

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078333.D
 Acq On : 21 Jun 2023 19:35
 Operator : JC\MD
 Sample : 03337-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-9

Quant Time: Jun 22 04:54:43 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)

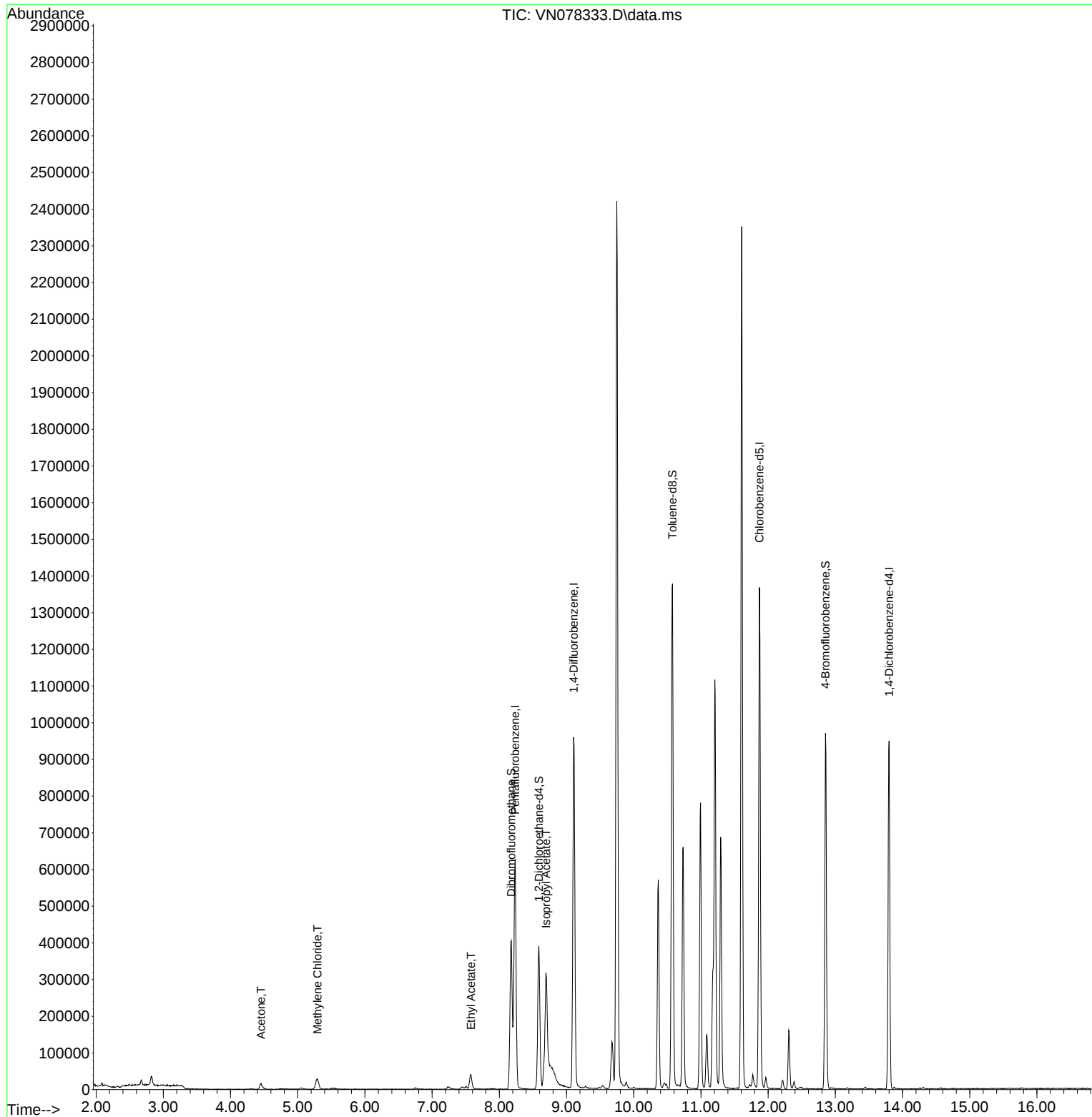
Internal Standards						
1) Pentafluorobenzene	8.236	168	453342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	853319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	810462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	319267	52.820	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.640%		
35) Dibromofluoromethane	8.177	113	296053	54.871	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.740%		
50) Toluene-d8	10.577	98	1003909	48.265	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.540%		
62) 4-Bromofluorobenzene	12.853	95	338078	52.284	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.560%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26126	15.017	ug/l	99
20) Methylene Chloride	5.295	84	23259	4.046	ug/l #	86
37) Ethyl Acetate	7.577	43	60977	10.086	ug/l	97
43) Isopropyl Acetate	8.694	43	433189	37.466	ug/l #	73

