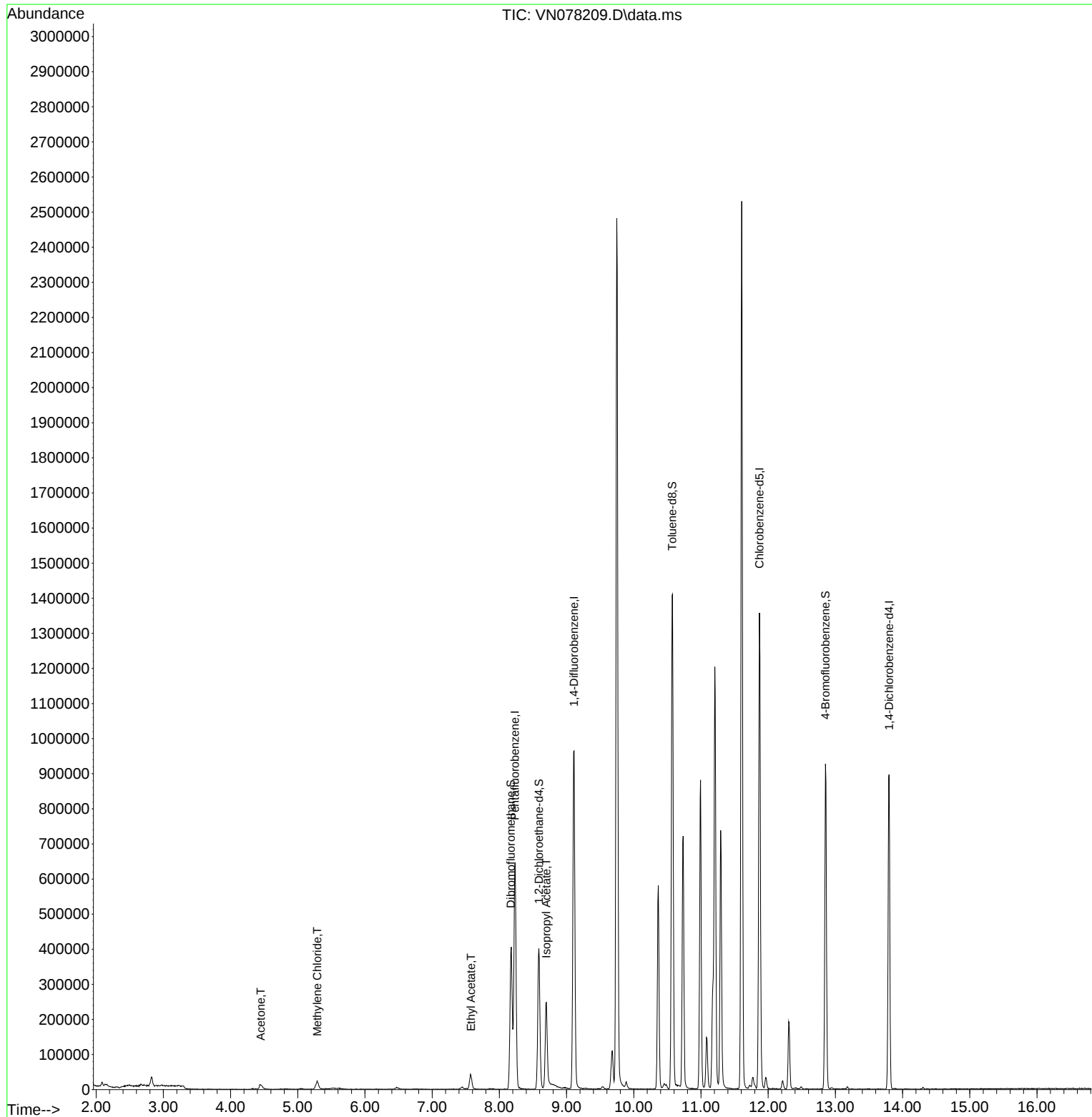
Internal Standards						
1) Pentafluorobenzene	8.230	168	464400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	846272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	799289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	249193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327852	52.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.900%
35) Dibromofluoromethane	8.171	113	294513	55.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.080%
50) Toluene-d8	10.571	98	1031281	49.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.853	95	325121	50.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.400%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	26088	14.638	ug/l #	86
20) Methylene Chloride	5.289	84	16389	2.783	ug/l #	89
37) Ethyl Acetate	7.577	43	58702	9.790	ug/l	98
43) Isopropyl Acetate	8.700	43	285770	24.921	ug/l #	82

