

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078044.D
 Acq On : 05 Jun 2023 15:09
 Operator : JC\MD
 Sample : PB153198ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#05

Quant Time: Jun 06 02:02:15 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)

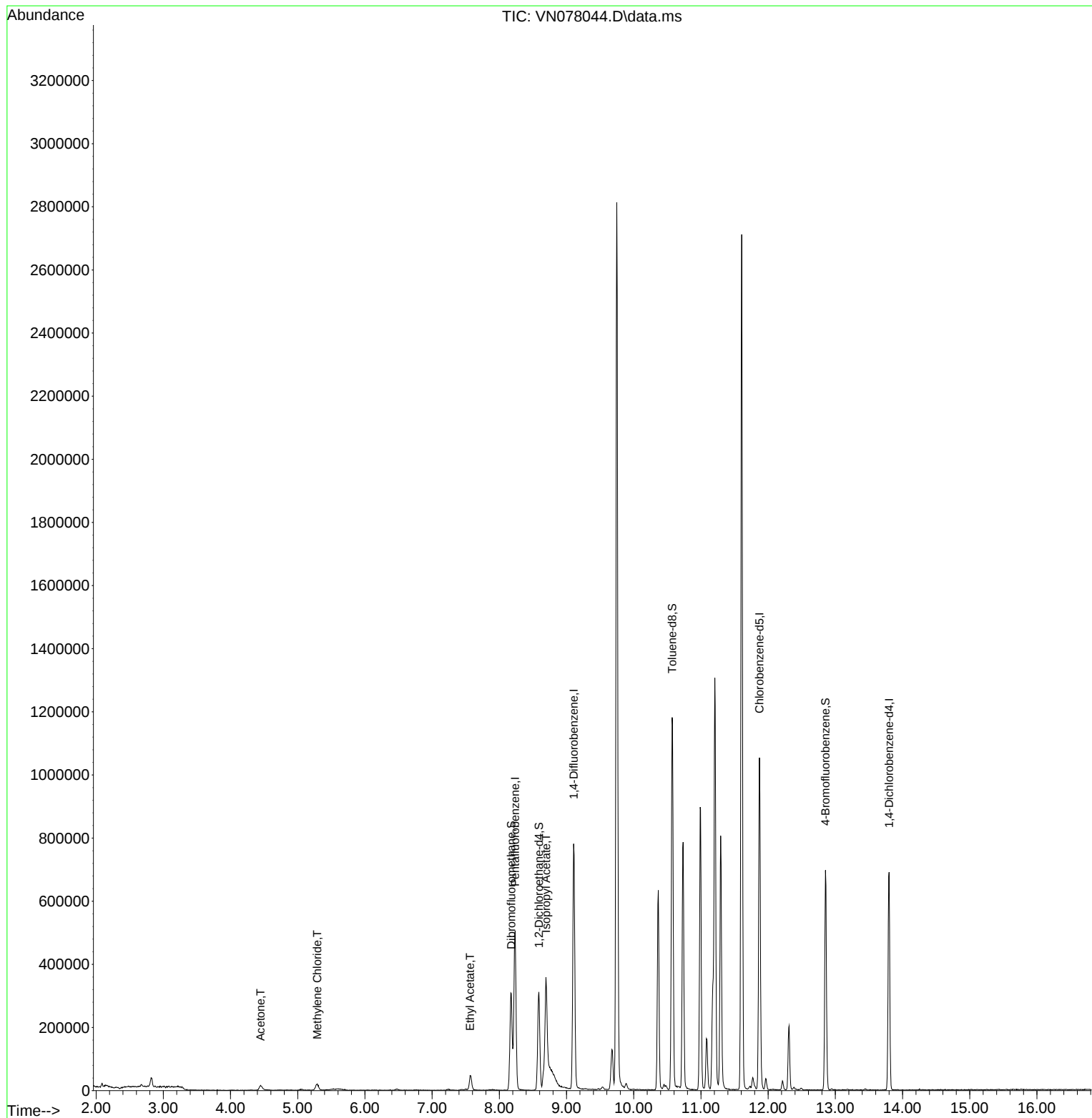
Internal Standards						
1) Pentafluorobenzene	8.236	168	367905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	691209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	256691	46.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.260%
35) Dibromofluoromethane	8.177	113	222492	49.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.720%
50) Toluene-d8	10.571	98	866166	49.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.853	95	251272	41.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.020%#
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	28324	16.354	ug/l	96
20) Methylene Chloride	5.289	84	15584	1.542	ug/l #	82
37) Ethyl Acetate	7.565	43	69094	11.759	ug/l	97
43) Isopropyl Acetate	8.694	43	467068	48.663	ug/l #	73

