

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078041.D
 Acq On : 05 Jun 2023 13:57
 Operator : JC\MD
 Sample : PB153198ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#02

Quant Time: Jun 06 02:00:58 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)

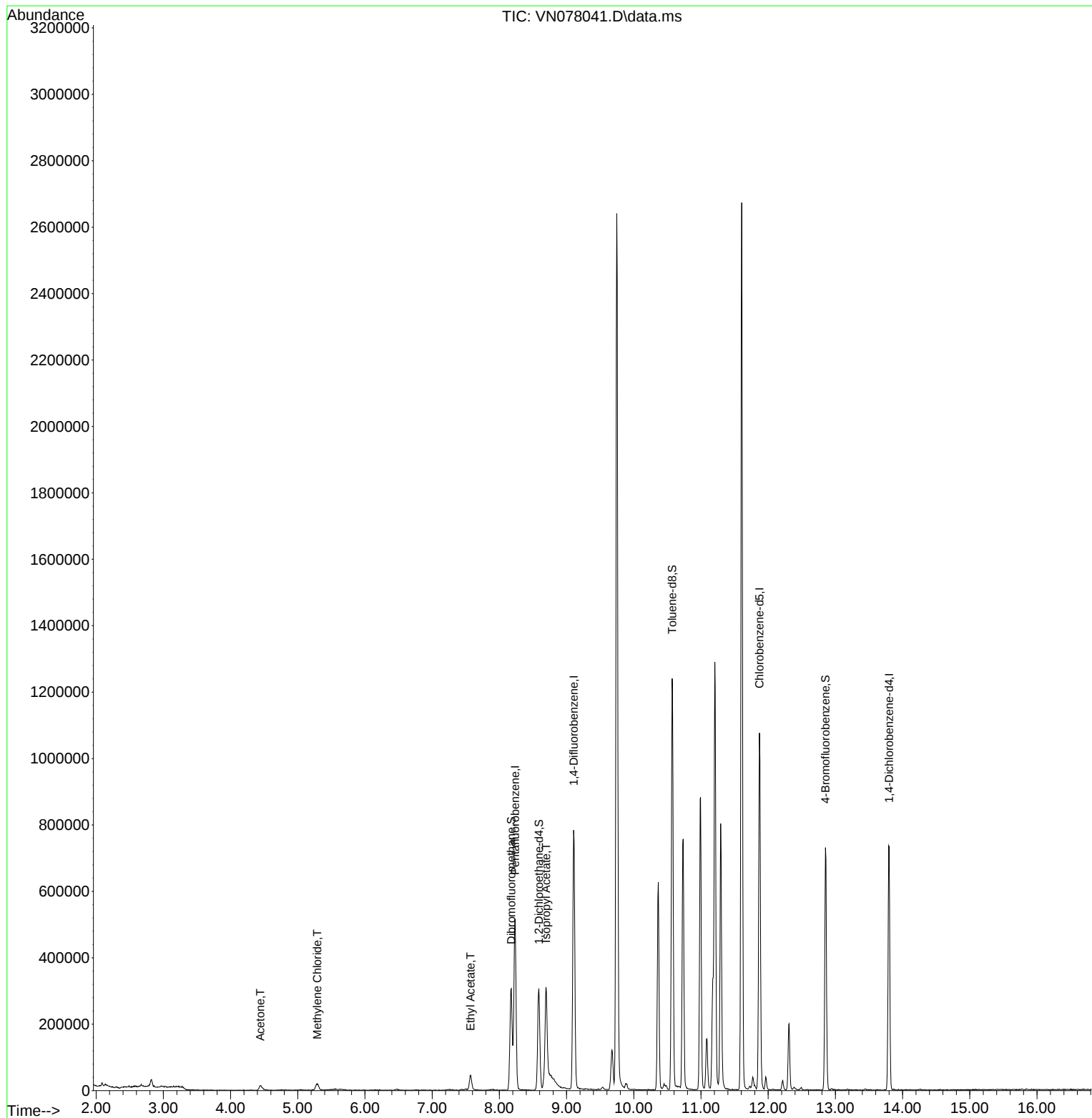
Internal Standards						
1) Pentafluorobenzene	8.235	168	381290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	646964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257139	45.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.140%
35) Dibromofluoromethane	8.177	113	225595	48.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	10.571	98	888697	49.593	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	262138	41.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.840%#
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	26377	14.696	ug/l	97
20) Methylene Chloride	5.289	84	15300	1.353	ug/l #	89
37) Ethyl Acetate	7.571	43	66222	10.911	ug/l	96
43) Isopropyl Acetate	8.694	43	454330	45.828	ug/l #	73

