

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078125.D
 Acq On : 08 Jun 2023 13:24
 Operator : JC\MD
 Sample : 03092-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jun 09 01:25:56 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)

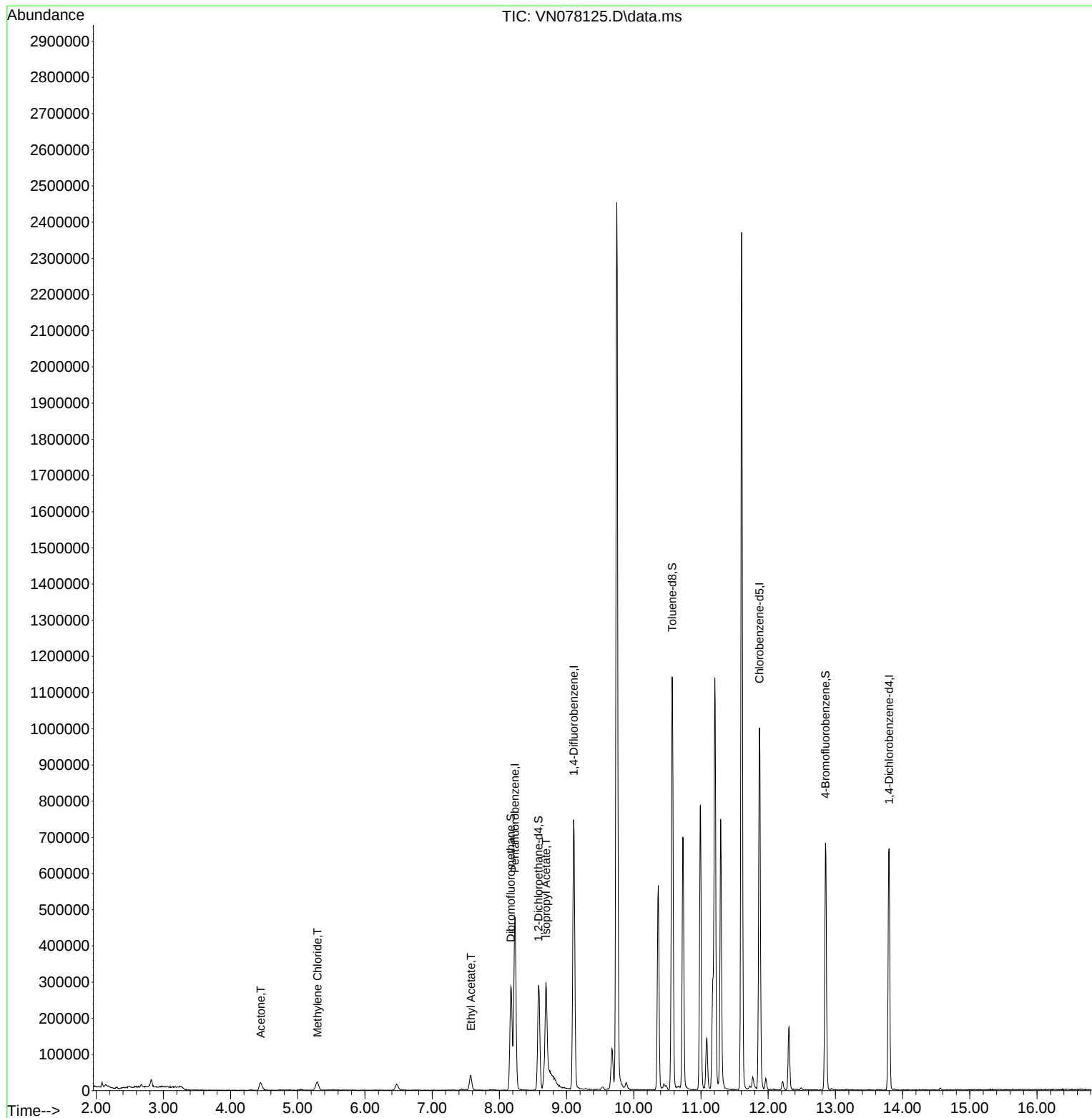
Internal Standards						
1) Pentafluorobenzene	8.230	168	352478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	616994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	180123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245043	52.141	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.280%		
35) Dibromofluoromethane	8.171	113	213628	50.831	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.660%		
50) Toluene-d8	10.571	98	833556	51.449	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.900%		
62) 4-Bromofluorobenzene	12.853	95	244671	48.577	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.160%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	41471	30.657	ug/l #	87
20) Methylene Chloride	5.294	84	18436	4.124	ug/l	92
37) Ethyl Acetate	7.577	43	60375	12.820	ug/l	98
43) Isopropyl Acetate	8.694	43	411969	45.743	ug/l #	74

