

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078324.D
 Acq On : 21 Jun 2023 15:58
 Operator : JC\MD
 Sample : PB153609TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153609TB

Quant Time: Jun 22 04:50:48 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)

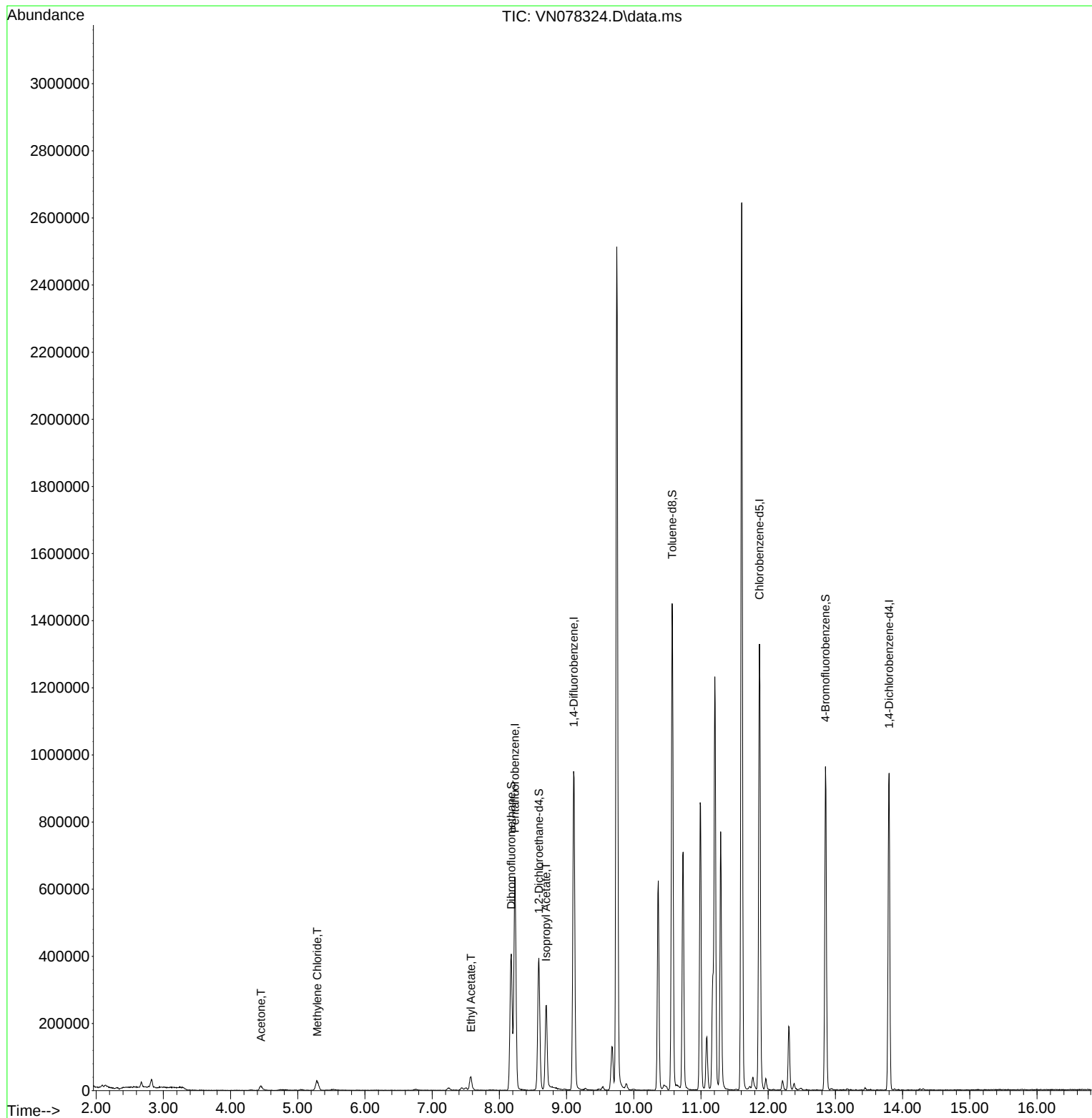
Internal Standards						
1) Pentafluorobenzene	8.230	168	455552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	844453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	803236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324884	53.489	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.980%		
35) Dibromofluoromethane	8.177	113	294956	55.242	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.480%		
50) Toluene-d8	10.571	98	1026852	49.886	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.780%		
62) 4-Bromofluorobenzene	12.853	95	336176	52.536	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.080%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	24168	13.824	ug/l	92
20) Methylene Chloride	5.289	84	21287	3.685	ug/l #	76
37) Ethyl Acetate	7.577	43	61278	10.242	ug/l	96
43) Isopropyl Acetate	8.694	43	284482	24.863	ug/l #	85

