

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078164.D
 Acq On : 12 Jun 2023 14:18
 Operator : JC\MD
 Sample : PB153344TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153344TB

Quant Time: Jun 13 01:32:19 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)

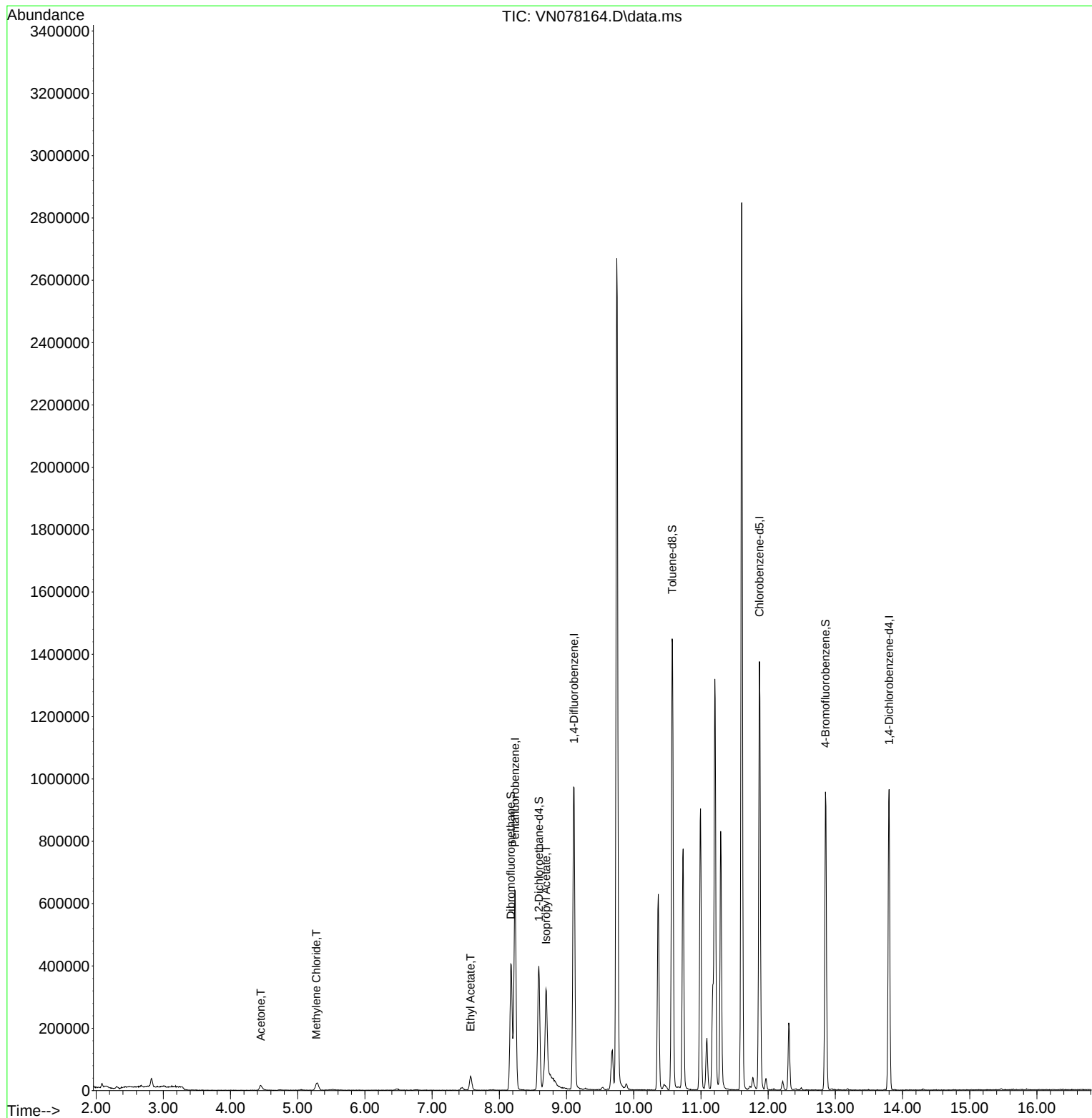
Internal Standards						
1) Pentafluorobenzene	8.236	168	460403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	872345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	811312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	260581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	331760	54.045	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.100%		
35) Dibromofluoromethane	8.171	113	291736	52.892	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.780%		
50) Toluene-d8	10.571	98	1064907	50.081	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	12.853	95	334143	50.548	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.100%		
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	29938	16.944	ug/l	99
20) Methylene Chloride	5.277	84	19481	3.336	ug/l #	80
37) Ethyl Acetate	7.571	43	64580	10.449	ug/l #	89
43) Isopropyl Acetate	8.694	43	404239	34.199	ug/l #	78