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

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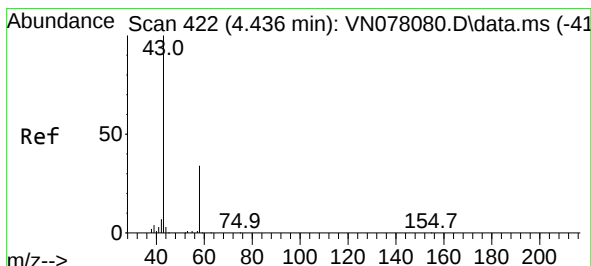
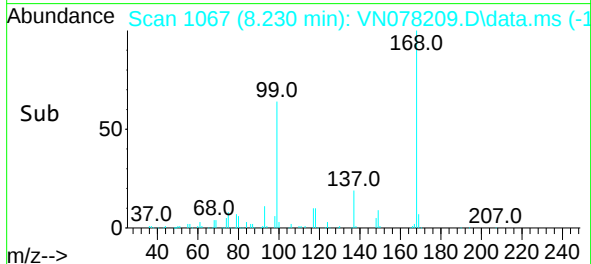
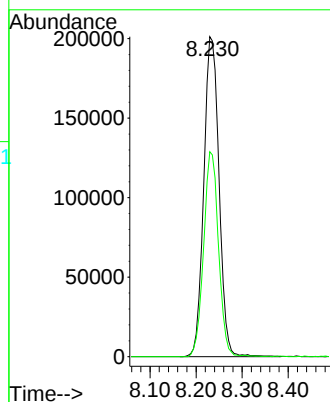
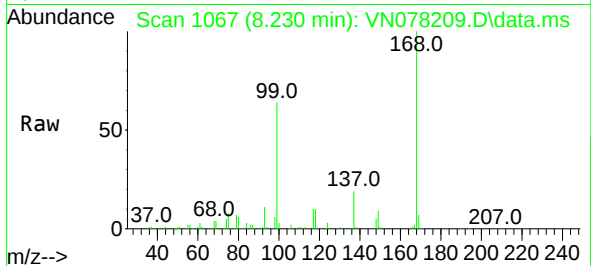




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

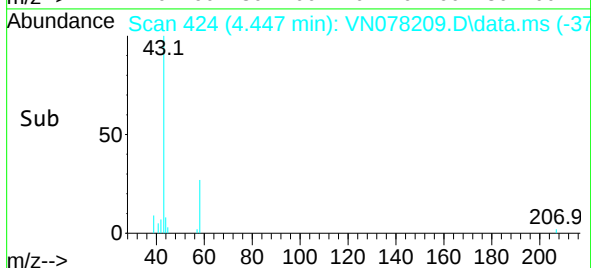
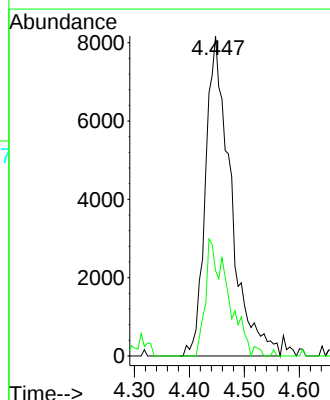
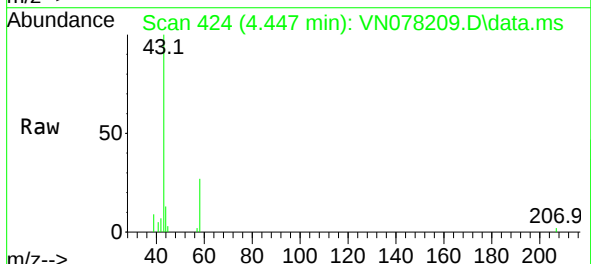
Instrument :
MSVOA_N
ClientSampleId :
PB153393TB