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

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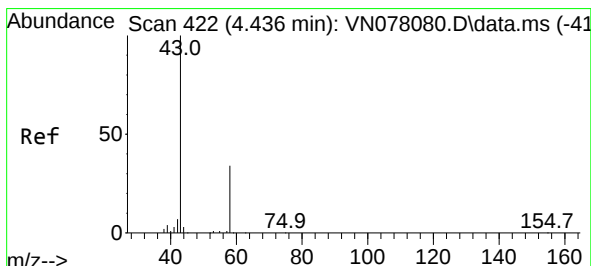
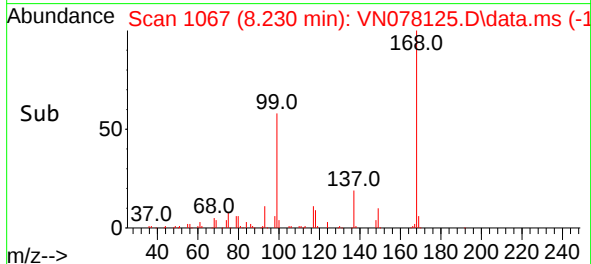
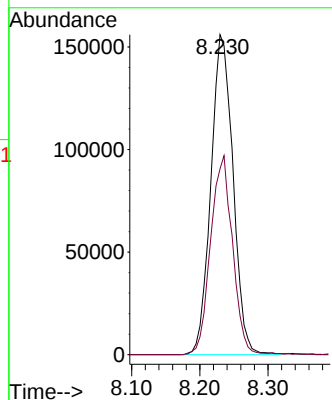
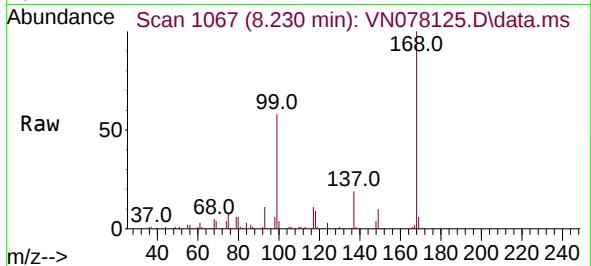




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

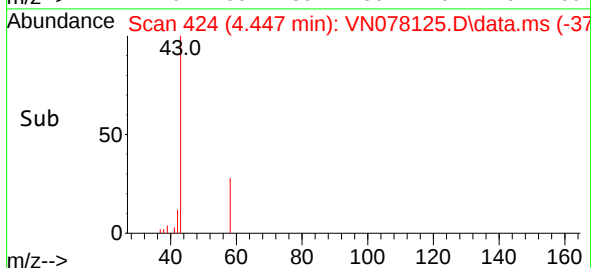
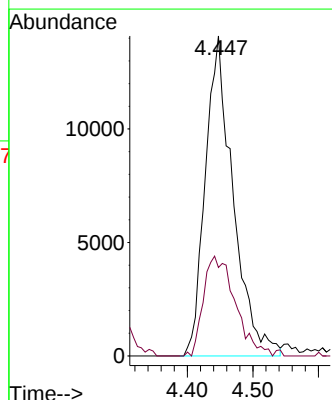
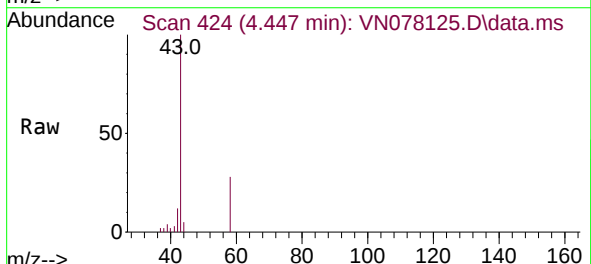
Instrument :
MSVOA_N
ClientSampleId :
TP-2