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

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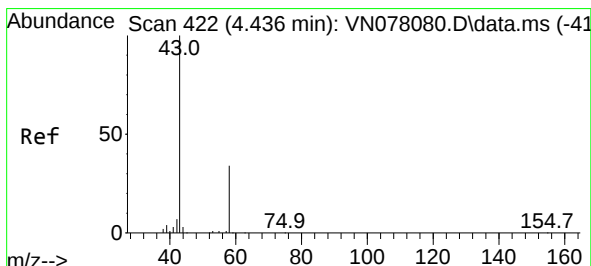
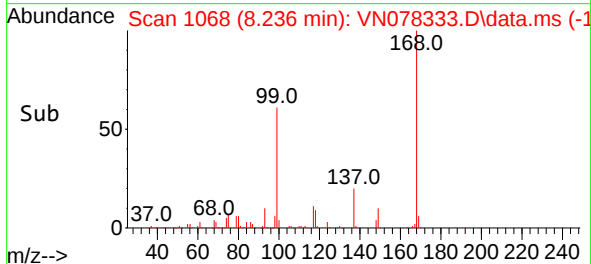
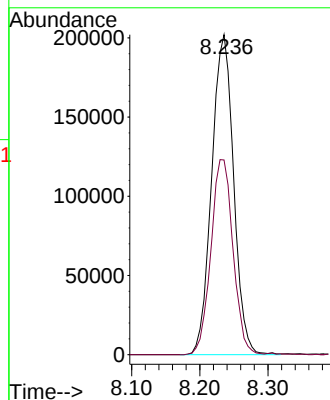
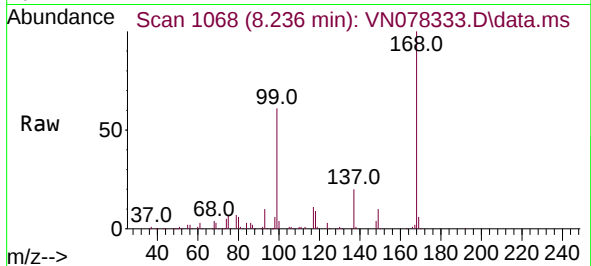




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

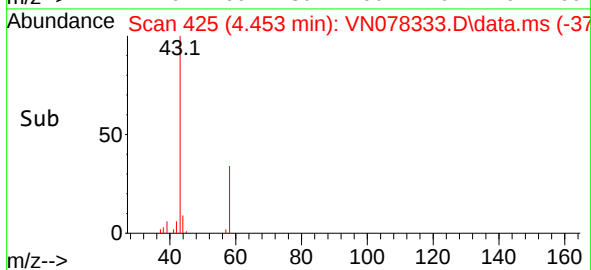
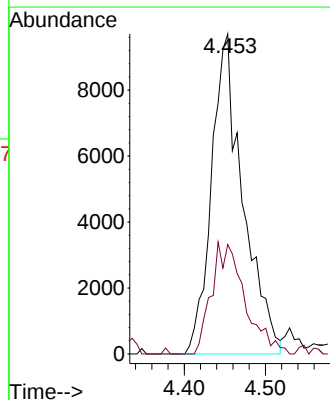
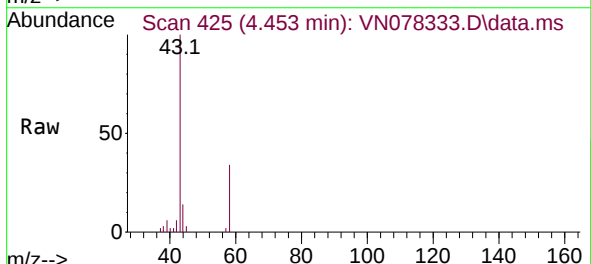
Instrument :
MSVOA_N
ClientSampleId :
WC-9