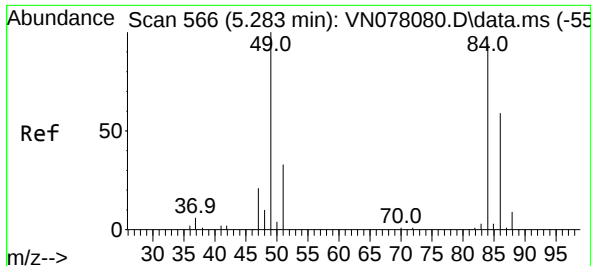
Tgt Ion:168 Resp: 464400
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 14.638 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

Tgt Ion: 43 Resp: 26088
Ion Ratio Lower Upper
43 100
58 26.7 28.0 42.0#

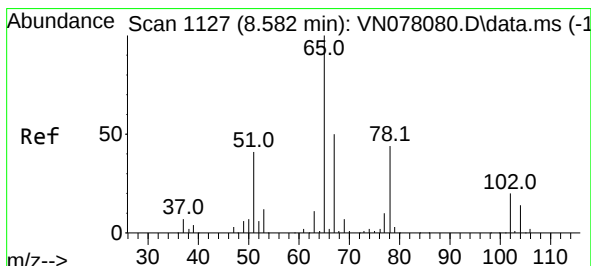
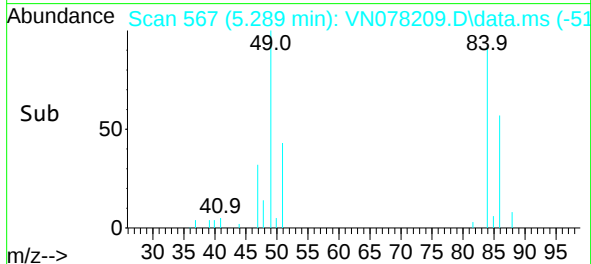
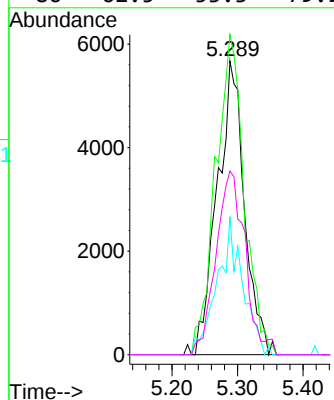
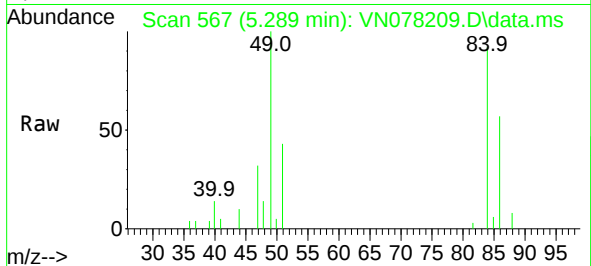




#20
Methylene Chloride
Concen: 2.783 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

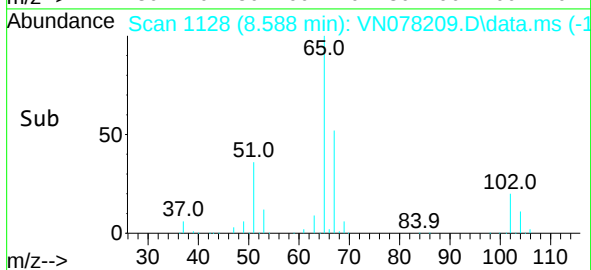
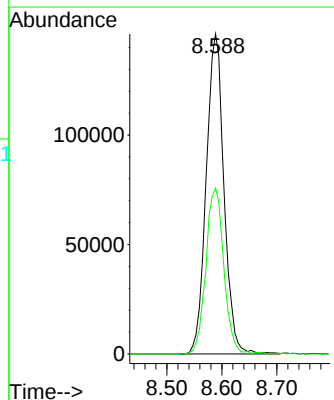
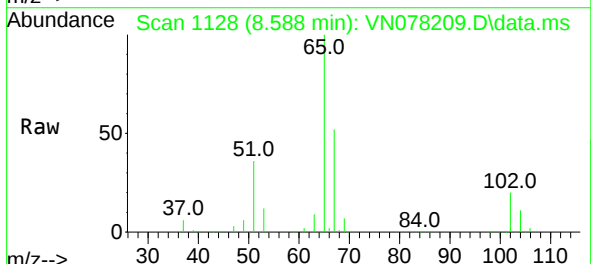
Instrument :
MSVOA_N
ClientSampleId :
PB153393TB