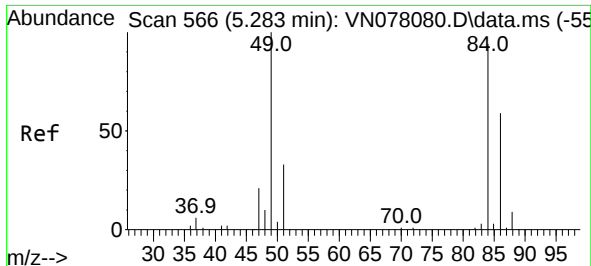
Tgt Ion:168 Resp: 352478
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#16
Acetone
Concen: 30.657 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

Tgt Ion: 43 Resp: 41471
Ion Ratio Lower Upper
43 100
58 27.7 28.0 42.0#

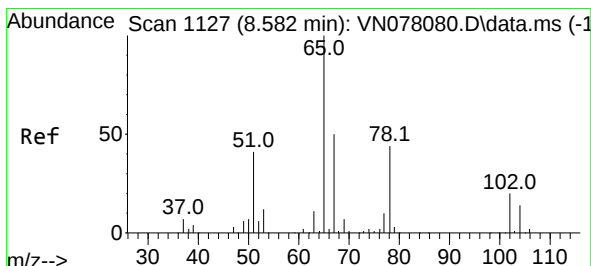
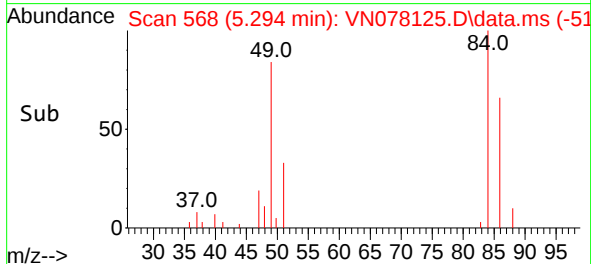
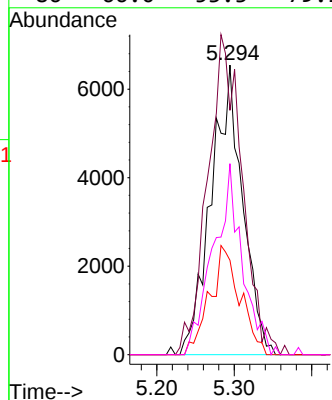
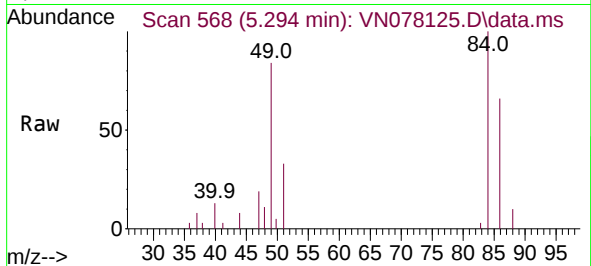




#20
Methylene Chloride
Concen: 4.124 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

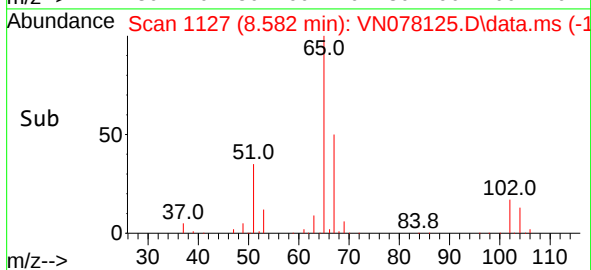
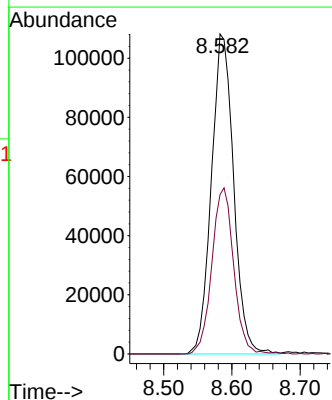
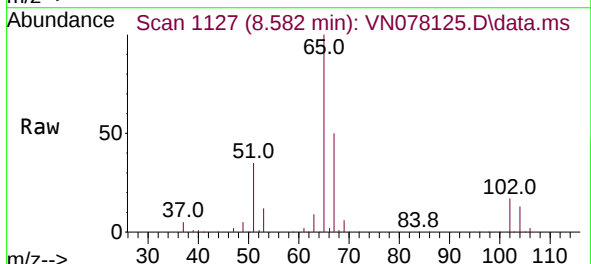
Instrument :
MSVOA_N
ClientSampleId :
TP-2