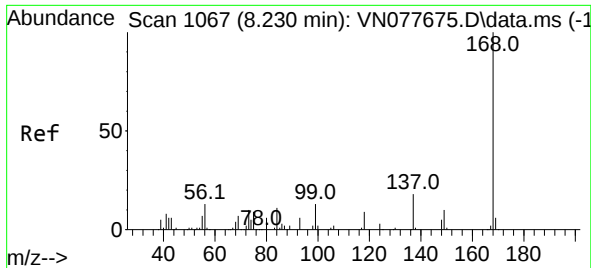
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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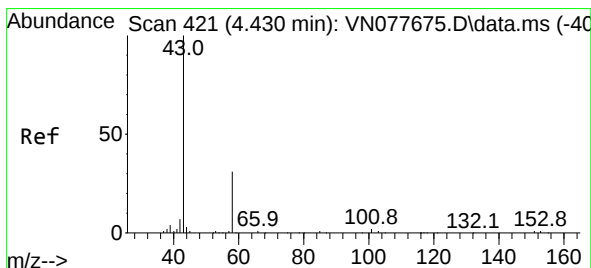
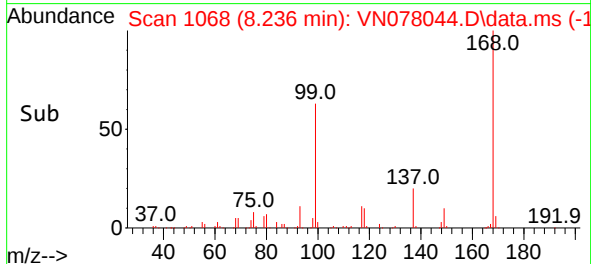
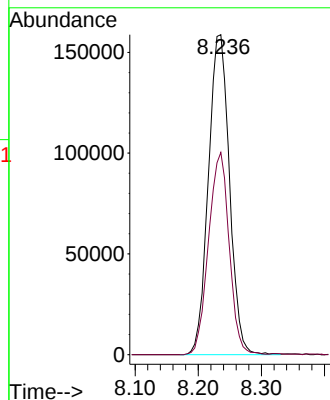
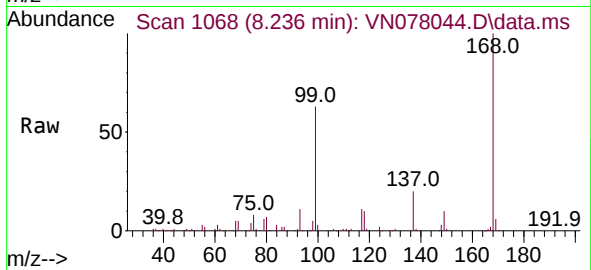




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

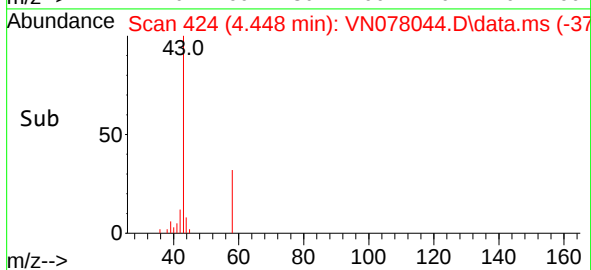
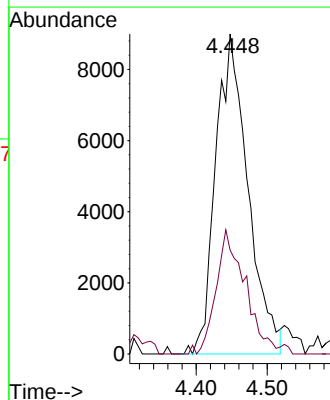
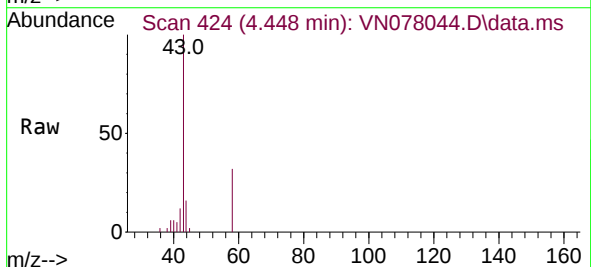
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#05

