

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078325.D
 Acq On : 21 Jun 2023 16:22
 Operator : JC\MD
 Sample : 03336-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Quant Time: Jun 22 04:51:17 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)

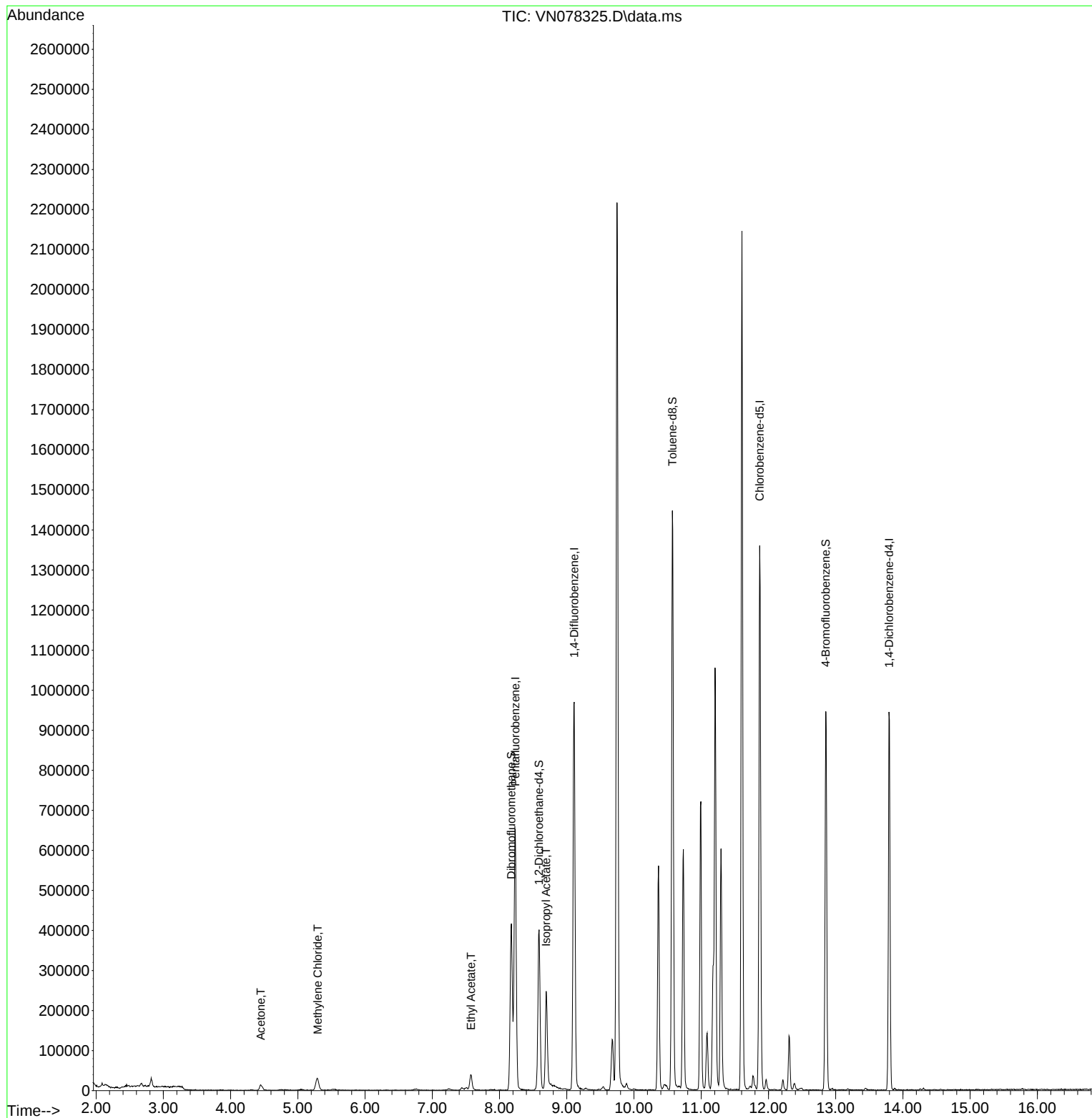
Internal Standards						
1) Pentafluorobenzene	8.235	168	473649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	863595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	811200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	254480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	331052	52.422	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.840%		
35) Dibromofluoromethane	8.177	113	301183	55.158	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.320%		
50) Toluene-d8	10.571	98	1039686	49.390	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.780%		
62) 4-Bromofluorobenzene	12.853	95	333787	51.006	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.020%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	25518	14.038	ug/l #	84
20) Methylene Chloride	5.294	84	24193	4.028	ug/l	94
37) Ethyl Acetate	7.577	43	57320	9.368	ug/l #	95
43) Isopropyl Acetate	8.694	43	276837	23.658	ug/l #	83

