

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078042.D
 Acq On : 05 Jun 2023 14:21
 Operator : JC\MD
 Sample : PB153198ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#03

Quant Time: Jun 06 02:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

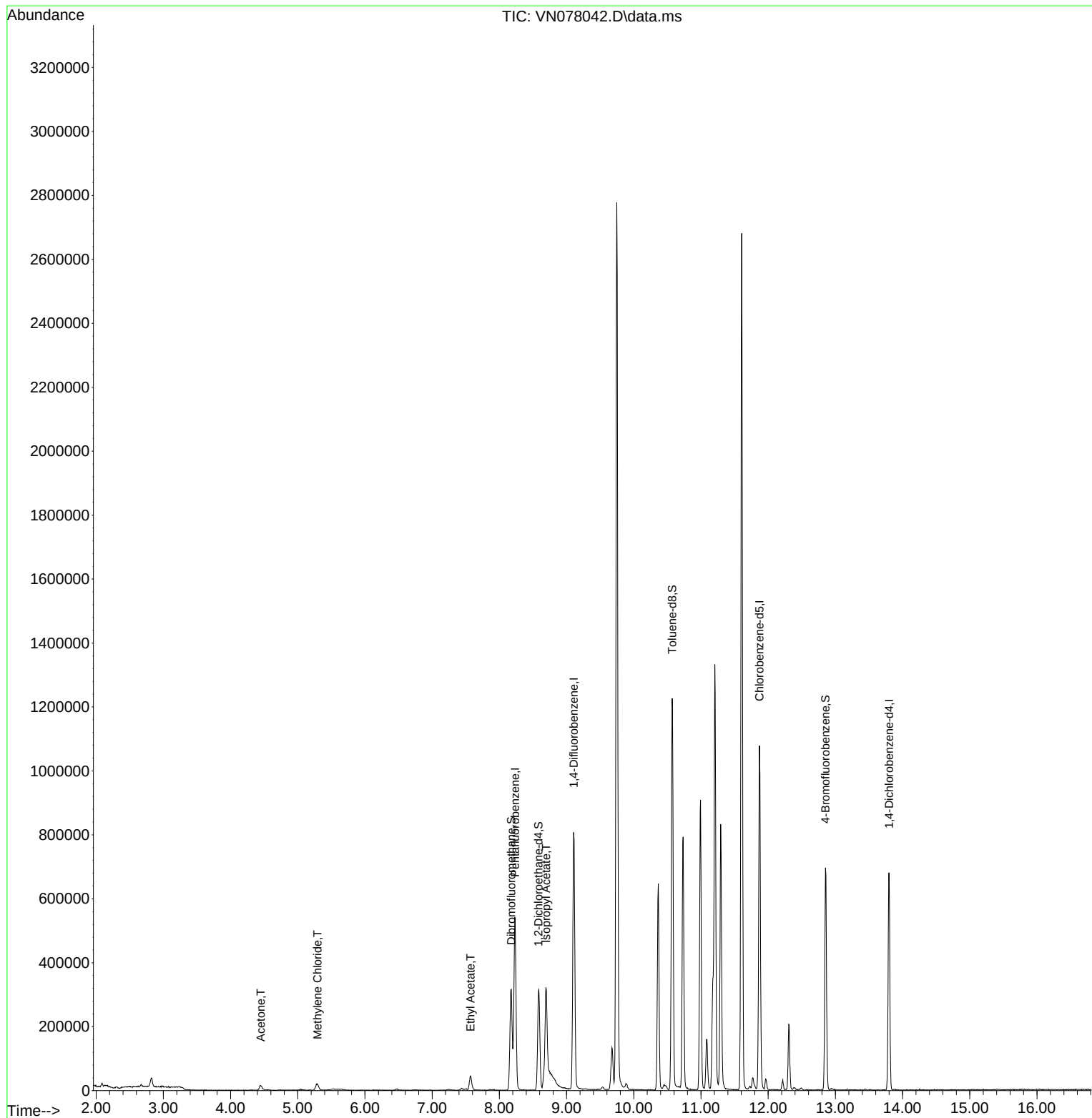
Internal Standards						
1) Pentafluorobenzene	8.235	168	386568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	724059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	265641	45.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.860%
35) Dibromofluoromethane	8.177	113	232832	49.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	10.571	98	900732	49.563	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.853	95	256373	39.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.880%#
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	26436	14.527	ug/l	93
20) Methylene Chloride	5.294	84	16178	1.499	ug/l #	90
37) Ethyl Acetate	7.571	43	66397	10.787	ug/l	97
43) Isopropyl Acetate	8.694	43	451321	44.889	ug/l #	74