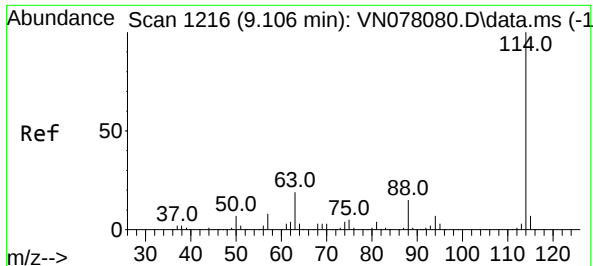
Tgt Ion: 84	Resp: 16389
Ion Ratio	Lower Upper
84 100	
49 109.0	79.7 119.5
51 47.0	25.2 37.8#
86 62.5	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 52.949 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

Tgt Ion: 65	Resp: 327852
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB153393TB

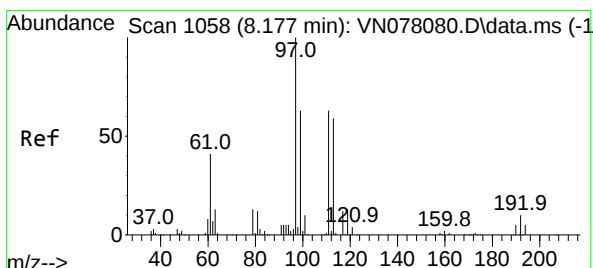
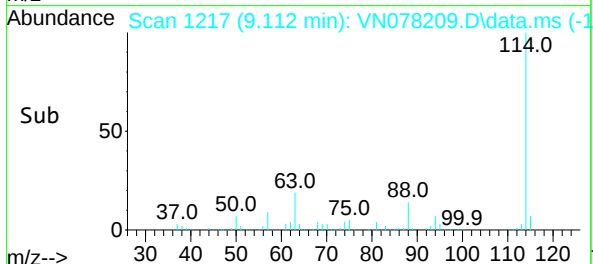
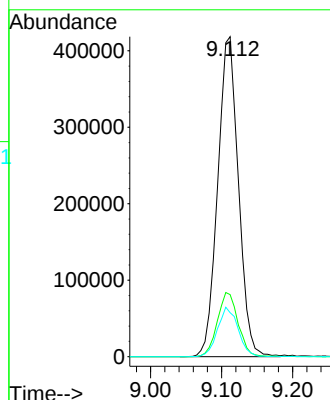
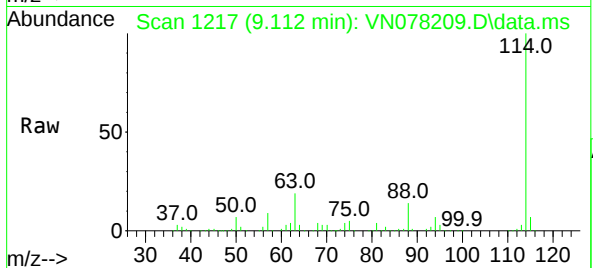
Tgt Ion:114 Resp: 846272

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.040 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