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

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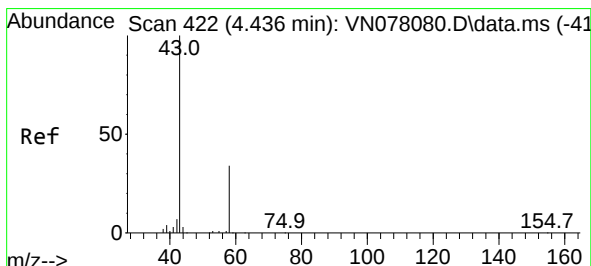
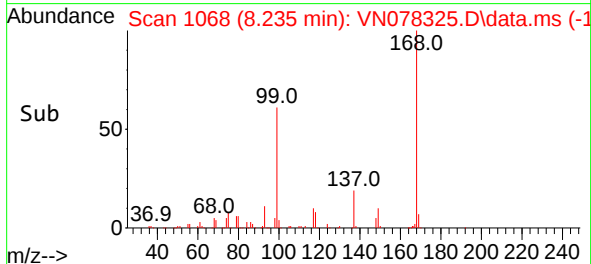
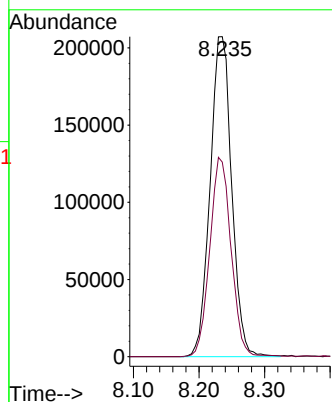
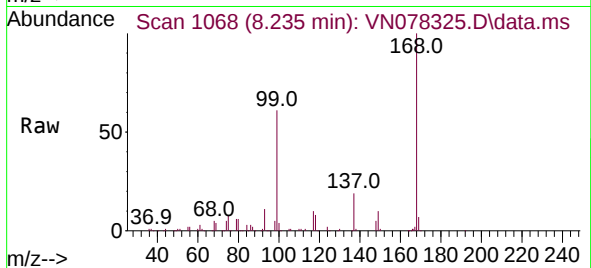




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

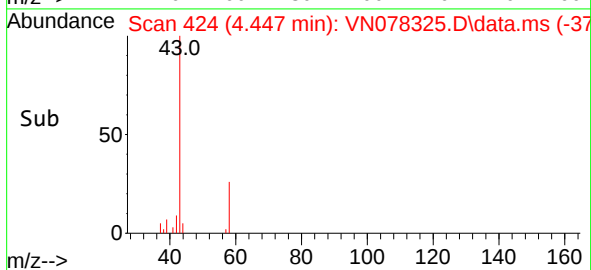
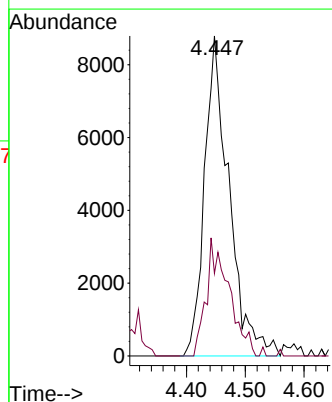
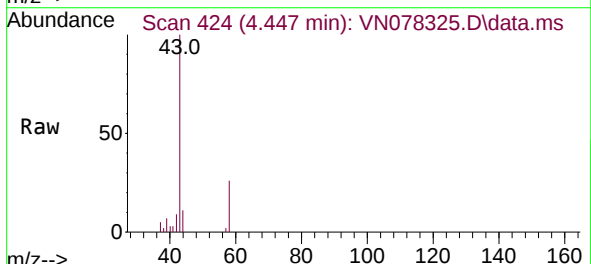
Instrument :
MSVOA_N
ClientSampleId :
WC-6