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

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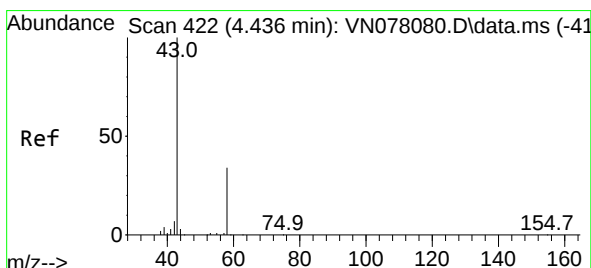
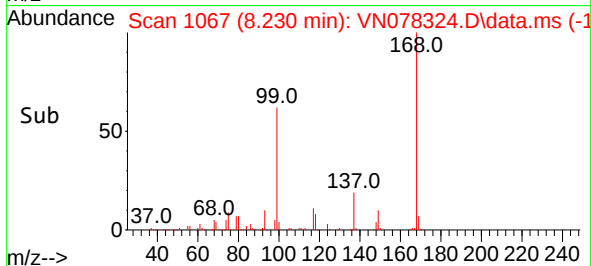
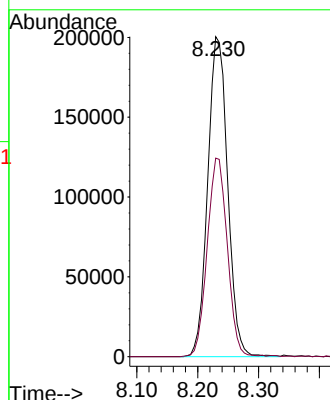
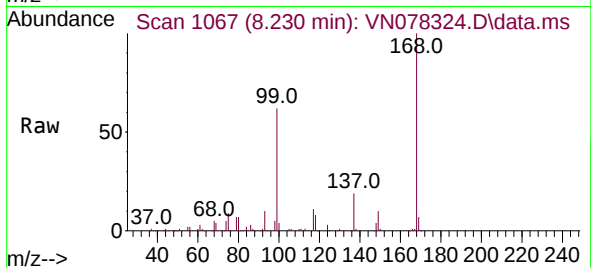




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

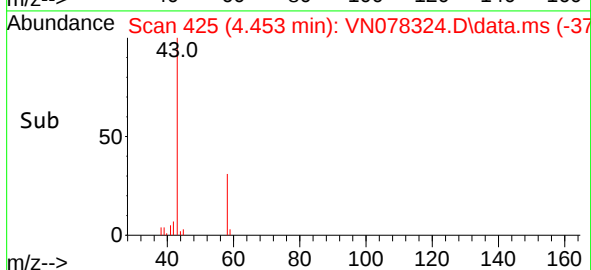
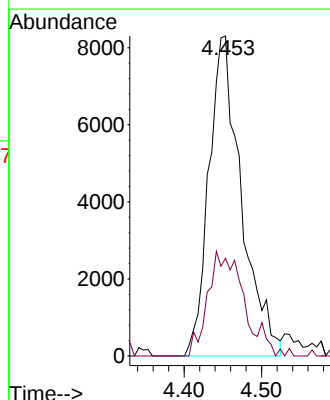
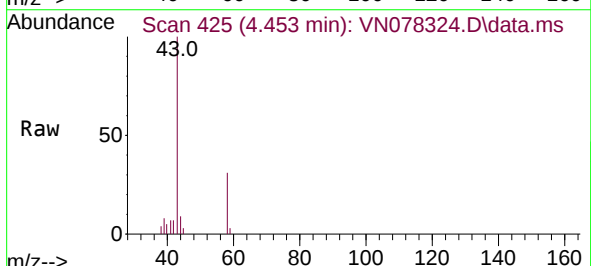
Instrument :
MSVOA_N
ClientSampleId :
PB153609TB