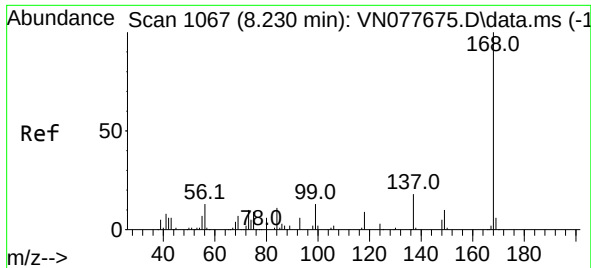
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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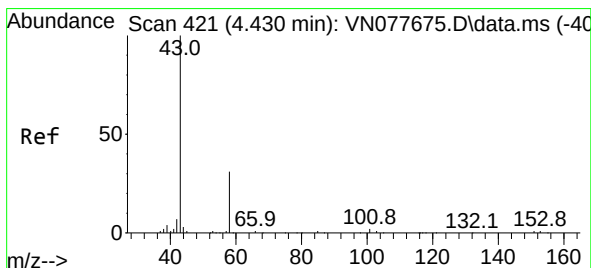
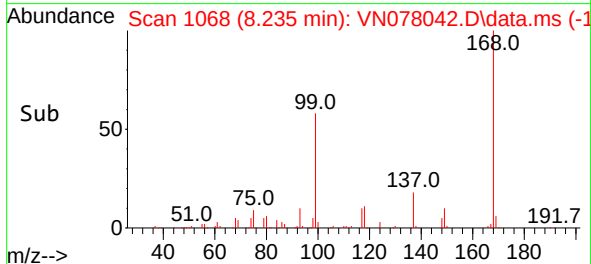
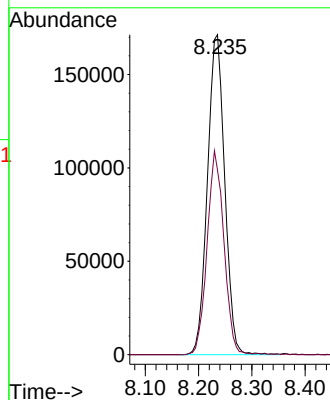
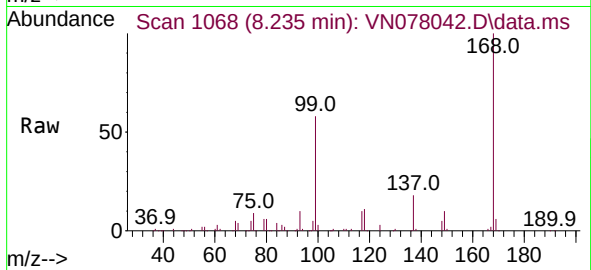




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

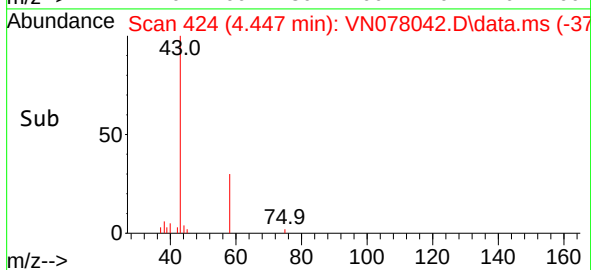
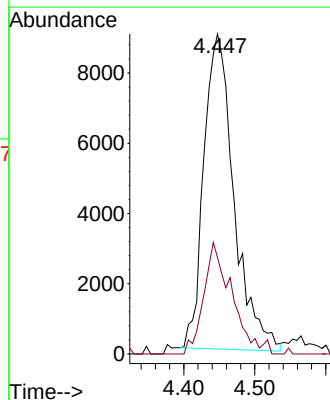
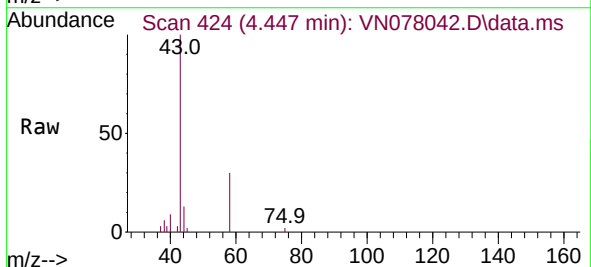
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#03