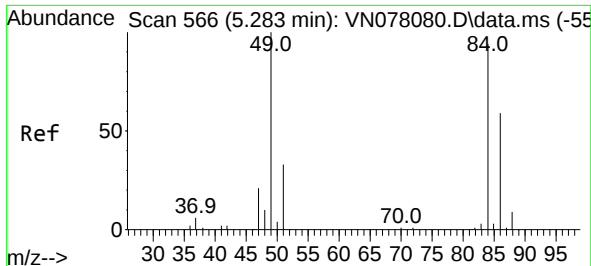
Tgt Ion:168 Resp: 473649
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 14.038 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Tgt Ion: 43 Resp: 25518
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#

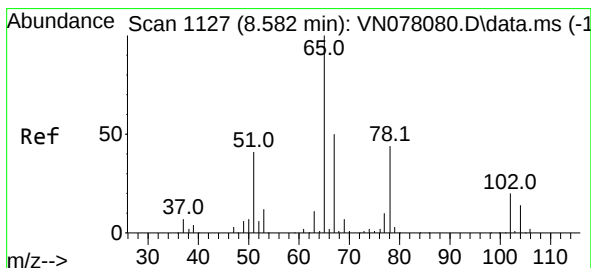
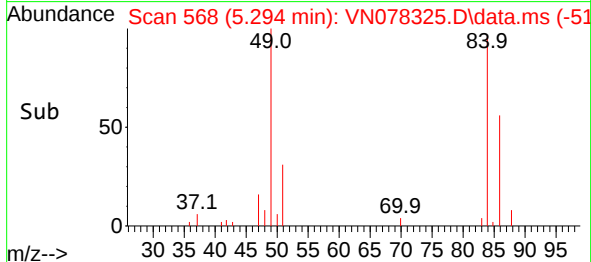
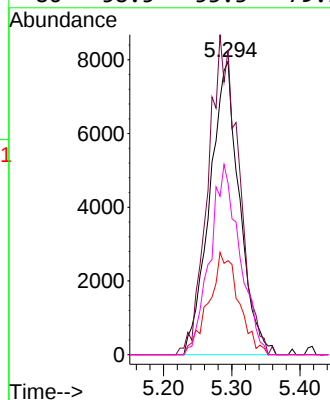
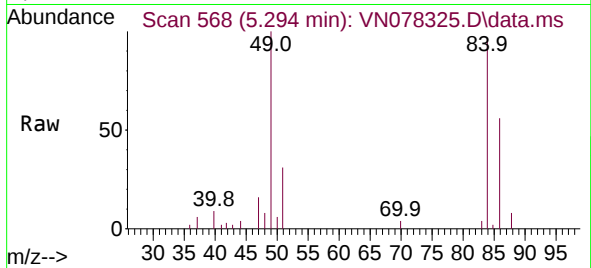




#20
Methylene Chloride
Concen: 4.028 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

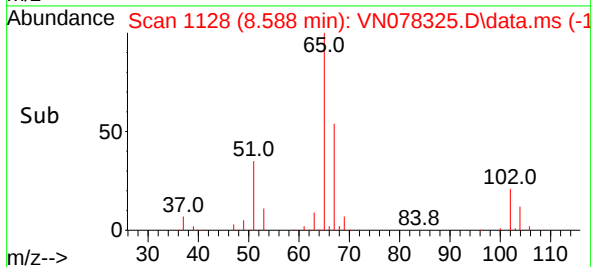
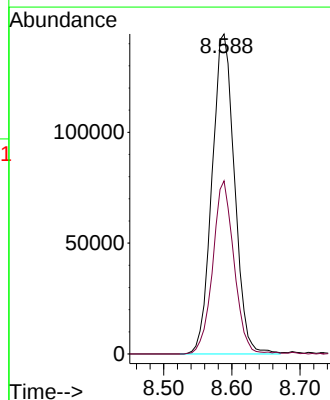
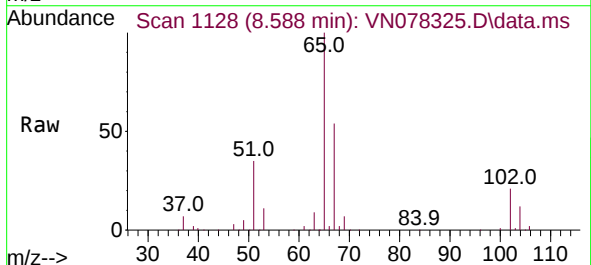
Instrument :
MSVOA_N
ClientSampleId :
WC-6

