

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078172.D
 Acq On : 12 Jun 2023 17:30
 Operator : JC\MD
 Sample : 03140-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 13 01:35:40 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)

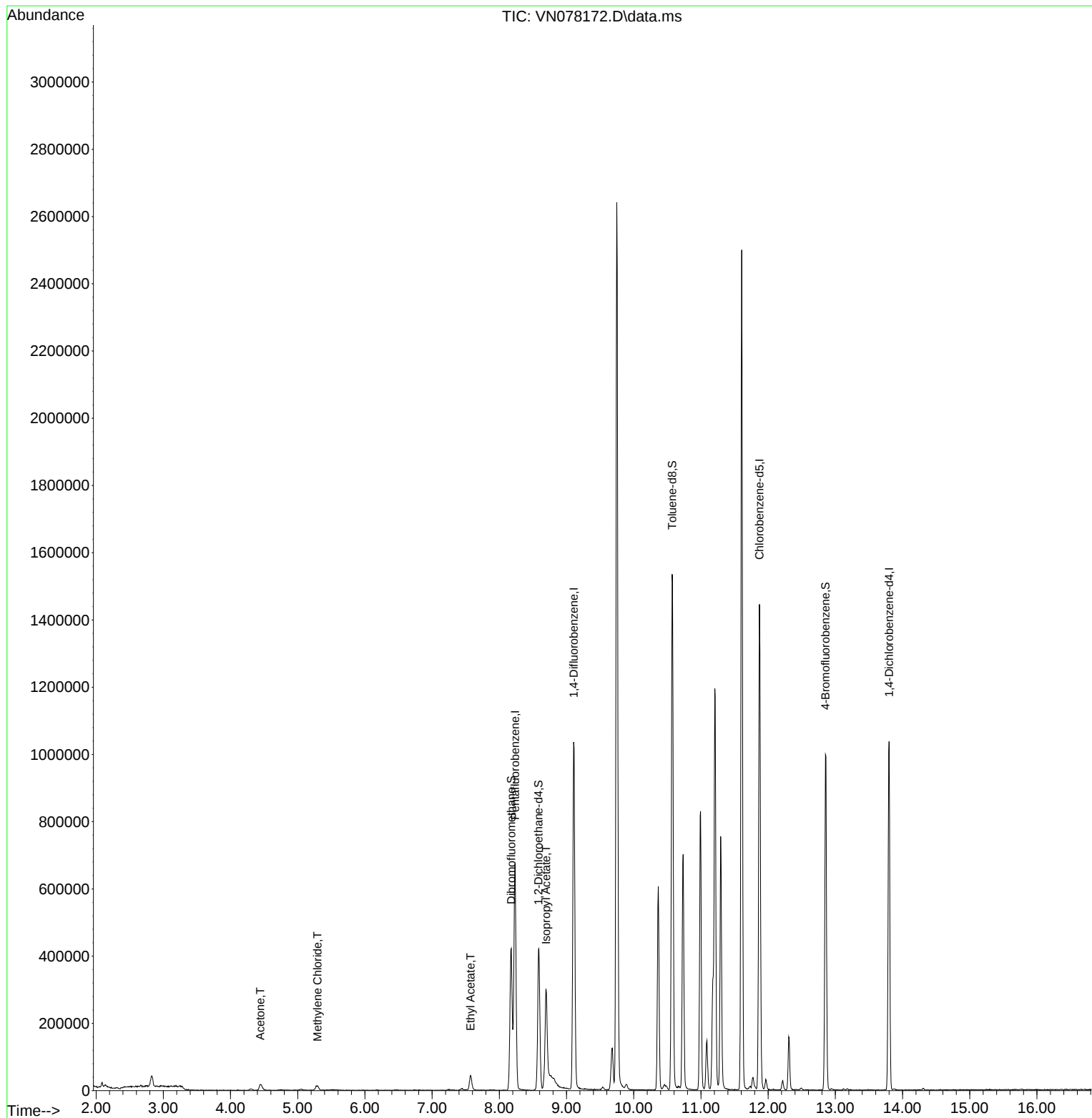
Internal Standards						
1) Pentafluorobenzene	8.236	168	481678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	916101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	851676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	284222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	346569	53.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.920%			
35) Dibromofluoromethane	8.177	113	305603	52.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.520%			
50) Toluene-d8	10.571	98	1114918	49.929	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.853	95	361014	52.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.000%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	35285	19.088	ug/l #	84
20) Methylene Chloride	5.295	84	11004	1.801	ug/l	93
37) Ethyl Acetate	7.571	43	67006	10.324	ug/l	96
43) Isopropyl Acetate	8.694	43	360495	29.042	ug/l #	78

