

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078025.D
 Acq On : 02 Jun 2023 12:33
 Operator : JC\MD
 Sample : PB153165ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153165ZHE#02

Quant Time: Jun 05 01:17:37 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)

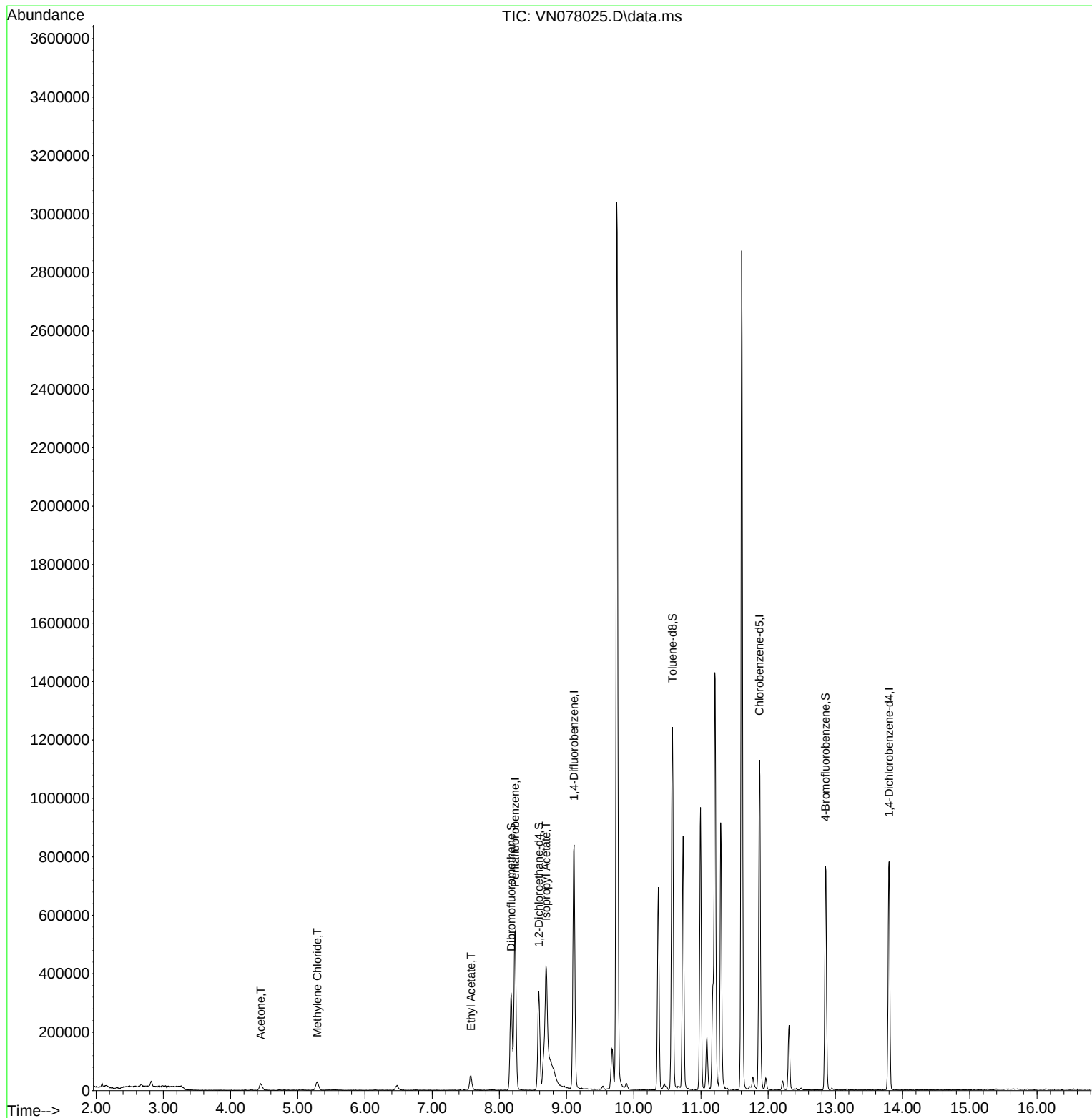
Internal Standards						
1) Pentafluorobenzene	8.235	168	393484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	742020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	677622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273423	46.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.880%		
35) Dibromofluoromethane	8.177	113	237721	49.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	10.576	98	914735	49.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.853	95	275722	41.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.840%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	41861	22.600	ug/l	94
20) Methylene Chloride	5.289	84	23575	3.034	ug/l	96
37) Ethyl Acetate	7.577	43	76412	12.114	ug/l	96
43) Isopropyl Acetate	8.694	43	772837	75.007	ug/l #	65

