

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079121.D
 Acq On : 01 Sep 2023 14:34
 Operator : JC\MD
 Sample : PB155232TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155232TB

Quant Time: Sep 01 23:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

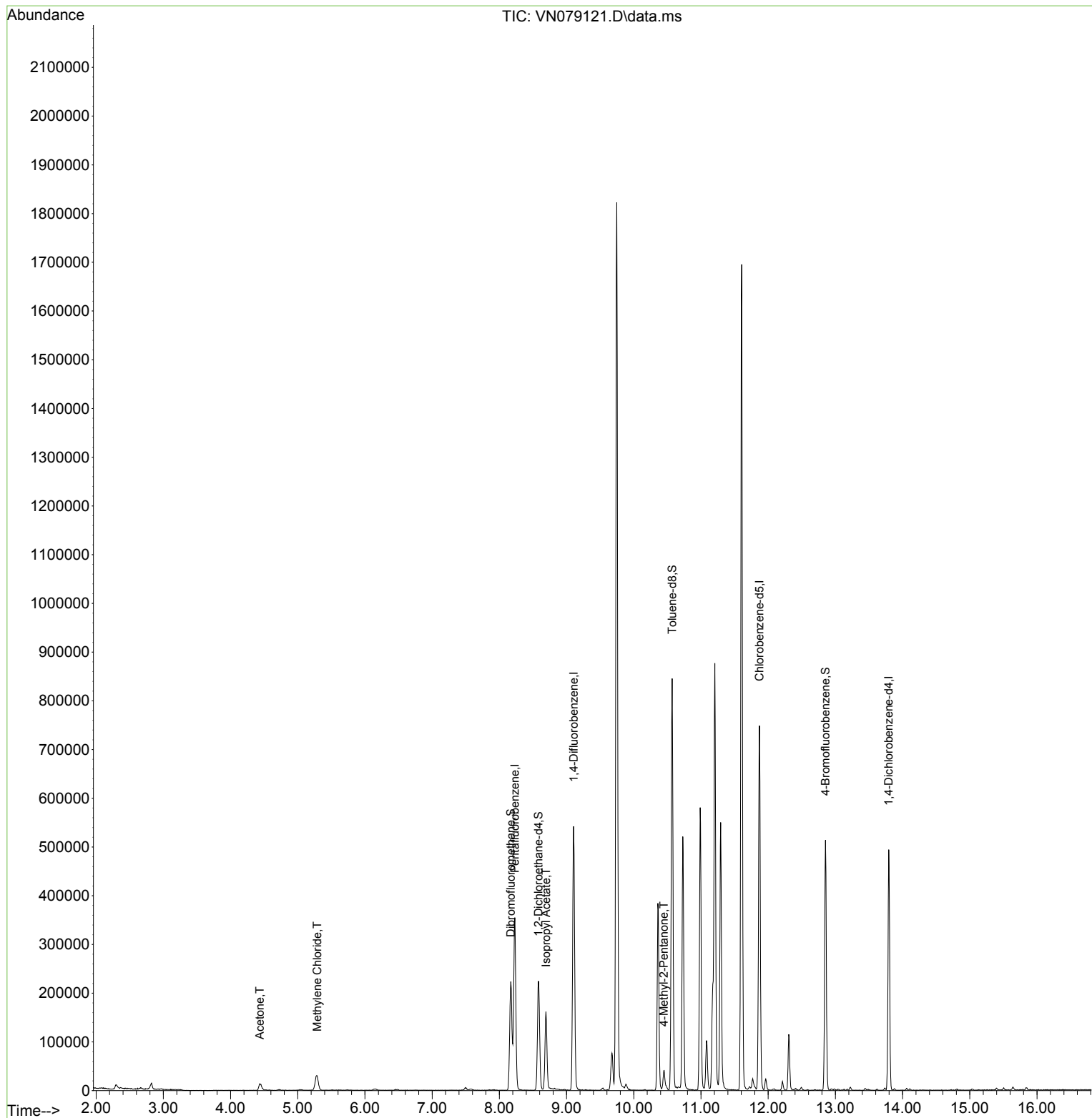
Internal Standards						
1) Pentafluorobenzene	8.230	168	258530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	449158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185270	46.053	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.171	113	165757	51.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	10.571	98	588840	49.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.853	95	185902	47.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	28424	17.124	ug/l	90
20) Methylene Chloride	5.289	84	25115	7.100	ug/l #	91
43) Isopropyl Acetate	8.694	43	181137	18.941	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	33755	5.951	ug/l #	82

