

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078171.D
 Acq On : 12 Jun 2023 17:06
 Operator : JC\MD
 Sample : 03140-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-GA

Quant Time: Jun 13 01:35:15 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)

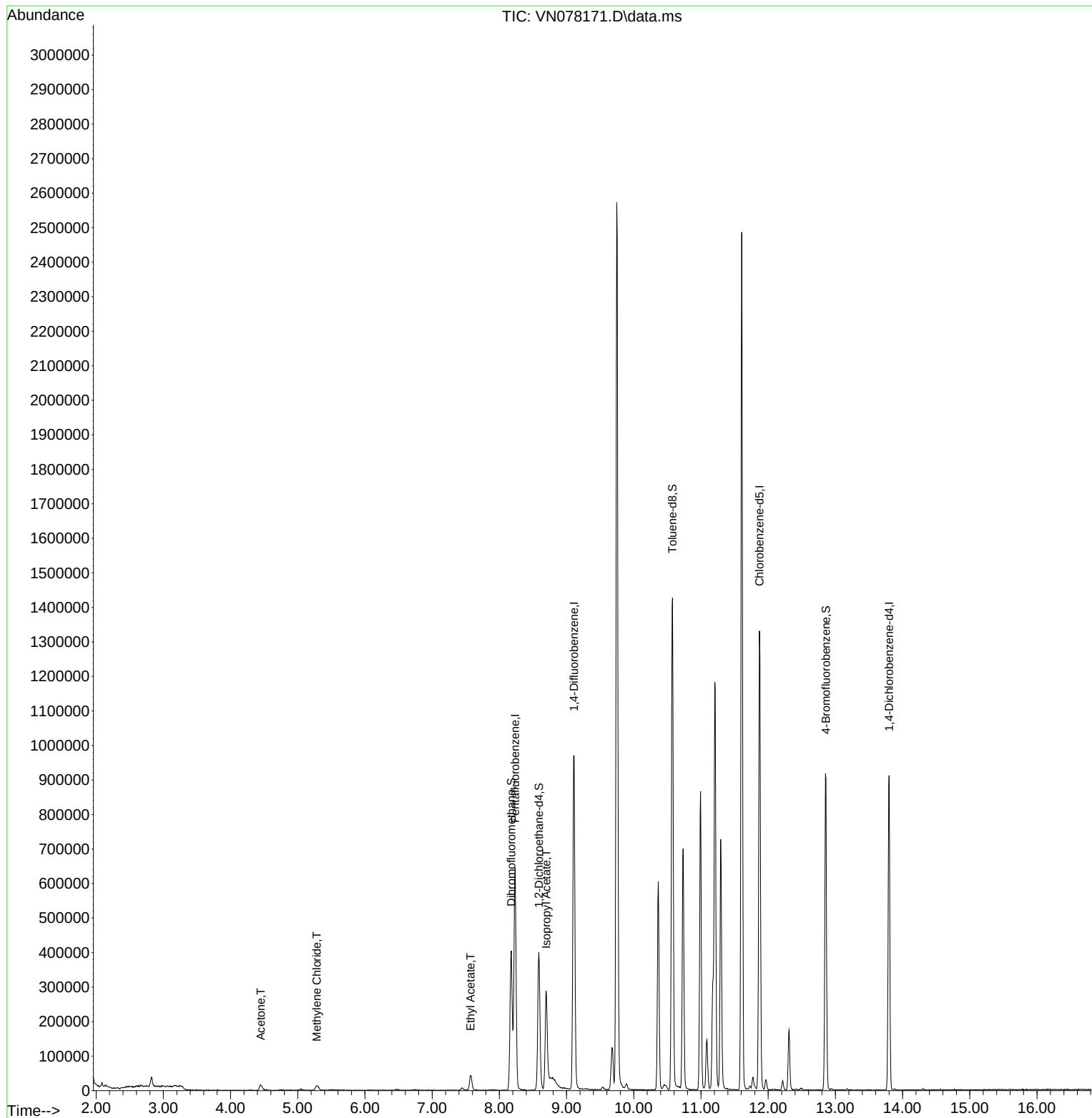
Internal Standards						
1) Pentafluorobenzene	8.235	168	459523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	862409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	791372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329262	53.741	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	107.480%	
35) Dibromofluoromethane	8.177	113	289796	53.145	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.300%	
50) Toluene-d8	10.576	98	1039087	49.430	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.860%	
62) 4-Bromofluorobenzene	12.859	95	320959	49.113	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	31242	17.716	ug/l	96
20) Methylene Chloride	5.283	84	11452	1.965	ug/l	91
37) Ethyl Acetate	7.571	43	64689	10.587	ug/l	97
43) Isopropyl Acetate	8.700	43	339487	29.052	ug/l #	80

