

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078327.D
 Acq On : 21 Jun 2023 17:10
 Operator : JC\MD
 Sample : 03336-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Jun 22 04:52:06 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)

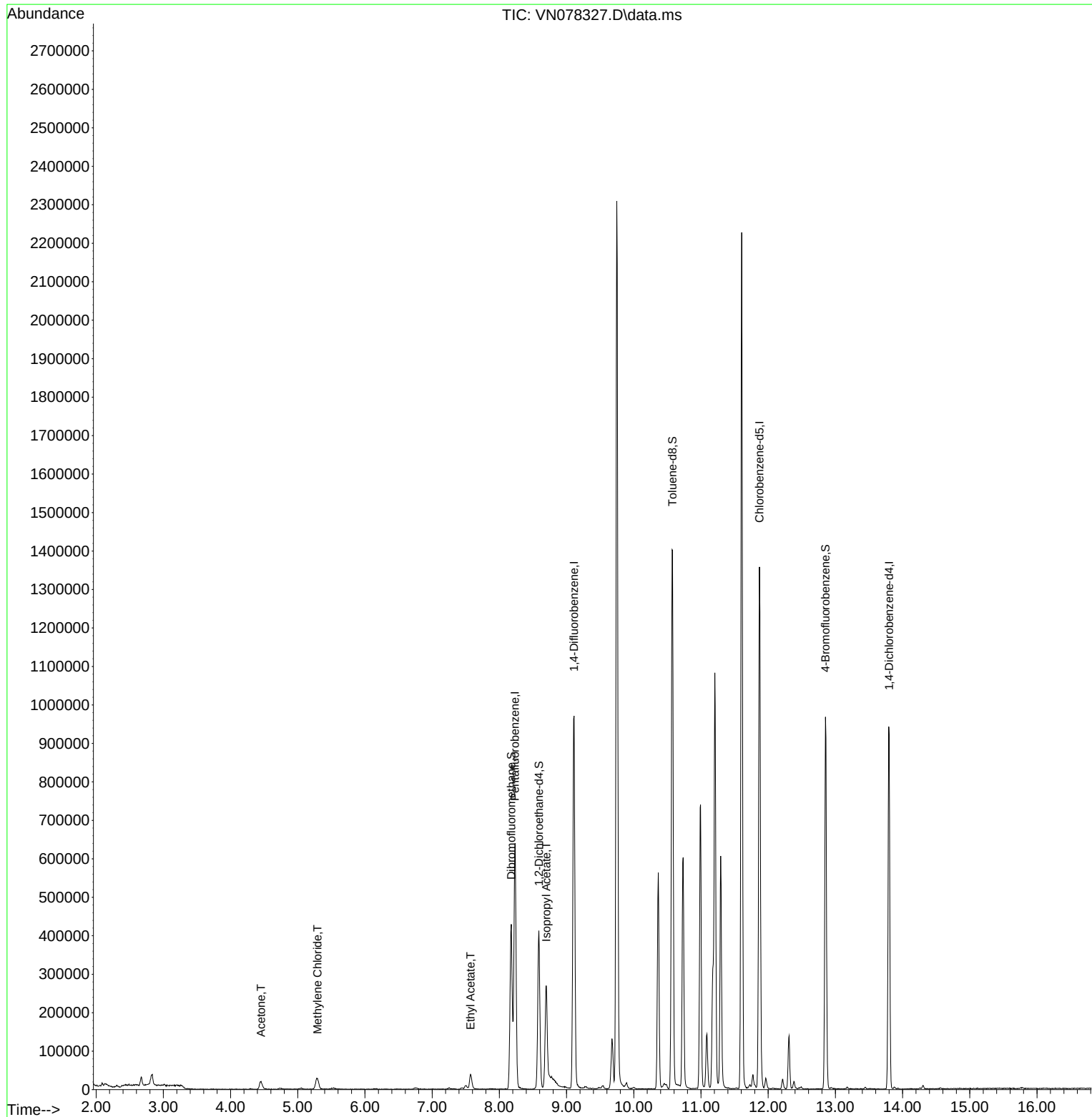
Internal Standards						
1) Pentafluorobenzene	8.229	168	459241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	866972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	814077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	260720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327095	53.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.840%	
35) Dibromofluoromethane	8.177	113	303637	55.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.780%	
50) Toluene-d8	10.576	98	1040418	49.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	12.853	95	337943	51.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	38811	22.021	ug/l	95
20) Methylene Chloride	5.294	84	23571	4.047	ug/l	92
37) Ethyl Acetate	7.571	43	57650	9.385	ug/l #	94
43) Isopropyl Acetate	8.700	43	317043	26.989	ug/l #	80