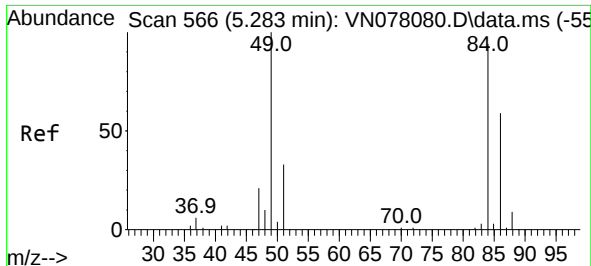
Tgt Ion:168 Resp: 453342
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 15.017 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

Tgt Ion: 43 Resp: 26126
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

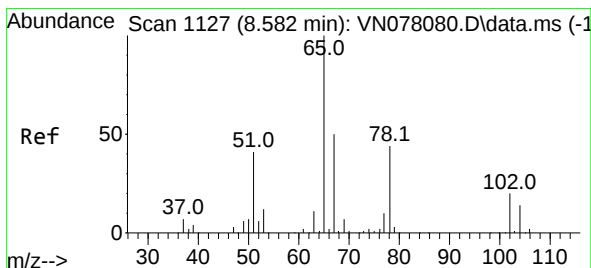
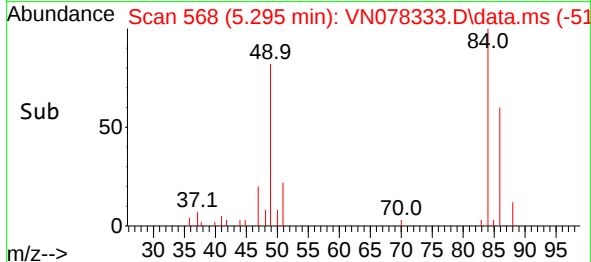
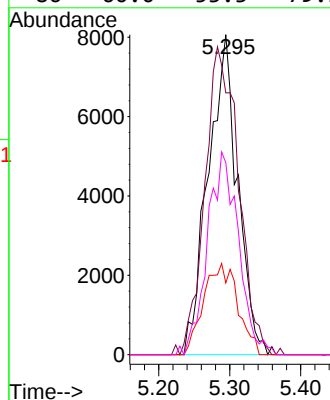
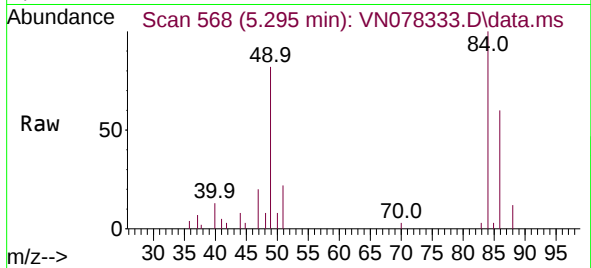




#20
Methylene Chloride
Concen: 4.046 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

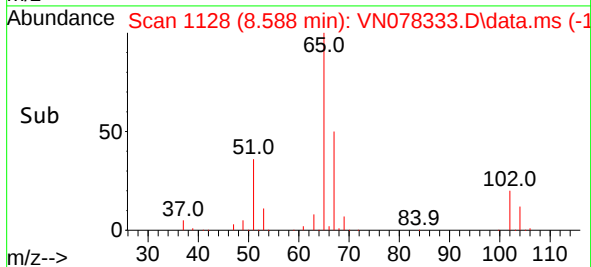
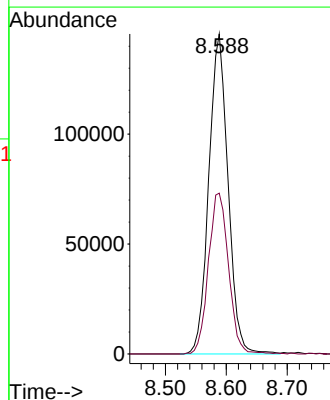
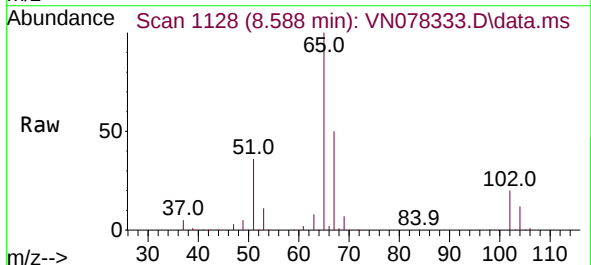
Instrument :
MSVOA_N
ClientSampleId :
WC-9