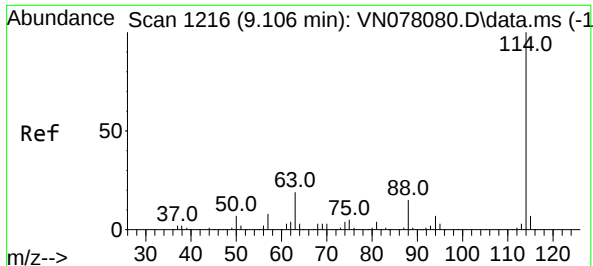
Tgt Ion: 84	Resp: 18436
Ion Ratio	Lower Upper
84	100
49	84.4 79.7 119.5
51	32.6 25.2 37.8
86	66.0 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 52.141 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

Tgt Ion: 65	Resp: 245043
Ion Ratio	Lower Upper
65	100
67	51.1 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: VN078125.D

Acq: 08 Jun 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

TP-2

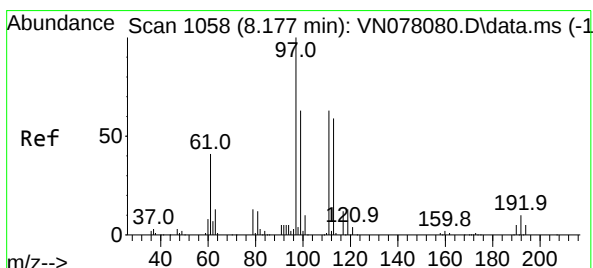
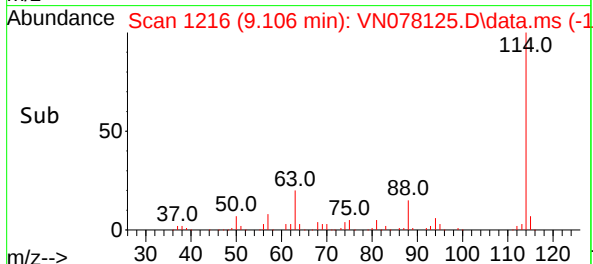
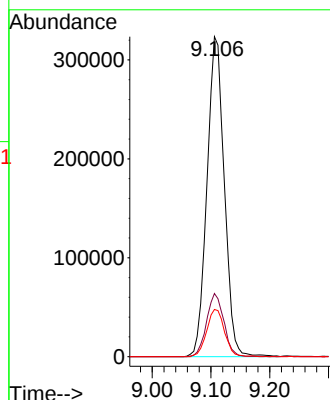
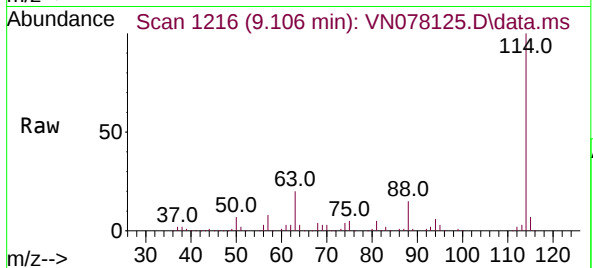
Tgt Ion:114 Resp: 664679

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.831 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078125.D

Acq: 08 Jun 2023 13:24

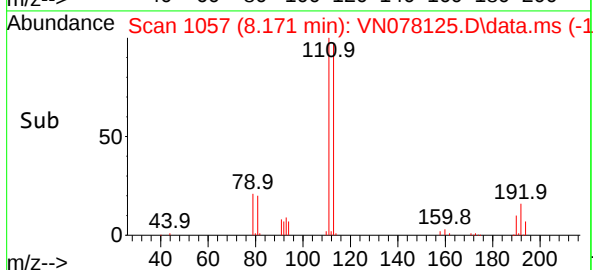
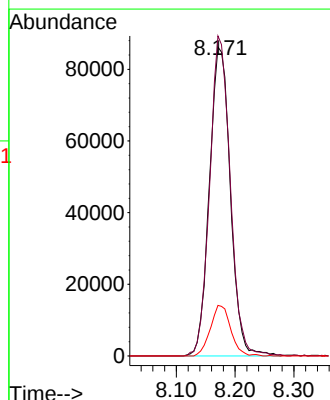
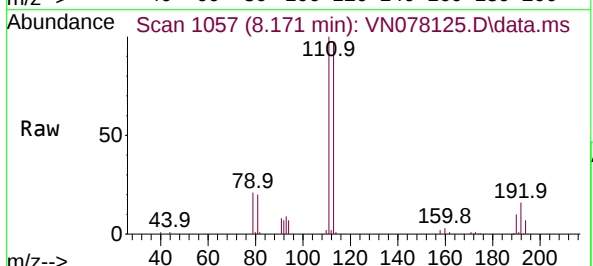
Tgt Ion:113 Resp: 213628

