

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078072.D
 Acq On : 06 Jun 2023 16:00
 Operator : JC\MD
 Sample : 03029-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Jun 07 01:22:40 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)

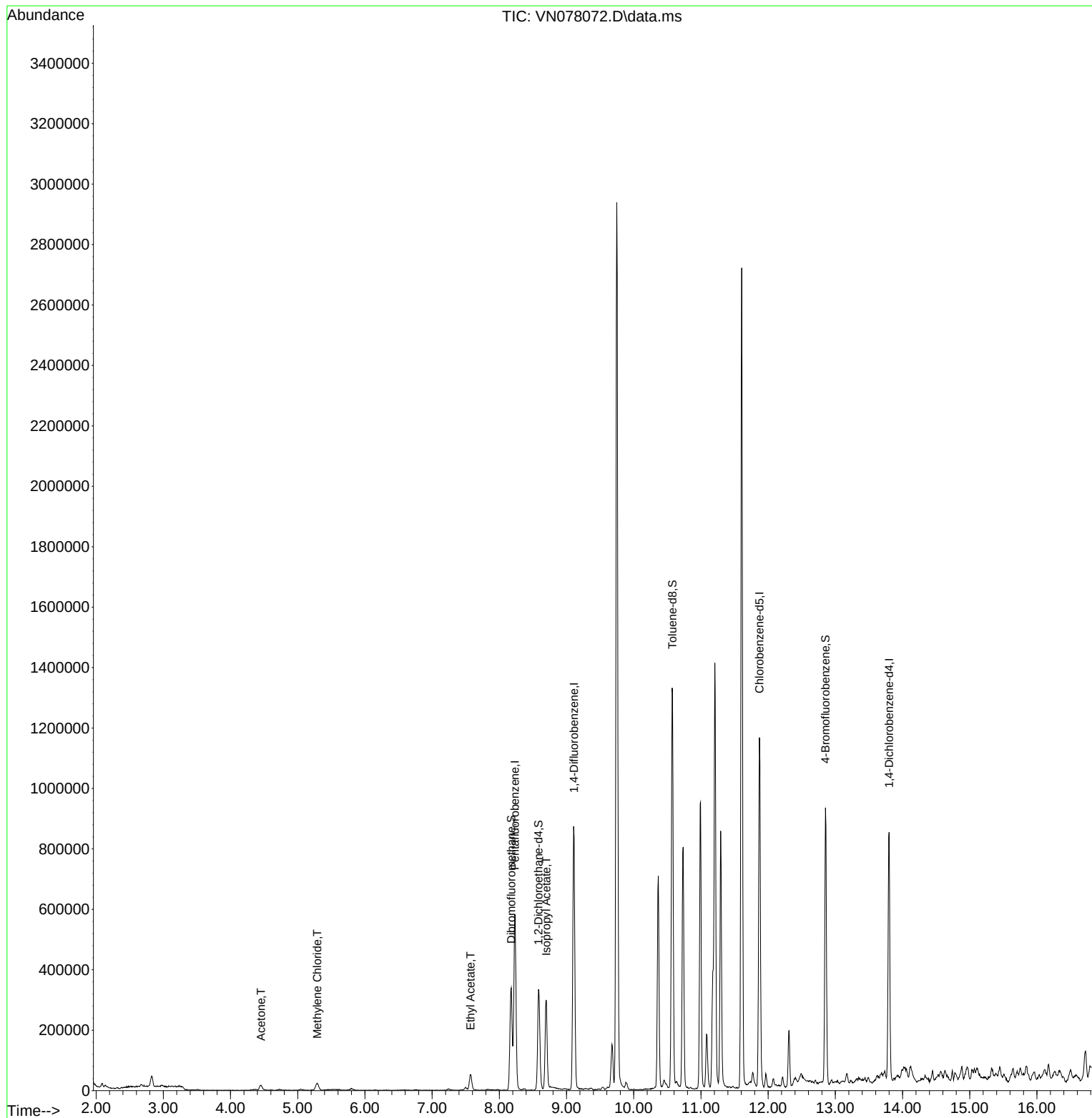
Internal Standards						
1) Pentafluorobenzene	8.230	168	427228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	794241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	711071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	230592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	276593	43.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	8.177	113	247438	47.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	10.577	98	973060	48.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.853	95	330343	46.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	29864	14.849	ug/l	93
20) Methylene Chloride	5.289	84	19096	1.741	ug/l	90
37) Ethyl Acetate	7.571	43	78665	11.651	ug/l	98
43) Isopropyl Acetate	8.700	43	335169	30.391	ug/l #	87