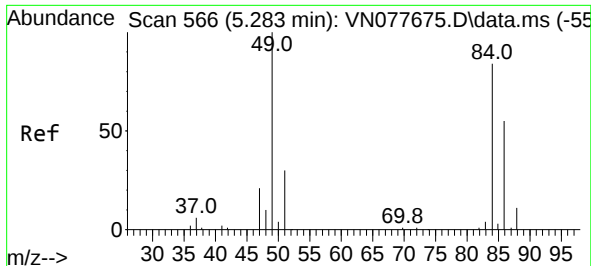
Tgt Ion:168 Resp: 367905
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 16.354 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 43 Resp: 28324
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

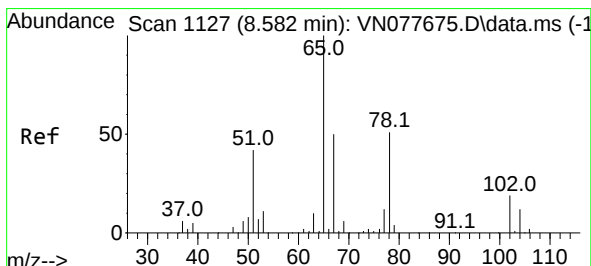
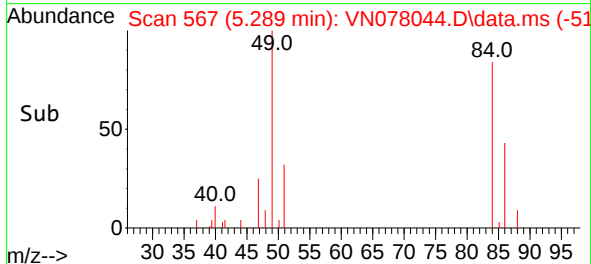
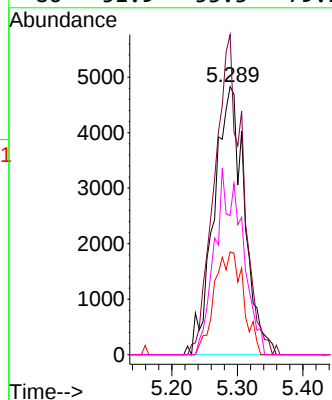
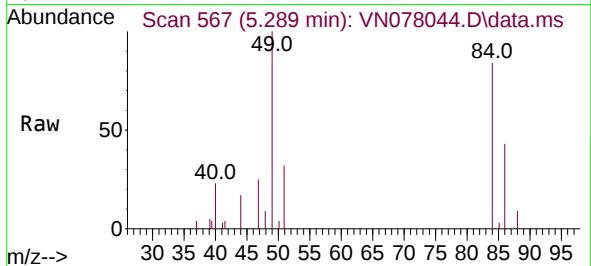




#20
Methylene Chloride
Concen: 1.542 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

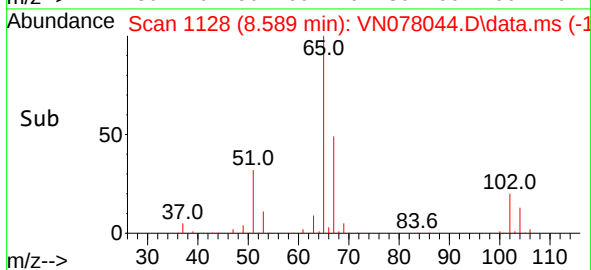
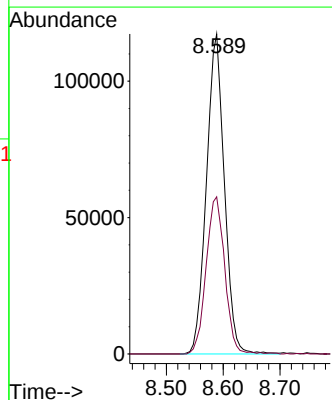
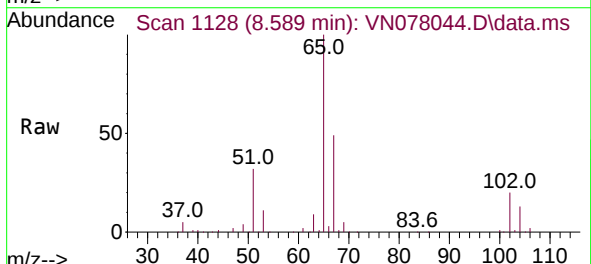
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#05