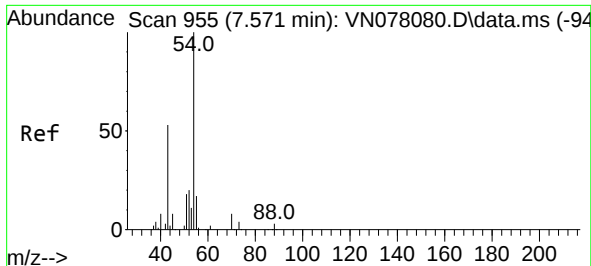
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 15.9 12.7 19.1





#37

Ethyl Acetate

Concen: 12.820 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078125.D

Acq: 08 Jun 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

TP-2

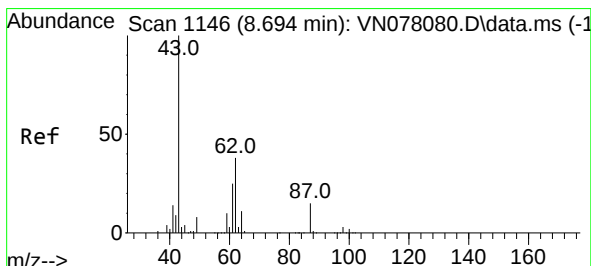
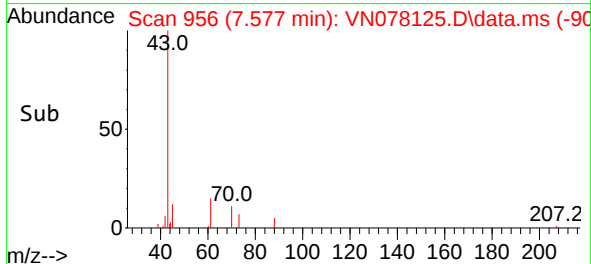
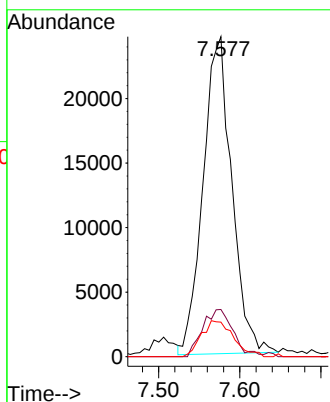
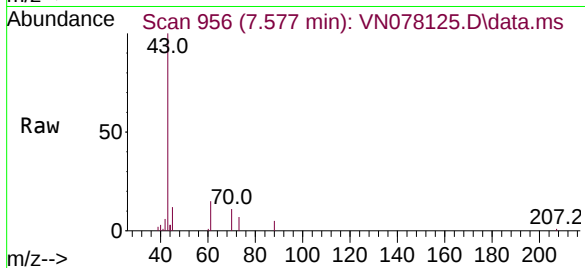
Tgt Ion: 43 Resp: 60375