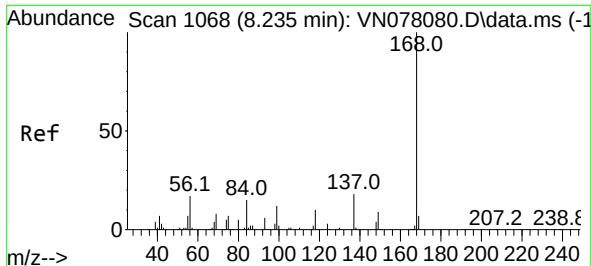
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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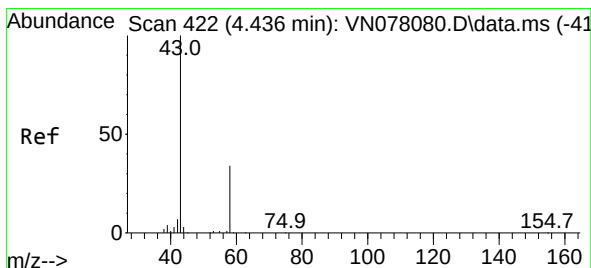
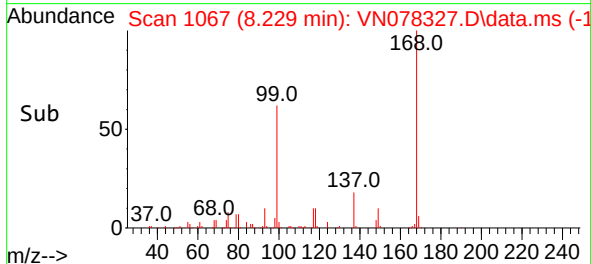
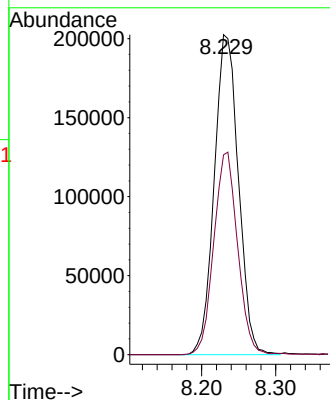
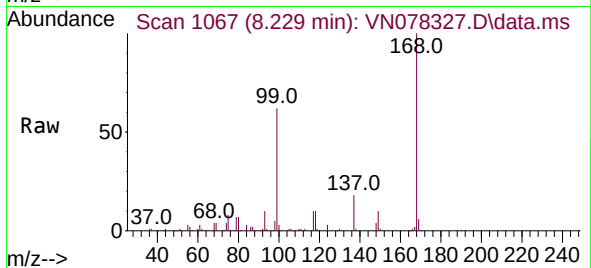




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

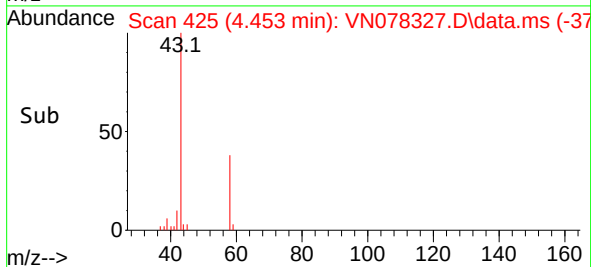
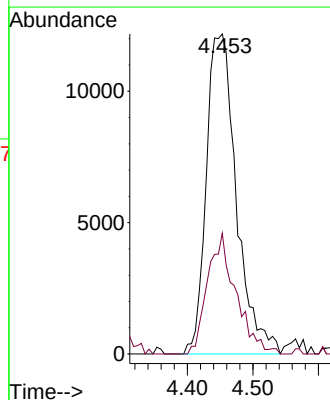
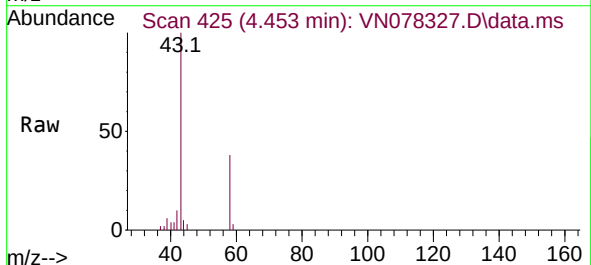
Instrument :
MSVOA_N
ClientSampleId :
WC-4