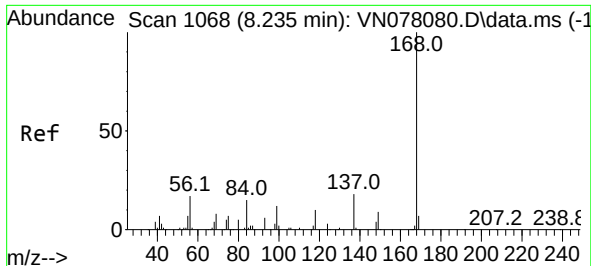
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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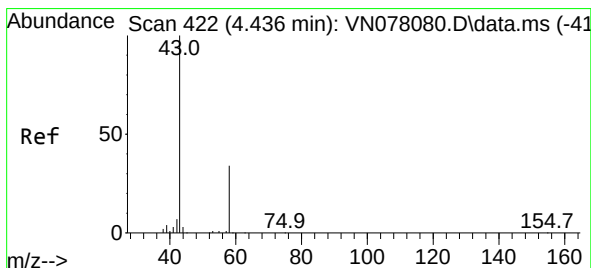
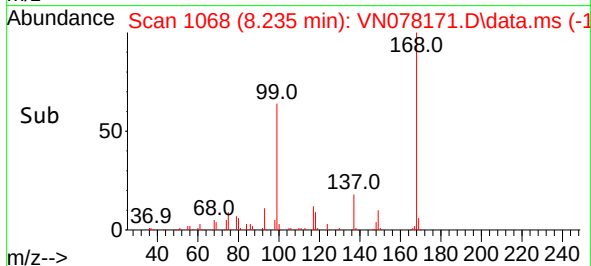
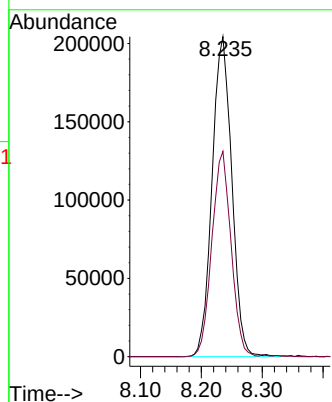
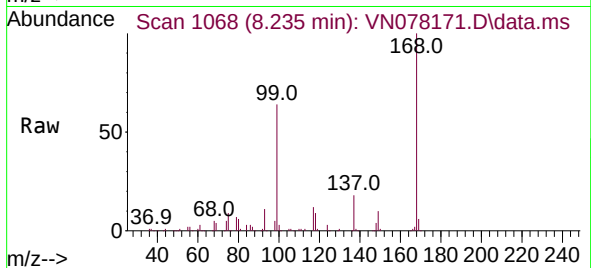




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

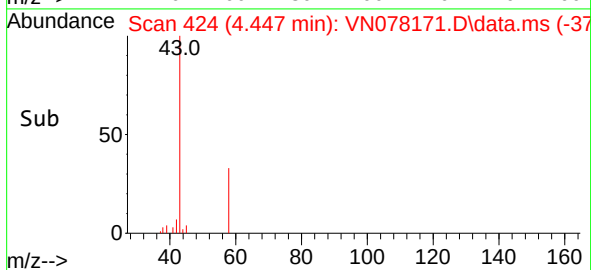
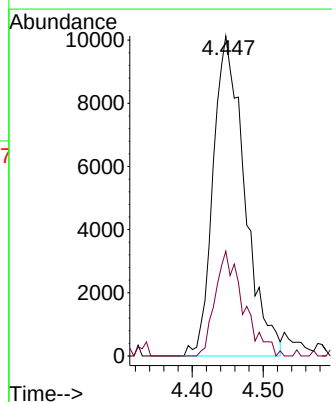
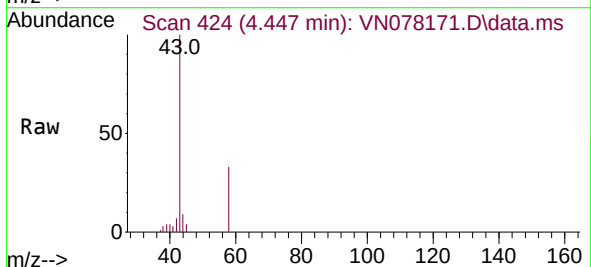
Instrument :
MSVOA_N
ClientSampleId :
TP-3-GA