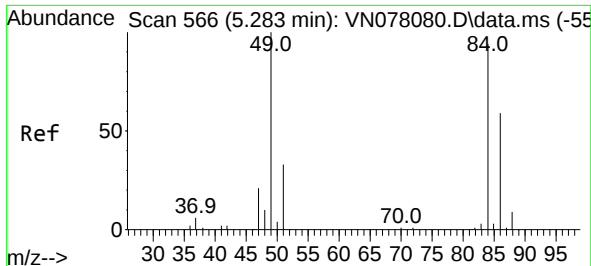
Tgt Ion:168 Resp: 455552
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 13.824 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

Tgt Ion: 43 Resp: 24168
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0

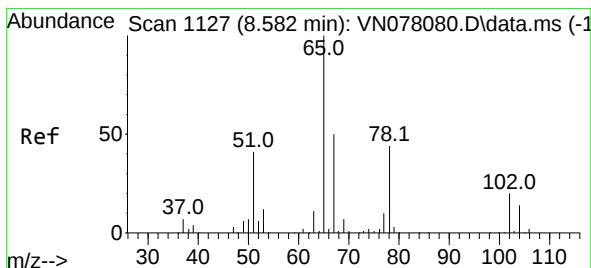
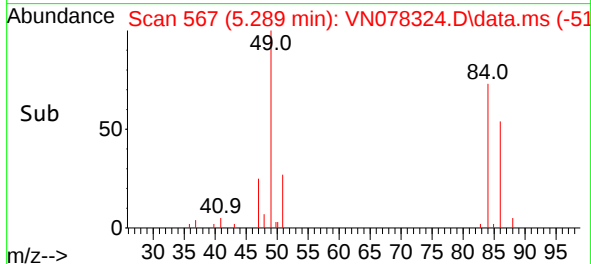
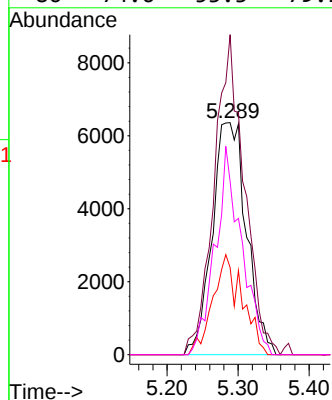
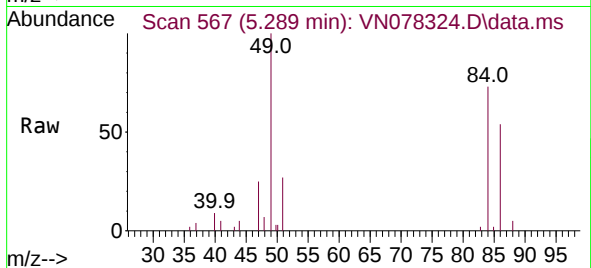




#20
Methylene Chloride
Concen: 3.685 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

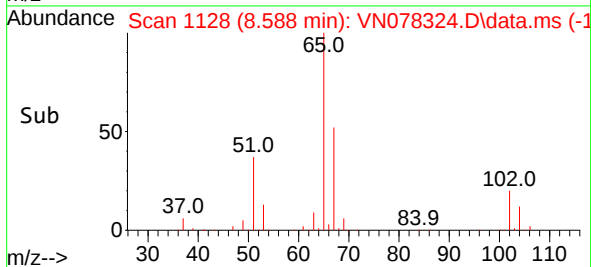
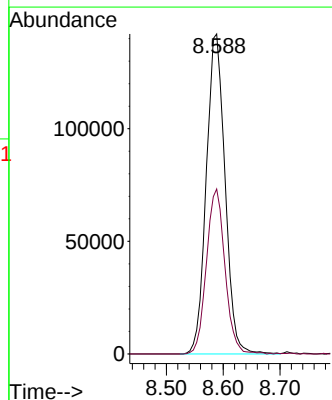
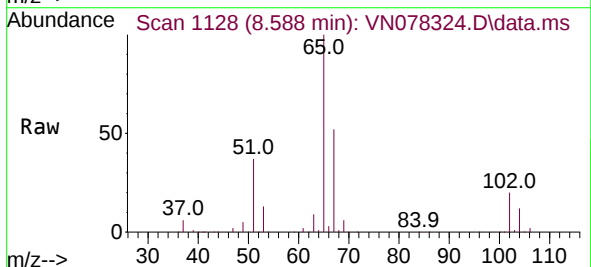
Instrument :
MSVOA_N
ClientSampleId :
PB153609TB