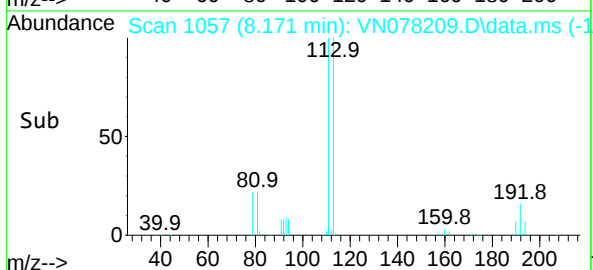
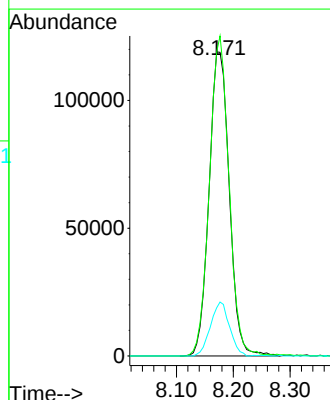
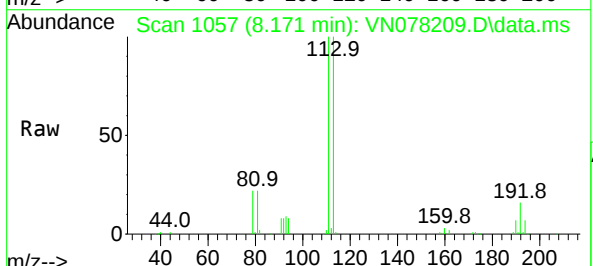
Tgt Ion:113 Resp: 294513

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 9.790 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB153393TB

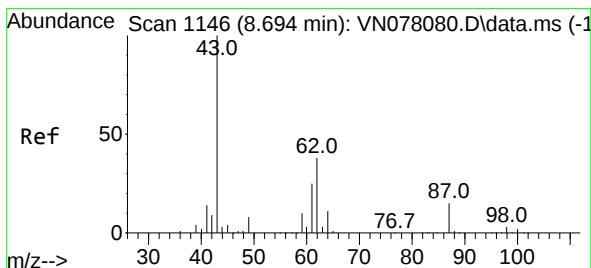
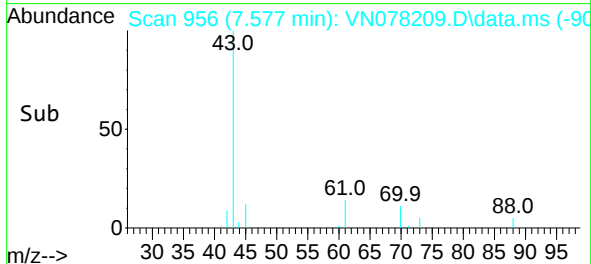
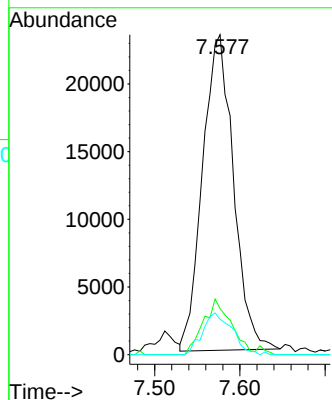
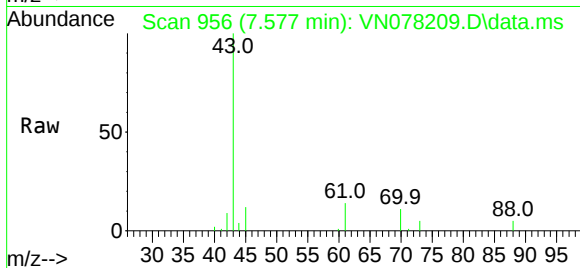
Tgt Ion: 43 Resp: 58702

Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 12.8 11.3 16.9



#43

Isopropyl Acetate

Concen: 24.921 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

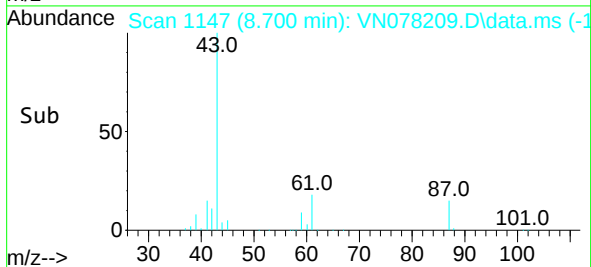
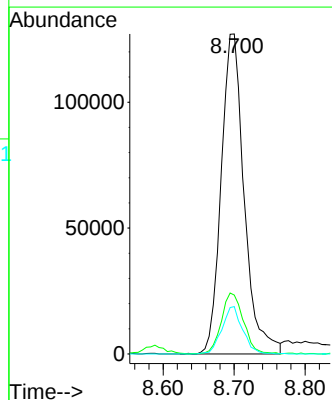
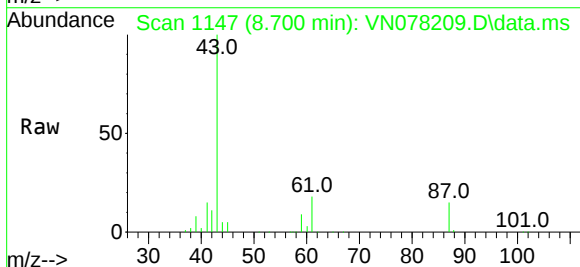
Tgt Ion: 43 Resp: 285770

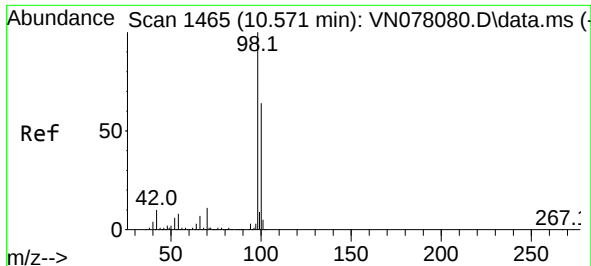
Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 13.3 14.6 21.8#

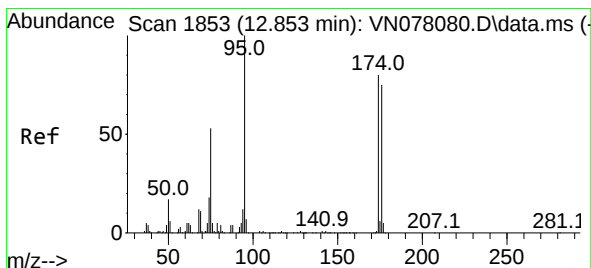
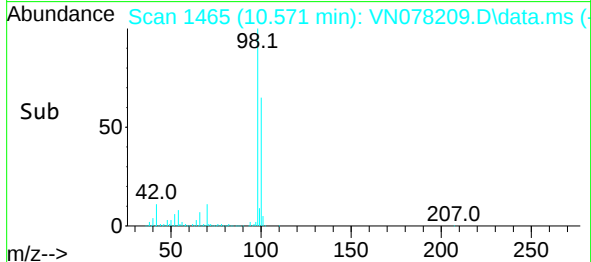
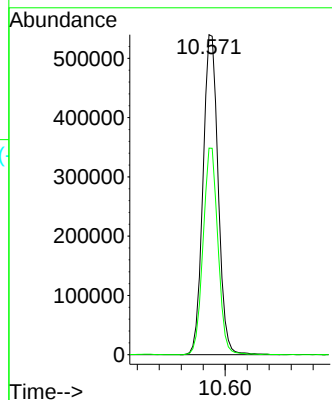
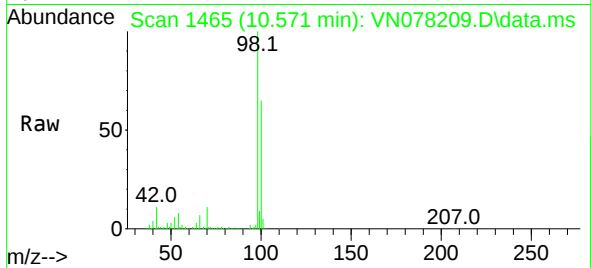




#50
Toluene-d8
Concen: 49.994 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