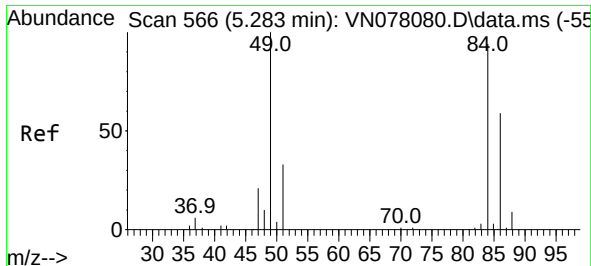
Tgt Ion:168 Resp: 459523
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#16
Acetone
Concen: 17.716 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 43 Resp: 31242
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

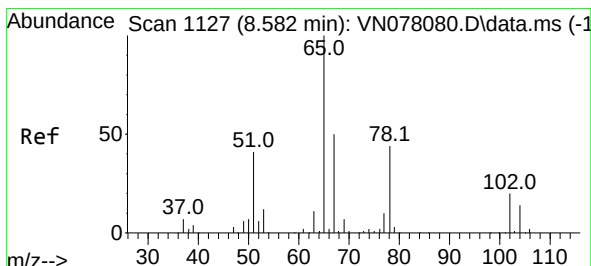
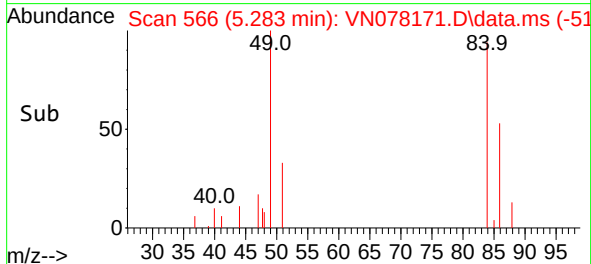
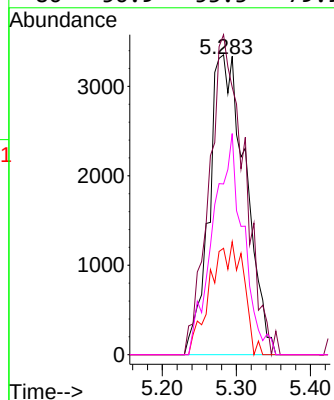
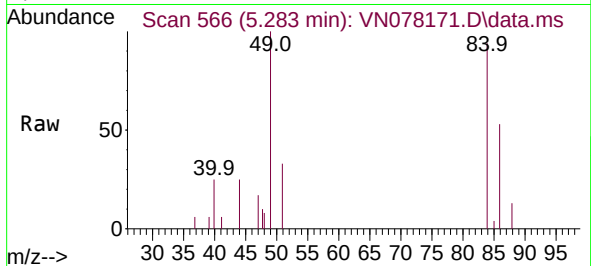




#20
Methylene Chloride
Concen: 1.965 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

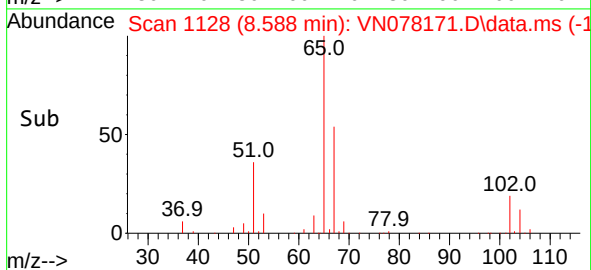
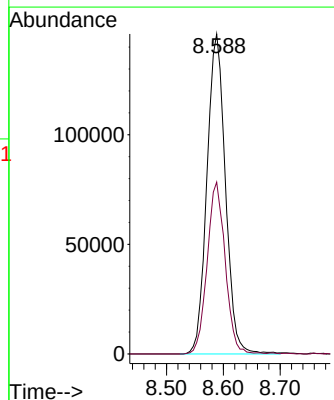
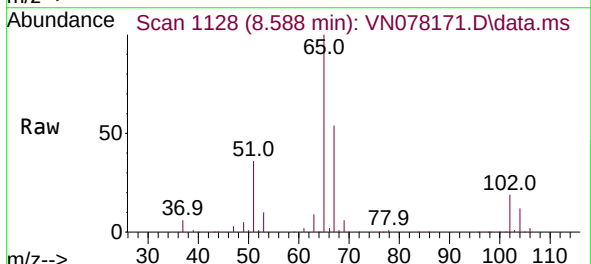
Instrument :
MSVOA_N
ClientSampleId :
TP-3-GA