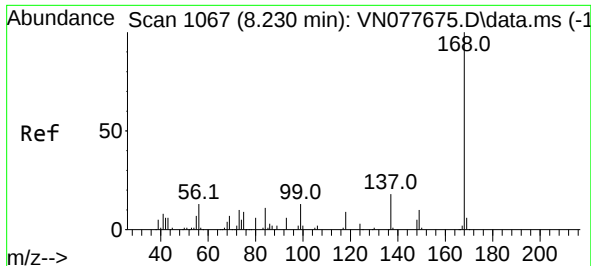
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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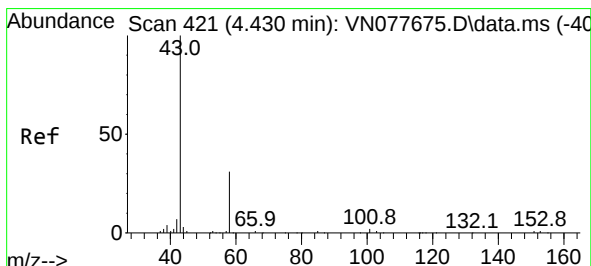
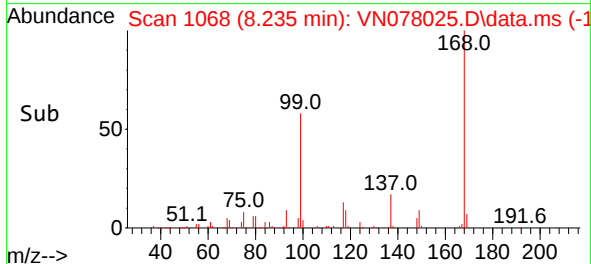
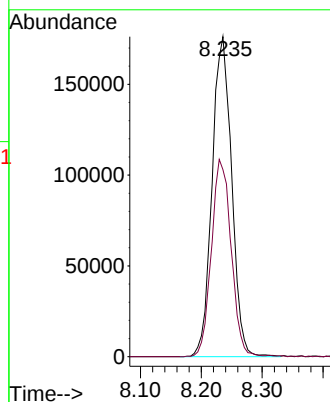
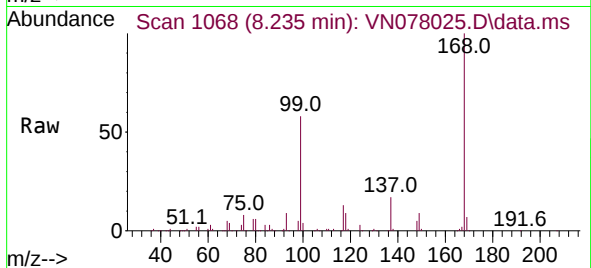




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

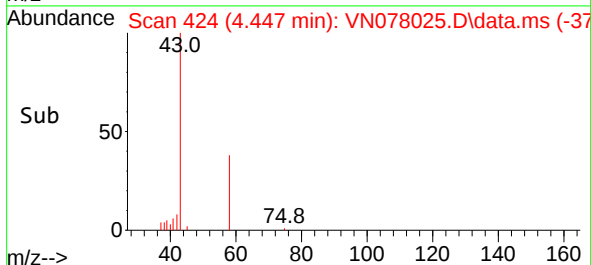
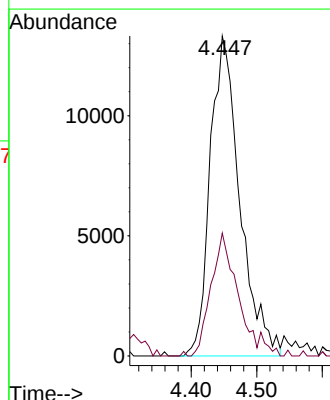
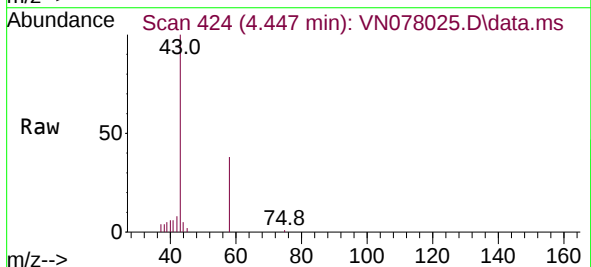
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#02