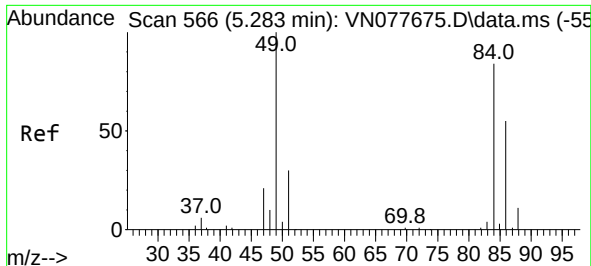
Tgt Ion:168 Resp: 386568
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#16
Acetone
Concen: 14.527 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

Tgt Ion: 43 Resp: 26436
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

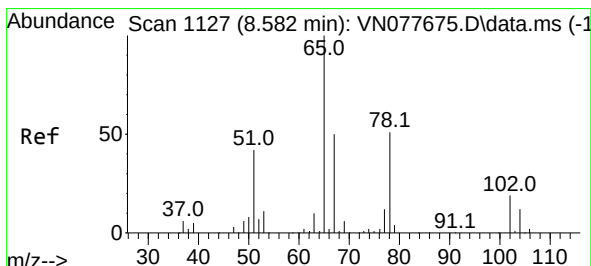
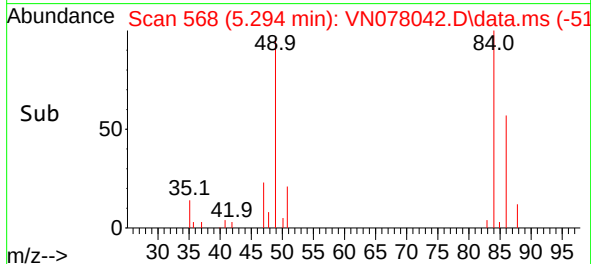
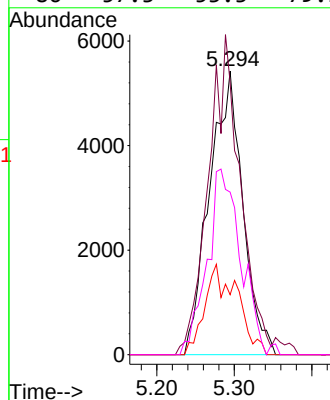
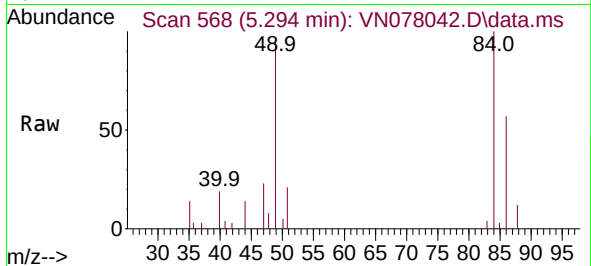




#20
Methylene Chloride
Concen: 1.499 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

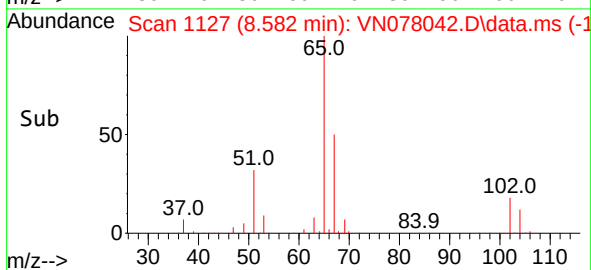
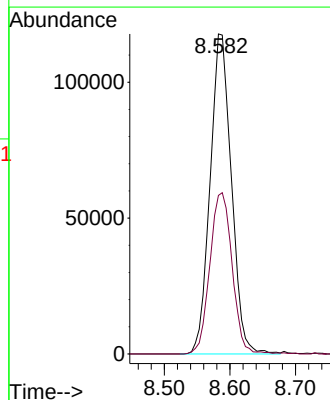
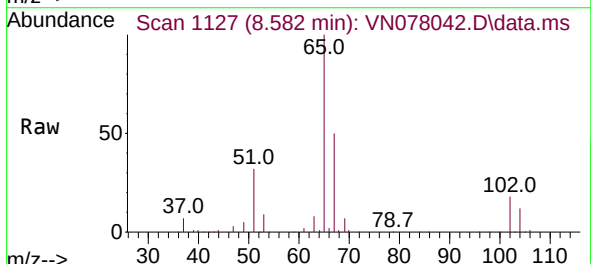
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#03