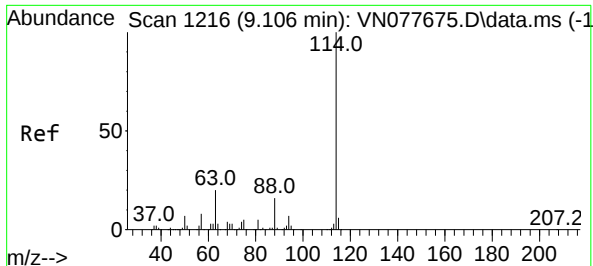
Tgt Ion: 84	Resp: 15584		
Ion	Ratio	Lower	Upper
84	100		
49	119.4	79.7	119.5
51	38.4	25.2	37.8#
86	51.9	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 46.630 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 65	Resp: 256691
Ion Ratio	Lower Upper
65 100	
67 50.9	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: VN078044.D

Acq: 05 Jun 2023 15:09

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#05

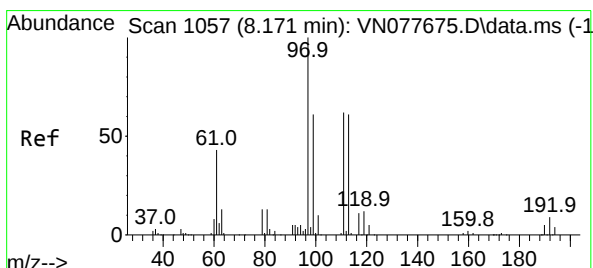
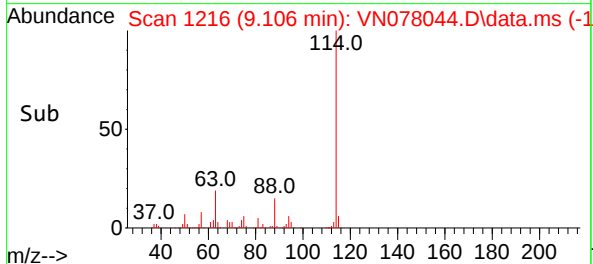
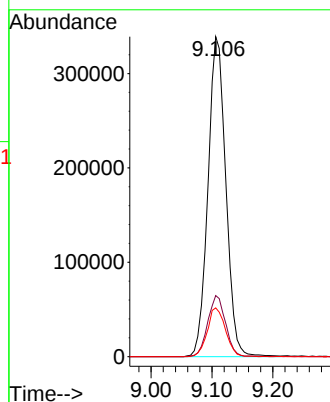
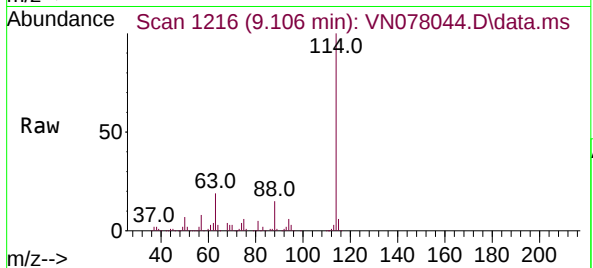
Tgt Ion:114 Resp: 691209

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.363 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078044.D