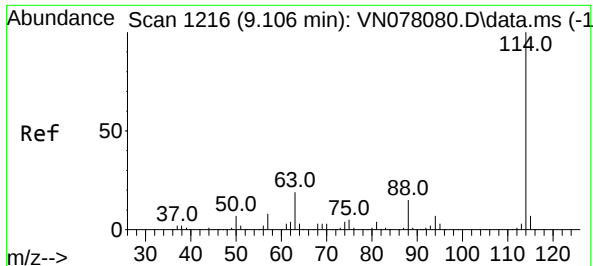
Tgt Ion: 84	Resp: 23259
Ion Ratio	Lower Upper
84 100	
49 81.8	79.7 119.5
51 22.5	25.2 37.8#
86 60.0	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 52.820 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

Tgt Ion: 65	Resp: 319267
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: VN078333.D

Acq: 21 Jun 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

WC-9

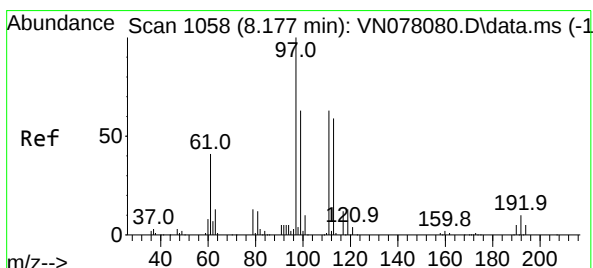
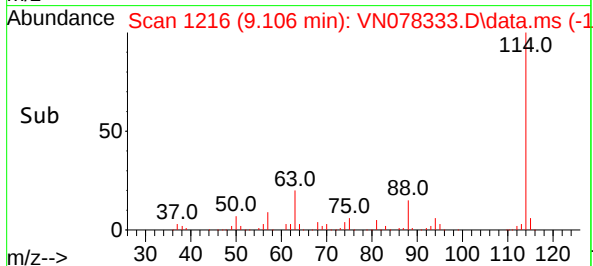
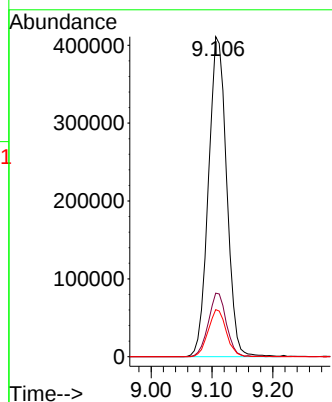
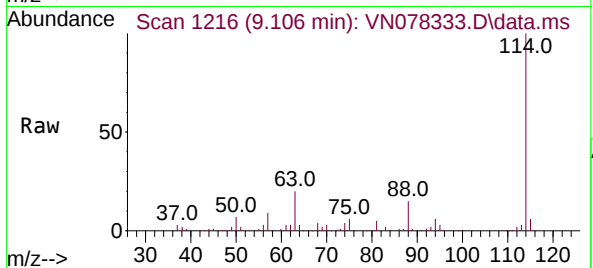
Tgt Ion:114 Resp: 853319

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.871 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078333.D