Ion Ratio Lower Upper

43 100

61 15.8 13.2 19.8

70 12.7 11.3 16.9



#43

Isopropyl Acetate

Concen: 45.743 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078125.D

Acq: 08 Jun 2023 13:24

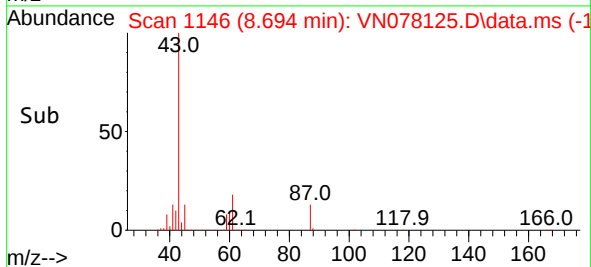
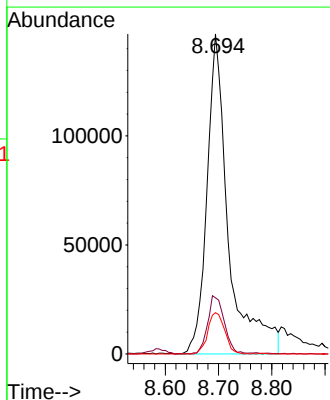
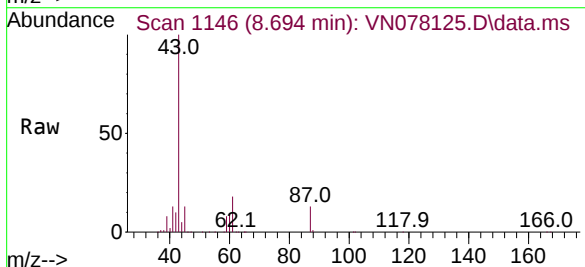
Tgt Ion: 43 Resp: 411969

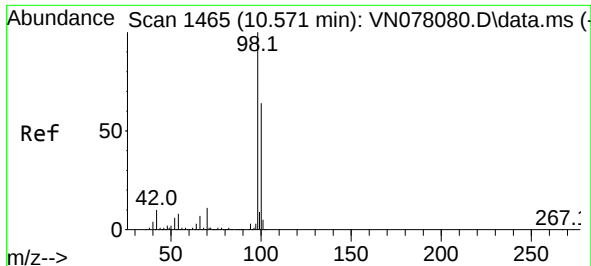
Ion Ratio Lower Upper

43 100

61 14.1 24.7 37.1#

87 10.1 14.6 21.8#

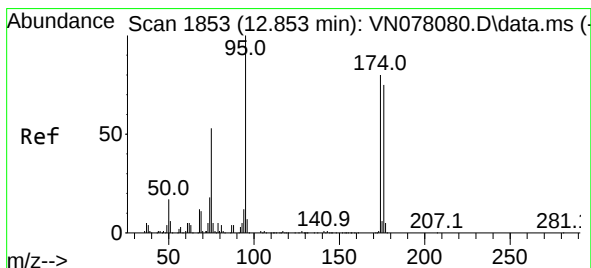
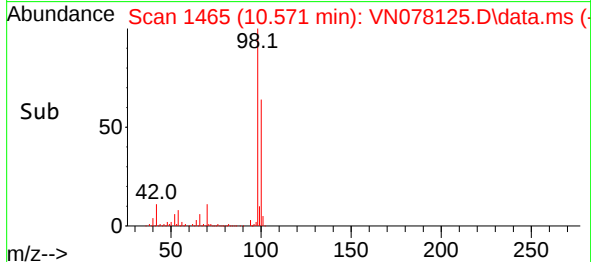
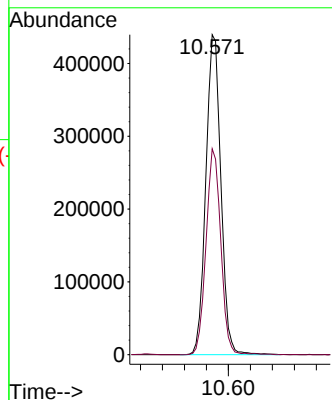
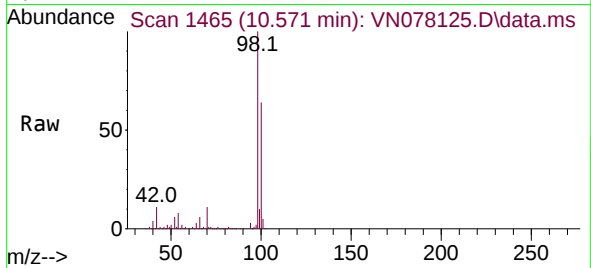




#50
Toluene-d8
Concen: 51.449 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