Acq: 05 Jun 2023 15:09

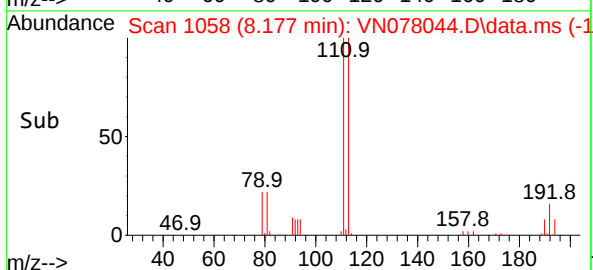
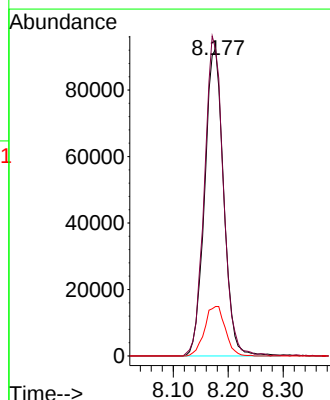
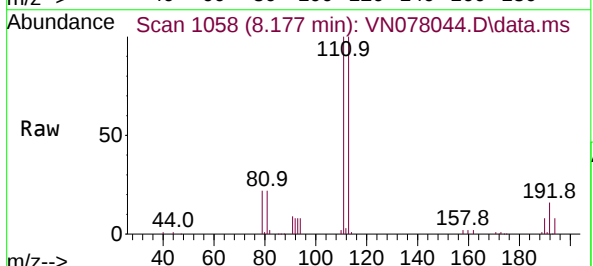
Tgt Ion:113 Resp: 222492

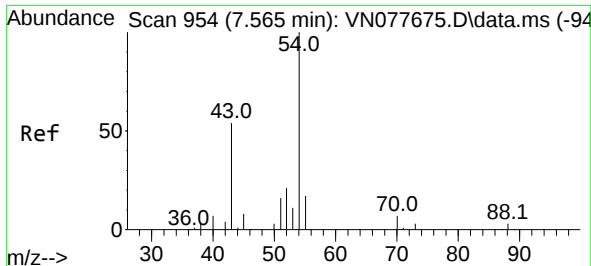
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.5 12.7 19.1

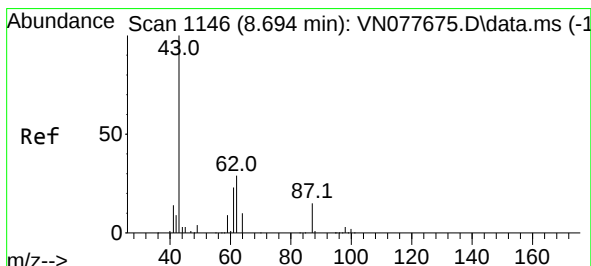
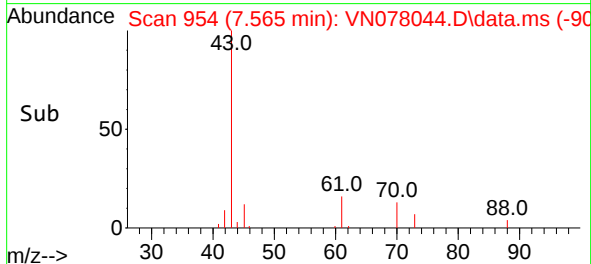
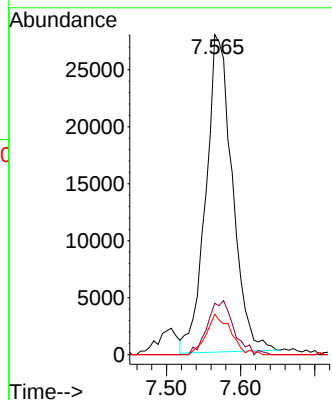
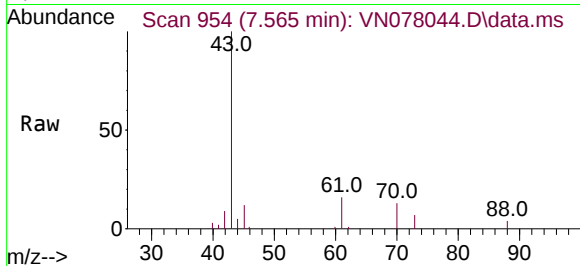




#37
Ethyl Acetate
Concen: 11.759 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