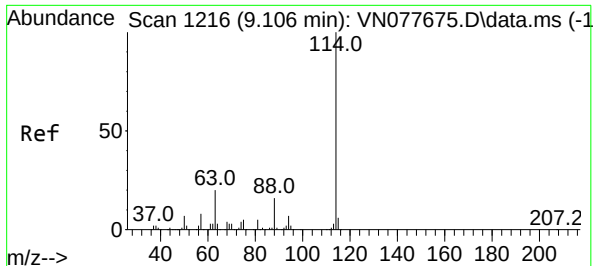
Tgt Ion: 84	Resp: 16178
Ion Ratio	Lower Upper
84 100	
49 93.0	79.7 119.5
51 21.1	25.2 37.8#
86 57.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 45.926 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

Tgt Ion: 65	Resp: 265641
Ion Ratio	Lower Upper
65 100	
67 52.7	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078042.D

Acq: 05 Jun 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#03

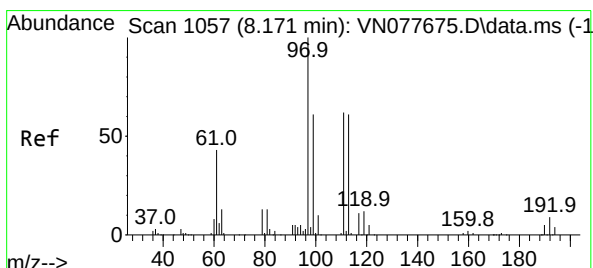
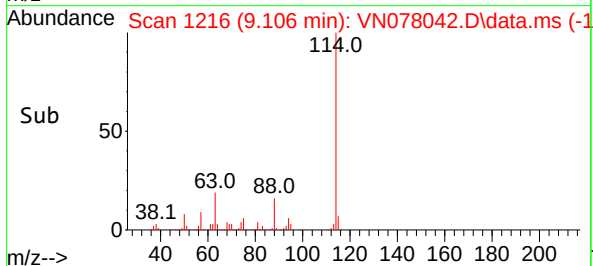
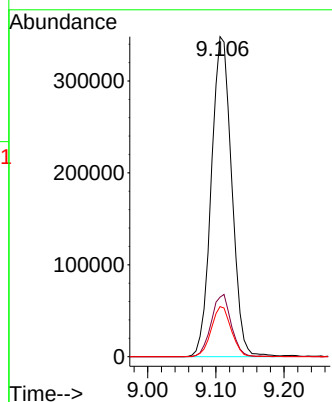
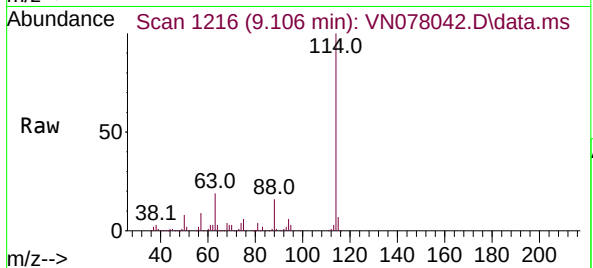
Tgt Ion:114 Resp: 724059

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.313 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078042.D