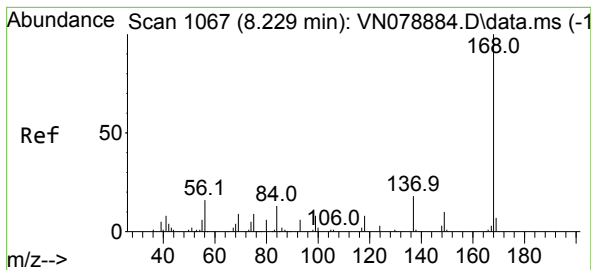
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079121.D

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MSVOA_N

ClientSampleId :

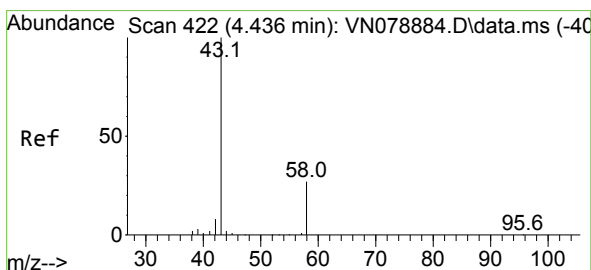
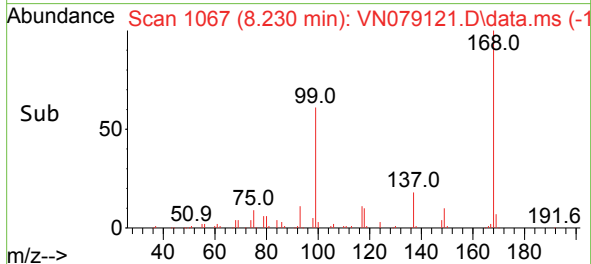
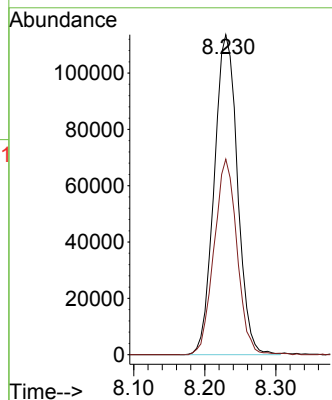
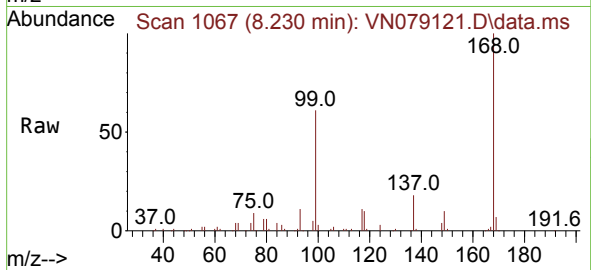
PB155232TB