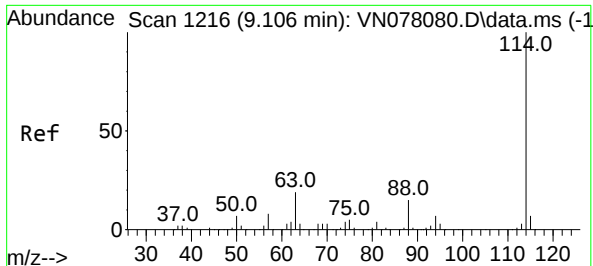
Tgt Ion: 84	Resp: 24193		
Ion	Ratio	Lower	Upper
84	100		
49	103.9	79.7	119.5
51	32.1	25.2	37.8
86	58.5	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 52.422 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Tgt Ion: 65	Resp: 331052
Ion Ratio	Lower Upper
65 100	
67 51.3	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: VN078325.D

Acq: 21 Jun 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

WC-6

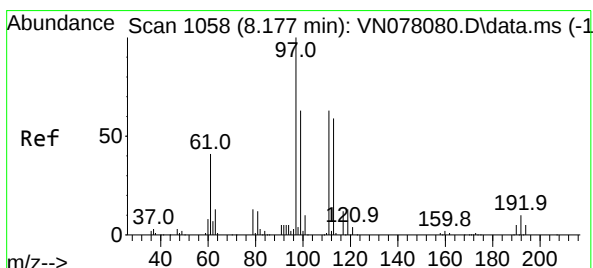
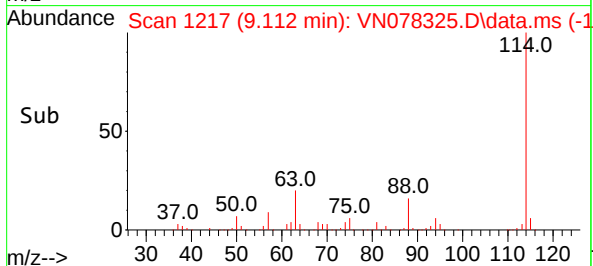
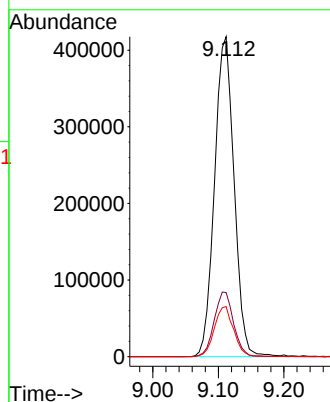
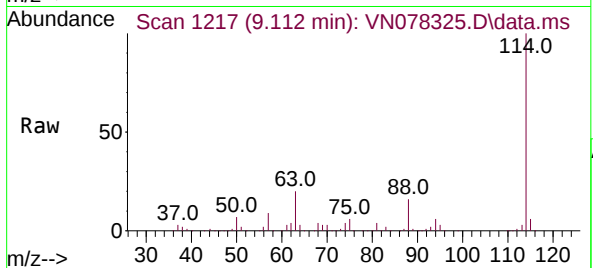
Tgt Ion:114 Resp: 863595

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.158 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078325.D