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

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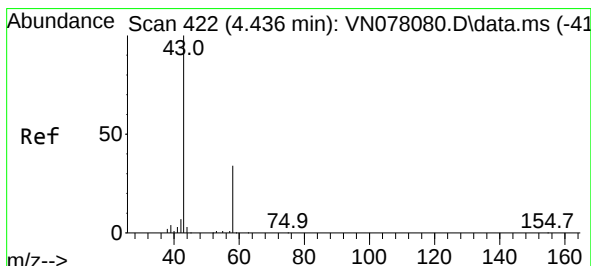
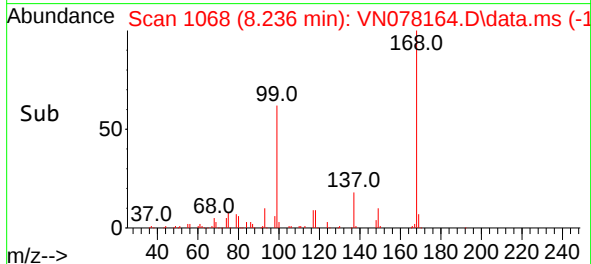
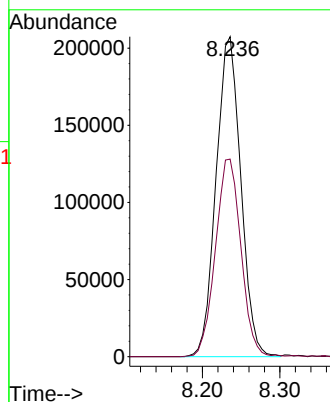
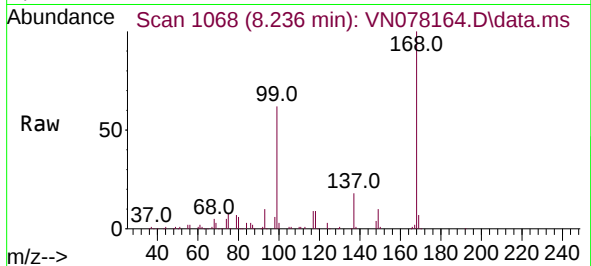




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

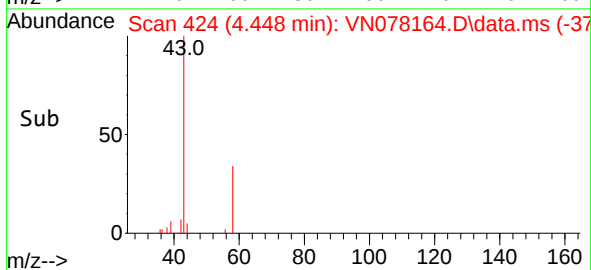
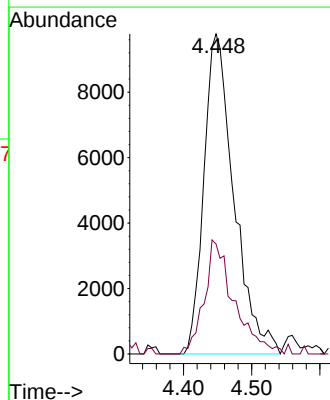
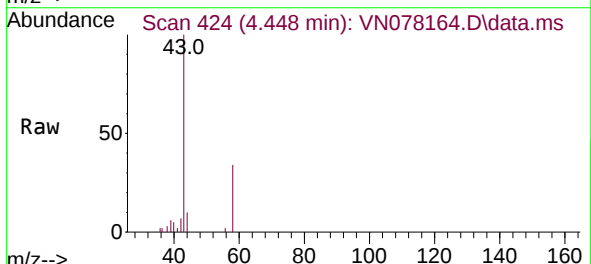
Instrument :
MSVOA_N
ClientSampleId :
PB153344TB