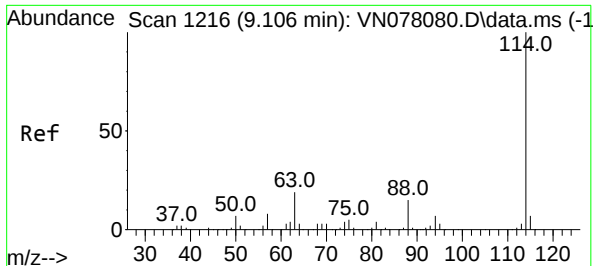
Tgt Ion:	84	Resp:	21287
Ion	Ratio	Lower	Upper
84	100		
49	137.9	79.7	119.5#
51	37.5	25.2	37.8
86	74.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.489 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

Tgt Ion:	65	Resp:	324884
Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VN078324.D

Acq: 21 Jun 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

PB153609TB

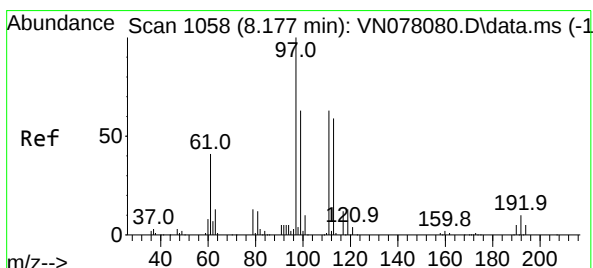
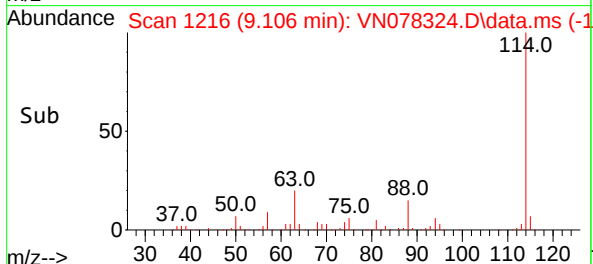
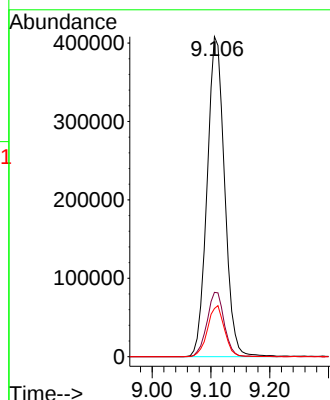
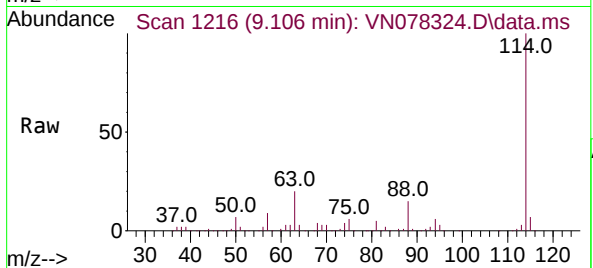
Tgt Ion:114 Resp: 844453

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.242 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078324.D