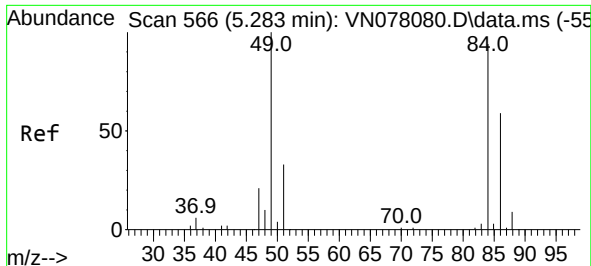
Tgt Ion:168 Resp: 459241
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 22.021 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

Tgt Ion: 43 Resp: 38811
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0

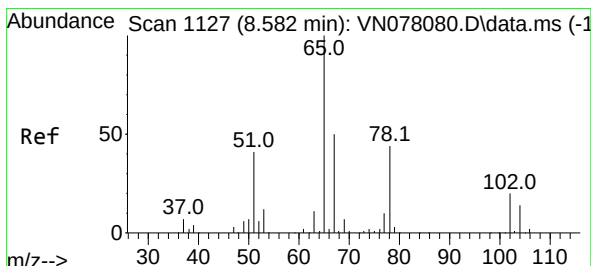
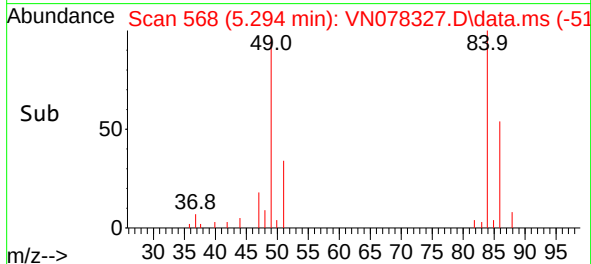
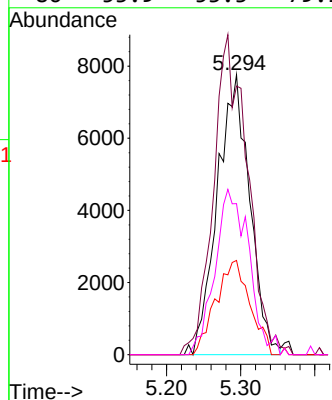
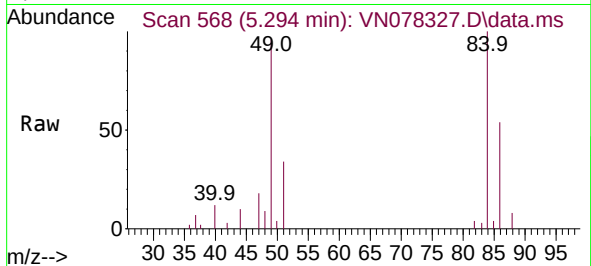




#20
Methylene Chloride
Concen: 4.047 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

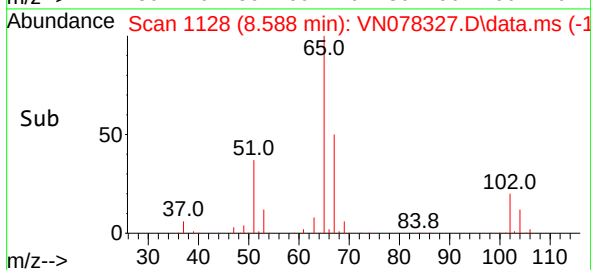
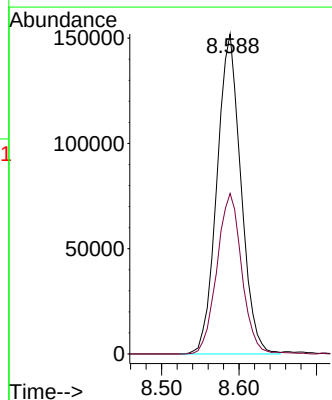
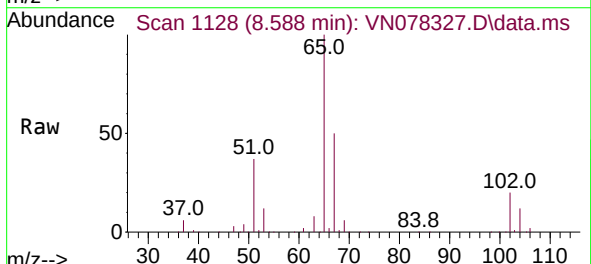
Instrument :
MSVOA_N
ClientSampleId :
WC-4