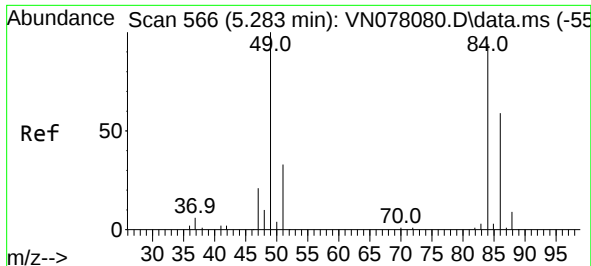
Tgt Ion:168 Resp: 460403
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 16.944 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

Tgt Ion: 43 Resp: 29938
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0

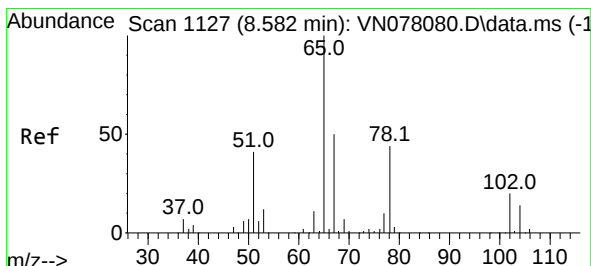
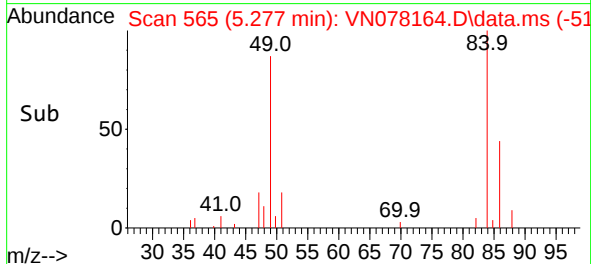
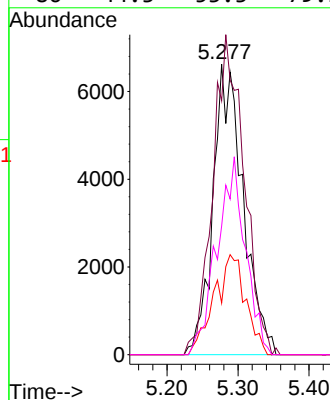
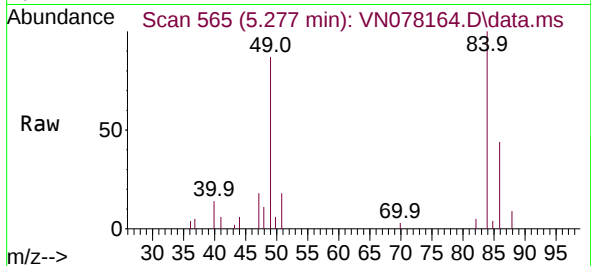




#20
Methylene Chloride
Concen: 3.336 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

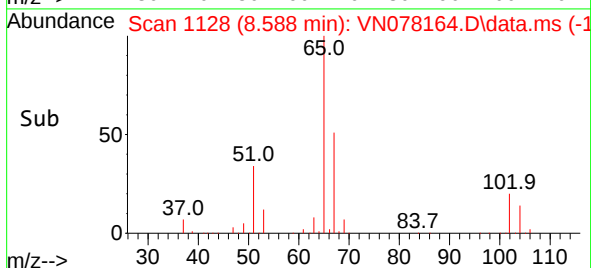
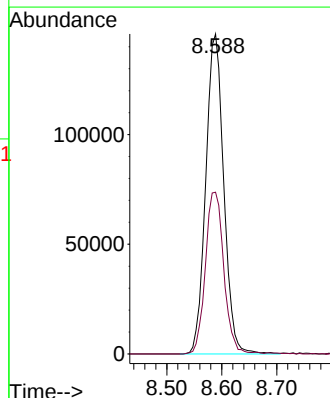
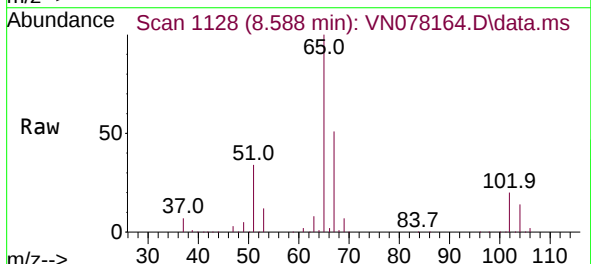
Instrument :
MSVOA_N
ClientSampleId :
PB153344TB