Acq: 21 Jun 2023 15:58

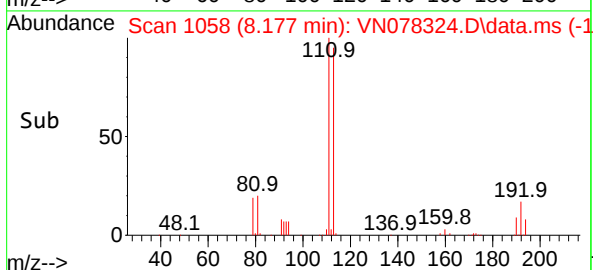
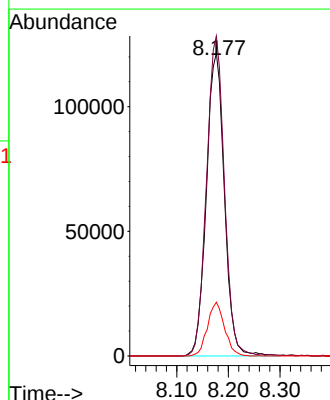
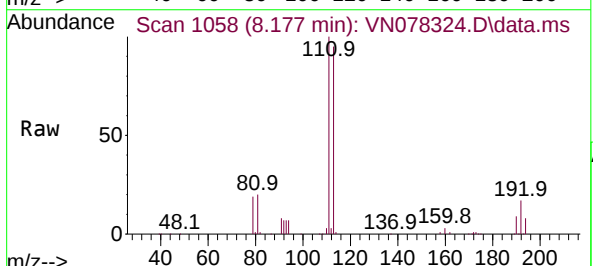
Tgt Ion:113 Resp: 294956

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 10.242 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078324.D

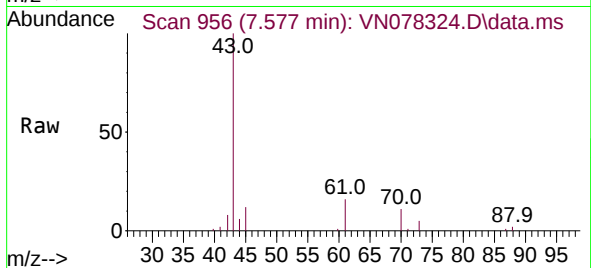
Acq: 21 Jun 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

PB153609TB



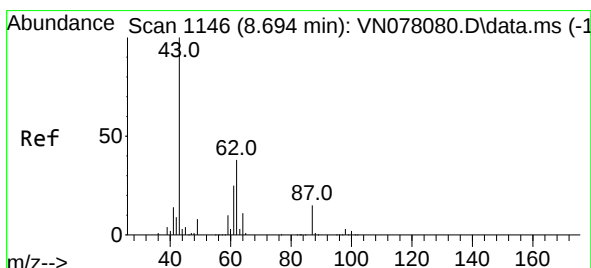
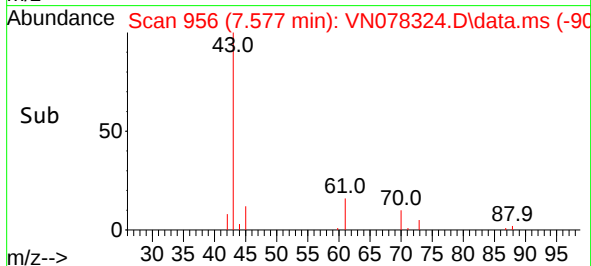
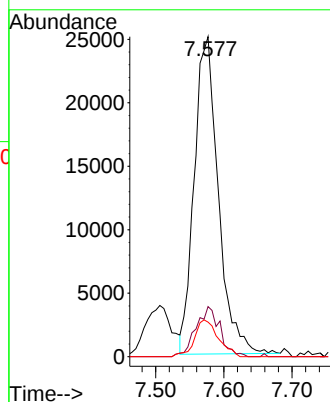
Tgt Ion: 43 Resp: 61278