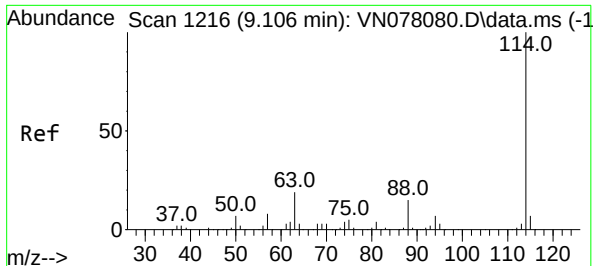
Tgt Ion: 84	Resp: 23571
Ion Ratio	Lower Upper
84 100	
49 96.0	79.7 119.5
51 33.6	25.2 37.8
86 53.9	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 53.420 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

Tgt Ion: 65	Resp: 327095
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: VN078327.D

Acq: 21 Jun 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

WC-4

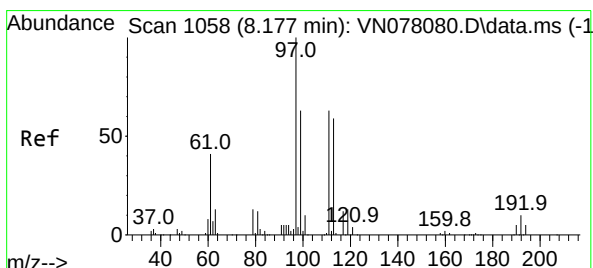
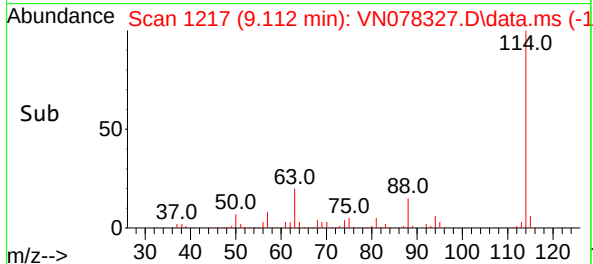
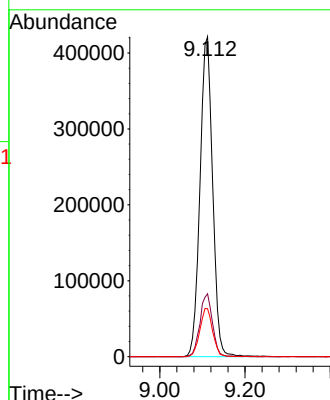
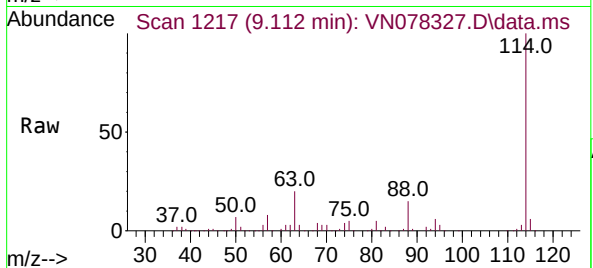
Tgt Ion:114 Resp: 866972

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.391 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078327.D

Acq: 21 Jun 2023 17:10

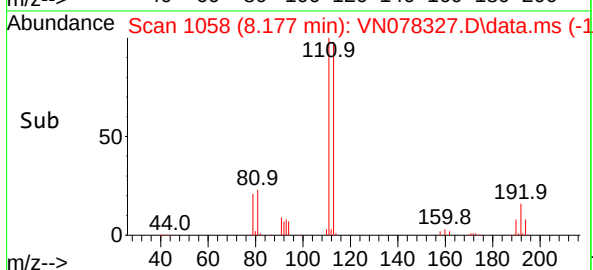
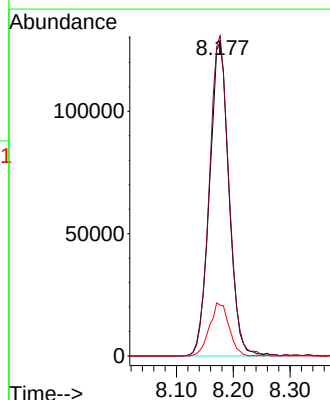
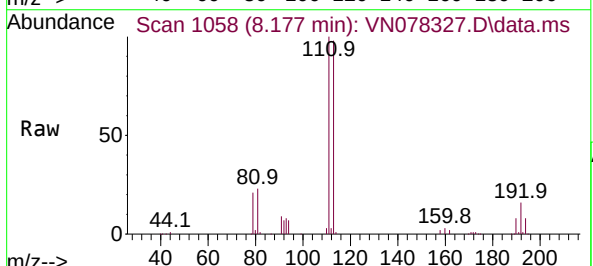
Tgt Ion:113 Resp: 303637