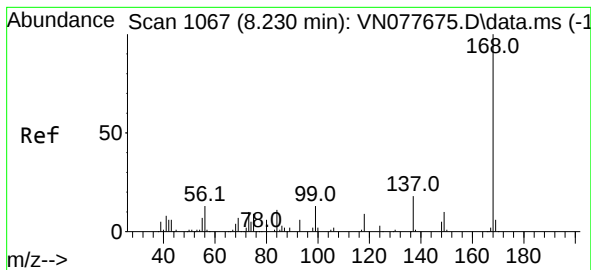
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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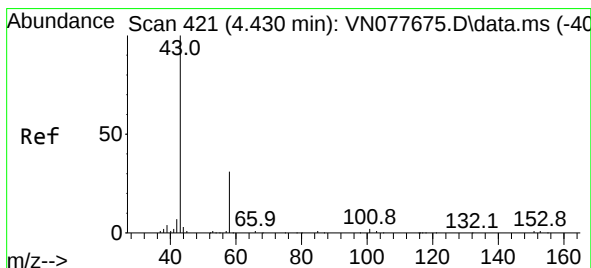
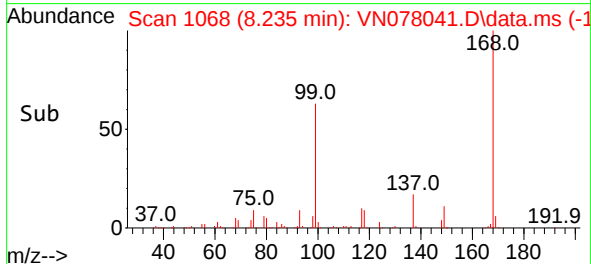
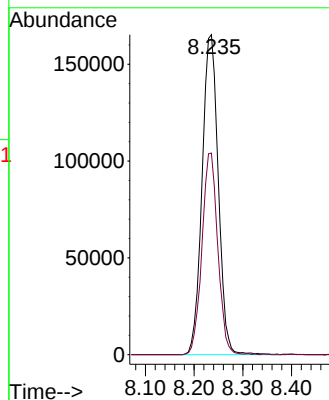
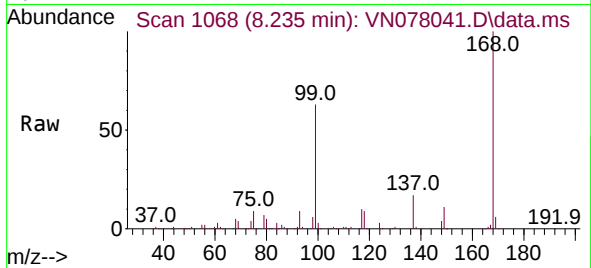




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

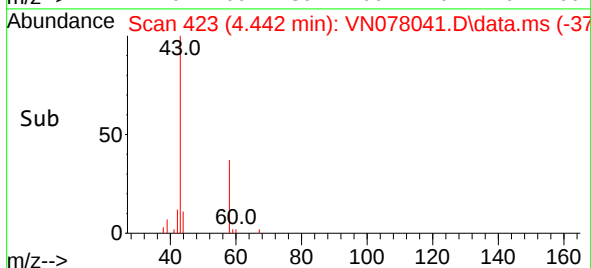
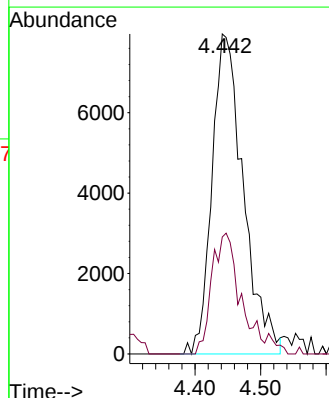
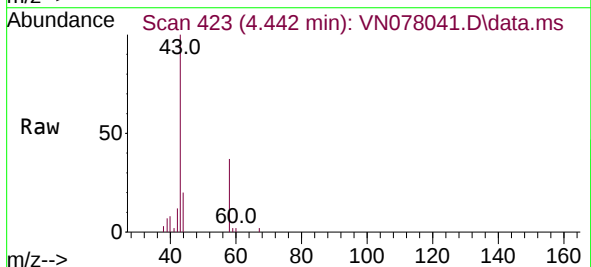
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#02