Acq: 21 Jun 2023 19:35

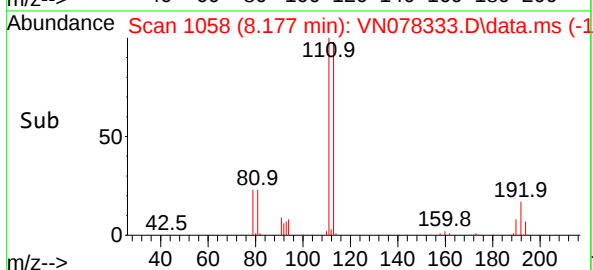
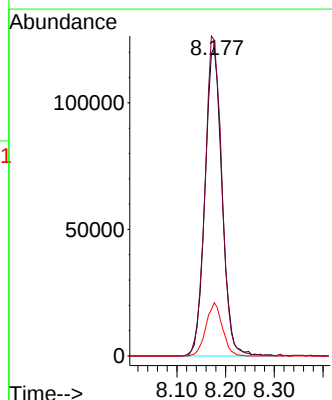
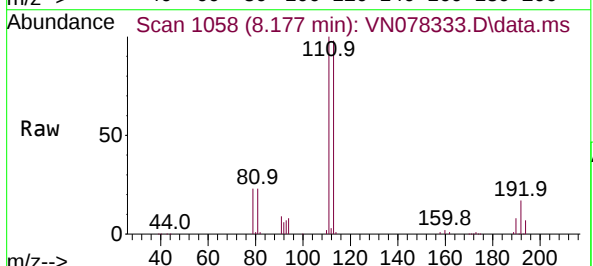
Tgt Ion:113 Resp: 296053

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 10.086 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078333.D

Acq: 21 Jun 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

WC-9

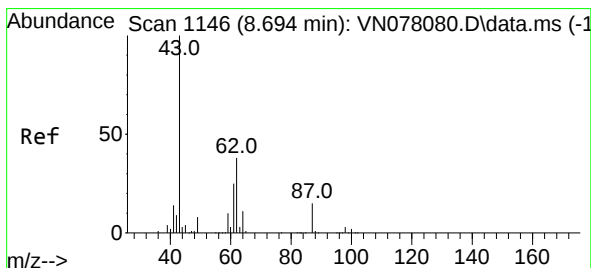
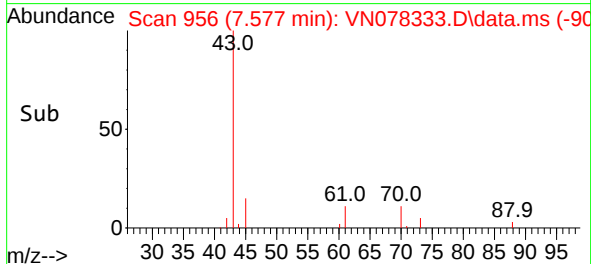
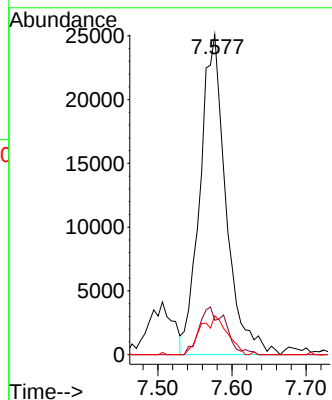
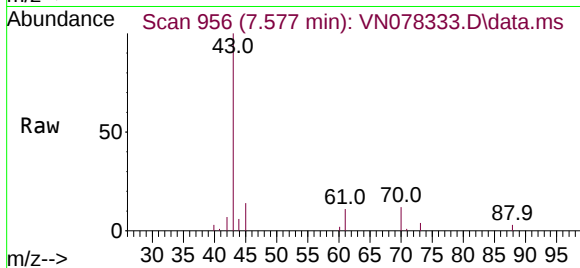
Tgt Ion: 43 Resp: 60977

Ion Ratio Lower Upper

43 100

61 15.1 13.2 19.8

70 12.5 11.3 16.9



#43

Isopropyl Acetate

Concen: 37.466 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078333.D

Acq: 21 Jun 2023 19:35

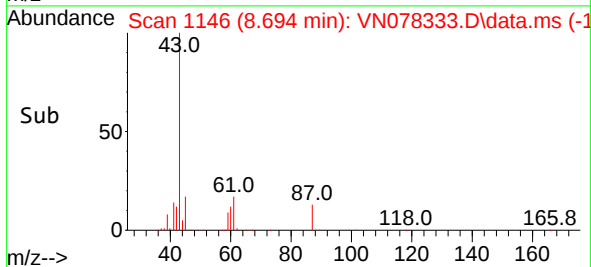
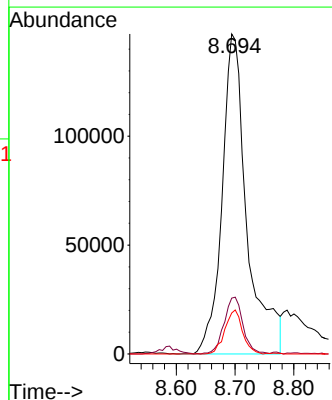
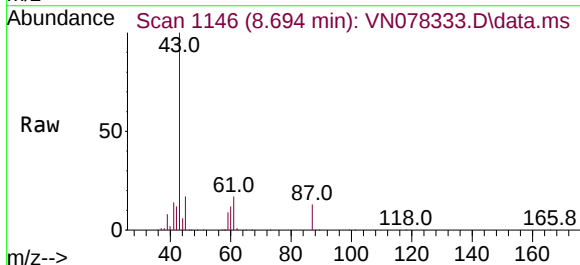
Tgt Ion: 43 Resp: 433189