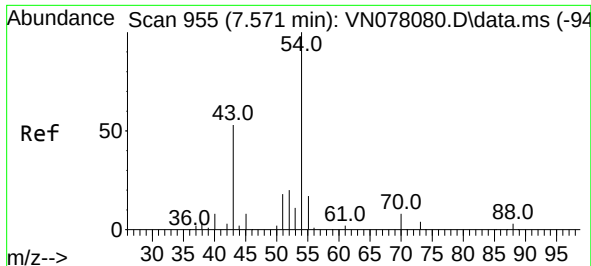
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.0 12.7 19.1

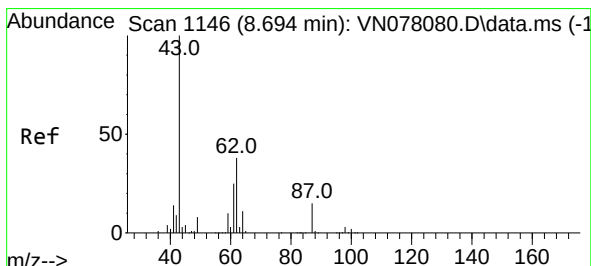
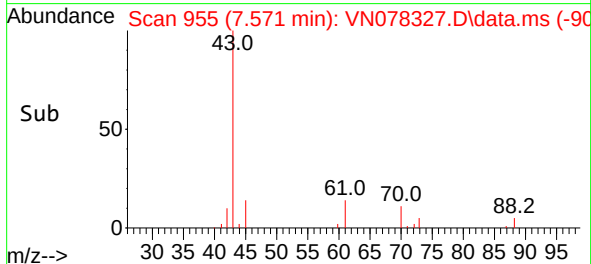
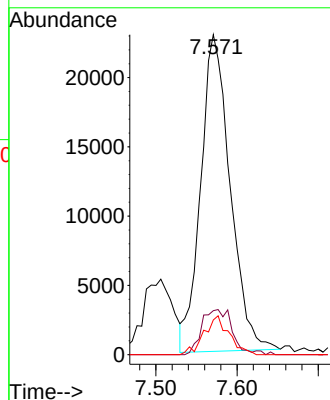
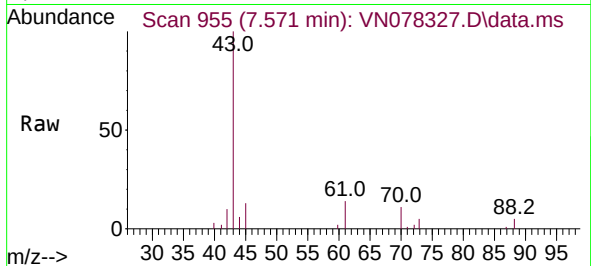




#37
Ethyl Acetate
Concen: 9.385 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