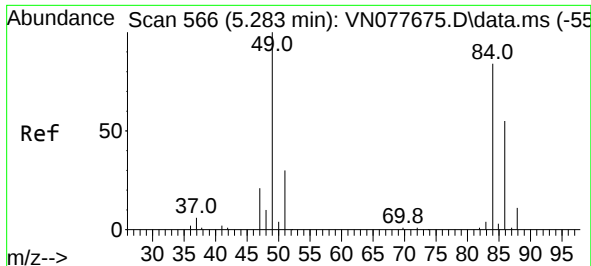
Tgt Ion:168 Resp: 381290
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 14.696 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

Tgt Ion: 43 Resp: 26377
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0

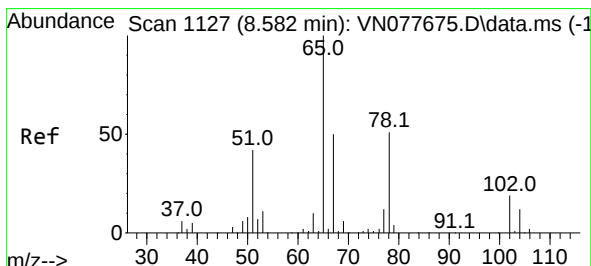
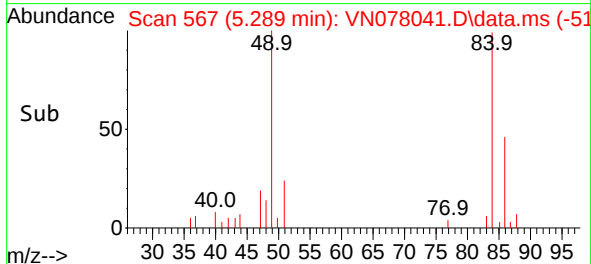
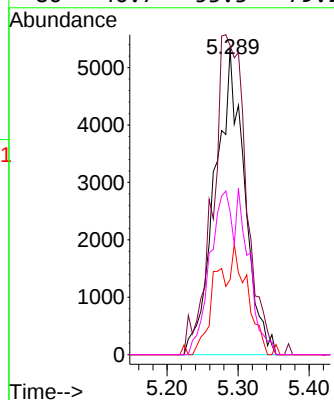
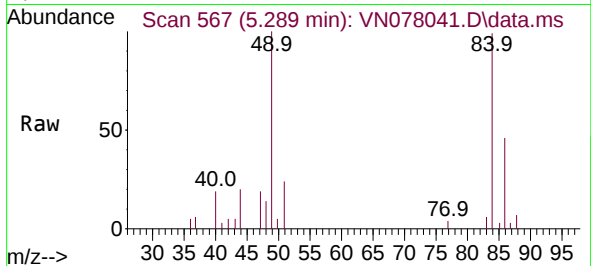




#20
Methylene Chloride
Concen: 1.353 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

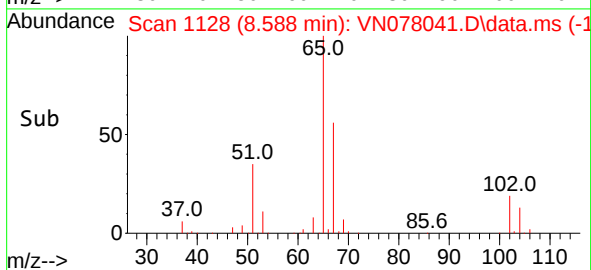
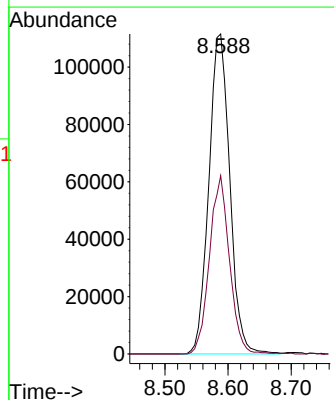
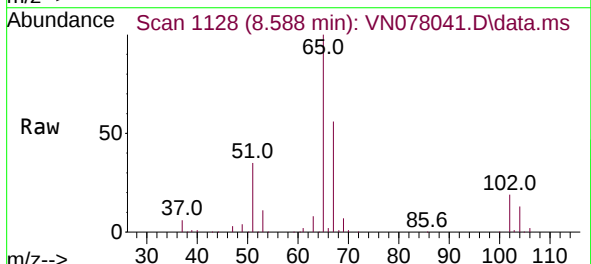
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#02