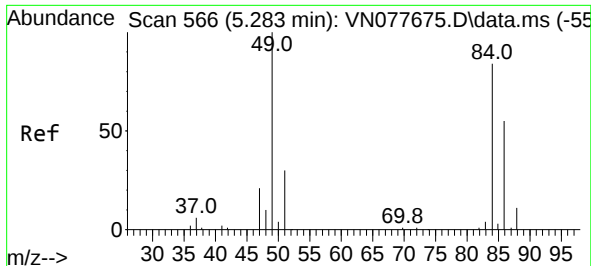
Tgt Ion:168 Resp: 393484
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#16
Acetone
Concen: 22.600 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

Tgt Ion: 43 Resp: 41861
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0

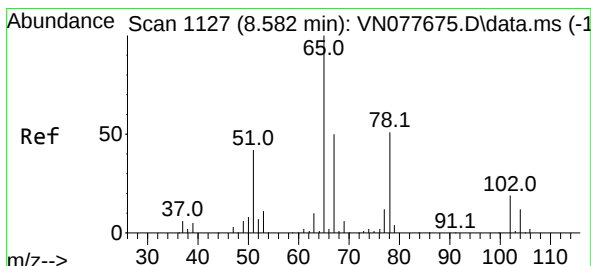
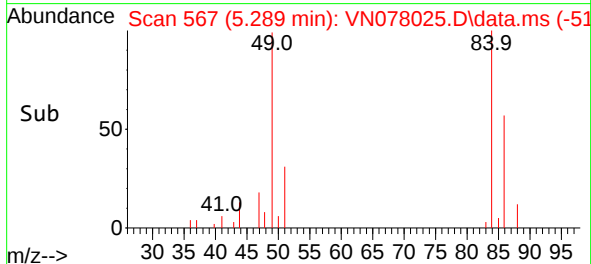
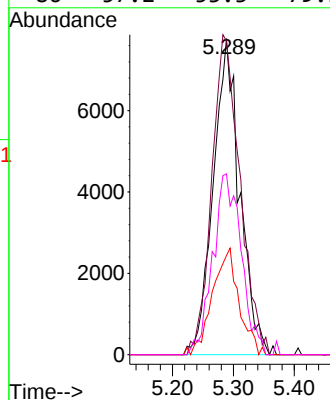
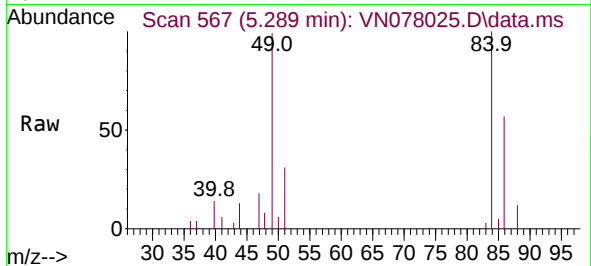




#20
Methylene Chloride
Concen: 3.034 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

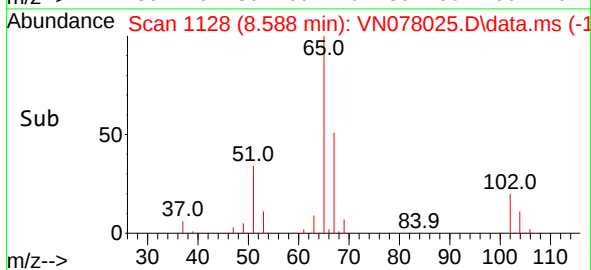
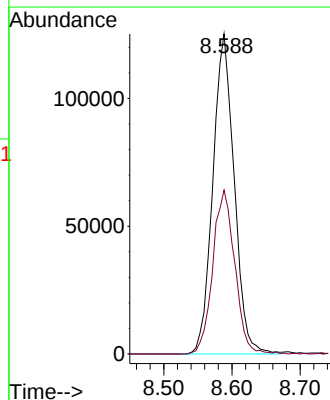
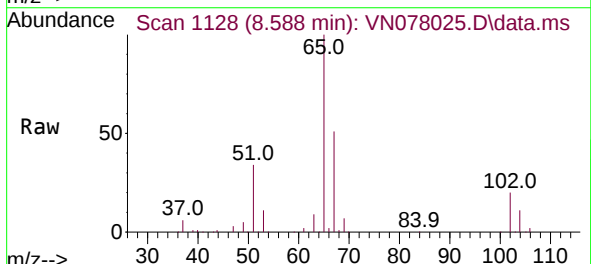
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#02