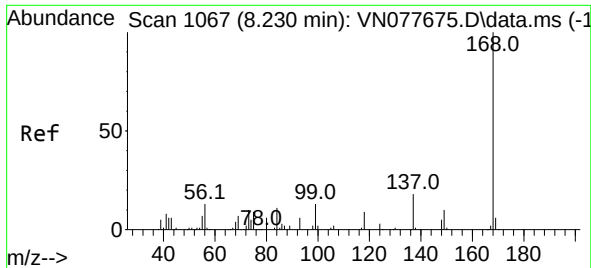
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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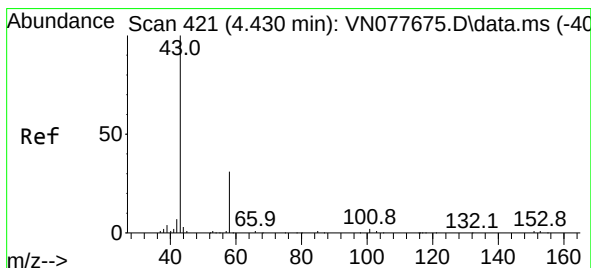
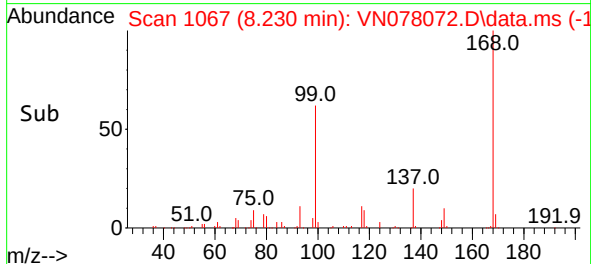
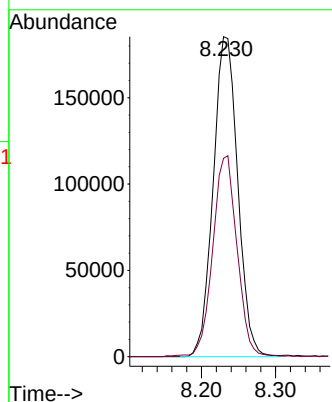
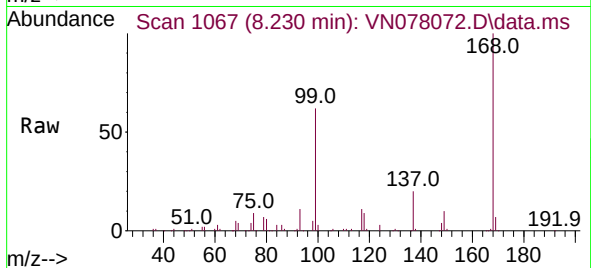




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

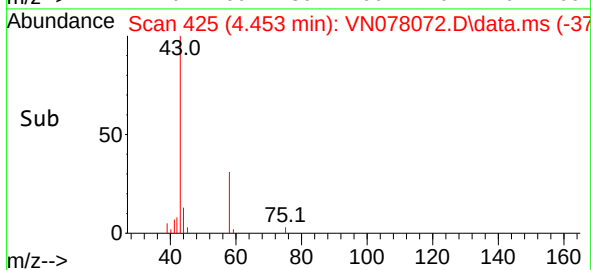
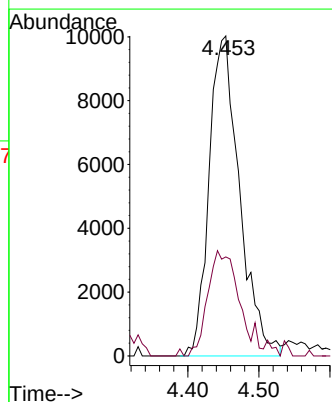
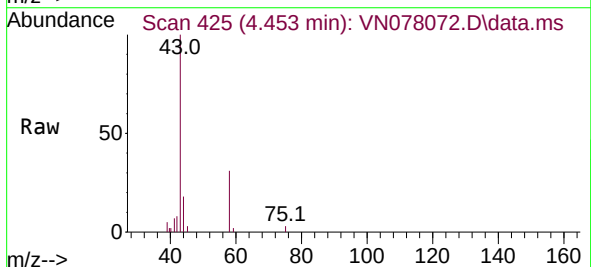
Instrument :
MSVOA_N
ClientSampleId :
TP-9