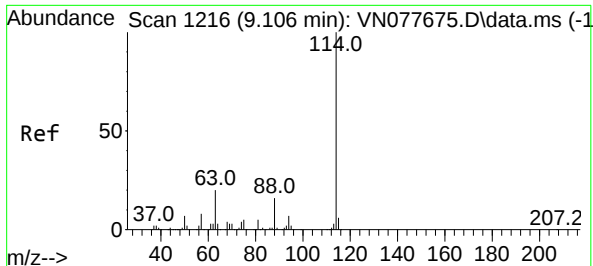
Tgt Ion: 84	Resp: 15300
Ion Ratio	Lower Upper
84 100	
49 100.9	79.7 119.5
51 24.5	25.2 37.8#
86 46.7	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 45.072 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

Tgt Ion: 65	Resp: 257139
Ion Ratio	Lower Upper
65 100	
67 53.2	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: VN078041.D

Acq: 05 Jun 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#02

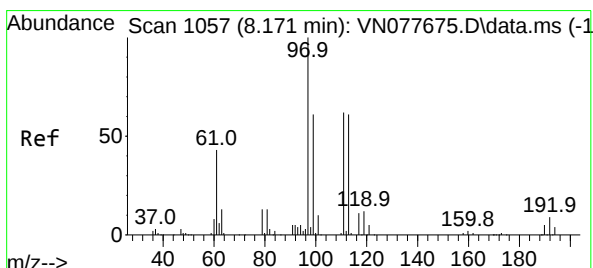
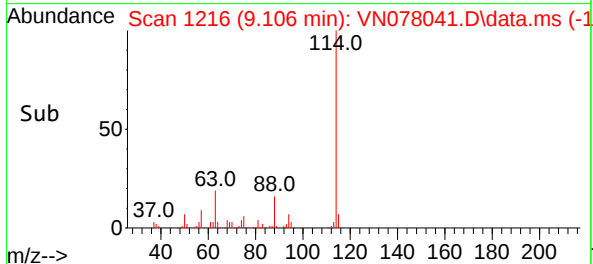
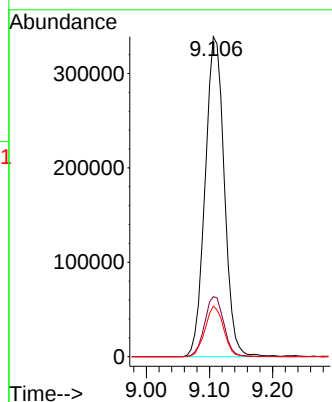
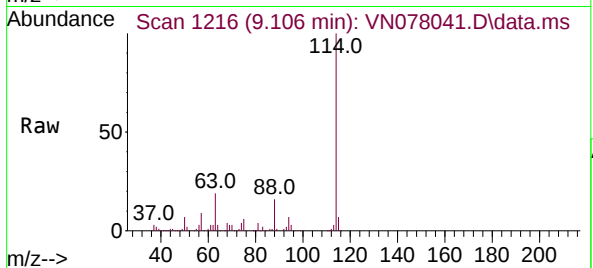
Tgt Ion:114 Resp: 713955

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.456 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078041.D