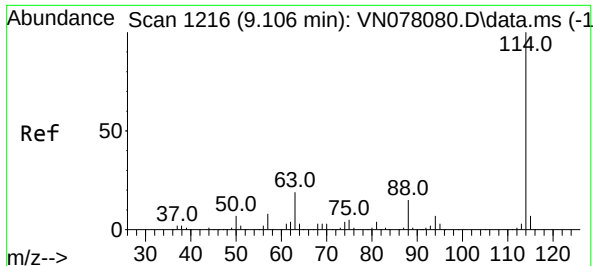
Tgt Ion: 84	Resp: 11452		
Ion	Ratio	Lower	Upper
84	100		
49	106.7	79.7	119.5
51	35.5	25.2	37.8
86	56.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.741 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 65	Resp: 329262
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# 114

Delta R.T. 0.006 min

Lab File: VN078171.D

Acq: 12 Jun 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

TP-3-GA

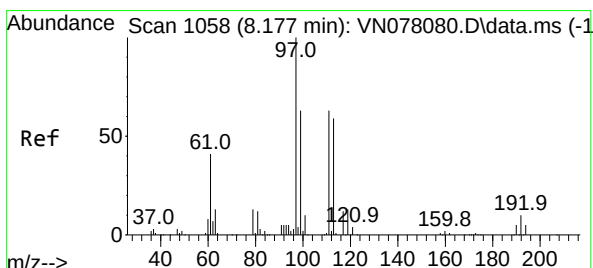
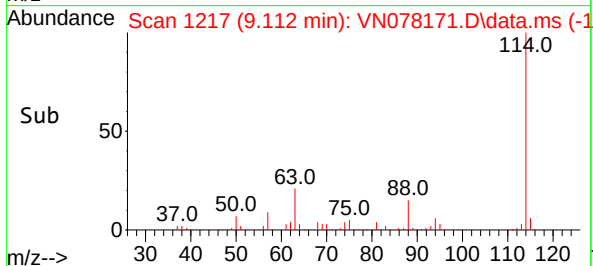
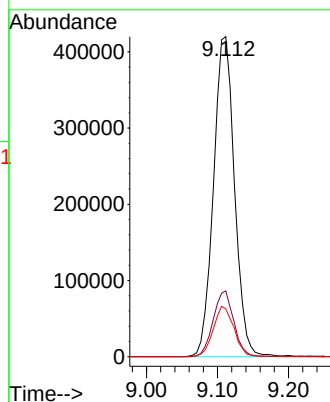
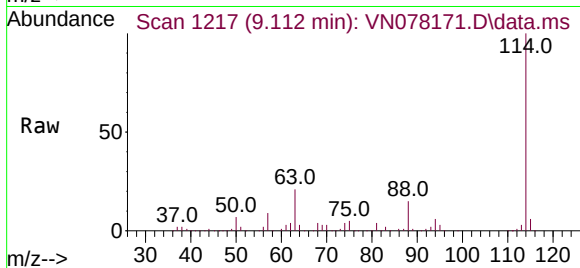
Tgt Ion:114 Resp: 862409

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.145 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078171.D