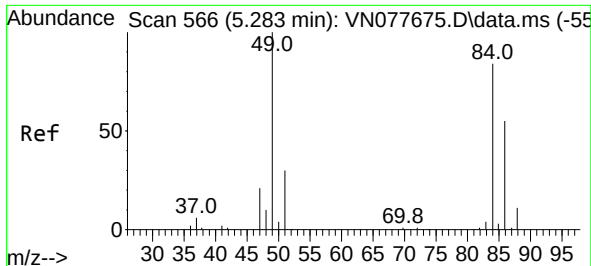
Tgt Ion:168 Resp: 427228
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 14.849 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

Tgt Ion: 43 Resp: 29864
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

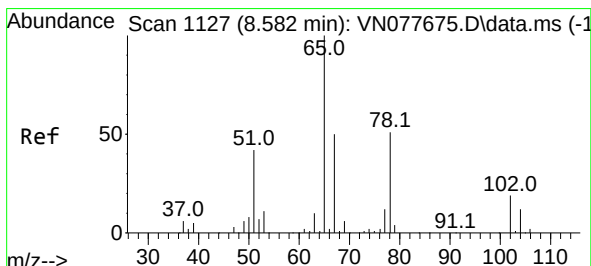
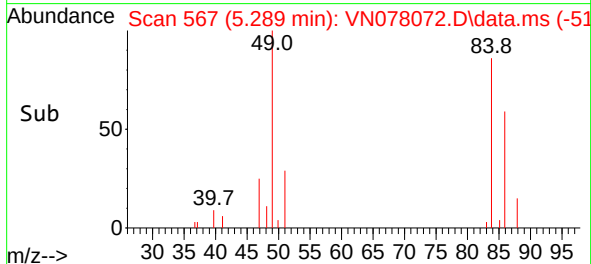
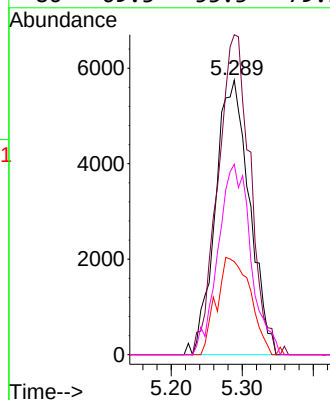
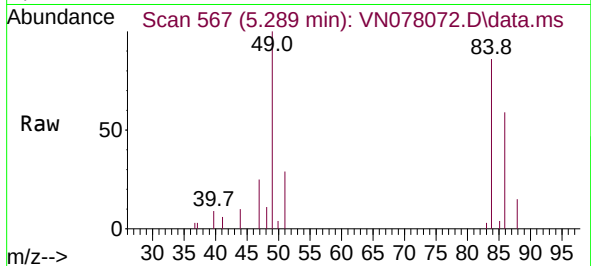




#20
Methylene Chloride
Concen: 1.741 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

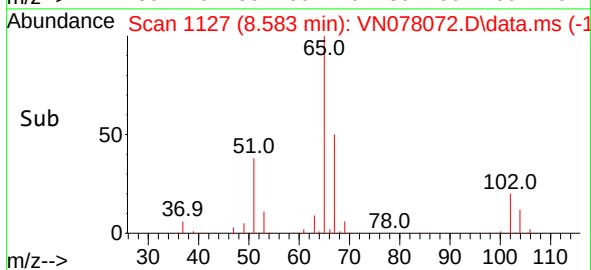
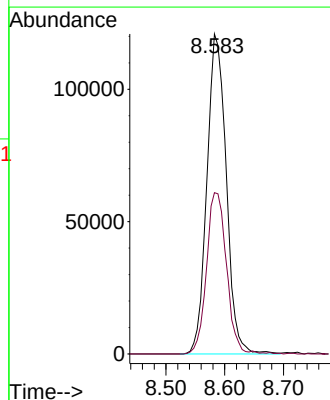
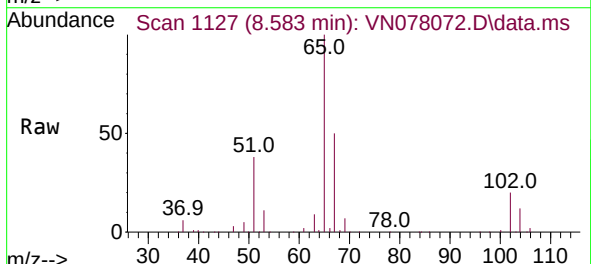
Instrument :
MSVOA_N
ClientSampleId :
TP-9

