

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078168.D
 Acq On : 12 Jun 2023 15:54
 Operator : JC\MD
 Sample : 03117-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-26OA

Quant Time: Jun 13 01:34:01 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)

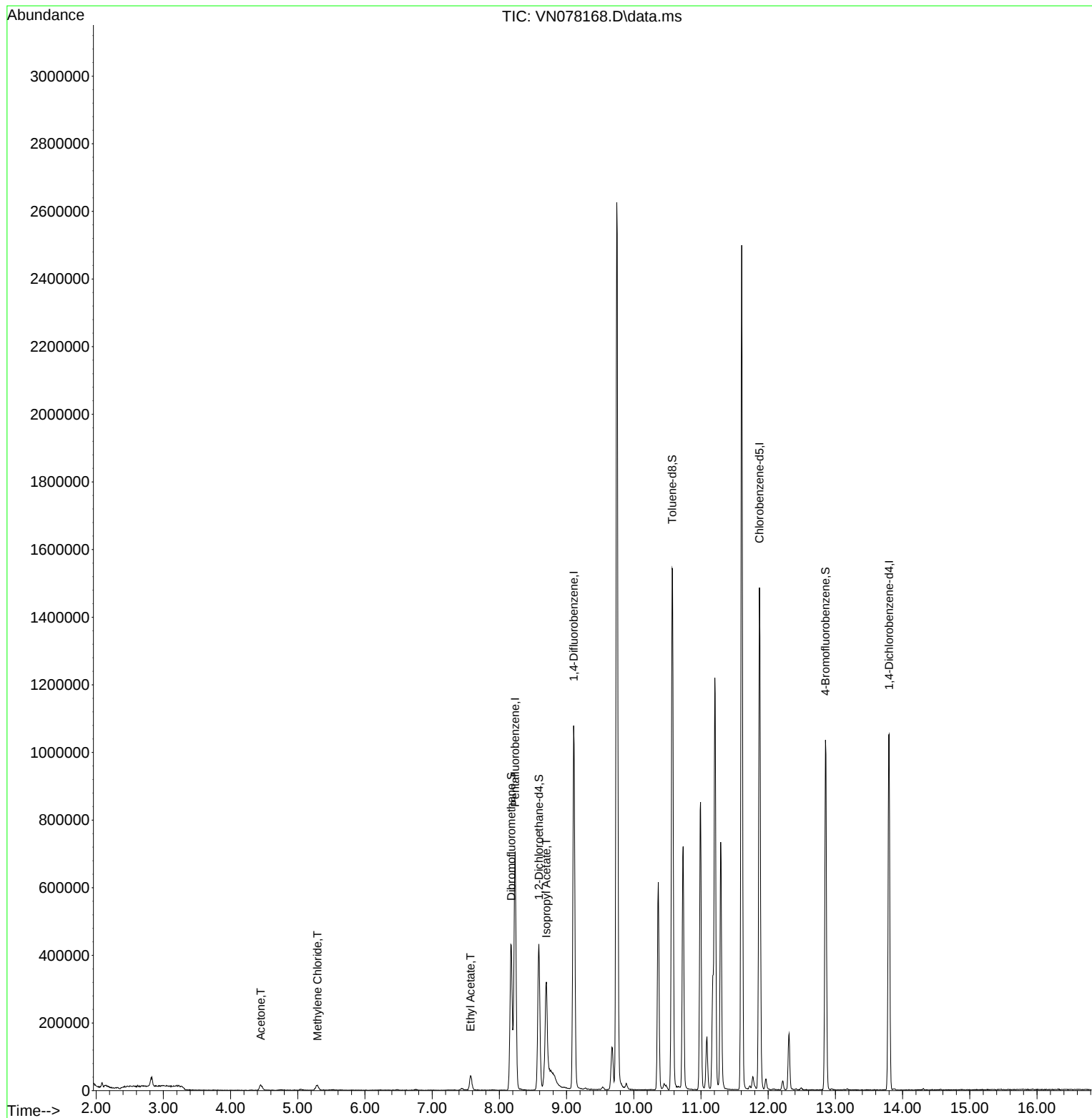
Internal Standards						
1) Pentafluorobenzene	8.236	168	498812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	951205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	870657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	293784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	349929	52.615	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.240%		
35) Dibromofluoromethane	8.177	113	310085	51.558	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.120%		
50) Toluene-d8	10.571	98	1132022	48.824	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.640%		
62) 4-Bromofluorobenzene	12.853	95	367611	51.001	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.000%		
Target Compounds						
16) Acetone	4.448	43	31398	16.402	ug/l	98
20) Methylene Chloride	5.295	84	11721	1.853	ug/l #	91
37) Ethyl Acetate	7.571	43	65769	9.759	ug/l	96
43) Isopropyl Acetate	8.700	43	510442	39.604	ug/l #	70