Acq: 12 Jun 2023 17:06

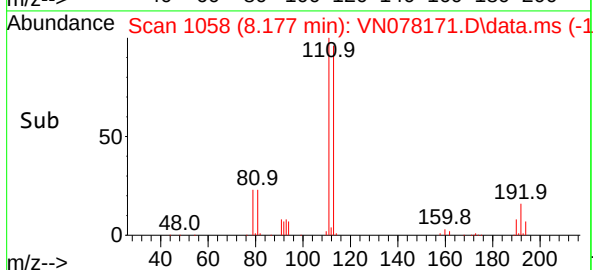
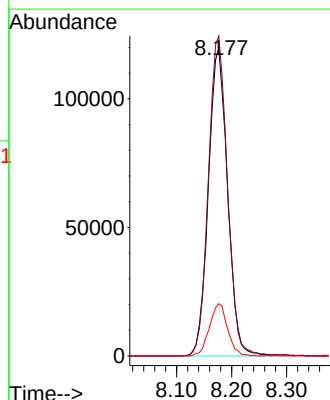
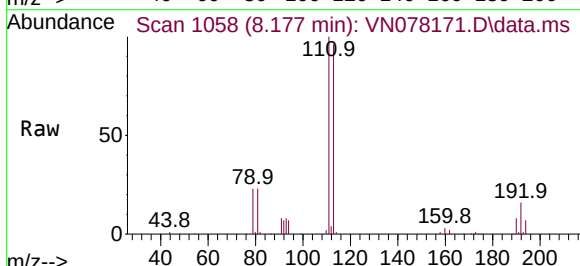
Tgt Ion:113 Resp: 289796

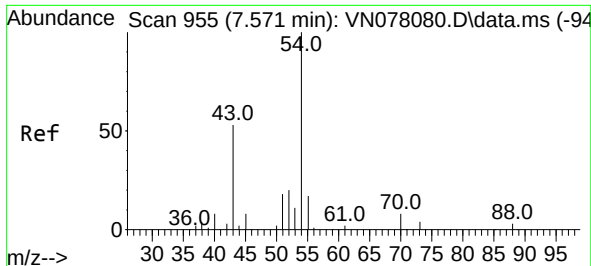
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.2 12.7 19.1

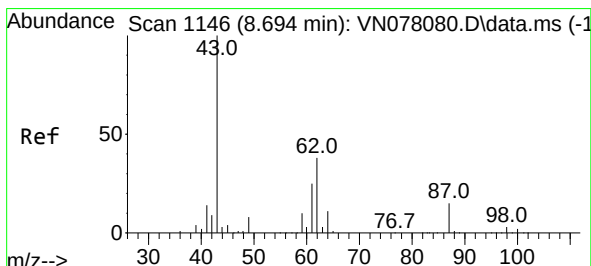
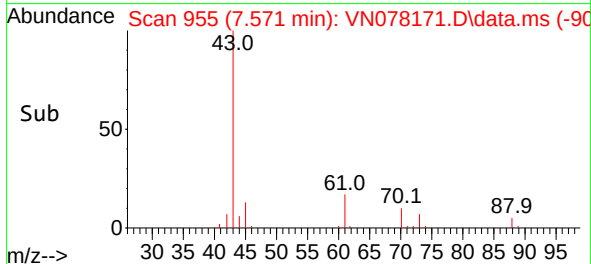
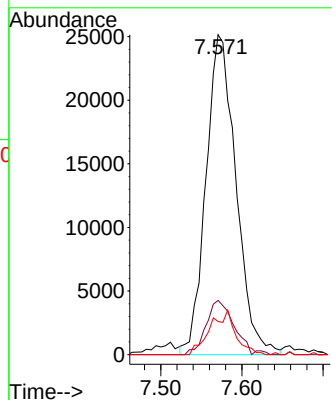
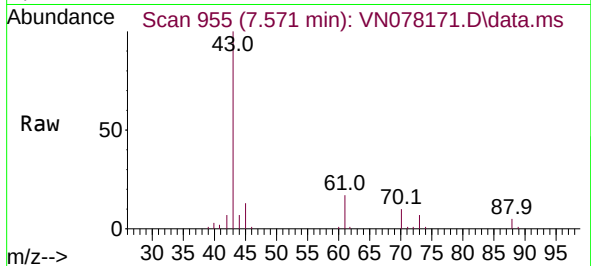




#37
Ethyl Acetate
Concen: 10.587 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