Acq: 21 Jun 2023 16:22

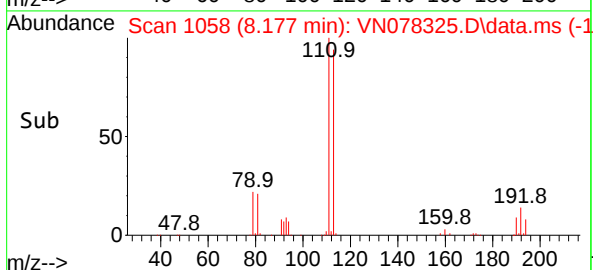
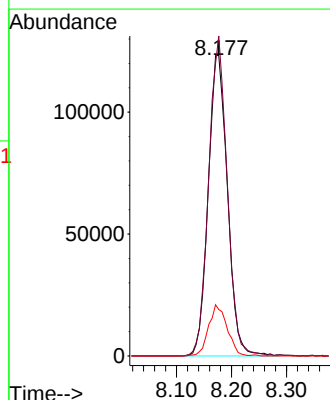
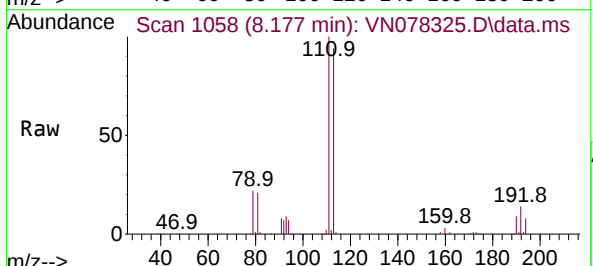
Tgt Ion:113 Resp: 301183

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.3 12.7 19.1

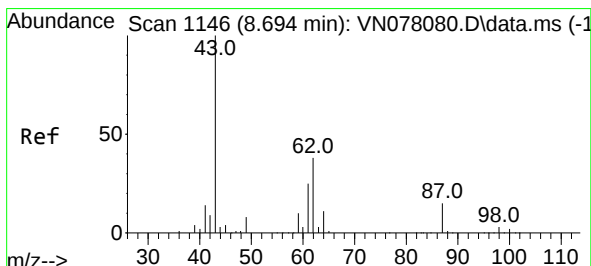
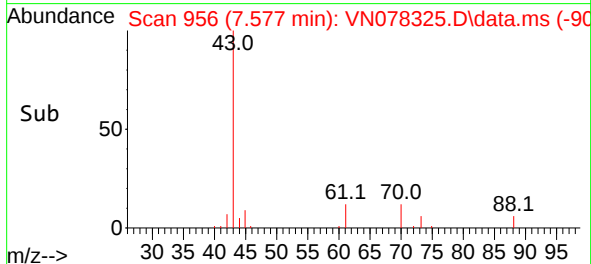
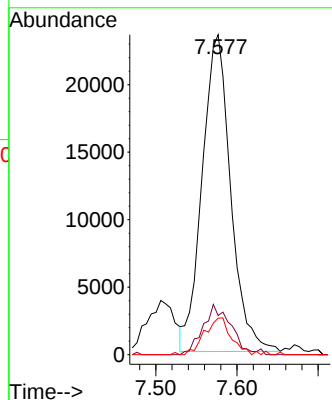
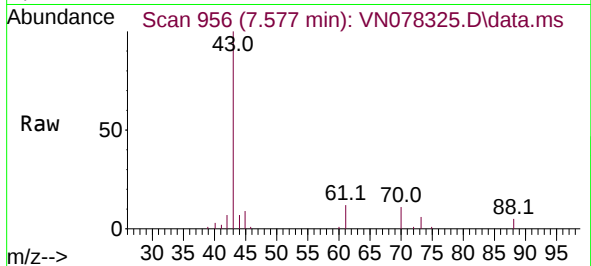




#37
Ethyl Acetate
Concen: 9.368 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

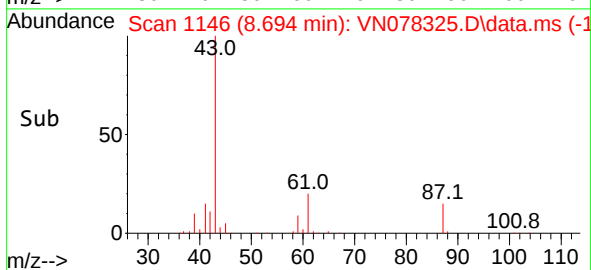
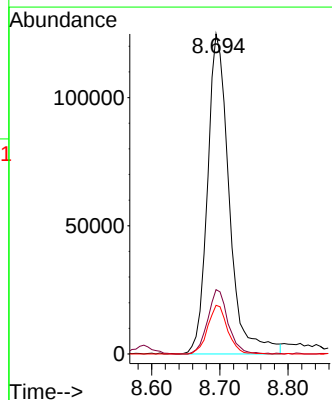
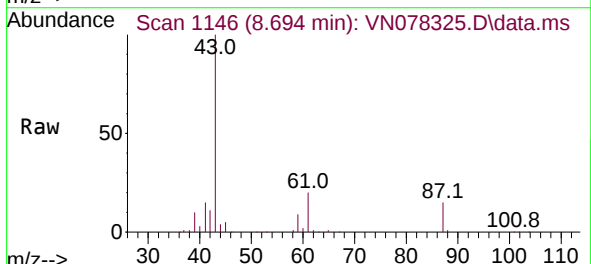
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MSVOA_N
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WC-6