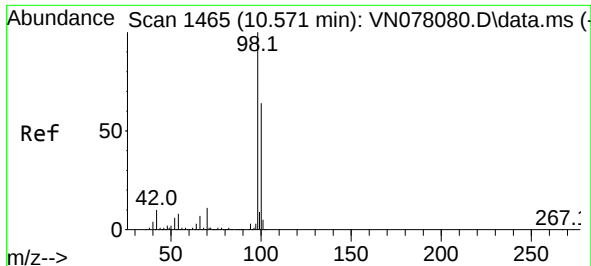
Ion Ratio Lower Upper

43 100

61 13.5 24.7 37.1#

87 9.7 14.6 21.8#

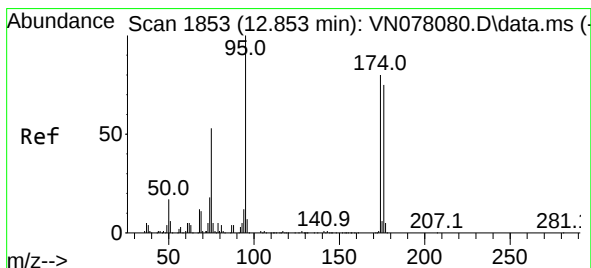
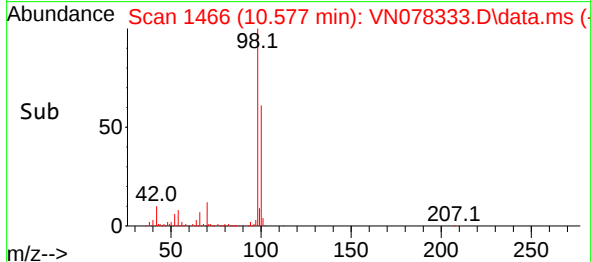
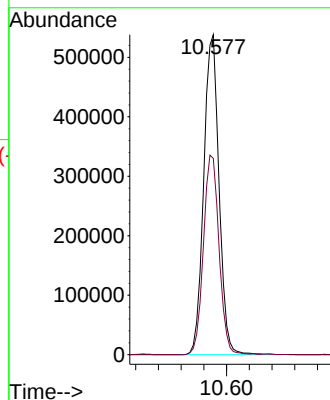
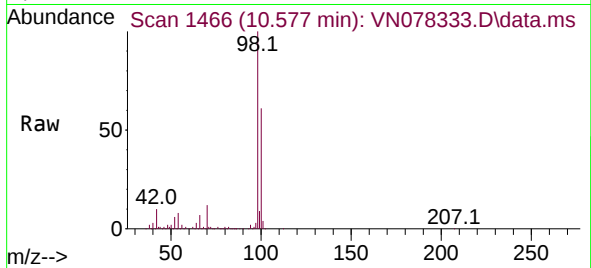




#50
Toluene-d8
Concen: 48.265 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