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

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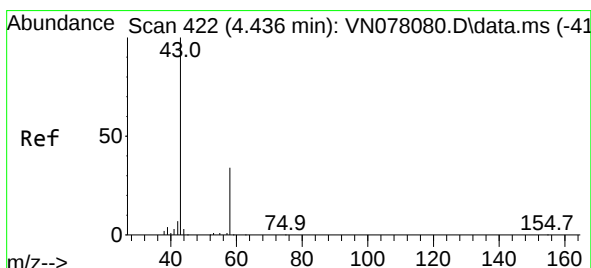
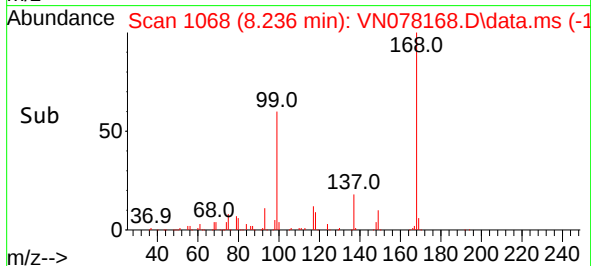
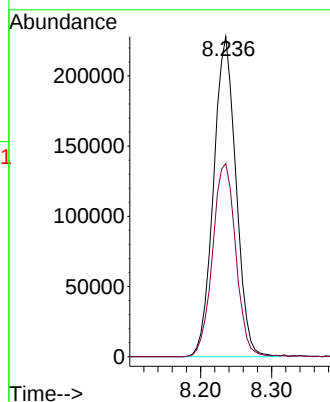
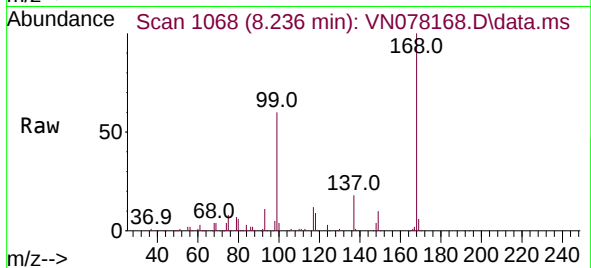




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

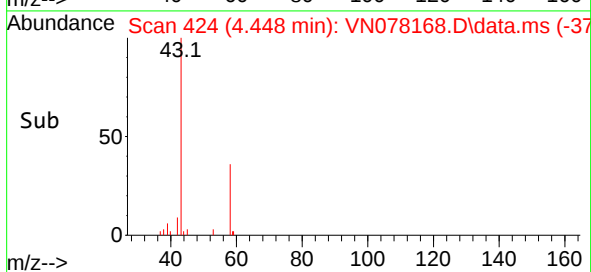
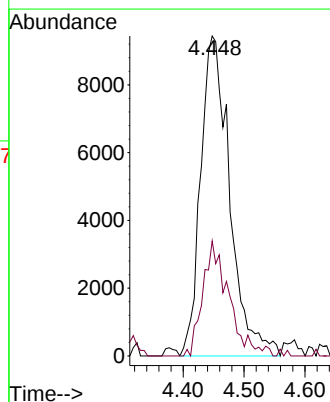
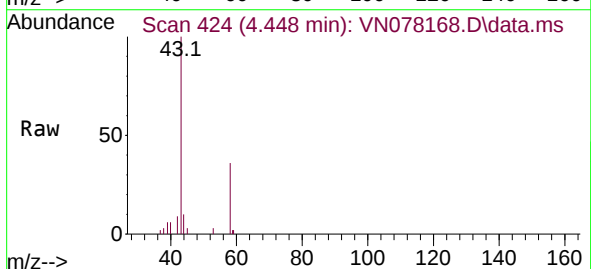
Instrument :
MSVOA_N
ClientSampleId :
TP-26OA