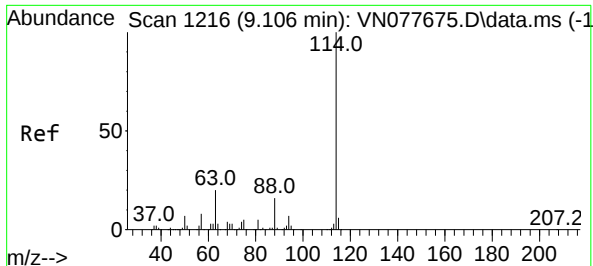
Tgt Ion: 84	Resp: 23575
Ion Ratio	Lower Upper
84 100	
49 99.3	79.7 119.5
51 31.4	25.2 37.8
86 57.2	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 46.441 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

Tgt Ion: 65	Resp: 273423
Ion Ratio	Lower Upper
65 100	
67 52.7	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: VN078025.D

Acq: 02 Jun 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

PB153165ZHE#02

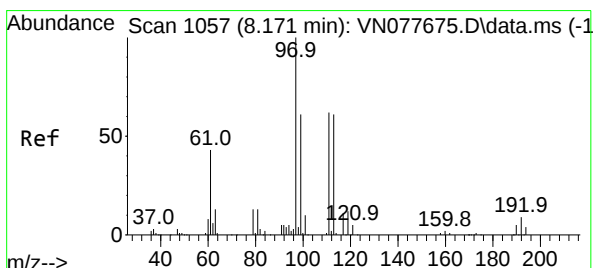
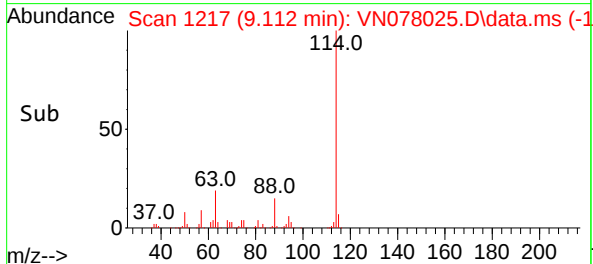
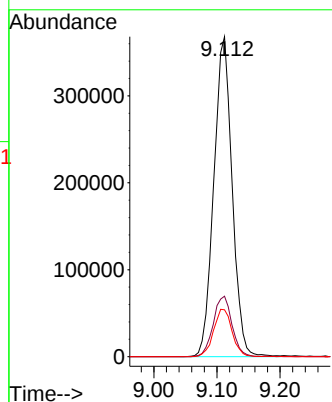
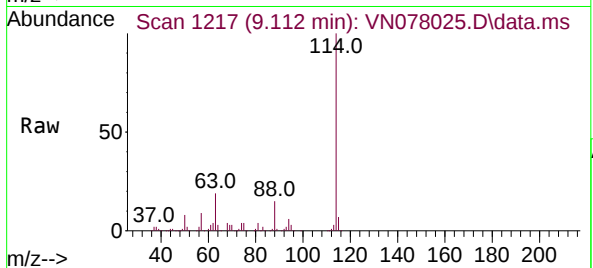
Tgt Ion:114 Resp: 742020

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.130 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078025.D