Acq: 05 Jun 2023 13:57

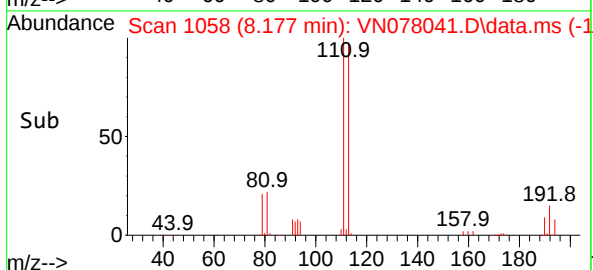
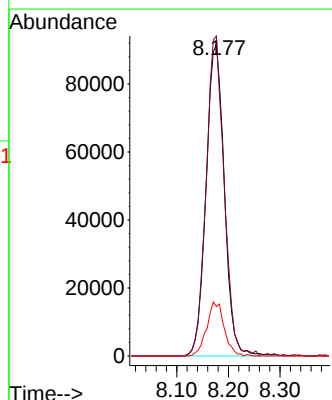
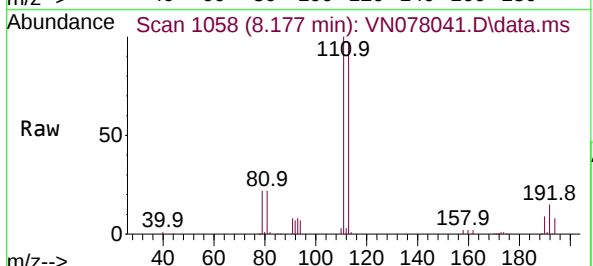
Tgt Ion:113 Resp: 225595

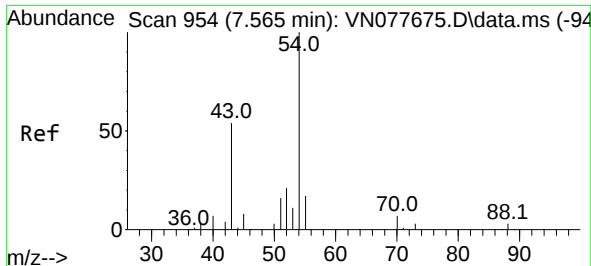
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 16.6 12.7 19.1

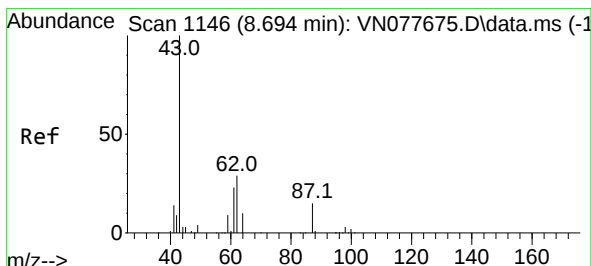
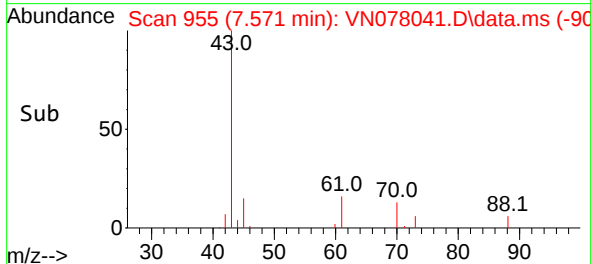
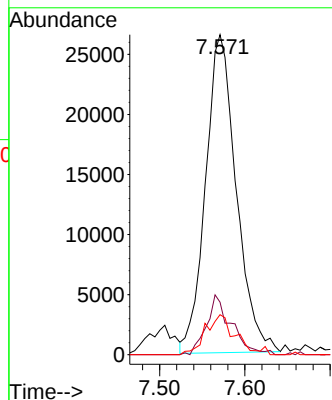
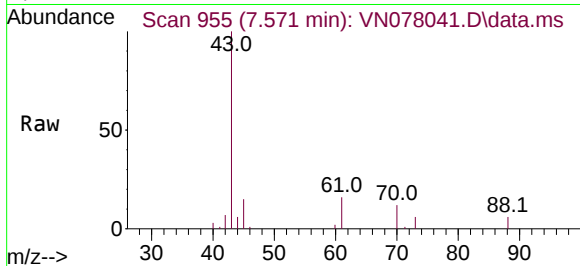




#37
Ethyl Acetate
Concen: 10.911 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