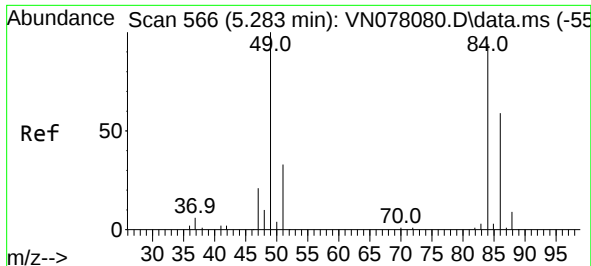
Tgt Ion:168 Resp: 498812
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#16
Acetone
Concen: 16.402 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

Tgt Ion: 43 Resp: 31398
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





#20

Methylene Chloride

Concen: 1.853 ug/l

RT: 5.295 min Scan# 5

Delta R.T. 0.012 min

Lab File: VN078168.D

Acq: 12 Jun 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

TP-26OA

Tgt Ion: 84 Resp: 11721

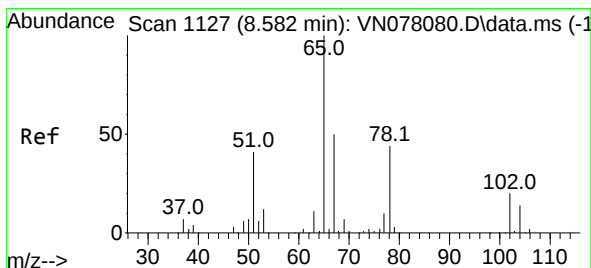
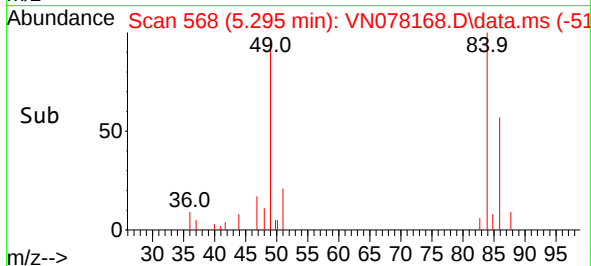
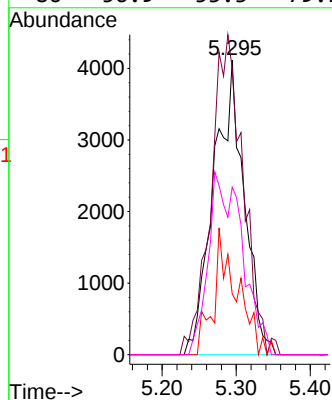
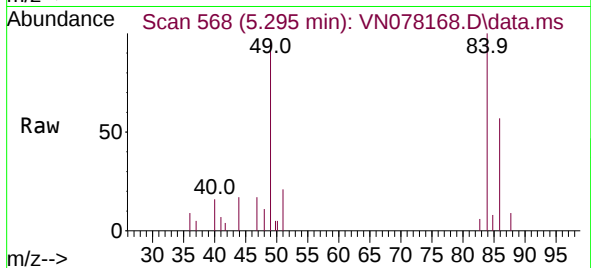
Ion Ratio Lower Upper

84 100

49 97.0 79.7 119.5

51 20.6 25.2 37.8#

86 56.9 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 52.615 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078168.D

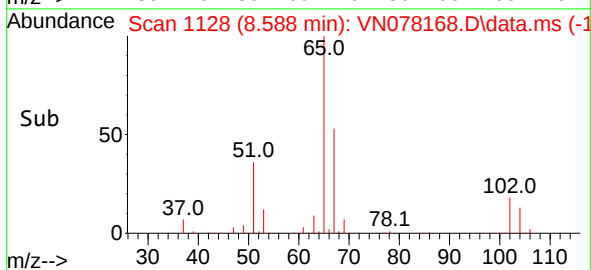
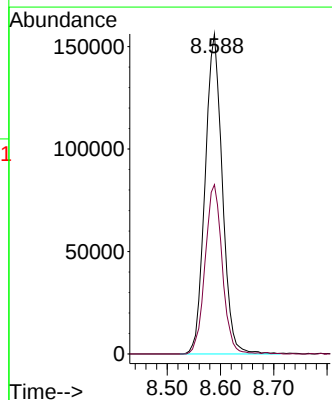
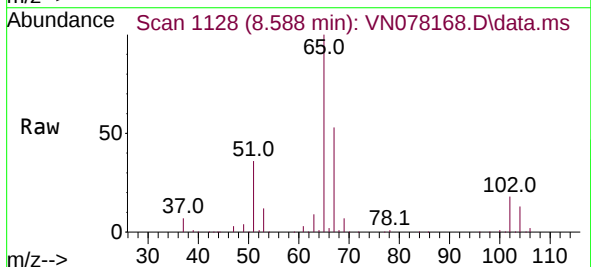
Acq: 12 Jun 2023 15:54