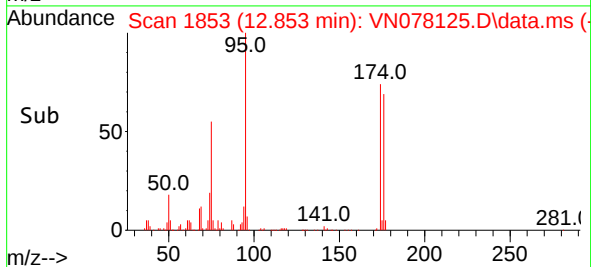
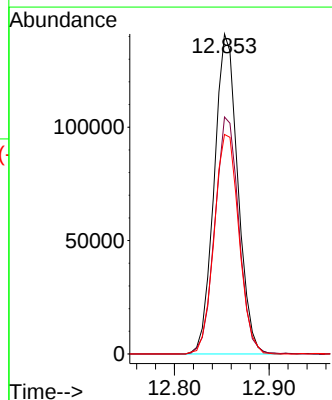
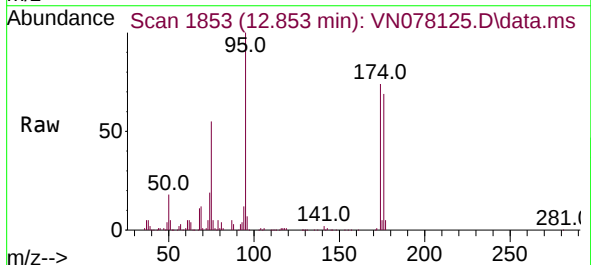
Instrument :
MSVOA_N
ClientSampleId :
TP-2

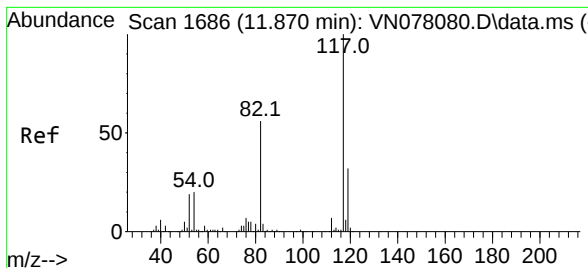
Tgt Ion: 98 Resp: 833556
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078125.D
Acq: 08 Jun 2023 13:24

Tgt Ion: 95 Resp: 244671
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 71.8 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: VN078125.D

Acq: 08 Jun 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

TP-2

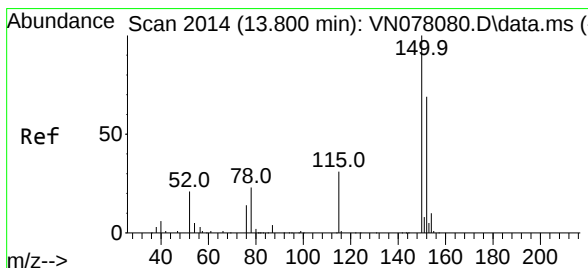
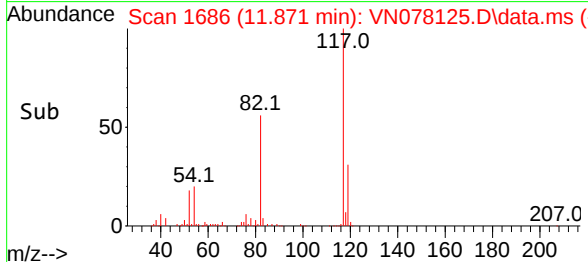
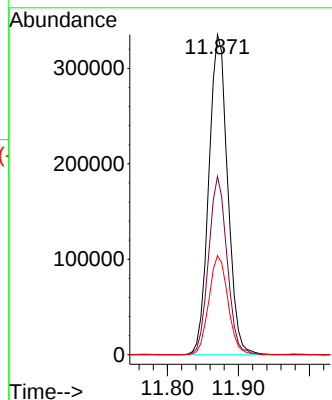
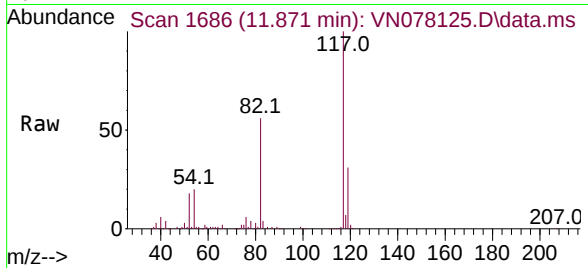
Tgt Ion:117 Resp: 616994

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 30.9 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: VN078125.D

Acq: 08 Jun 2023 13:24

Tgt Ion:152 Resp: 180123

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 163.5 0.0 355.8