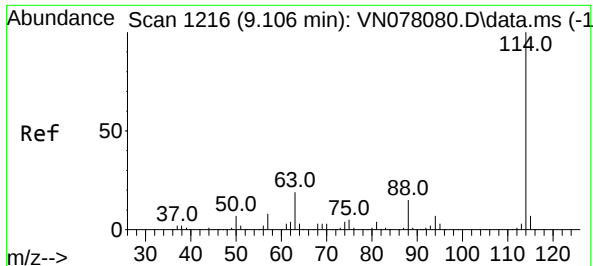
Tgt Ion:	84	Resp:	19481
Ion	Ratio	Lower	Upper
84	100		
49	87.4	79.7	119.5
51	17.8	25.2	37.8#
86	44.3	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 54.045 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

Tgt Ion:	65	Resp:	331760
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078164.D

Acq: 12 Jun 2023 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB153344TB

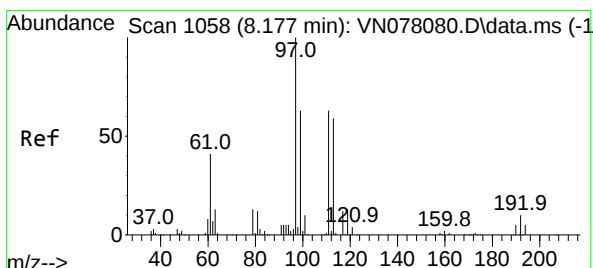
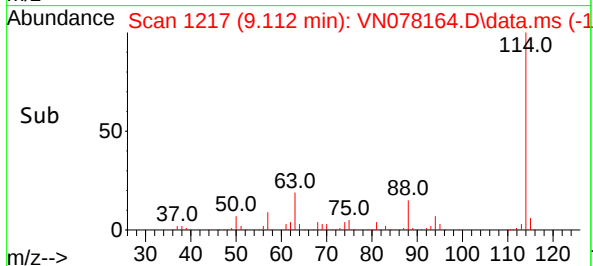
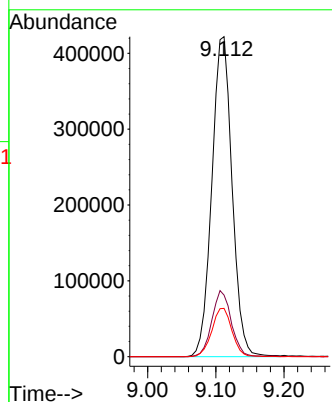
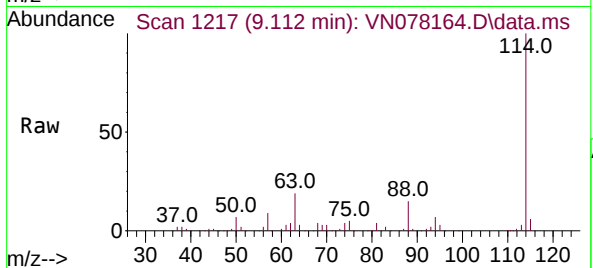
Tgt Ion:114 Resp: 872345

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.892 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078164.D