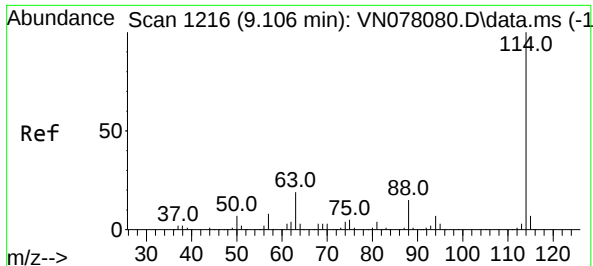
Tgt Ion: 65 Resp: 349929

Ion Ratio Lower Upper

65 100

67 52.7 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: VN078168.D

Acq: 12 Jun 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

TP-26OA

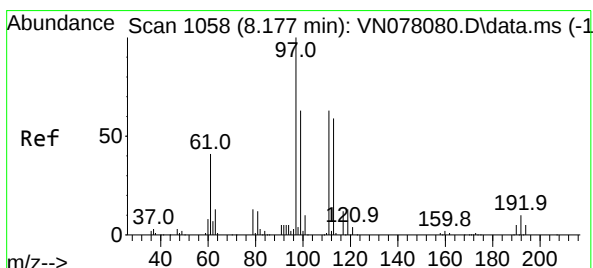
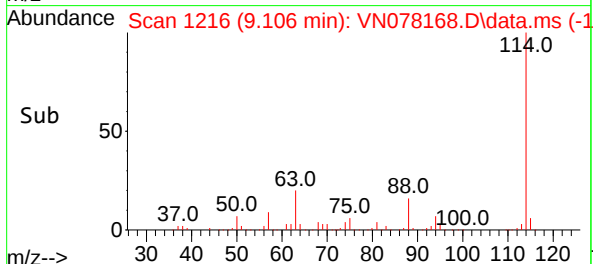
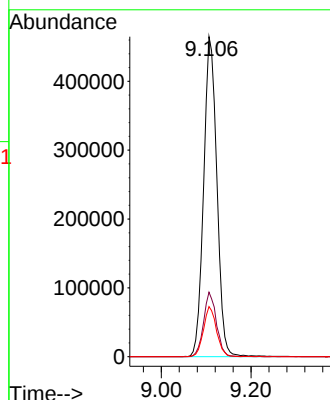
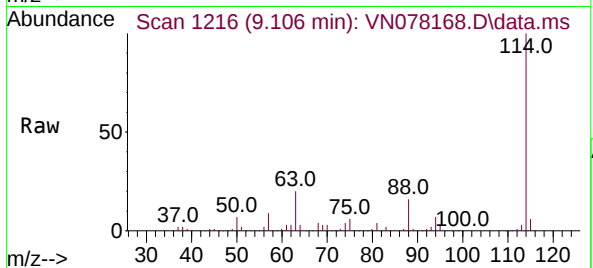
Tgt Ion:114 Resp: 951205

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.558 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078168.D

Acq: 12 Jun 2023 15:54

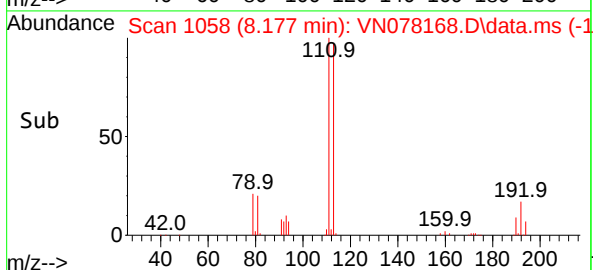
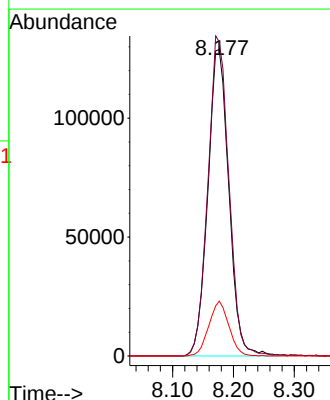
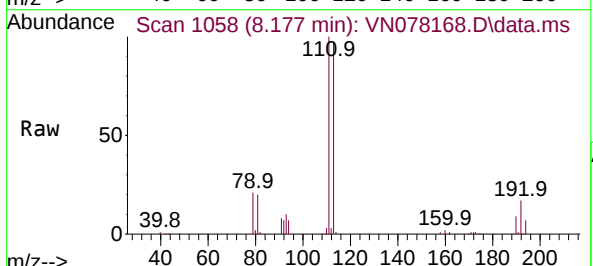
Tgt Ion:113 Resp: 310085