Acq: 02 Jun 2023 12:33

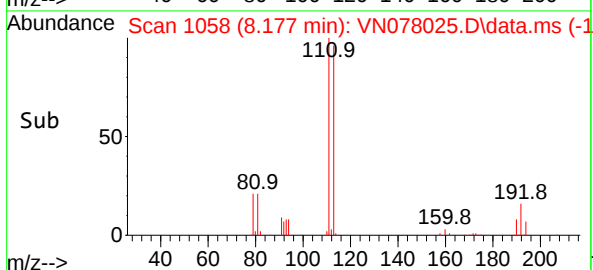
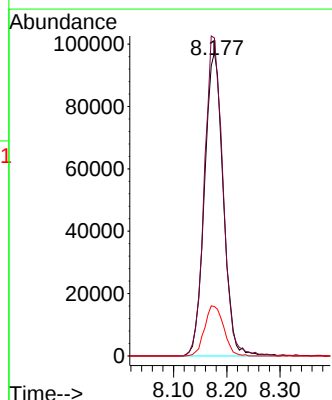
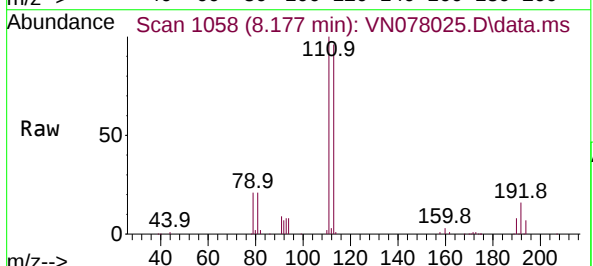
Tgt Ion:113 Resp: 237721

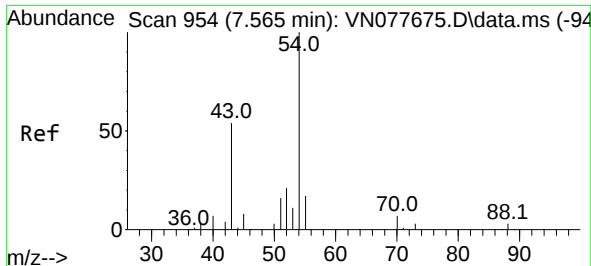
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.9 12.7 19.1

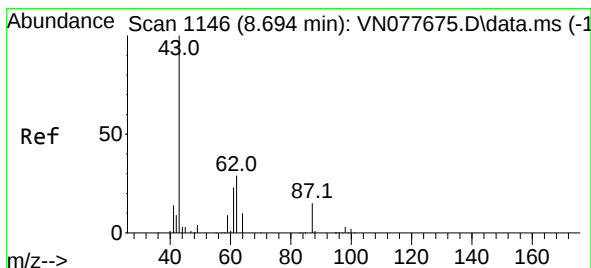
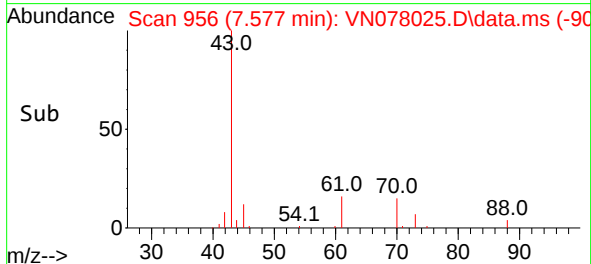
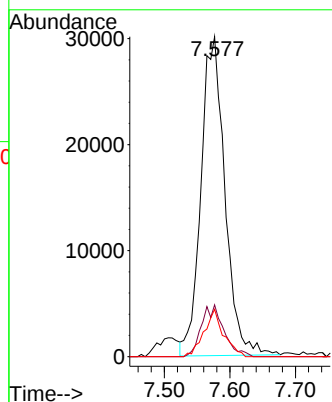
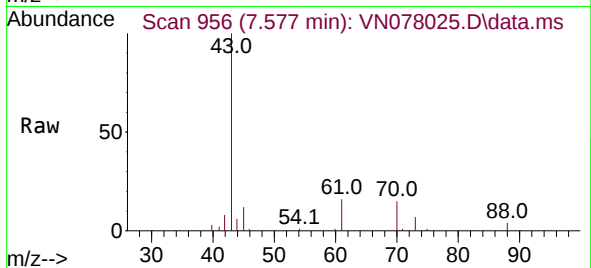




#37
Ethyl Acetate
Concen: 12.114 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