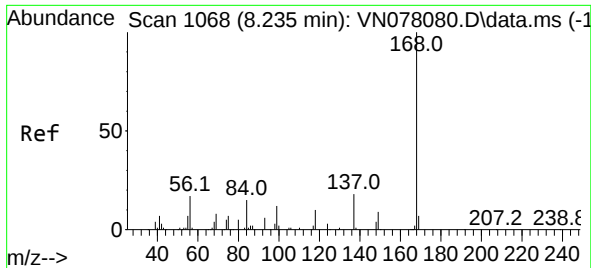
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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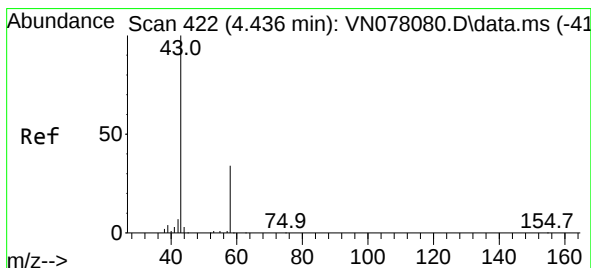
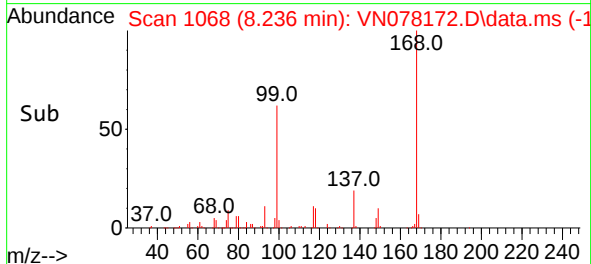
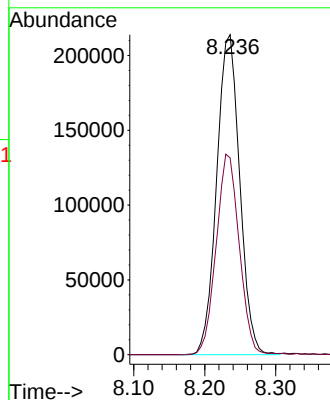
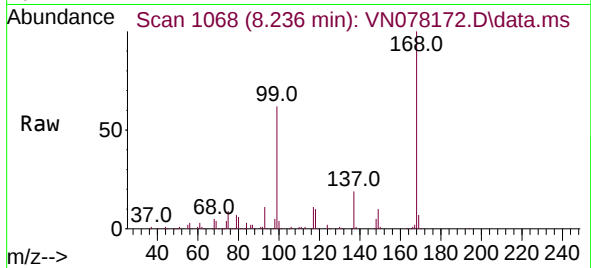




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

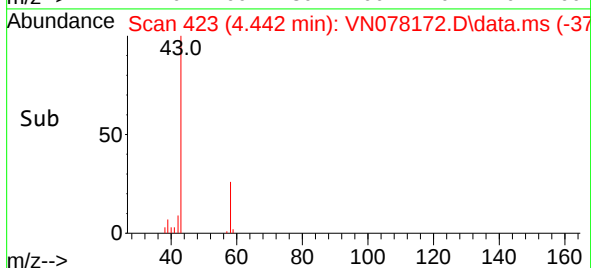
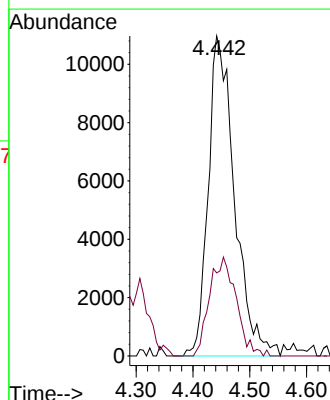
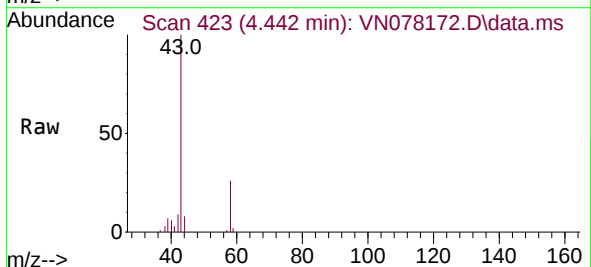
Instrument :
MSVOA_N
ClientSampleId :
TP-6-GA