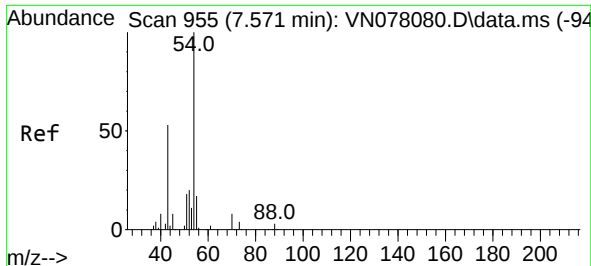
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.0 12.7 19.1

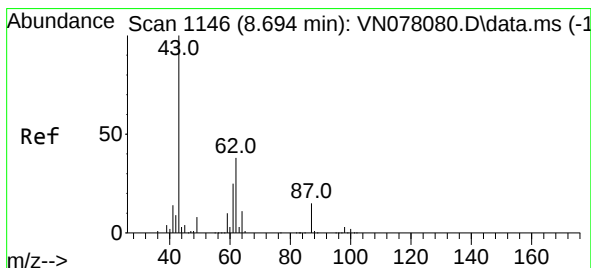
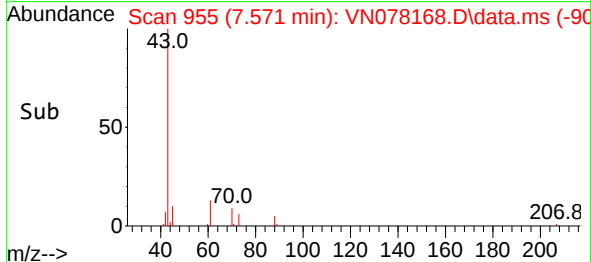
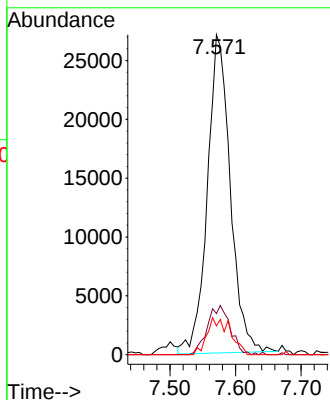
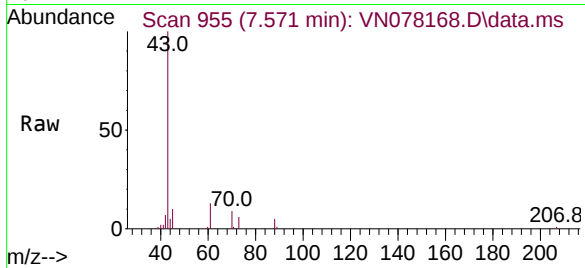




#37
Ethyl Acetate
Concen: 9.759 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