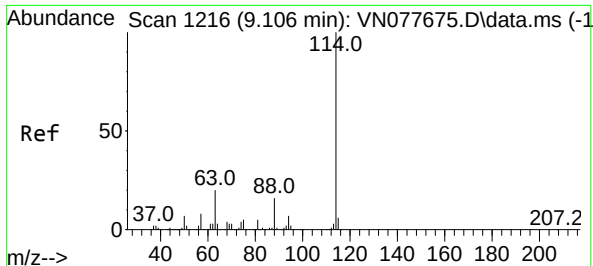
Tgt Ion:	84	Resp:	19096
Ion	Ratio	Lower	Upper
84	100		
49	116.5	79.7	119.5
51	33.8	25.2	37.8
86	69.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 43.269 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

Tgt Ion:	65	Resp:	276593
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN078072.D

Acq: 06 Jun 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

TP-9

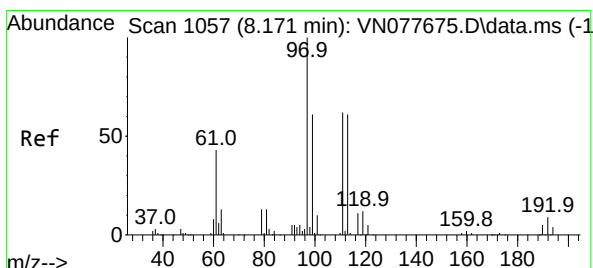
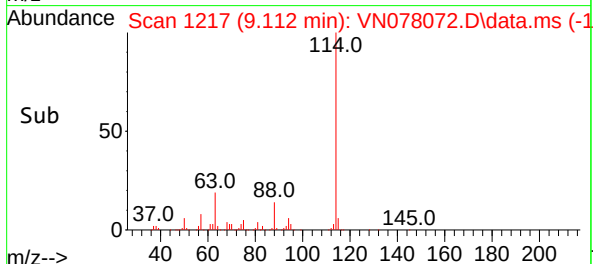
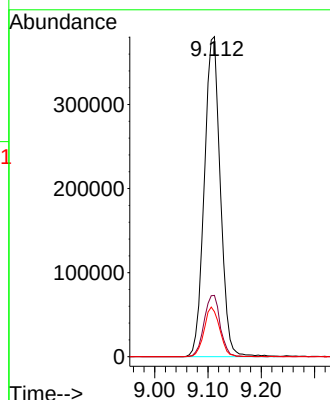
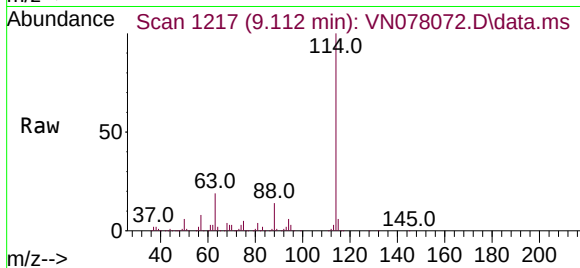
Tgt Ion:114 Resp: 794241

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.776 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078072.D

Acq: 06 Jun 2023 16:00

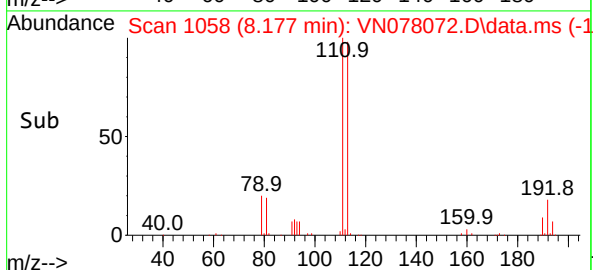
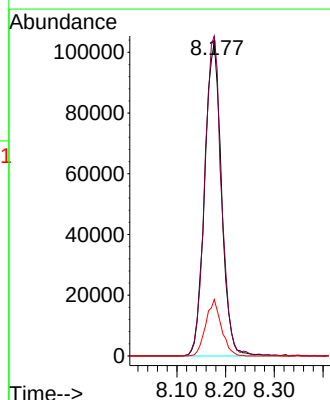
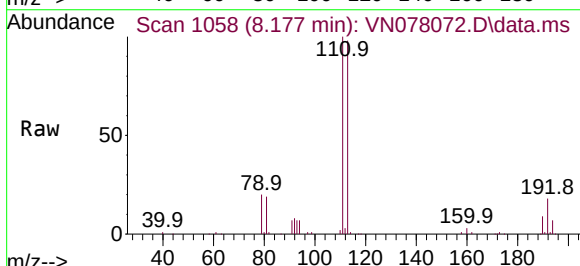
Tgt Ion:113 Resp: 247438