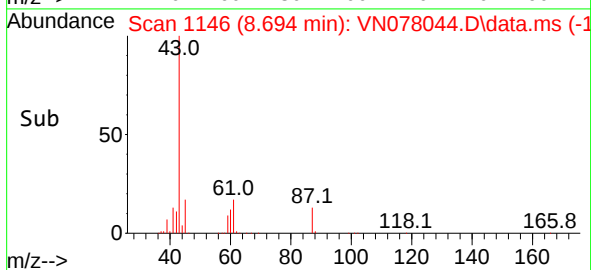
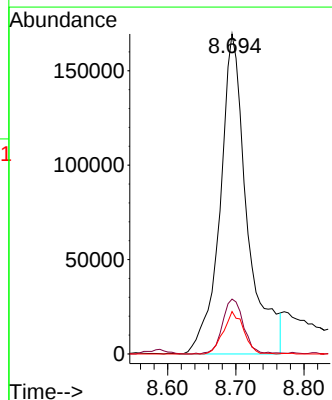
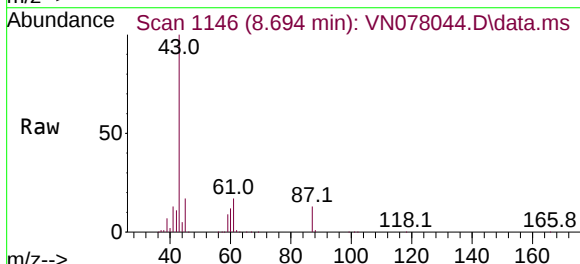
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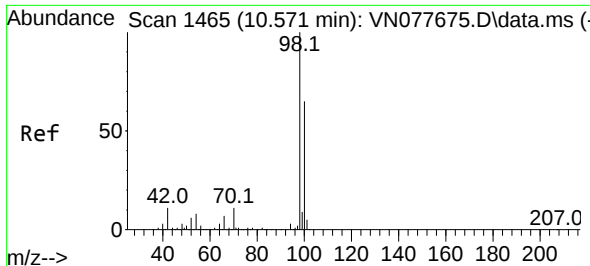
Tgt Ion: 43 Resp: 69094
Ion Ratio Lower Upper
43 100
61 17.0 13.2 19.8
70 11.8 11.3 16.9



#43
Isopropyl Acetate
Concen: 48.663 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 43 Resp: 467068
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 9.9 14.6 21.8#

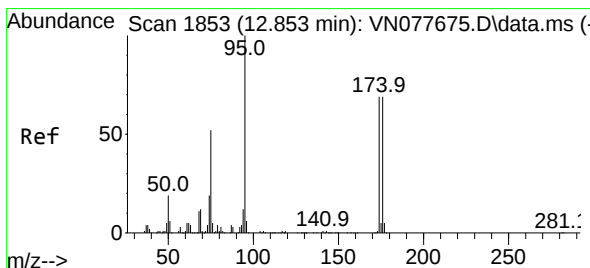
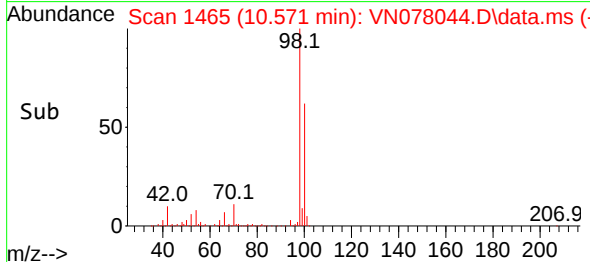
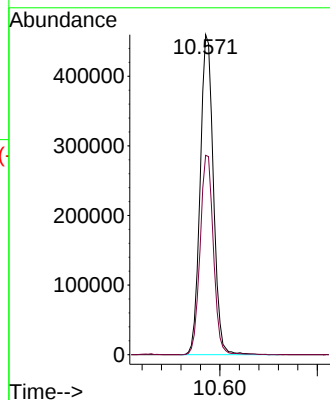
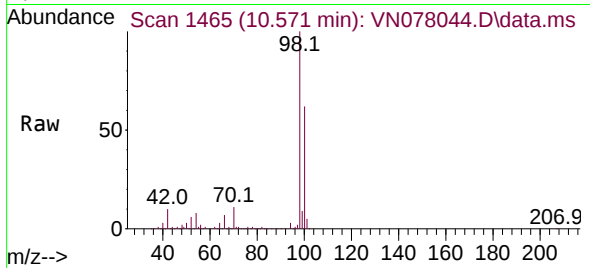