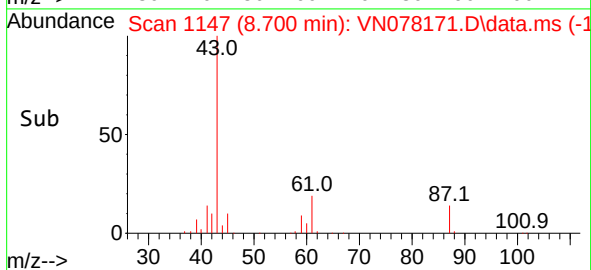
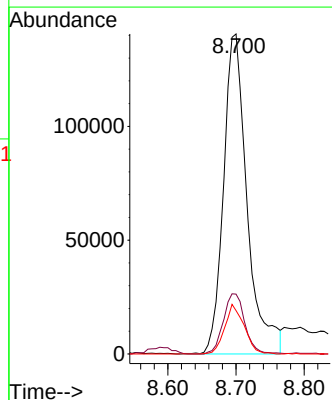
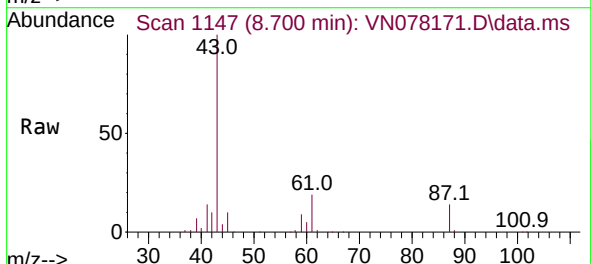
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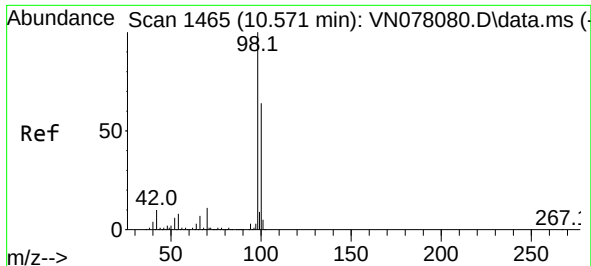
Tgt Ion: 43 Resp: 64689
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 11.8 11.3 16.9



#43
Isopropyl Acetate
Concen: 29.052 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 43 Resp: 339487
Ion Ratio Lower Upper
43 100
61 17.2 24.7 37.1#
87 12.8 14.6 21.8#

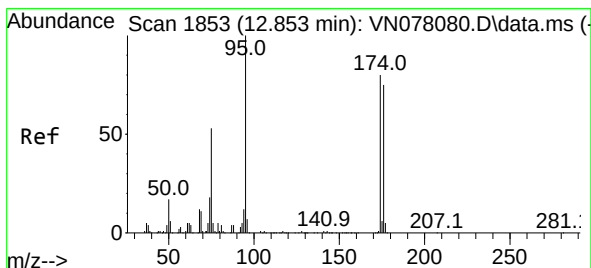
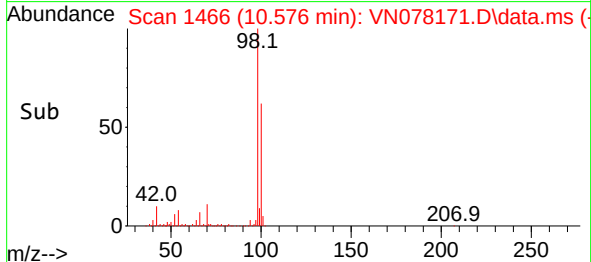
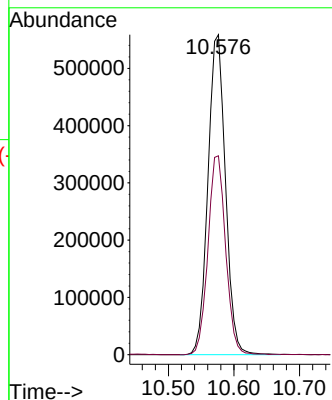
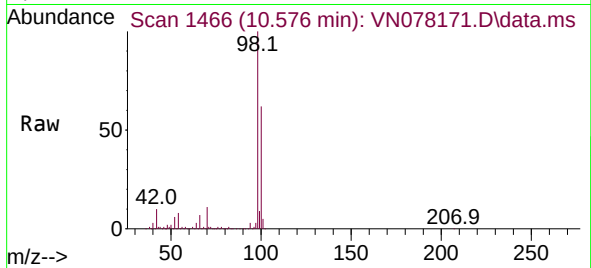