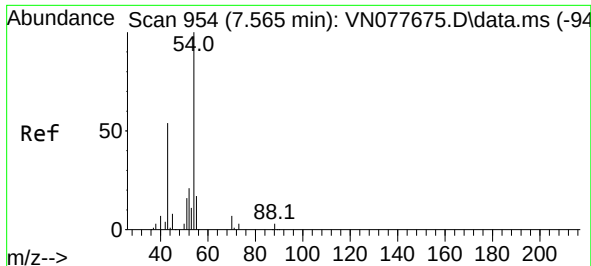
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 16.7 12.7 19.1

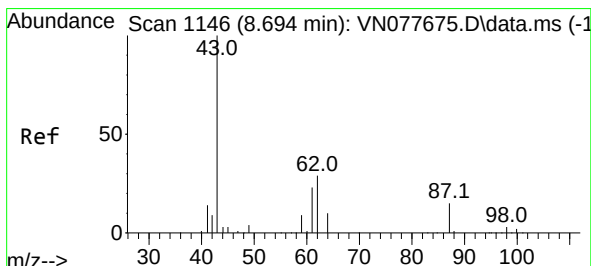
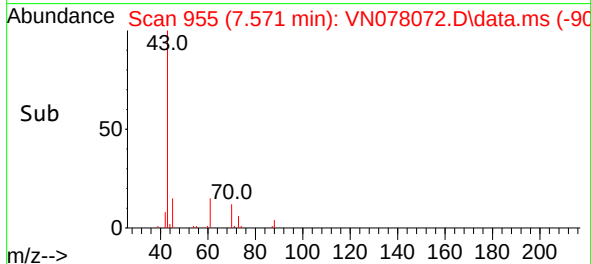
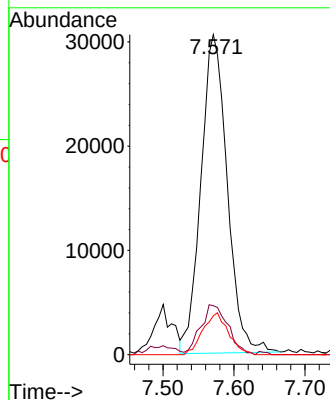
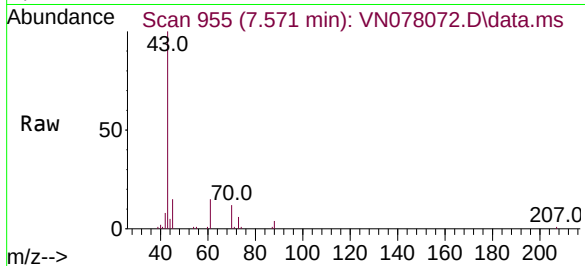




#37
Ethyl Acetate
Concen: 11.651 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