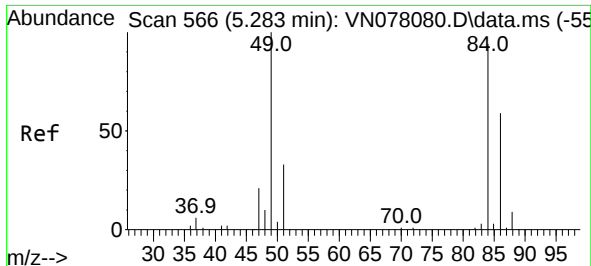
Tgt Ion:168 Resp: 481678
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#16
Acetone
Concen: 19.088 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

Tgt Ion: 43 Resp: 35285
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#

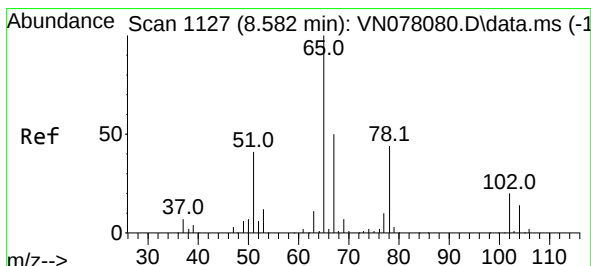
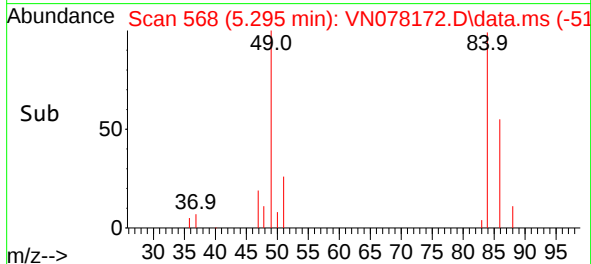
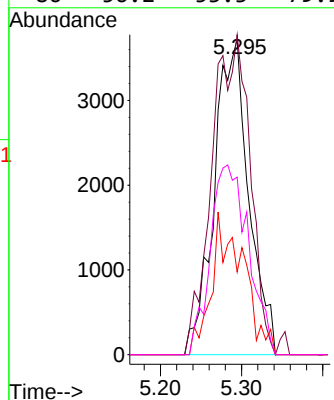
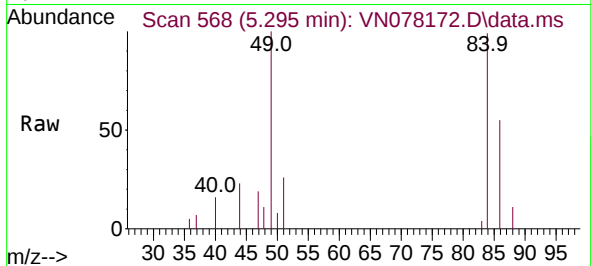




#20
Methylene Chloride
Concen: 1.801 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

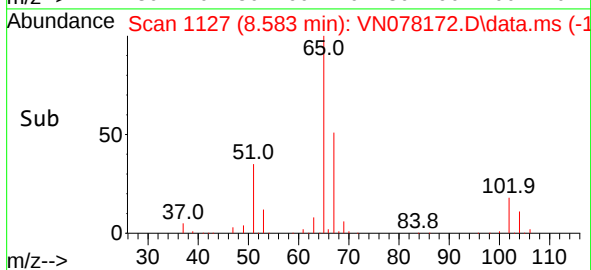
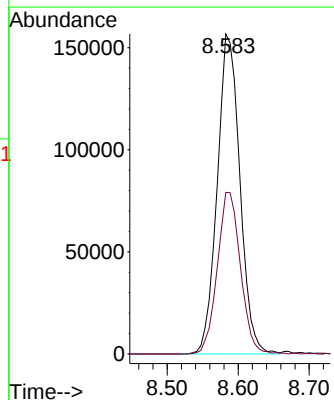
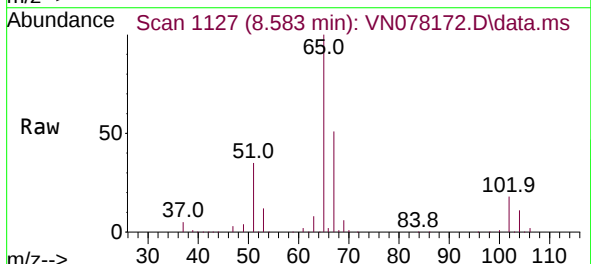
Instrument :
MSVOA_N
ClientSampleId :
TP-6-GA