Acq: 05 Jun 2023 14:21

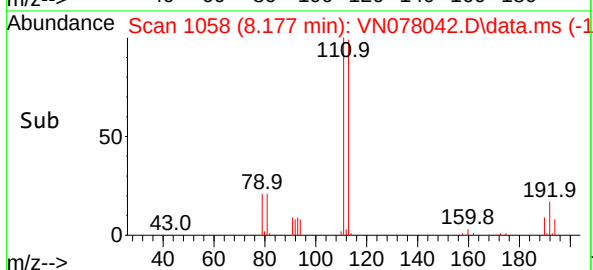
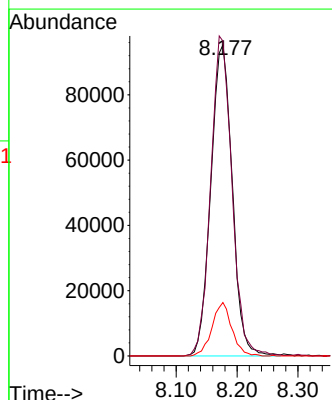
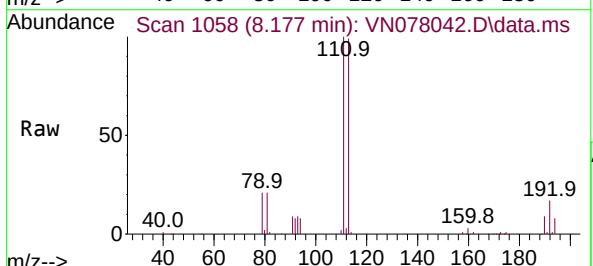
Tgt Ion:113 Resp: 232832

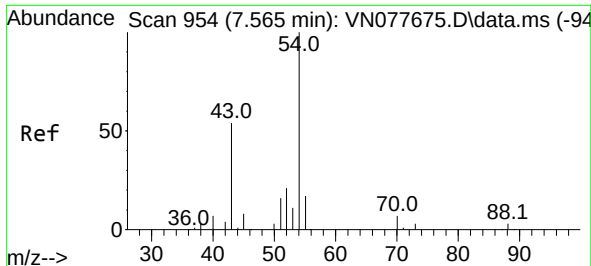
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 15.9 12.7 19.1





#37

Ethyl Acetate

Concen: 10.787 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078042.D

Acq: 05 Jun 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#03

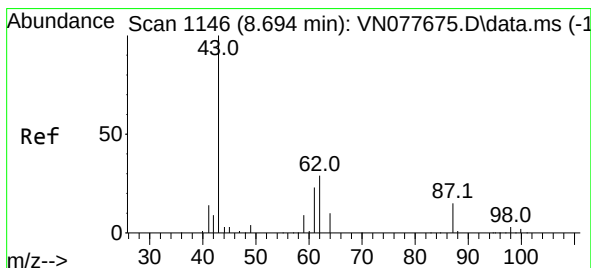
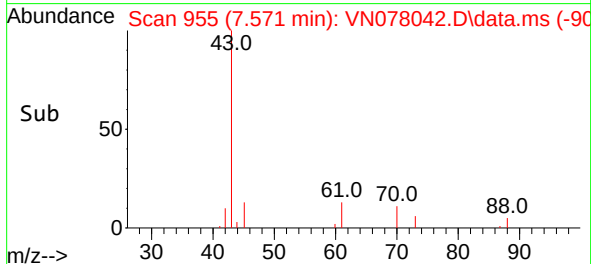
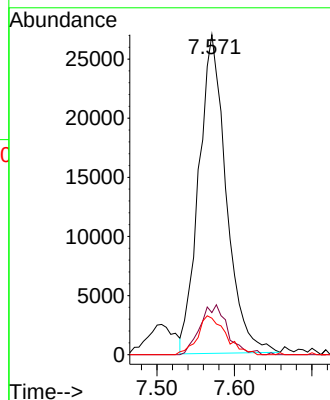
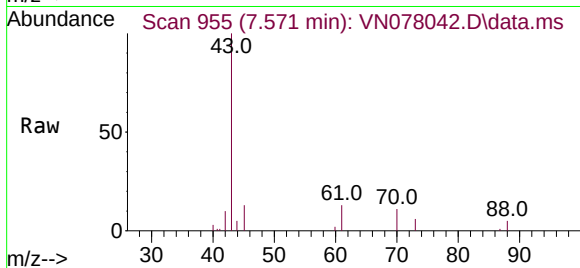
Tgt Ion: 43 Resp: 66397