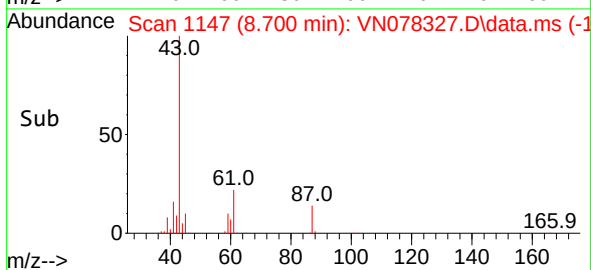
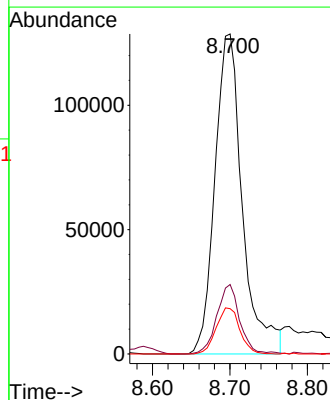
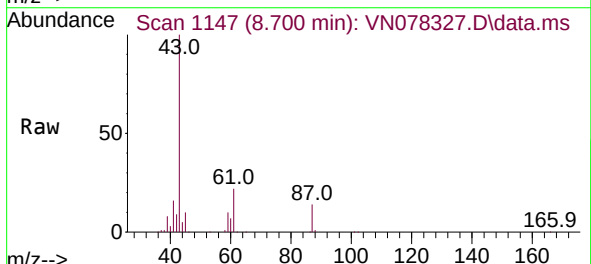
Instrument :
MSVOA_N
ClientSampleId :
WC-4

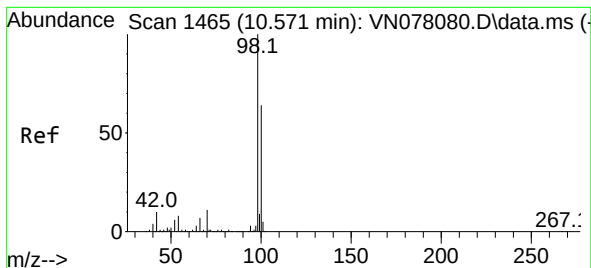
Tgt Ion: 43 Resp: 57650
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 10.4 11.3 16.9#



#43
Isopropyl Acetate
Concen: 26.989 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

Tgt Ion: 43 Resp: 317043
Ion Ratio Lower Upper
43 100
61 18.1 24.7 37.1#
87 12.4 14.6 21.8#





#50

Toluene-d8

Concen: 49.233 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078327.D

Acq: 21 Jun 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

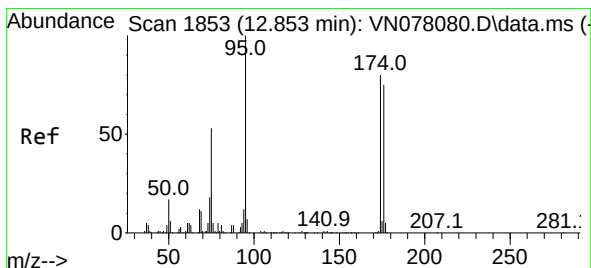
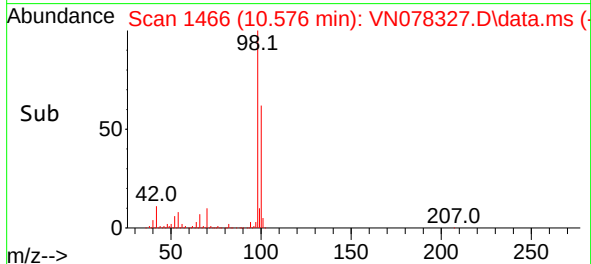
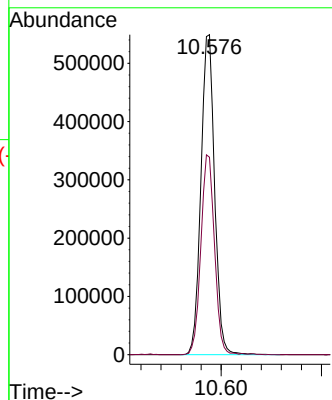
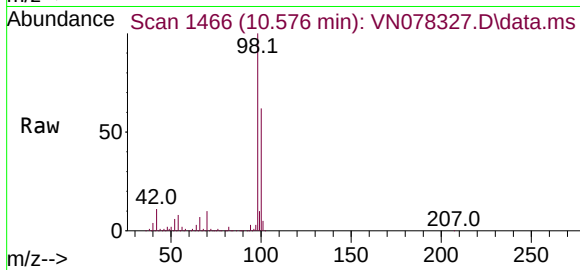
WC-4

Tgt Ion: 98 Resp: 1040418

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.440 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078327.D