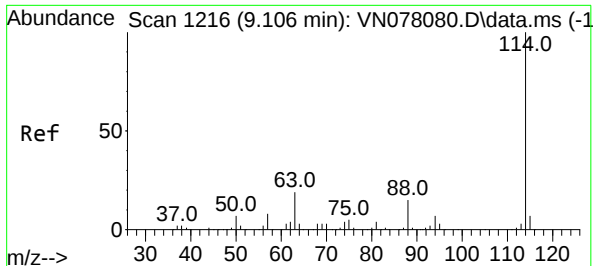
Tgt Ion: 84	Resp: 11004
Ion Ratio	Lower Upper
84 100	
49 101.4	79.7 119.5
51 26.2	25.2 37.8
86 56.2	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 53.964 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

Tgt Ion: 65	Resp: 346569
Ion Ratio	Lower Upper
65 100	
67 51.6	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: VN078172.D

Acq: 12 Jun 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

TP-6-GA

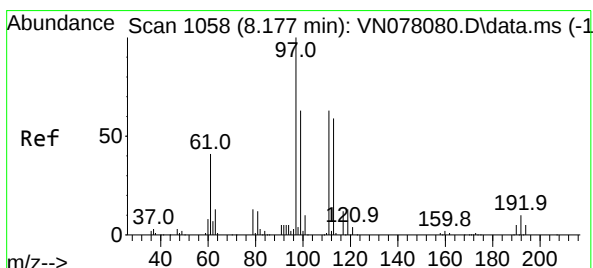
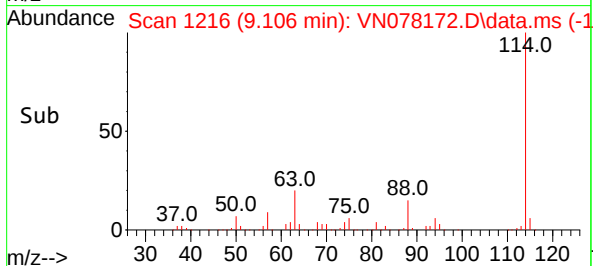
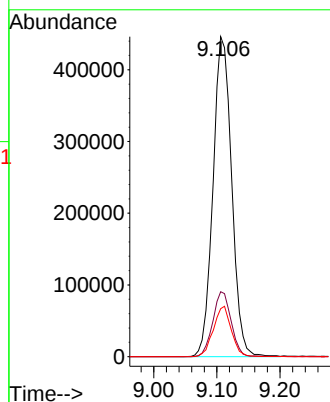
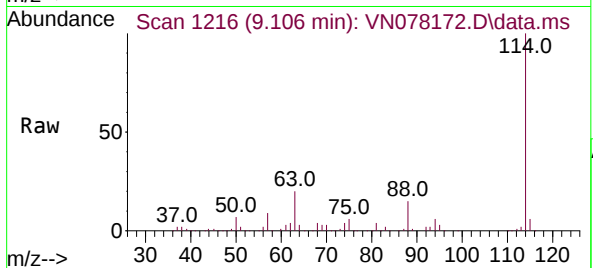
Tgt Ion:114 Resp: 916101

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.759 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078172.D