#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

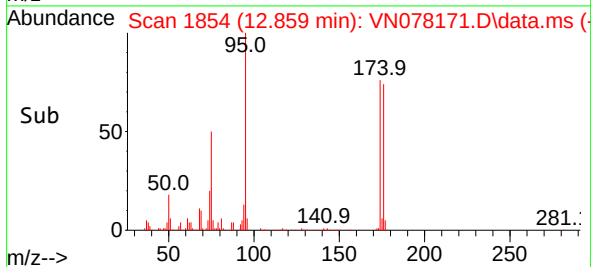
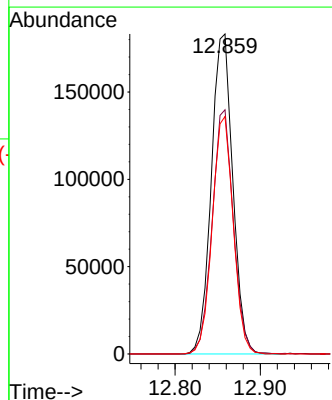
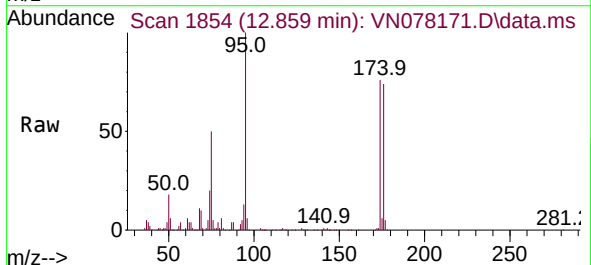
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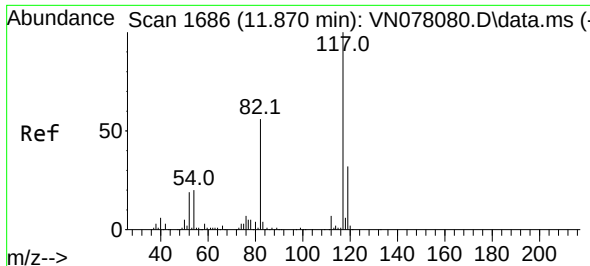
Tgt Ion: 98 Resp: 1039087
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

Tgt Ion: 95 Resp: 320959
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.5 0.0 135.8

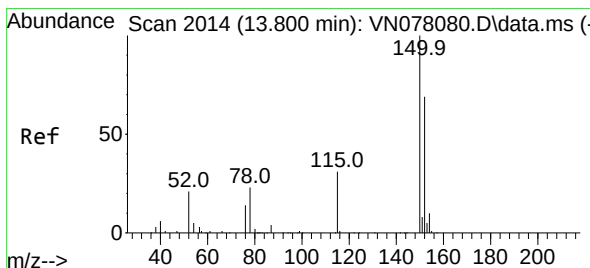
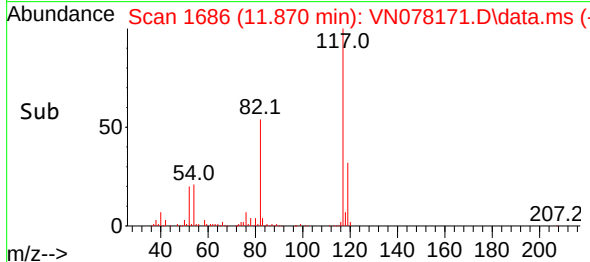
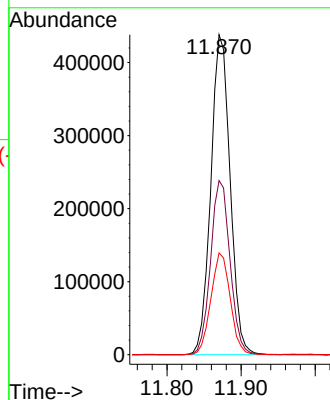
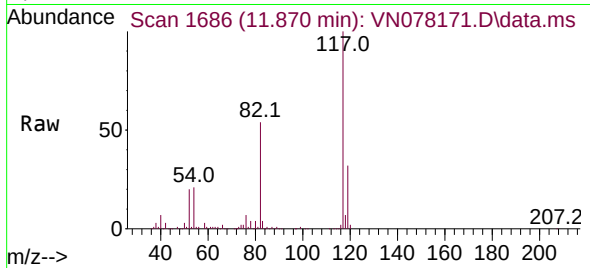




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078171.D
Acq: 12 Jun 2023 17:06

Instrument :
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Tgt Ion:117 Resp: 791372
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 31.8 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: VN078171.D
Acq: 12 Jun 2023 17:06

Tgt Ion:152 Resp: 246256
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 155.0 0.0 355.8