Ion Ratio Lower Upper

43 100

61 15.7 13.2 19.8

70 12.4 11.3 16.9



#43

Isopropyl Acetate

Concen: 44.889 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078042.D

Acq: 05 Jun 2023 14:21

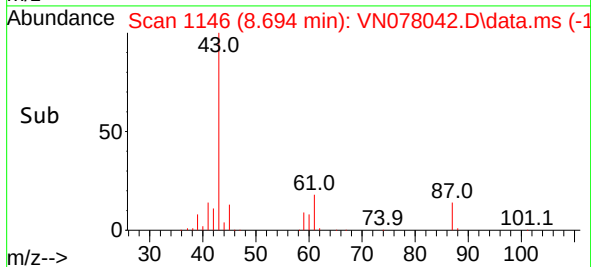
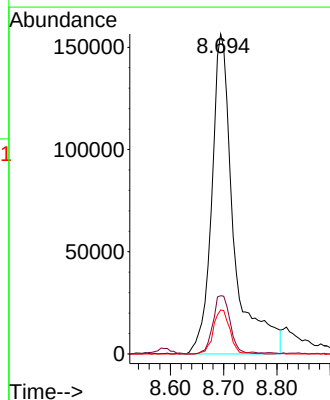
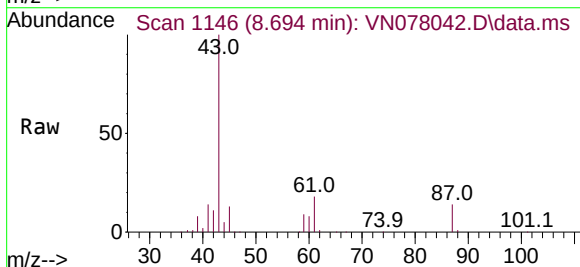
Tgt Ion: 43 Resp: 451321

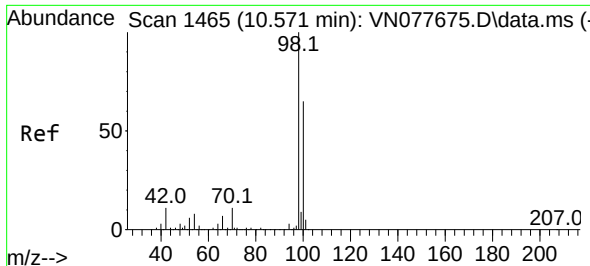
Ion Ratio Lower Upper

43 100

61 14.2 24.7 37.1#

87 10.2 14.6 21.8#

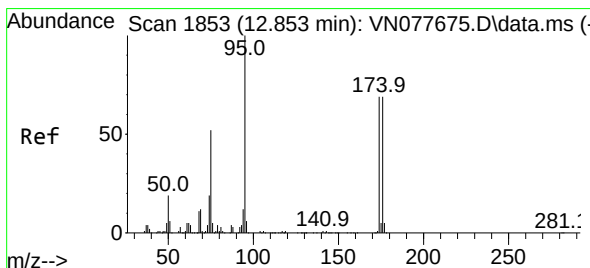
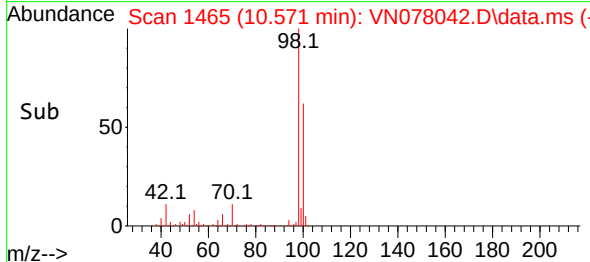
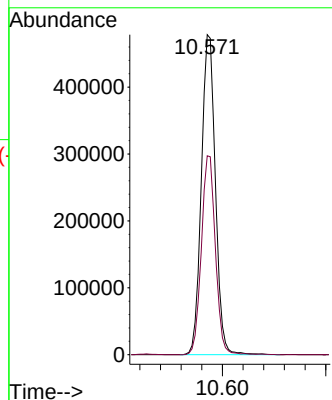
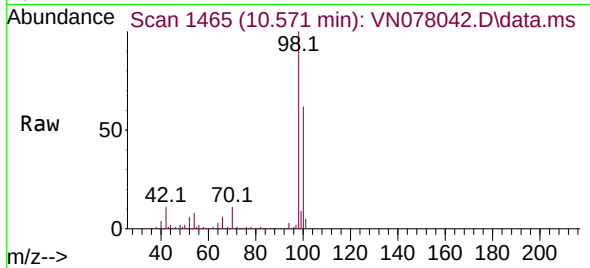




#50
Toluene-d8
Concen: 49.563 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