Acq: 12 Jun 2023 17:30

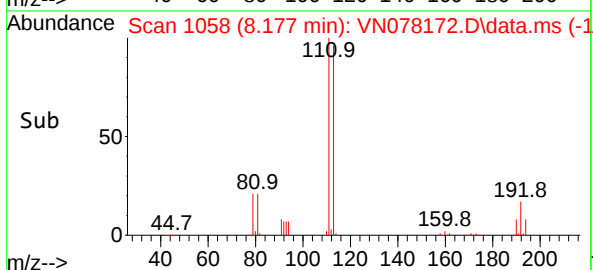
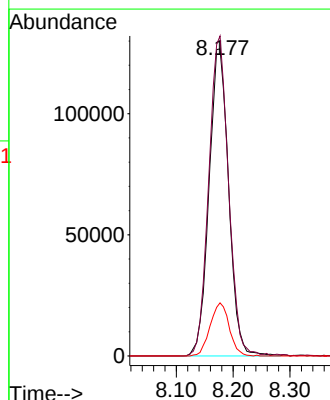
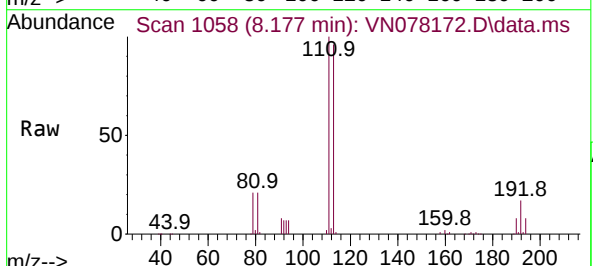
Tgt Ion:113 Resp: 305603

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 16.7 12.7 19.1

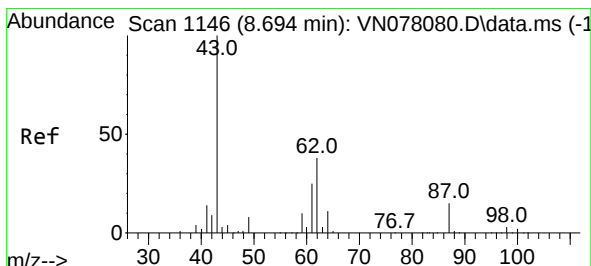
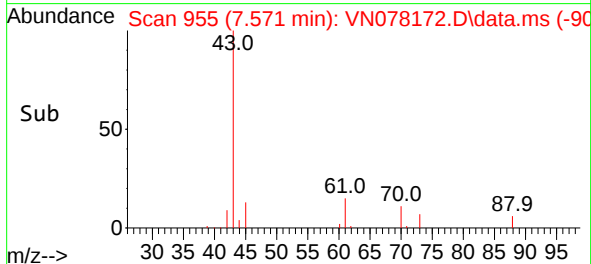
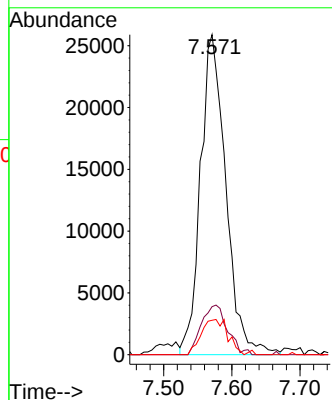
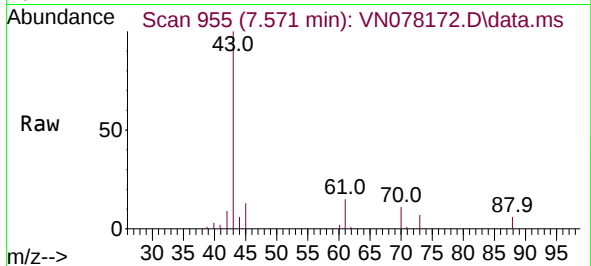




#37
Ethyl Acetate
Concen: 10.324 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