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

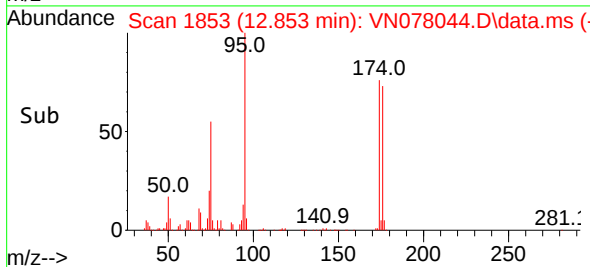
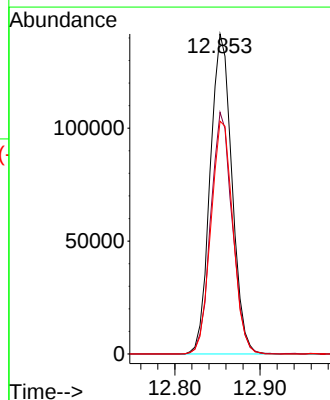
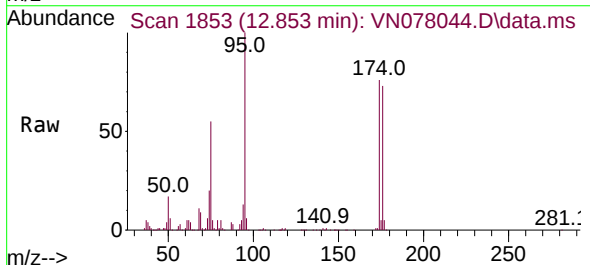
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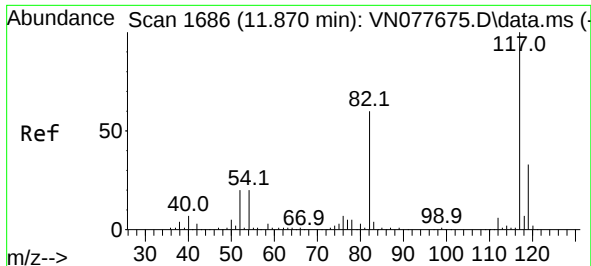
Tgt Ion: 98 Resp: 866166
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.009 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 95 Resp: 251272
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.6 0.0 135.8

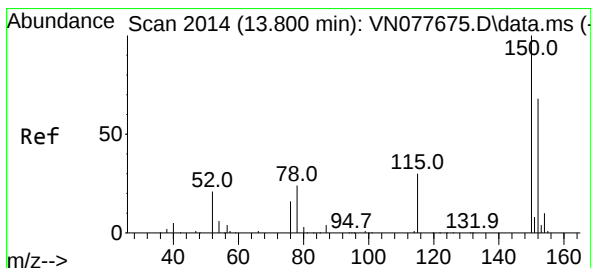
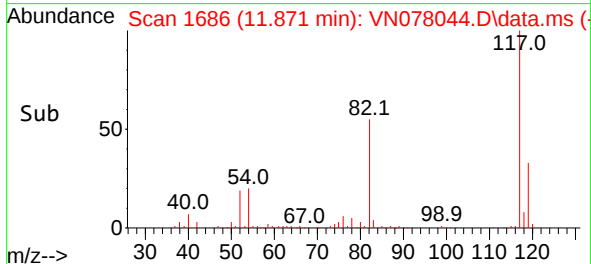
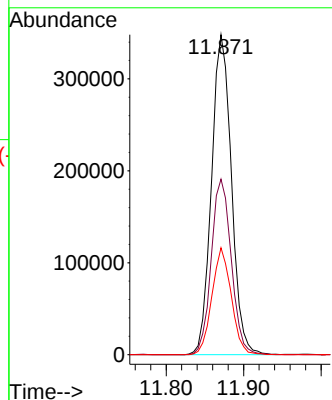
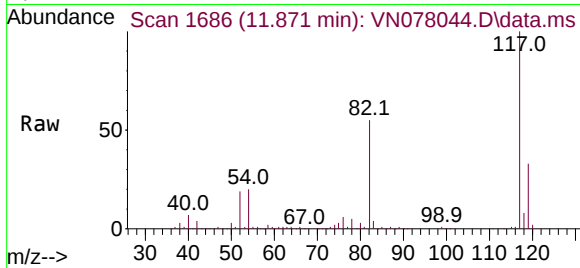




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078044.D
Acq: 05 Jun 2023 15:09

Instrument :
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Tgt Ion:117 Resp: 622381
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 33.4 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: VN078044.D
Acq: 05 Jun 2023 15:09

Tgt Ion:152 Resp: 194193
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 154.0 0.0 355.8