Tgt Ion:168 Resp: 258530

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



#16

Acetone

Concen: 17.124 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079121.D

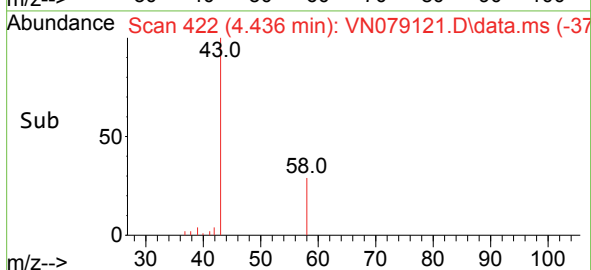
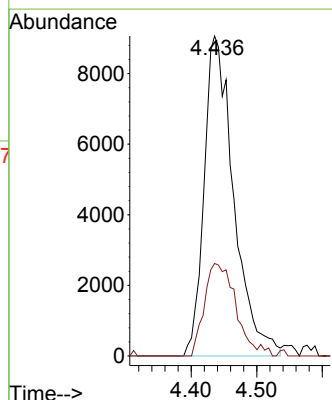
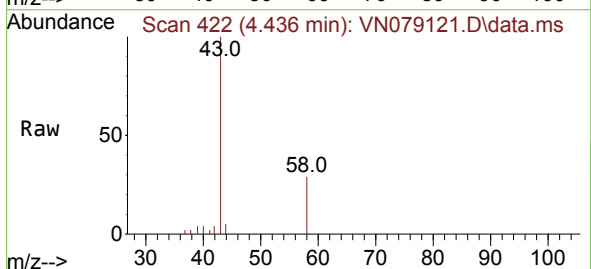
Acq: 01 Sep 2023 14:34

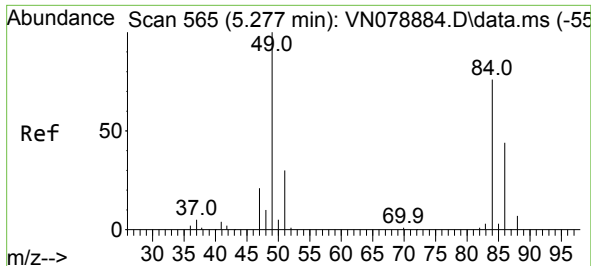
Tgt Ion: 43 Resp: 28424

Ion Ratio Lower Upper

43 100

58 28.9 28.0 42.0

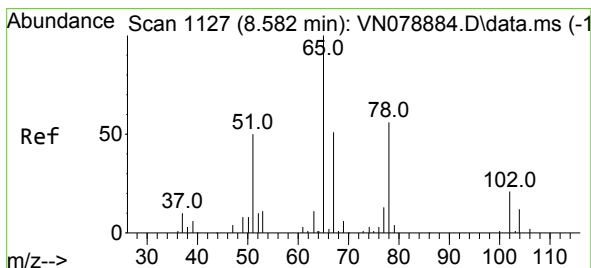
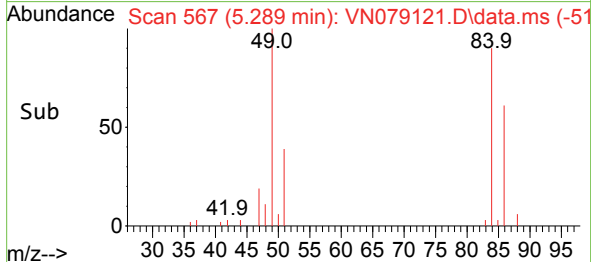
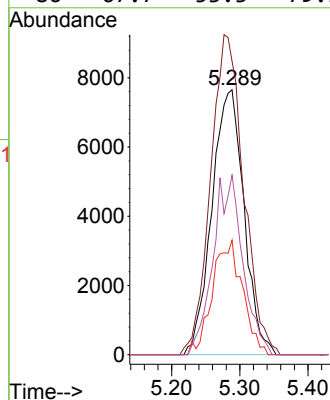
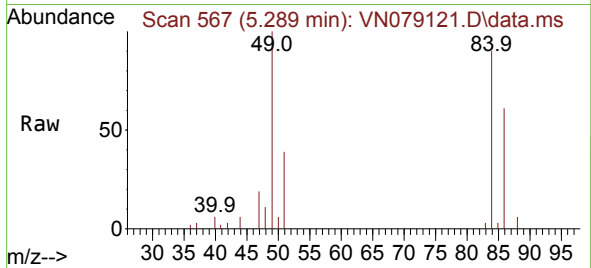