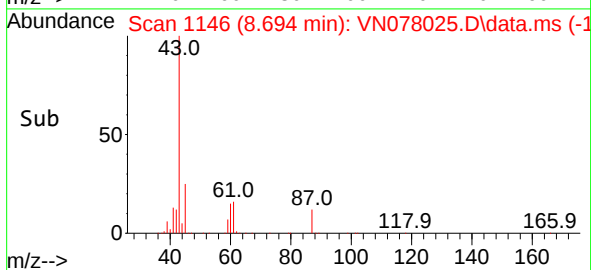
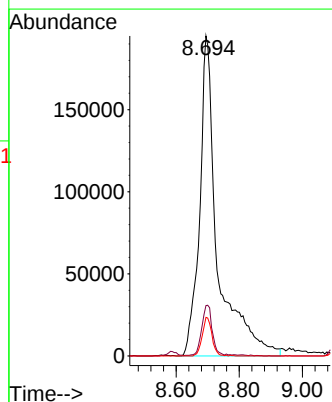
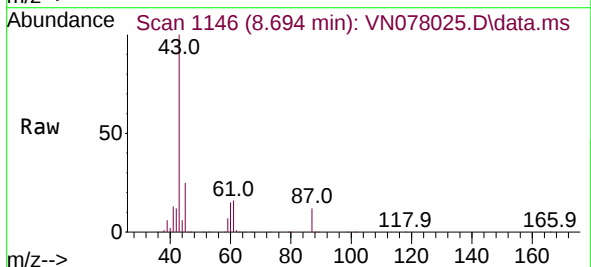
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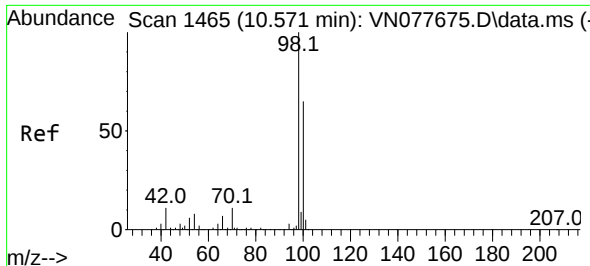
Tgt Ion: 43 Resp: 76412
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 12.1 11.3 16.9



#43
Isopropyl Acetate
Concen: 75.007 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

Tgt Ion: 43 Resp: 772837
Ion Ratio Lower Upper
43 100
61 9.2 24.7 37.1#
87 6.5 14.6 21.8#

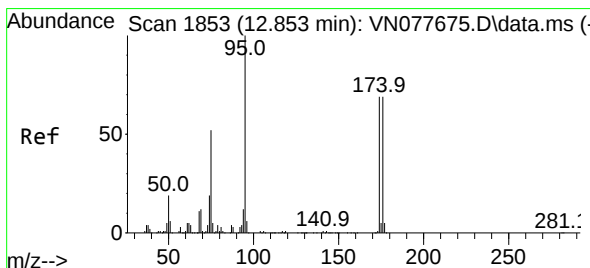
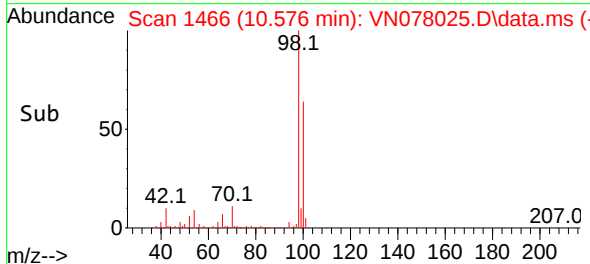
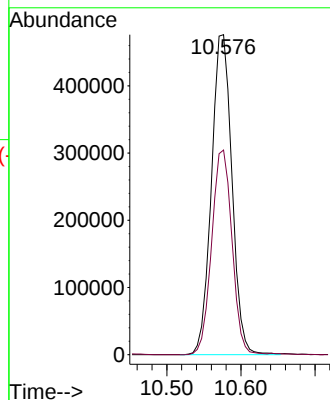
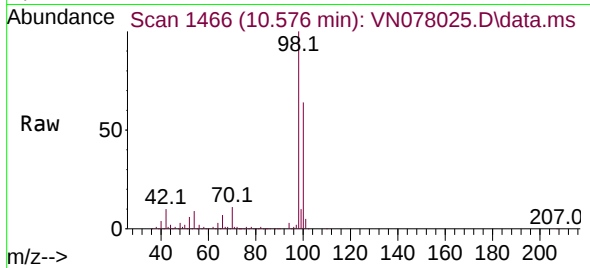




#50
Toluene-d8
Concen: 49.115 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