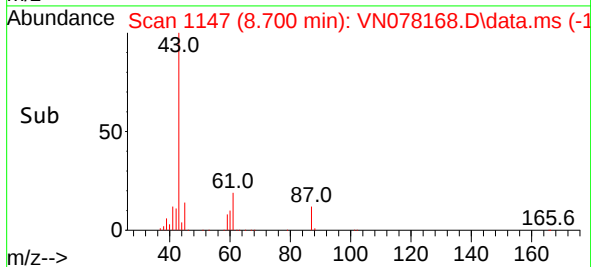
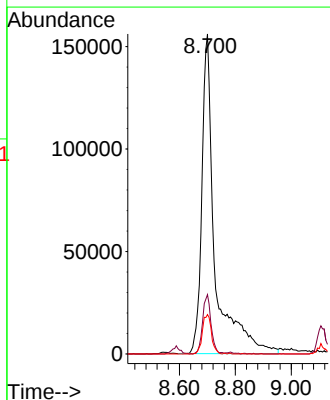
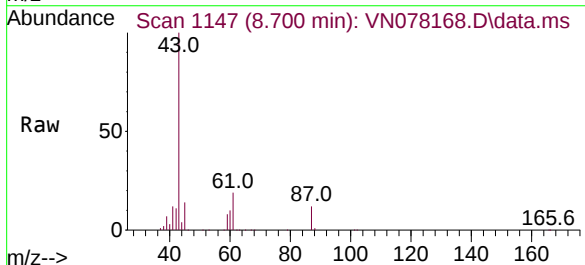
Instrument :
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ClientSampleId :
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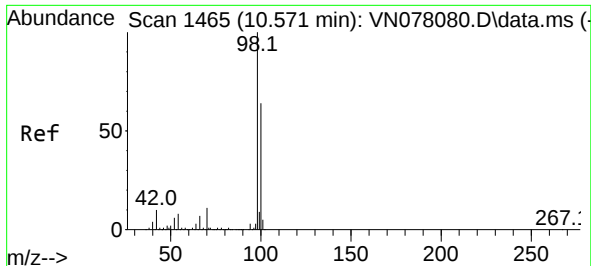
Tgt Ion: 43 Resp: 65769
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 11.7 11.3 16.9



#43
Isopropyl Acetate
Concen: 39.604 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

Tgt Ion: 43 Resp: 510442
Ion Ratio Lower Upper
43 100
61 11.9 24.7 37.1#
87 8.5 14.6 21.8#

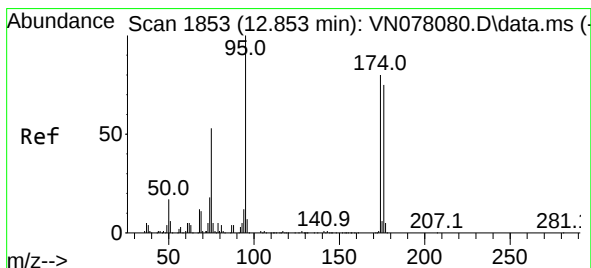
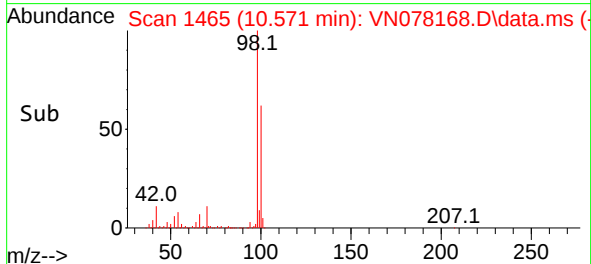
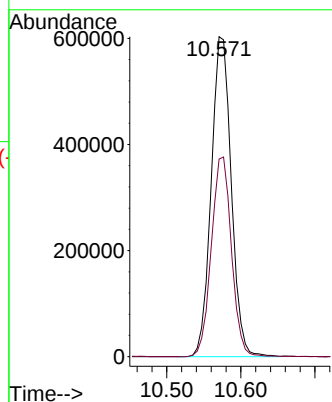
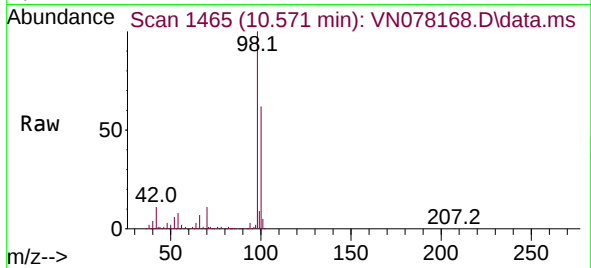




#50
Toluene-d8
Concen: 48.824 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