#20
Methylene Chloride
Concen: 7.100 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

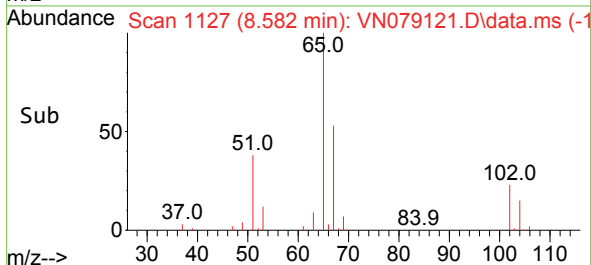
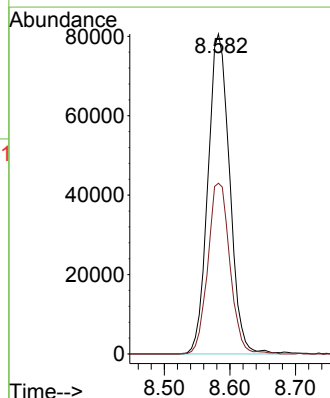
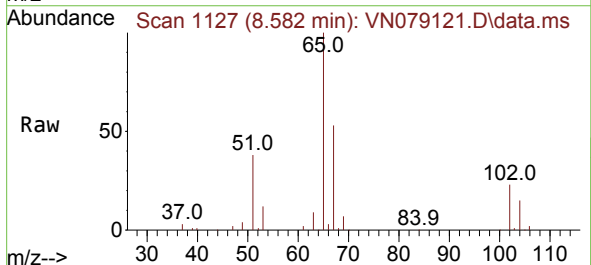
Instrument :
MSVOA_N
ClientSampleId :
PB155232TB

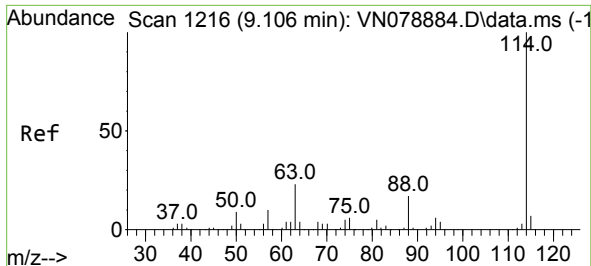
Tgt Ion:	84	Resp:	25115
Ion	Ratio	Lower	Upper
84	100		
49	110.8	79.7	119.5
51	43.2	25.2	37.8#
86	67.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.053 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion:	65	Resp:	185270
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

PB155232TB

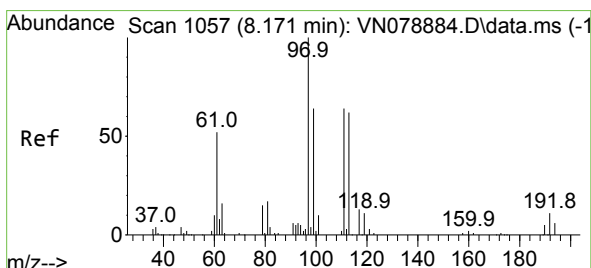
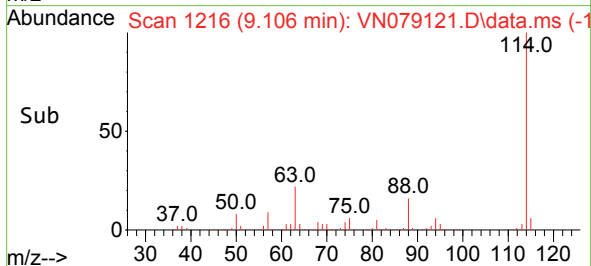
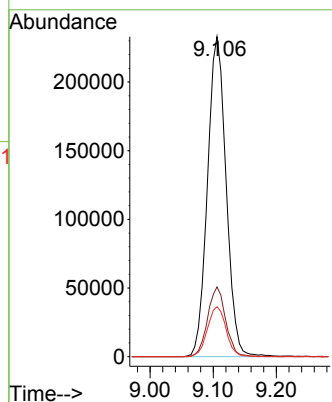
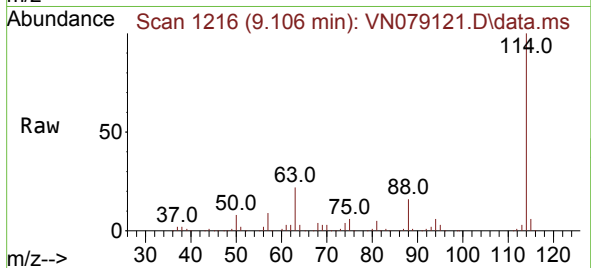
Tgt Ion:114 Resp: 477576