Ion Ratio Lower Upper

43 100

61 15.7 13.2 19.8

70 11.4 11.3 16.9



#43

Isopropyl Acetate

Concen: 24.863 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078324.D

Acq: 21 Jun 2023 15:58

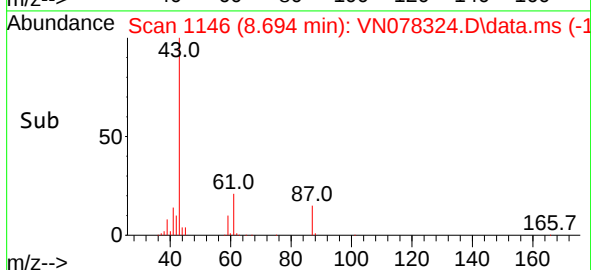
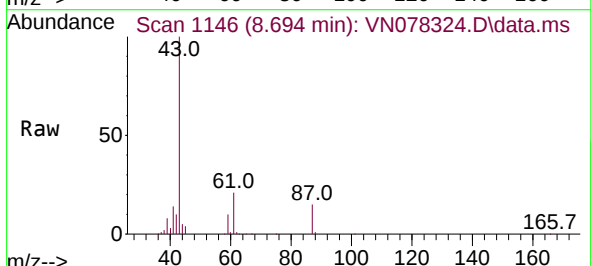
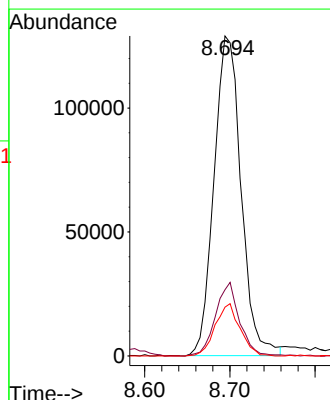
Tgt Ion: 43 Resp: 284482

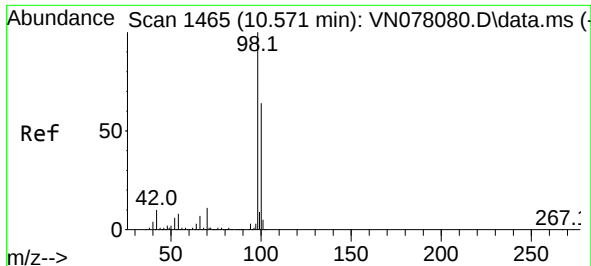
Ion Ratio Lower Upper

43 100

61 20.5 24.7 37.1#

87 15.0 14.6 21.8

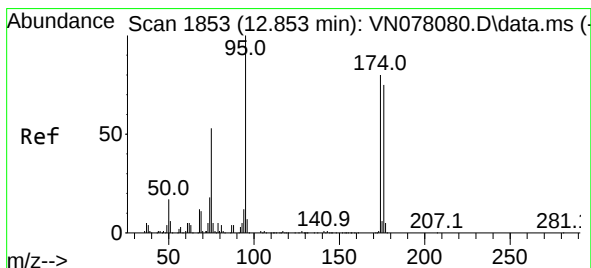
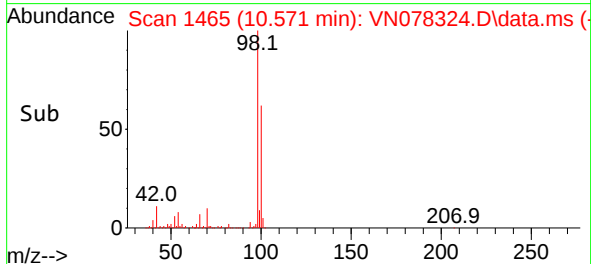
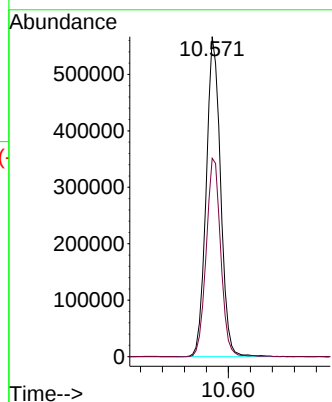
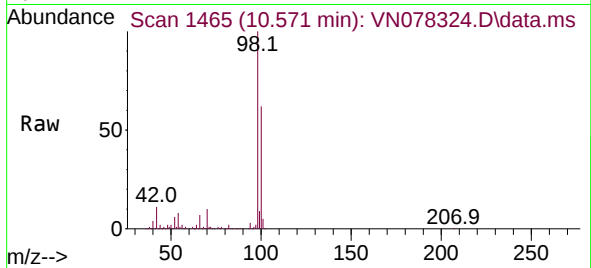




#50
Toluene-d8
Concen: 49.886 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