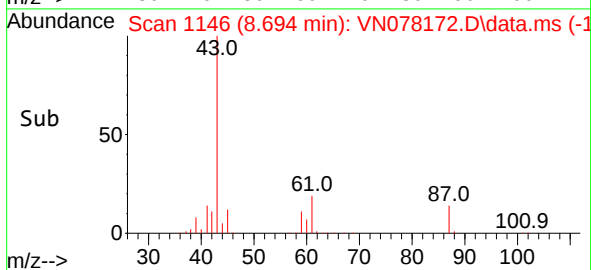
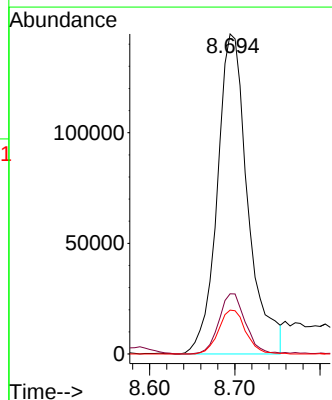
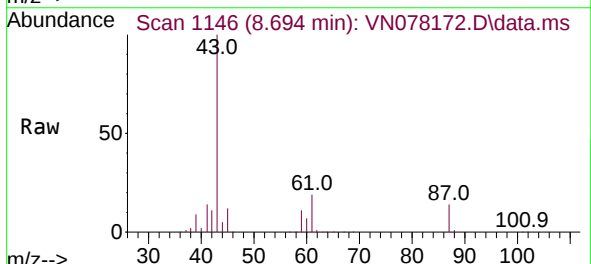
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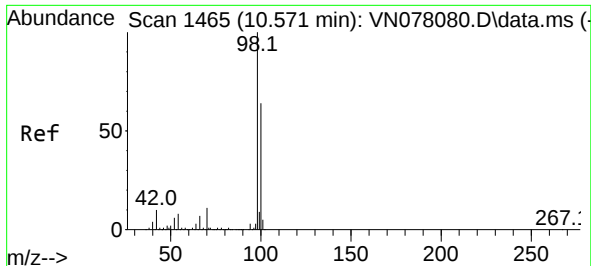
Tgt Ion:	43	Resp:	67006
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.2	19.8
70	11.6	11.3	16.9



#43
Isopropyl Acetate
Concen: 29.042 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

Tgt Ion:	43	Resp:	360495
Ion	Ratio	Lower	Upper
43	100		
61	16.4	24.7	37.1#
87	12.1	14.6	21.8#

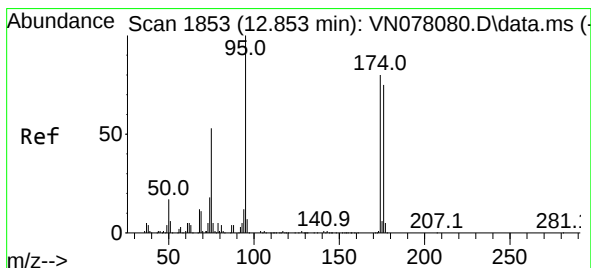
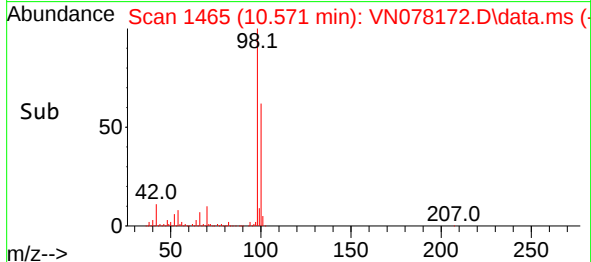
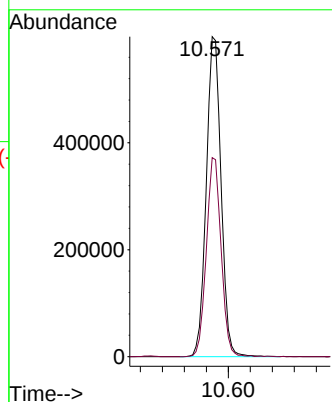
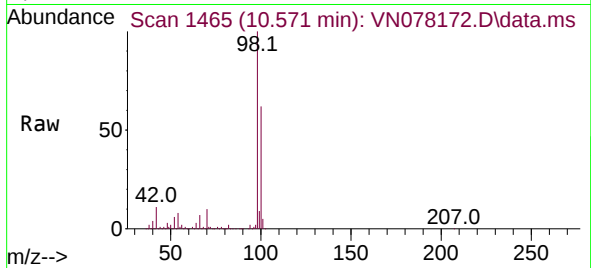