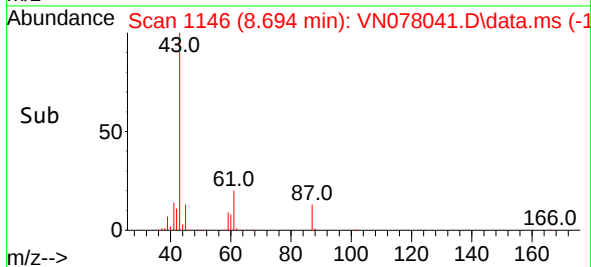
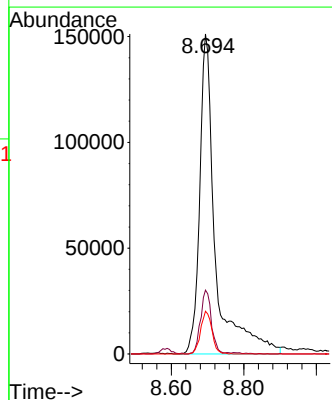
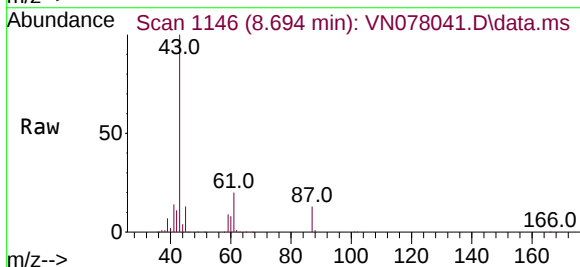
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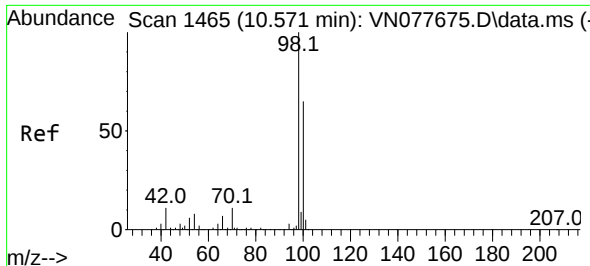
Tgt Ion: 43 Resp: 66222
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 12.0 11.3 16.9



#43
Isopropyl Acetate
Concen: 45.828 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

Tgt Ion: 43 Resp: 454330
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.6 14.6 21.8#

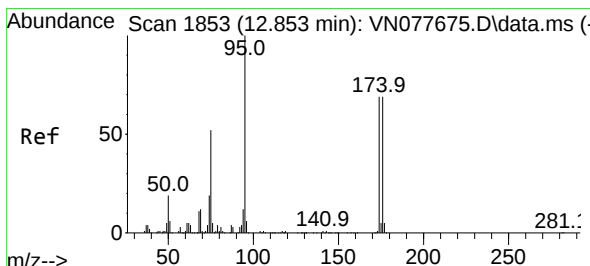
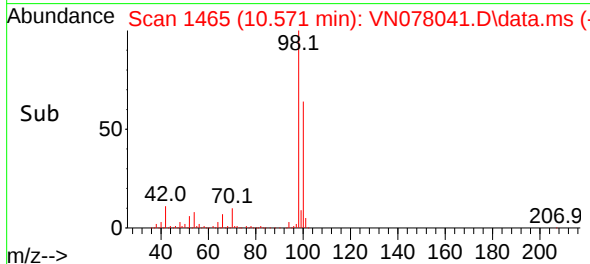
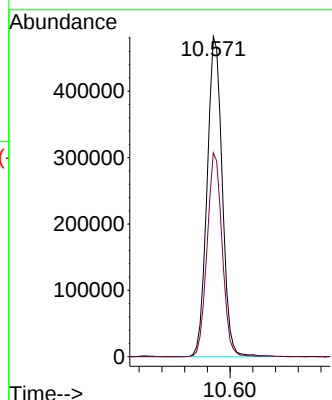
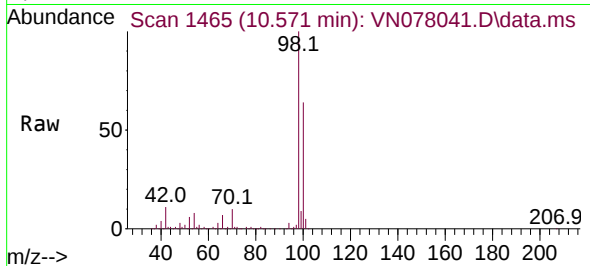




#50
Toluene-d8
Concen: 49.593 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