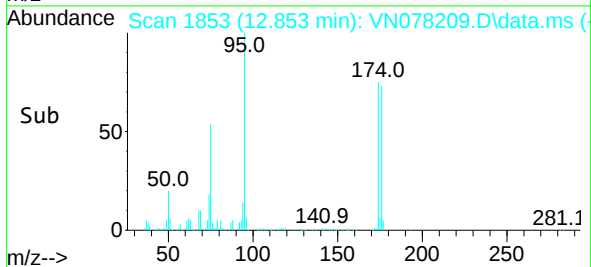
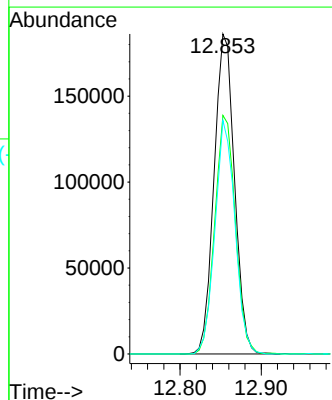
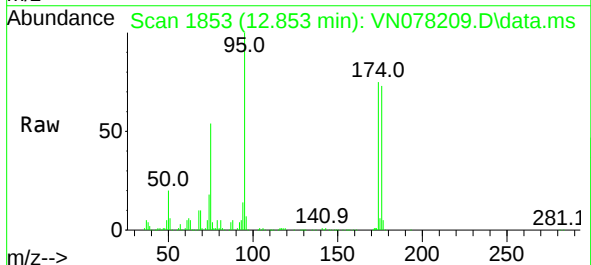
Instrument :
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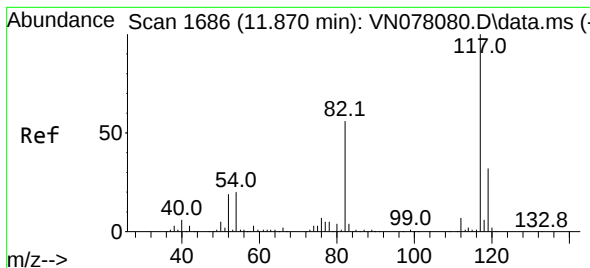
Tgt Ion: 98 Resp: 1031281
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078209.D
Acq: 14 Jun 2023 16:32

Tgt Ion: 95 Resp: 325121
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB153393TB

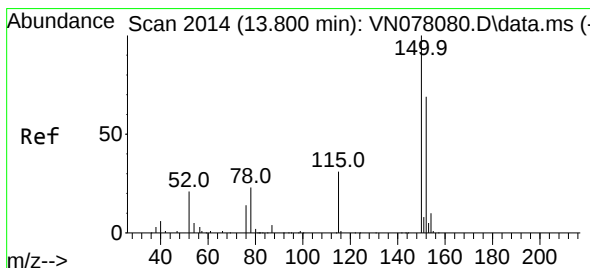
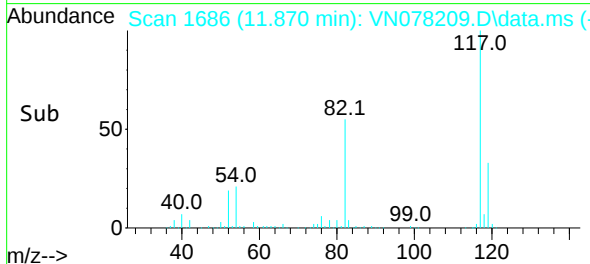
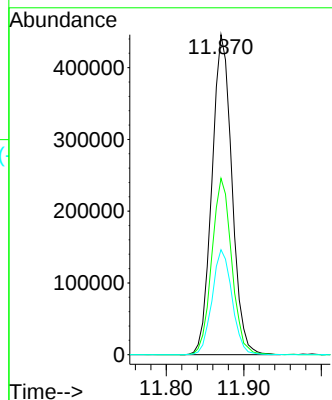
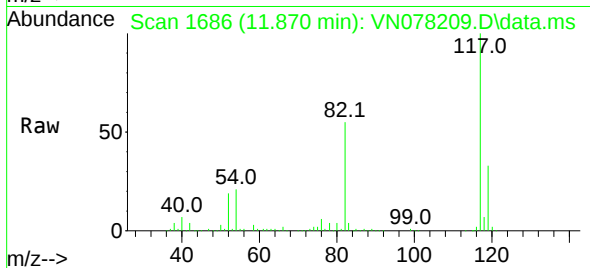
Tgt Ion:117 Resp: 799289

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078209.D

Acq: 14 Jun 2023 16:32

Tgt Ion:152 Resp: 249193

Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 156.0 0.0 355.8