Acq: 12 Jun 2023 14:18

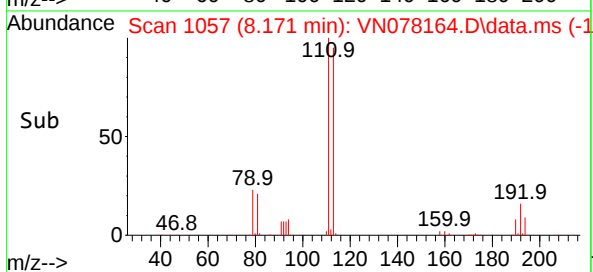
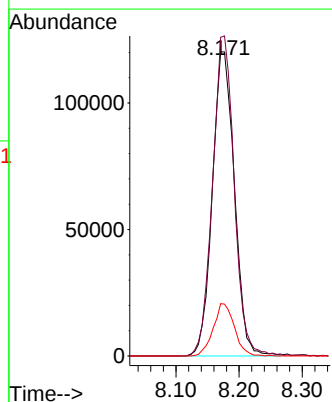
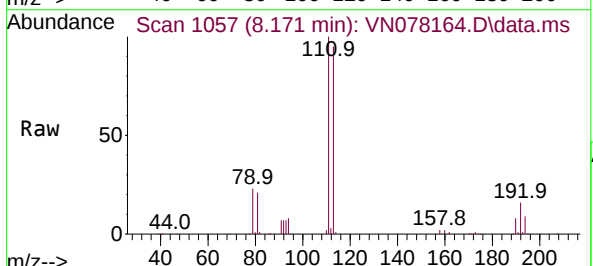
Tgt Ion:113 Resp: 291736

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.5 12.7 19.1

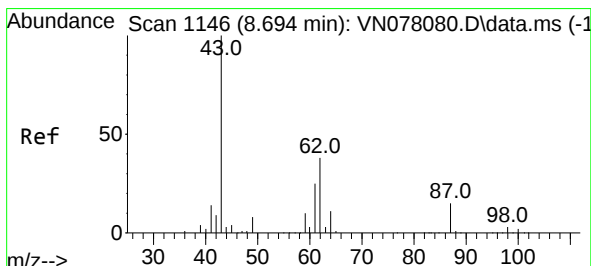
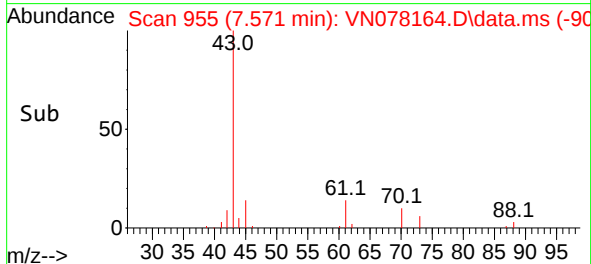
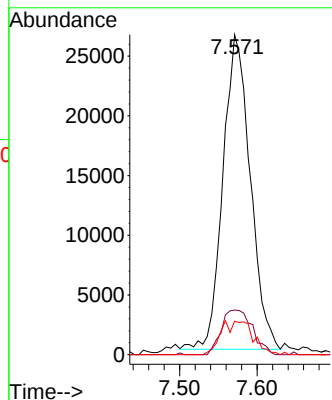
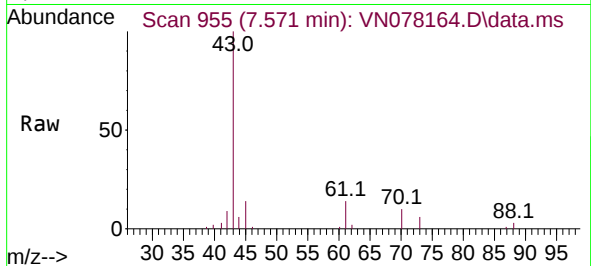




#37
Ethyl Acetate
Concen: 10.449 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