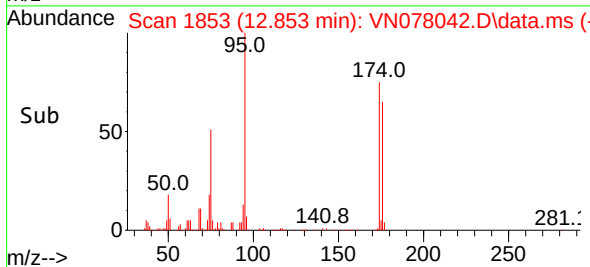
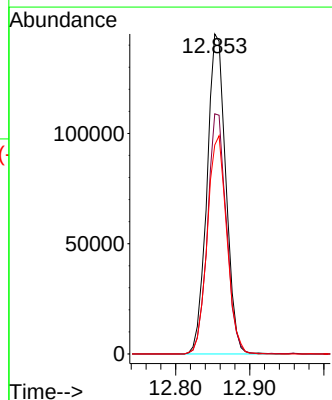
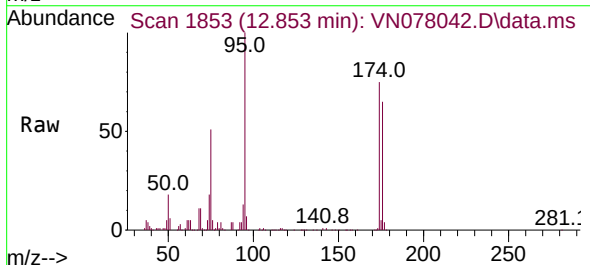
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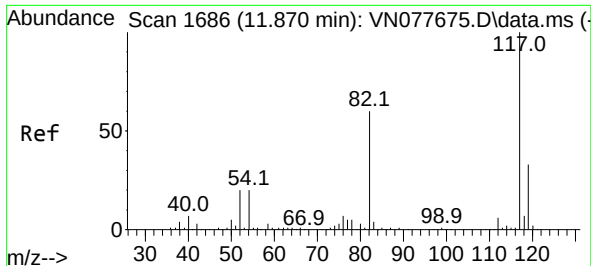
Tgt Ion: 98 Resp: 900732
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.943 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

Tgt Ion: 95 Resp: 256373
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.5 0.0 135.8

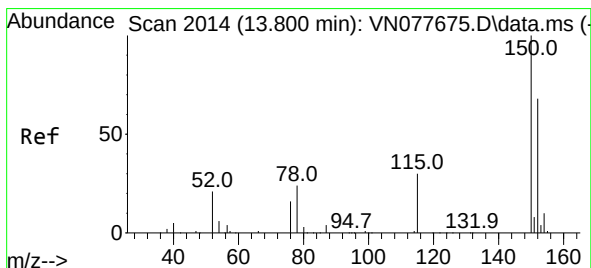
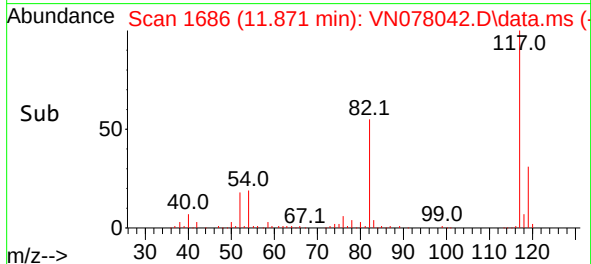
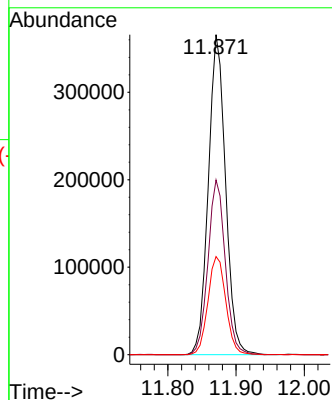
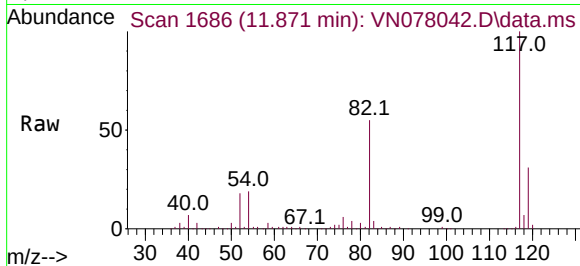




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN078042.D
Acq: 05 Jun 2023 14:21

Instrument :
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Tgt Ion:117 Resp: 642203
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 30.7 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: VN078042.D
Acq: 05 Jun 2023 14:21

Tgt Ion:152 Resp: 195751
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 152.3 0.0 355.8