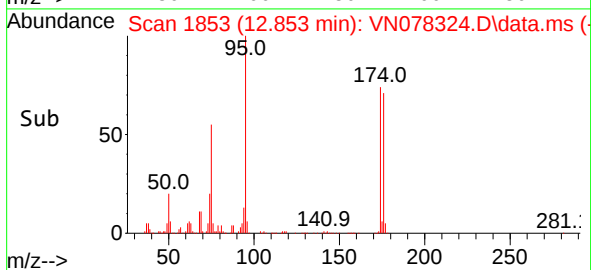
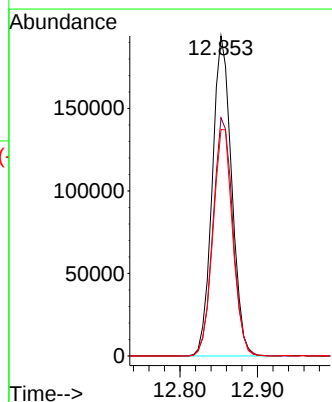
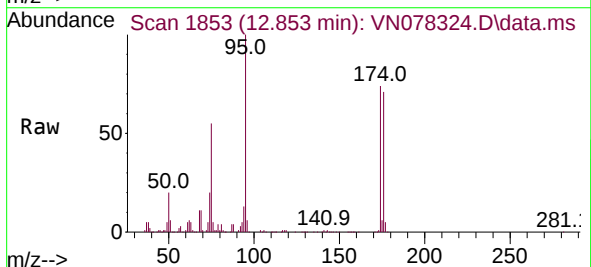
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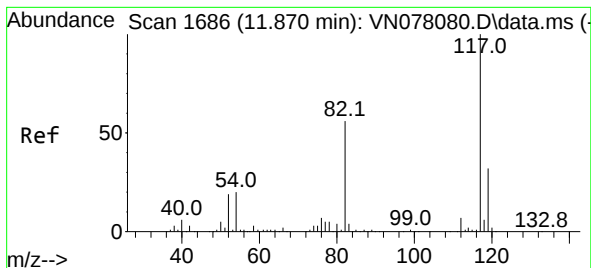
Tgt Ion: 98 Resp: 1026852
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.536 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

Tgt Ion: 95 Resp: 336176
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.4 0.0 135.8

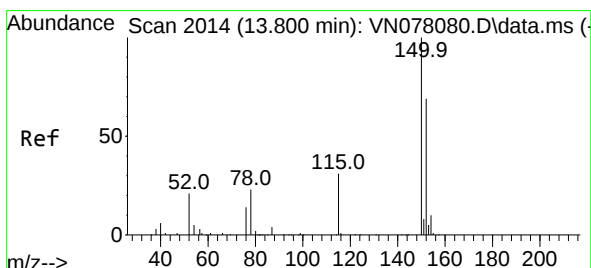
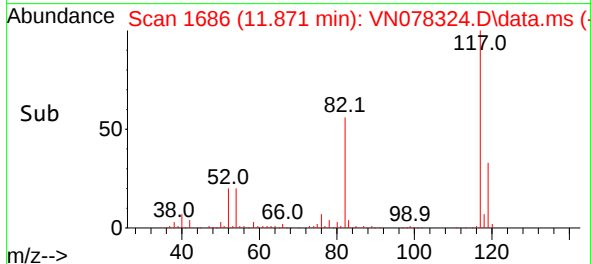
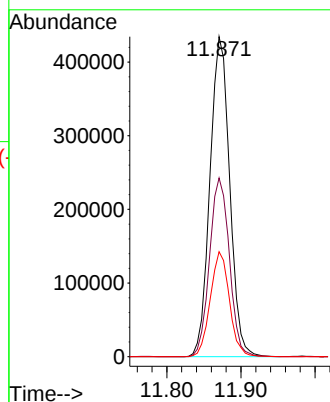
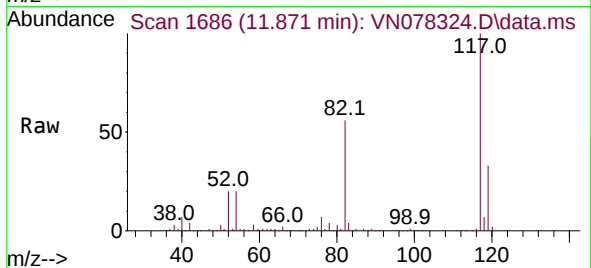




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078324.D
Acq: 21 Jun 2023 15:58

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 803236
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.8 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: VN078324.D
Acq: 21 Jun 2023 15:58

Tgt Ion:152 Resp: 262200
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 157.0 0.0 355.8