Acq: 21 Jun 2023 17:10

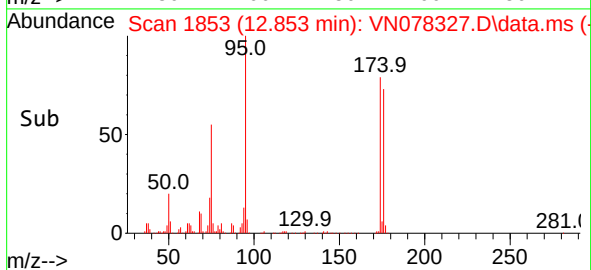
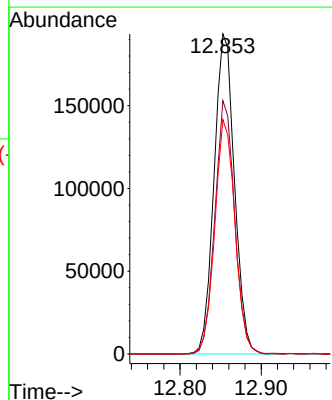
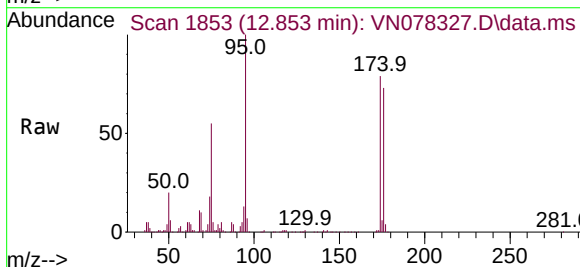
Tgt Ion: 95 Resp: 337943

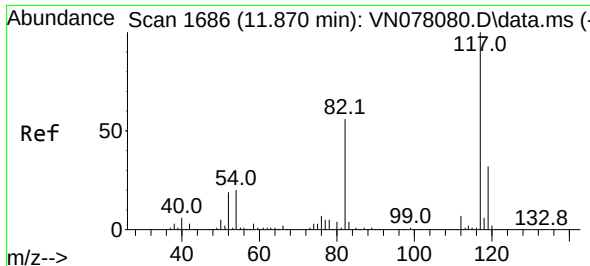
Ion Ratio Lower Upper

95 100

174 76.9 0.0 143.8

176 72.5 0.0 135.8

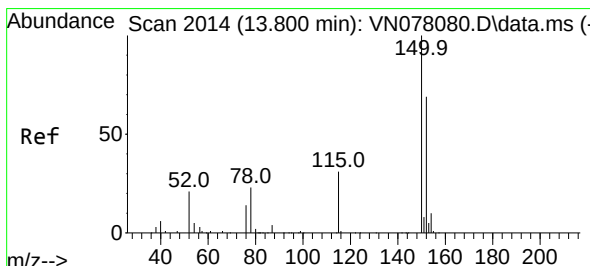
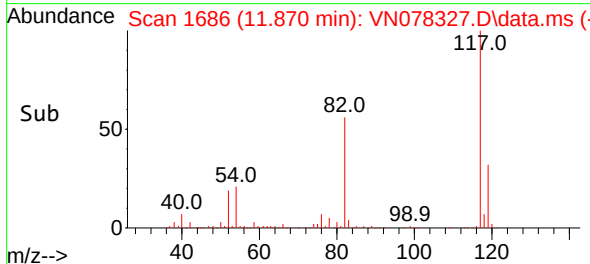
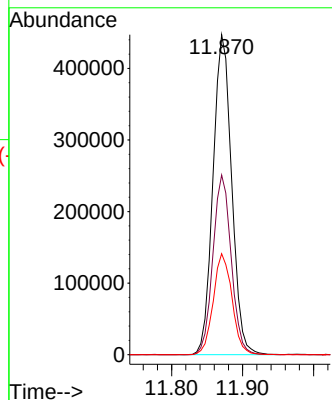
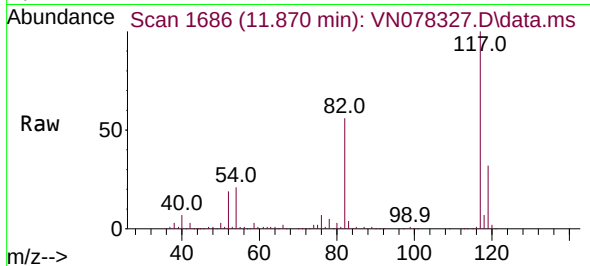




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078327.D
Acq: 21 Jun 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
WC-4

Tgt Ion:117 Resp: 814077
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.6 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: VN078327.D
Acq: 21 Jun 2023 17:10

Tgt Ion:152 Resp: 260720
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 155.7 0.0 355.8