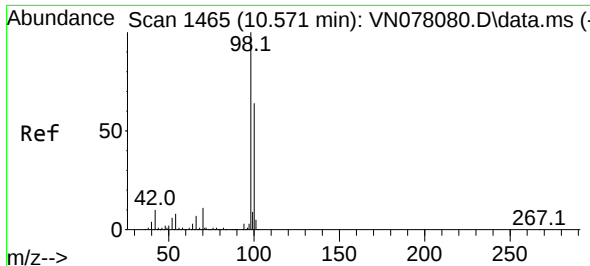
Tgt Ion: 43 Resp: 57320
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 11.1 11.3 16.9#



#43
Isopropyl Acetate
Concen: 23.658 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Tgt Ion: 43 Resp: 276837
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 13.9 14.6 21.8#

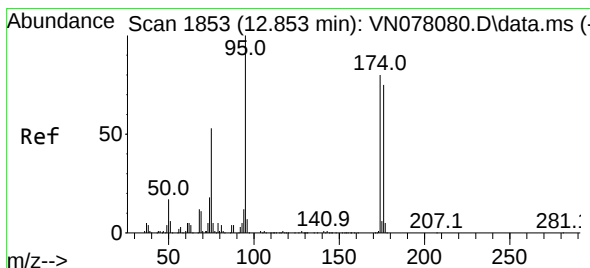
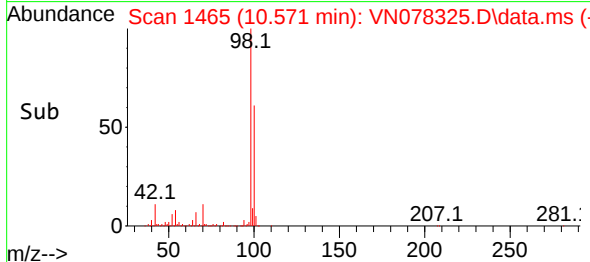
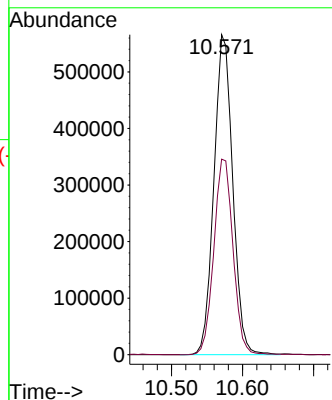
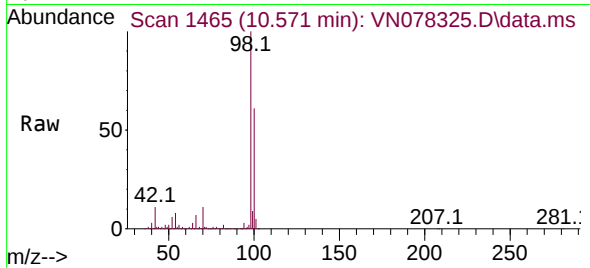




#50
Toluene-d8
Concen: 49.390 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