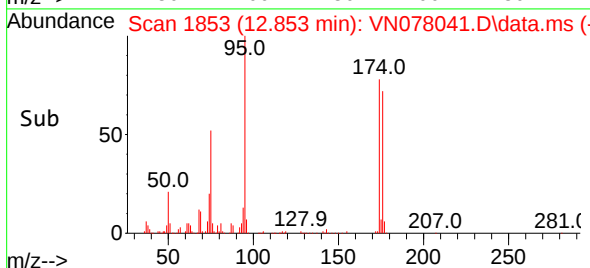
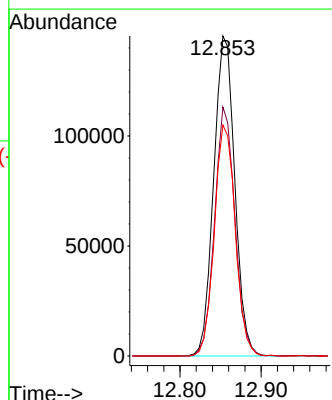
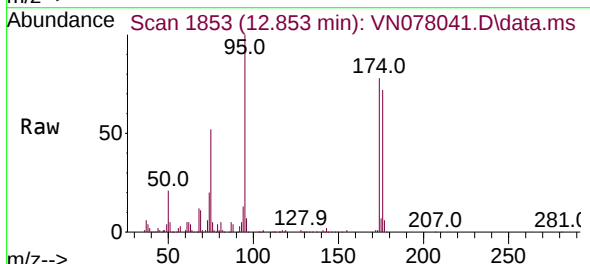
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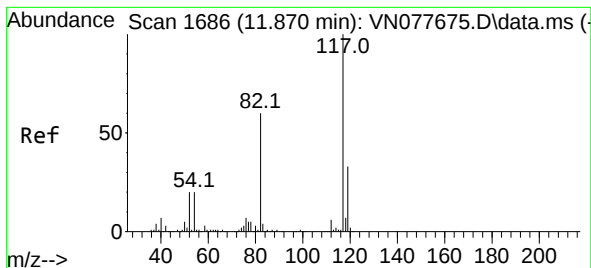
Tgt Ion: 98 Resp: 888697
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.419 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078041.D
Acq: 05 Jun 2023 13:57

Tgt Ion: 95 Resp: 262138
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.5 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: VN078041.D

Acq: 05 Jun 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#02

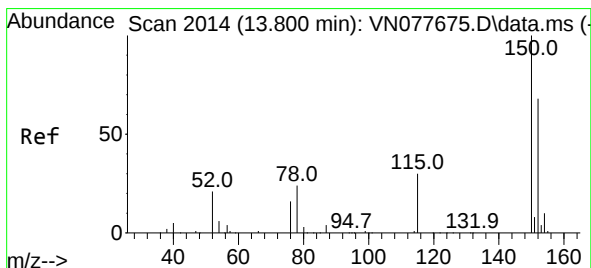
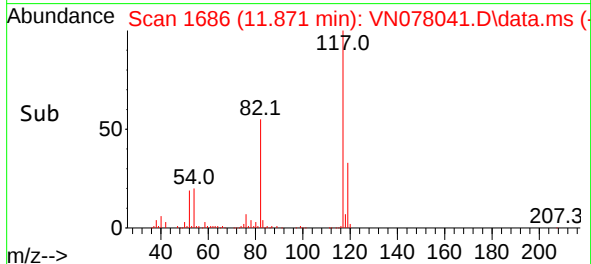
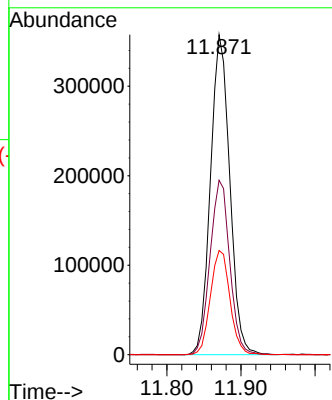
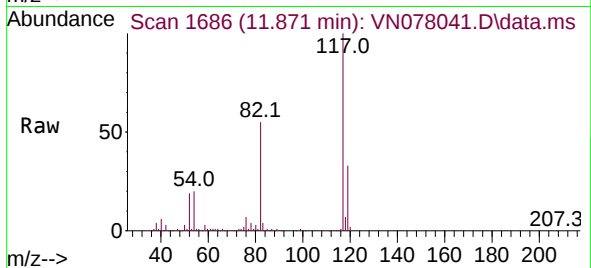
Tgt Ion:117 Resp: 646964

Ion Ratio Lower Upper

117 100

82 54.5 44.0 66.0

119 32.6 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: VN078041.D

Acq: 05 Jun 2023 13:57

Tgt Ion:152 Resp: 208634

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 158.7 0.0 355.8