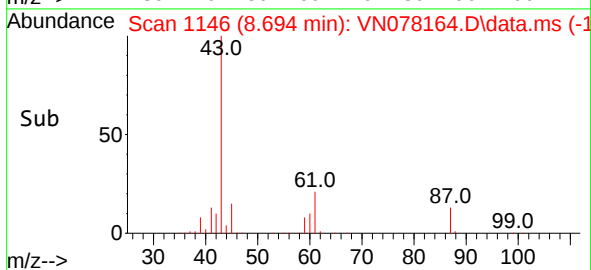
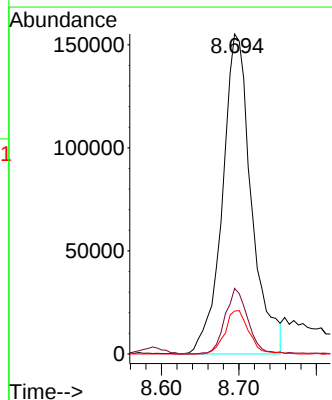
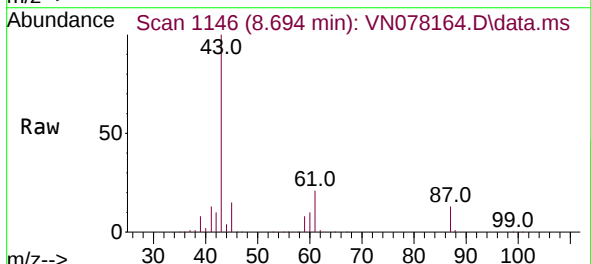
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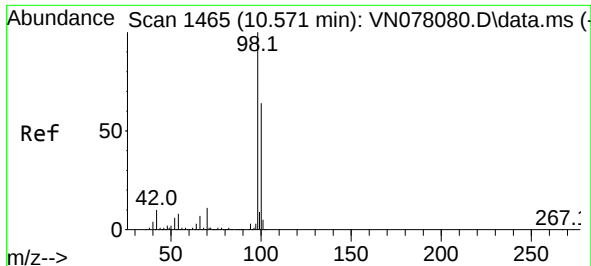
Tgt Ion: 43 Resp: 64580
Ion Ratio Lower Upper
43 100
61 16.1 13.2 19.8
70 4.6 11.3 16.9#



#43
Isopropyl Acetate
Concen: 34.199 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

Tgt Ion: 43 Resp: 404239
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.2 14.6 21.8#

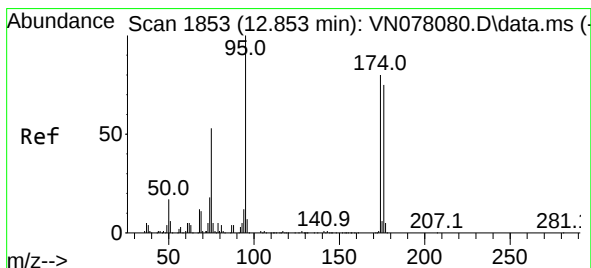
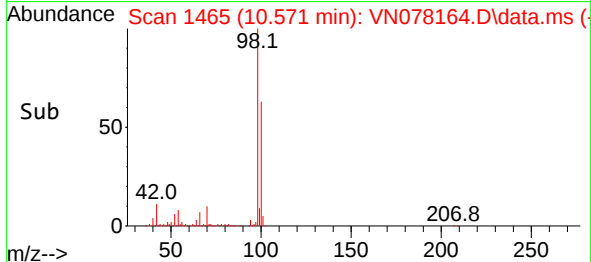
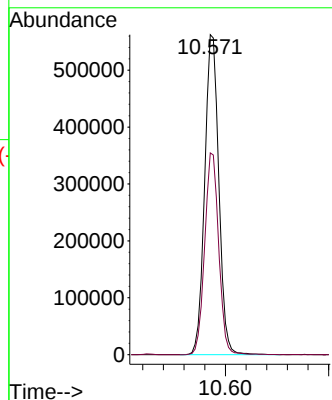
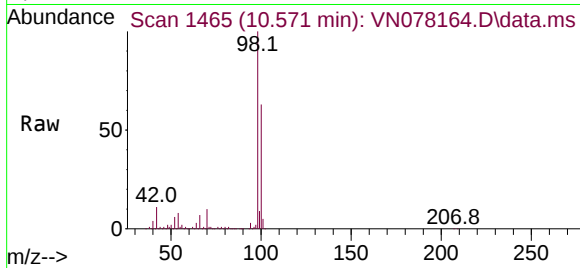