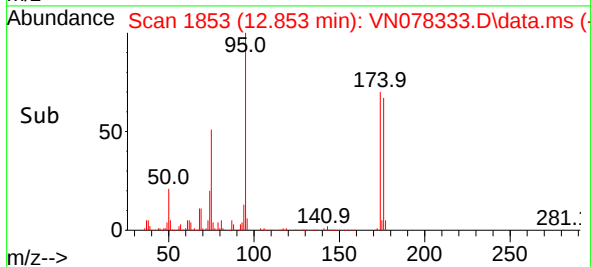
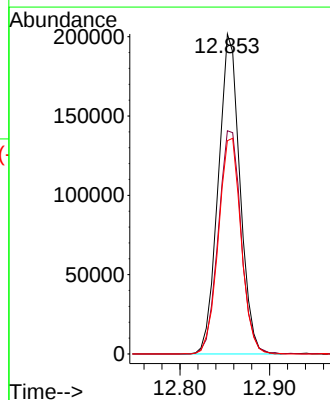
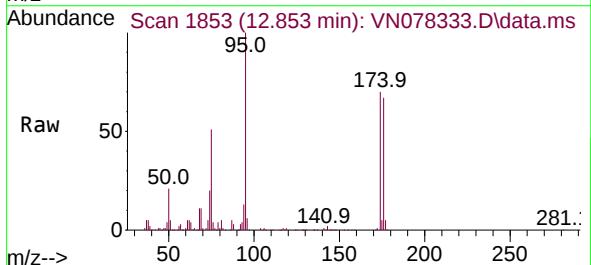
Instrument :
MSVOA_N
ClientSampleId :
WC-9

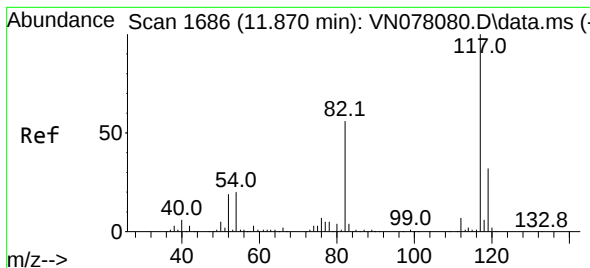
Tgt Ion: 98 Resp: 1003909
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078333.D
Acq: 21 Jun 2023 19:35

Tgt Ion: 95 Resp: 338078
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.6 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: VN078333.D

Acq: 21 Jun 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

WC-9

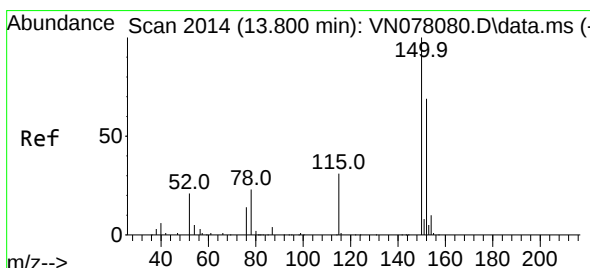
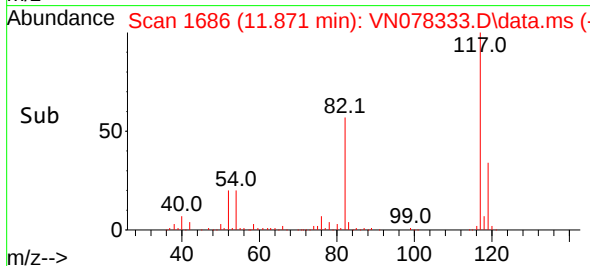
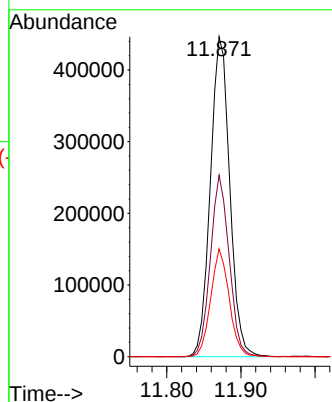
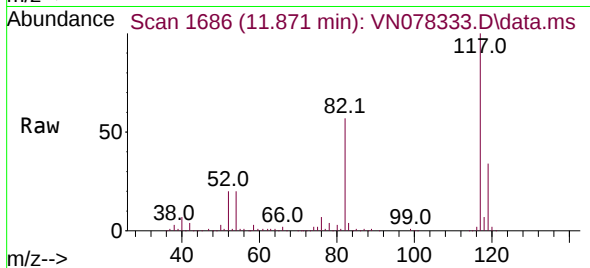
Tgt Ion:117 Resp: 810462

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 33.7 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: VN078333.D

Acq: 21 Jun 2023 19:35

Tgt Ion:152 Resp: 264272

Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 155.2 0.0 355.8