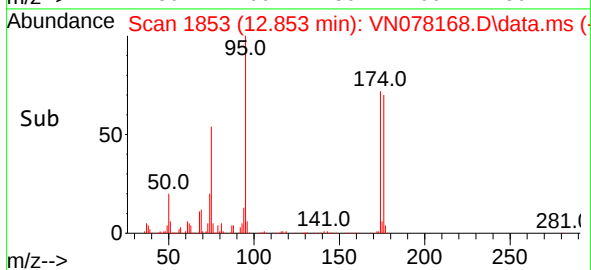
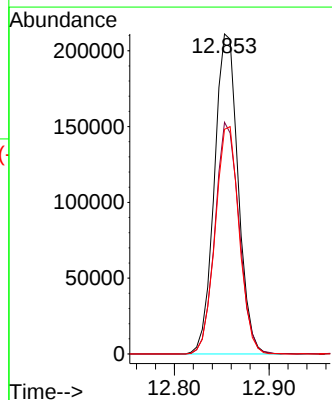
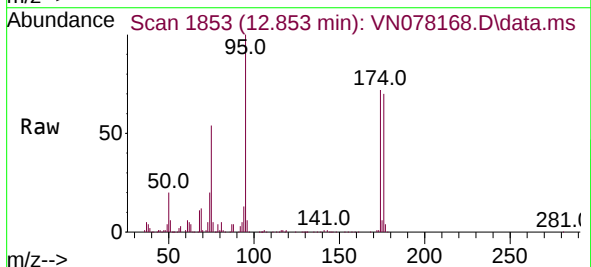
Instrument :
MSVOA_N
ClientSampleId :
TP-26OA

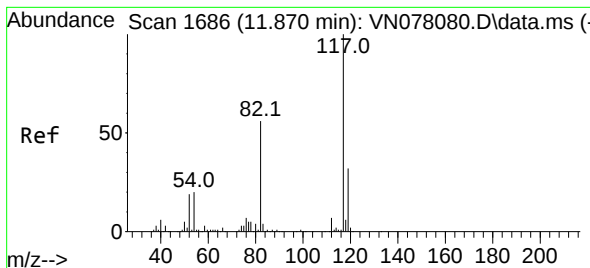
Tgt Ion: 98 Resp: 1132022
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078168.D
Acq: 12 Jun 2023 15:54

Tgt Ion: 95 Resp: 367611
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 71.9 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: VN078168.D

Acq: 12 Jun 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

TP-26OA

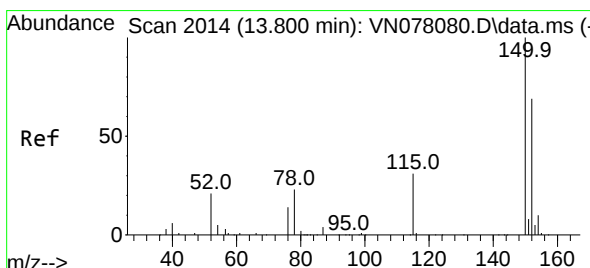
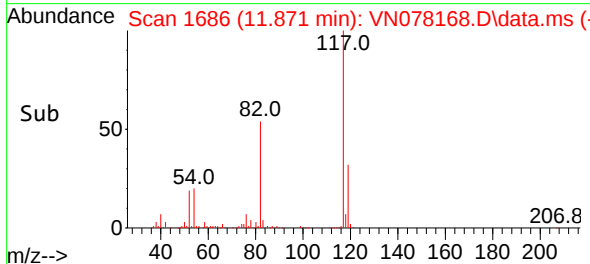
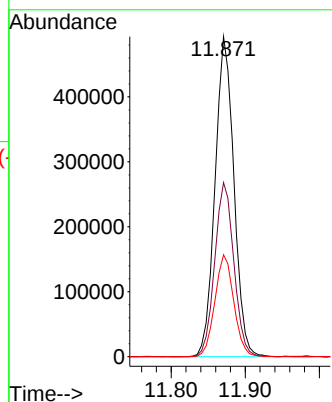
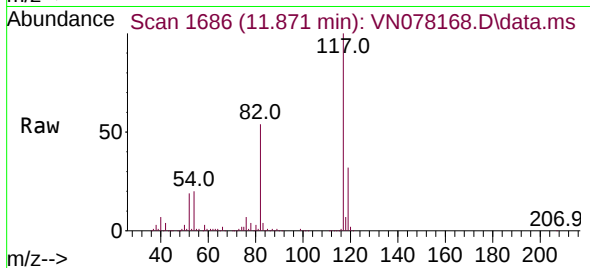
Tgt Ion:117 Resp: 870657

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.9 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: VN078168.D

Acq: 12 Jun 2023 15:54

Tgt Ion:152 Resp: 293784

Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 157.0 0.0 355.8