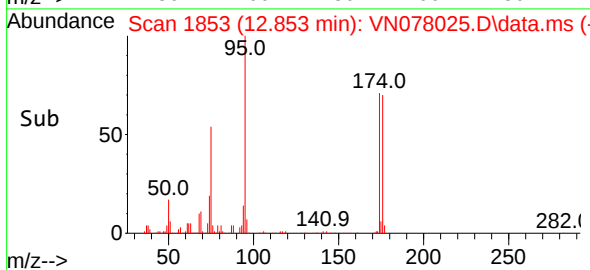
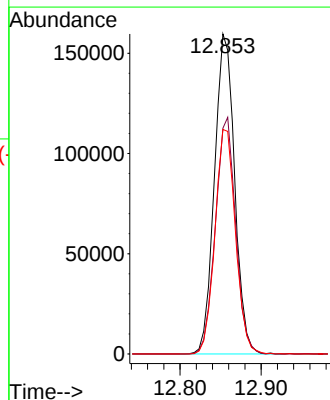
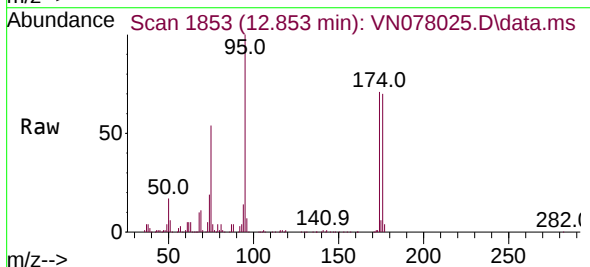
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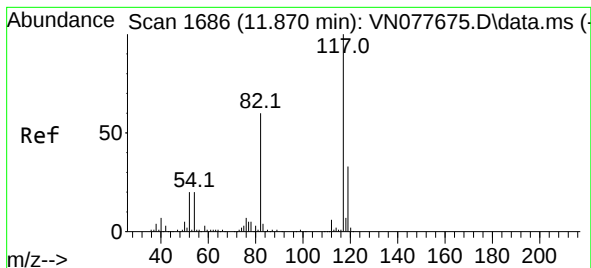
Tgt Ion: 98 Resp: 914735
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.918 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078025.D
Acq: 02 Jun 2023 12:33

Tgt Ion: 95 Resp: 275722
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.4 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: VN078025.D

Acq: 02 Jun 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

PB153165ZHE#02

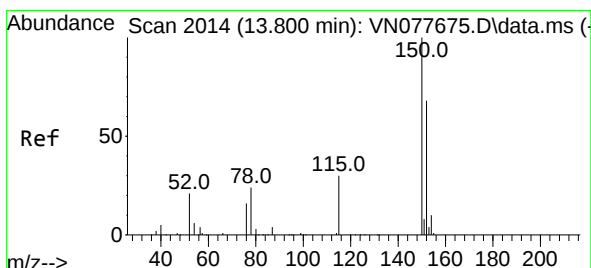
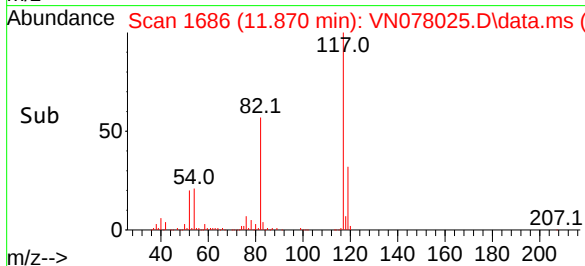
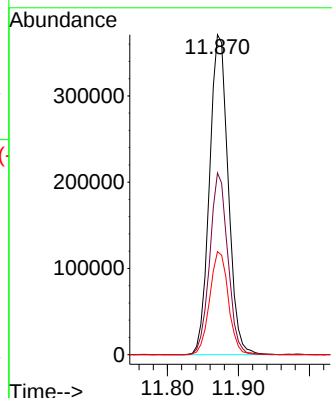
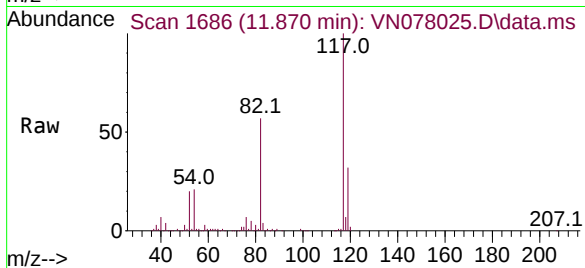
Tgt Ion:117 Resp: 677622

Ion Ratio Lower Upper

117 100

82 56.8 44.0 66.0

119 32.2 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: VN078025.D

Acq: 02 Jun 2023 12:33

Tgt Ion:152 Resp: 218584

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 155.0 0.0 355.8