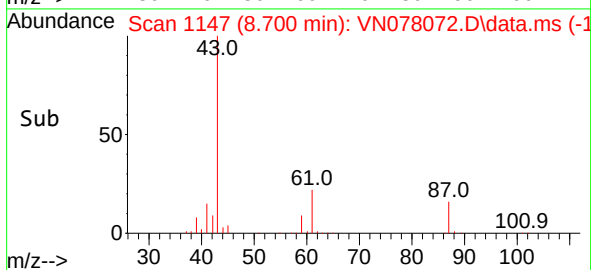
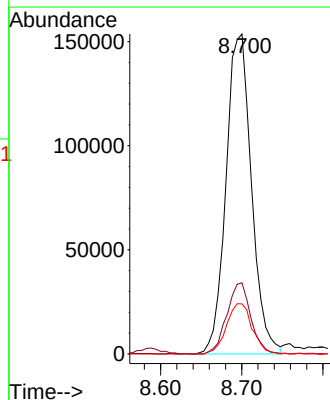
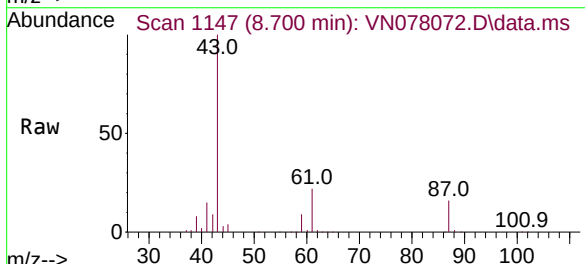
Instrument :
MSVOA_N
ClientSampleId :
TP-9

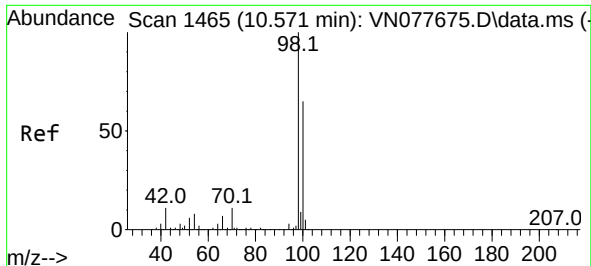
Tgt Ion: 43 Resp: 78665
Ion Ratio Lower Upper
43 100
61 16.2 13.2 19.8
70 12.8 11.3 16.9



#43
Isopropyl Acetate
Concen: 30.391 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

Tgt Ion: 43 Resp: 335169
Ion Ratio Lower Upper
43 100
61 21.0 24.7 37.1#
87 15.9 14.6 21.8

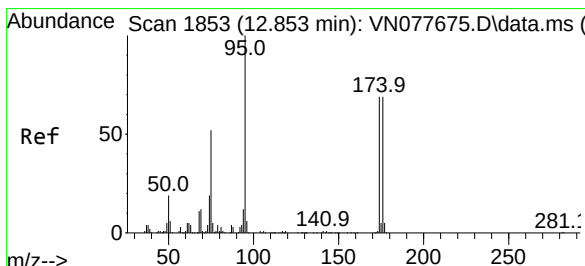
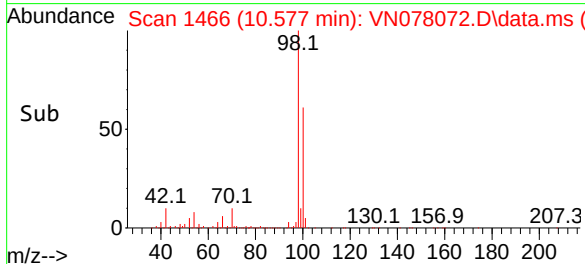
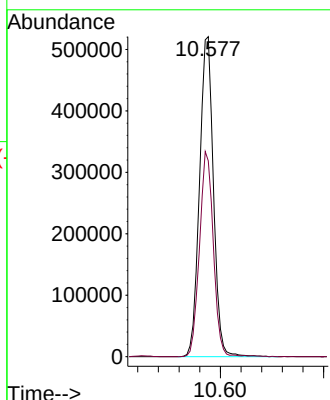
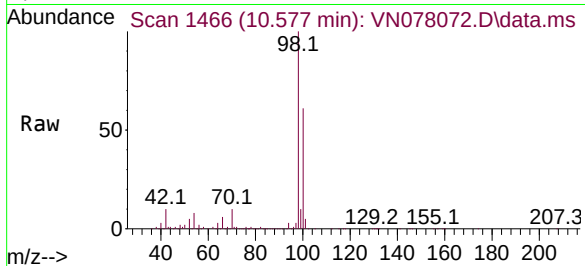




#50
Toluene-d8
Concen: 48.812 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