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

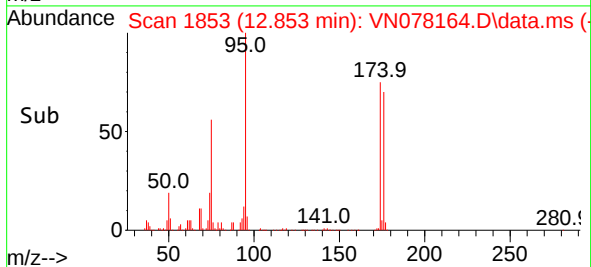
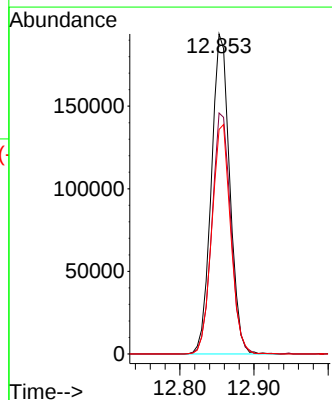
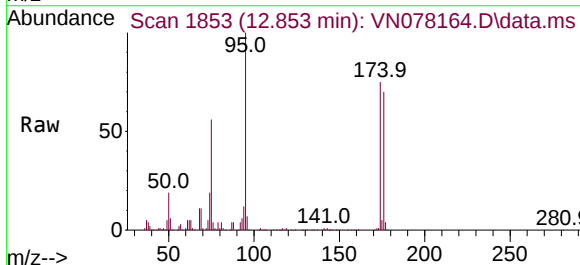
Instrument :
MSVOA_N
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PB153344TB

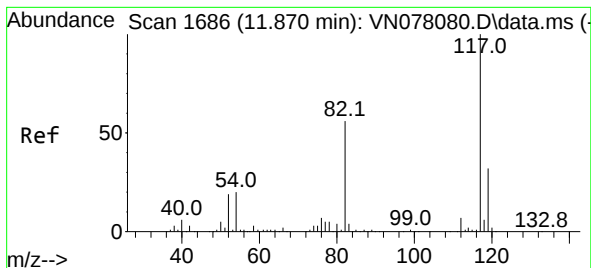
Tgt Ion: 98 Resp: 1064907
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078164.D
Acq: 12 Jun 2023 14:18

Tgt Ion: 95 Resp: 334143
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.4 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: VN078164.D

Acq: 12 Jun 2023 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB153344TB

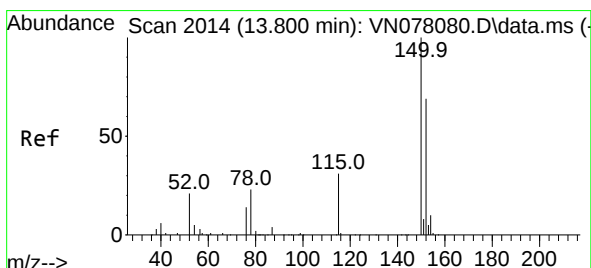
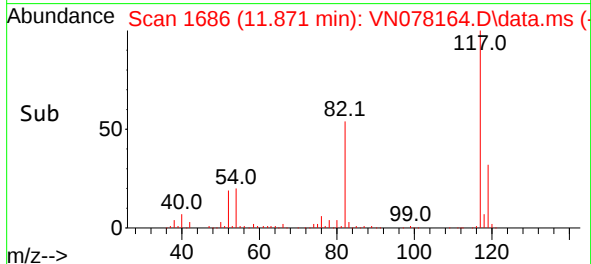
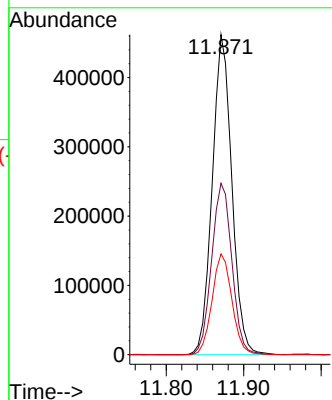
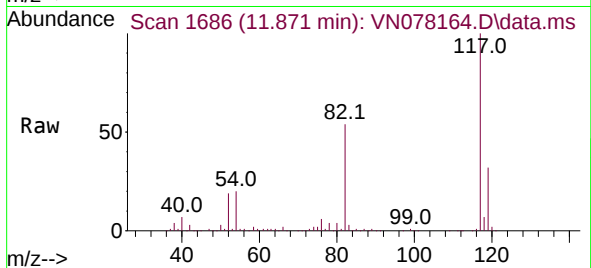
Tgt Ion:117 Resp: 811312

Ion Ratio Lower Upper

117 100

82 53.6 44.0 66.0

119 31.5 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: VN078164.D

Acq: 12 Jun 2023 14:18

Tgt Ion:152 Resp: 260581

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 156.5 0.0 355.8