#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

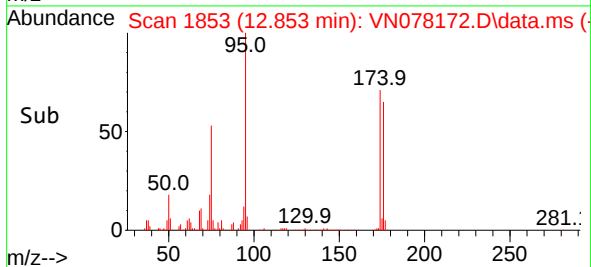
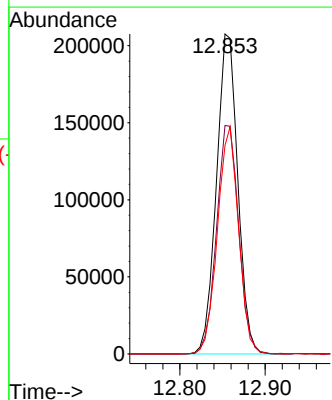
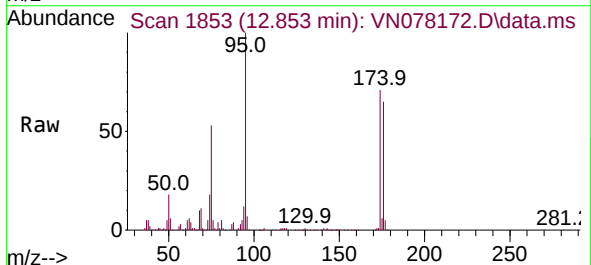
Instrument :
MSVOA_N
ClientSampleId :
TP-6-GA

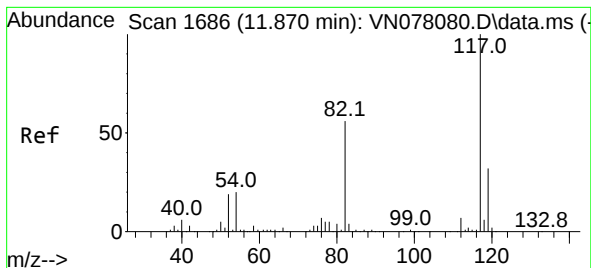
Tgt Ion: 98 Resp: 1114918
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.005 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078172.D
Acq: 12 Jun 2023 17:30

Tgt Ion: 95 Resp: 361014
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078172.D

Acq: 12 Jun 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

TP-6-GA

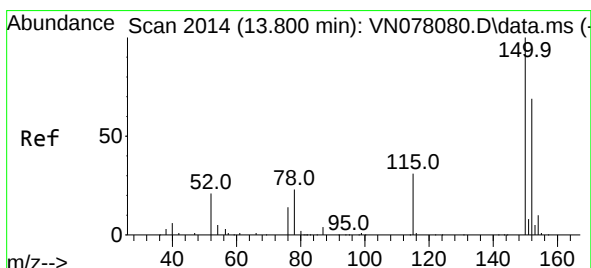
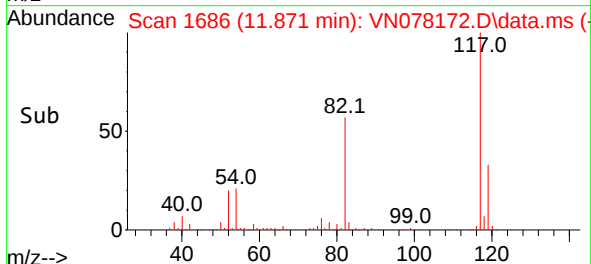
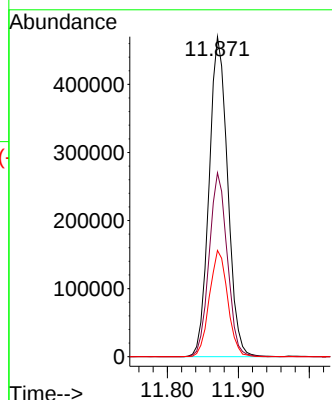
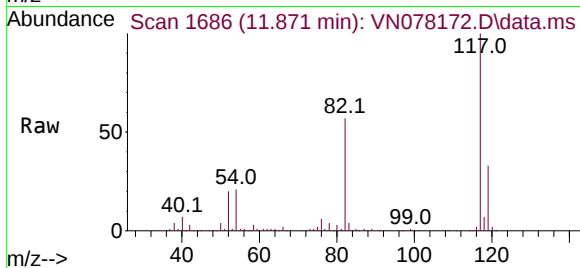
Tgt Ion:117 Resp: 851676

Ion Ratio Lower Upper

117 100

82 57.4 44.0 66.0

119 33.2 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: VN078172.D

Acq: 12 Jun 2023 17:30

Tgt Ion:152 Resp: 284222

Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 156.2 0.0 355.8