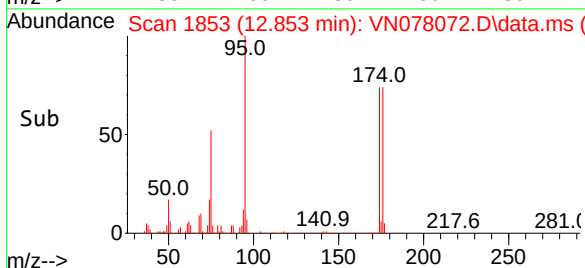
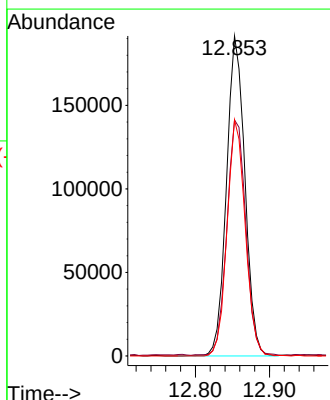
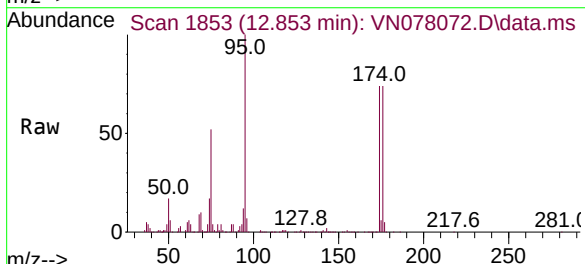
Instrument :
MSVOA_N
ClientSampleId :
TP-9

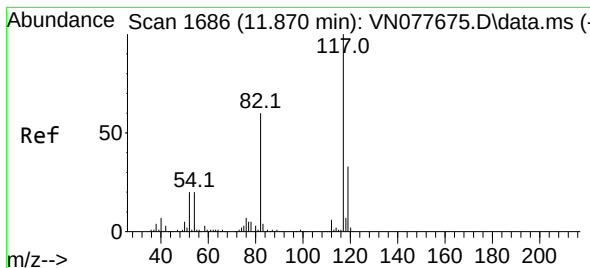
Tgt Ion: 98 Resp: 973060
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.920 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078072.D
Acq: 06 Jun 2023 16:00

Tgt Ion: 95 Resp: 330343
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.9 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: VN078072.D

Acq: 06 Jun 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

TP-9

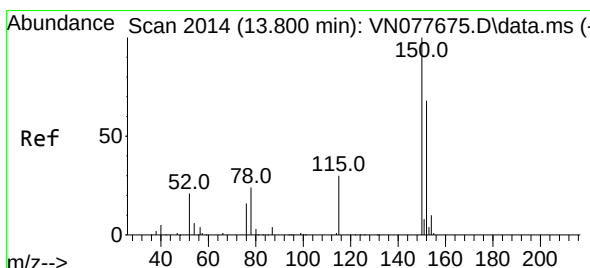
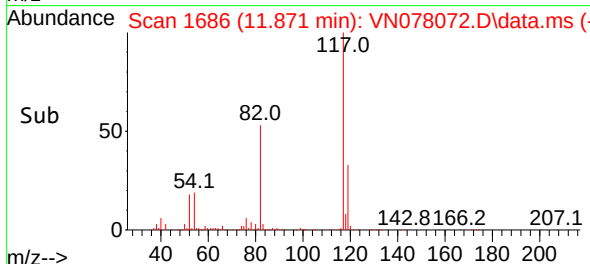
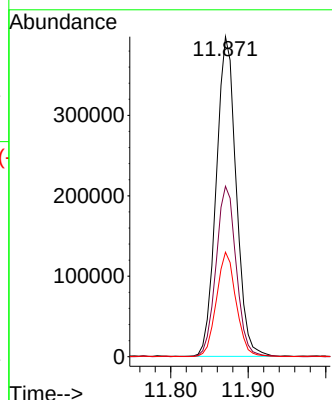
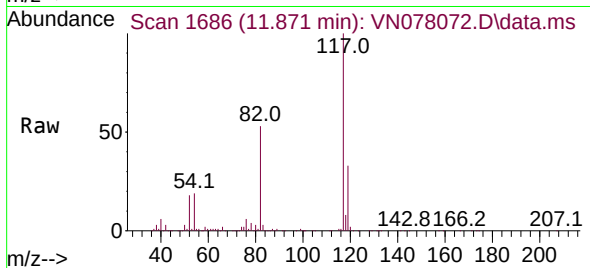
Tgt Ion:117 Resp: 711071

Ion Ratio Lower Upper

117 100

82 53.3 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: VN078072.D

Acq: 06 Jun 2023 16:00

Tgt Ion:152 Resp: 230592

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 157.7 0.0 355.8