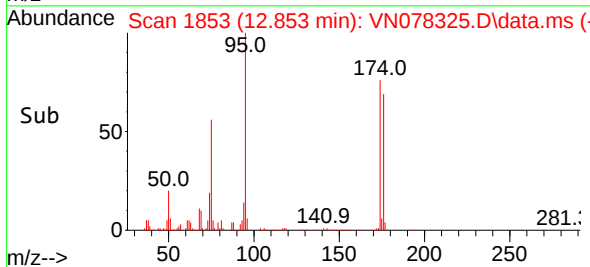
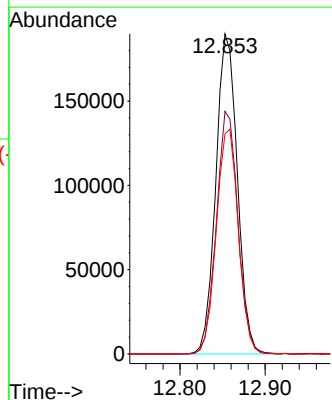
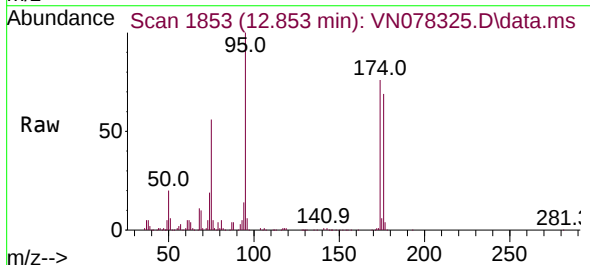
Instrument :
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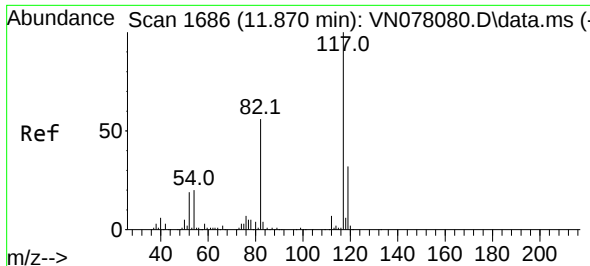
Tgt Ion: 98 Resp: 1039686
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Tgt Ion: 95 Resp: 333787
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.8 0.0 135.8

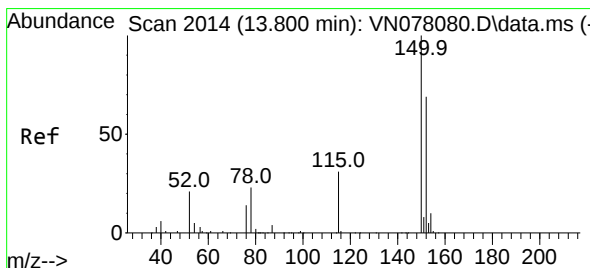
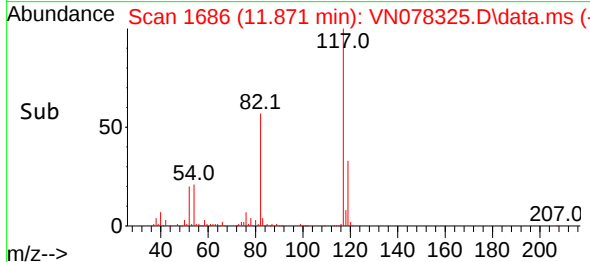
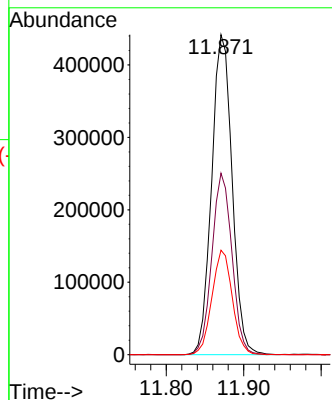
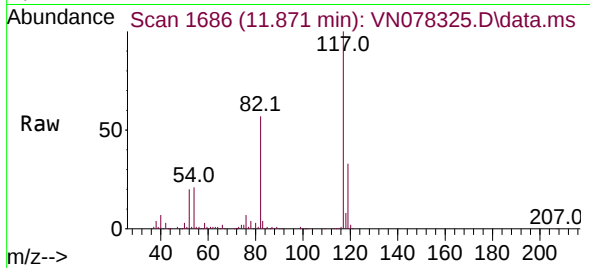




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
WC-6

Tgt Ion:117 Resp: 811200
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078325.D
Acq: 21 Jun 2023 16:22

Tgt Ion:152 Resp: 254480
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.4 0.0 355.8