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.561 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

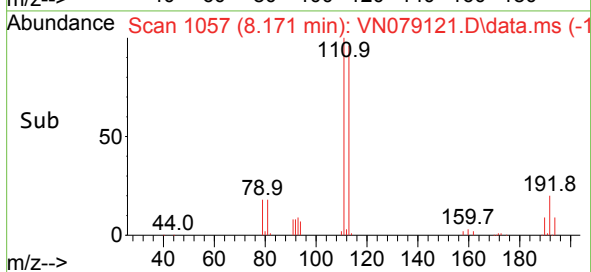
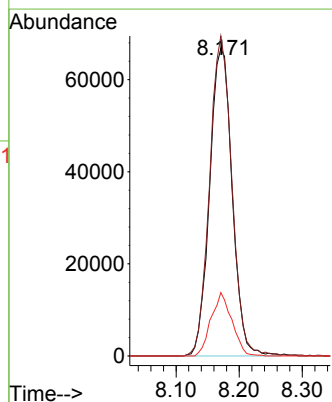
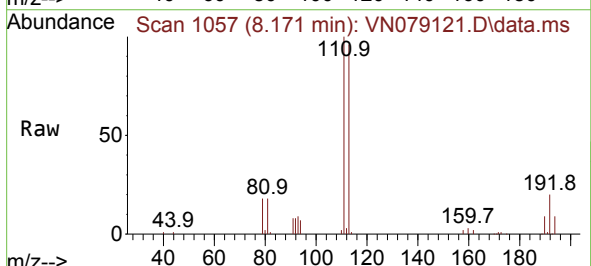
Tgt Ion:113 Resp: 165757

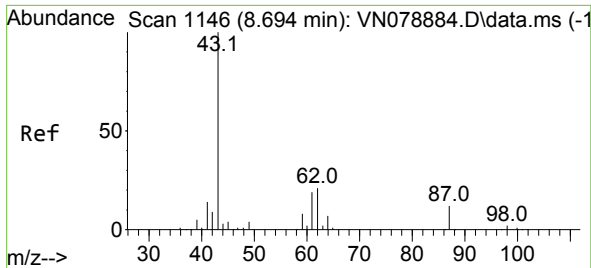
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 19.1 12.7 19.1

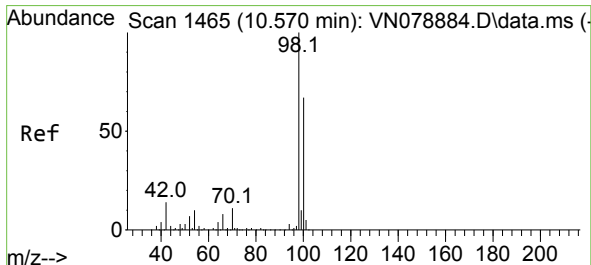
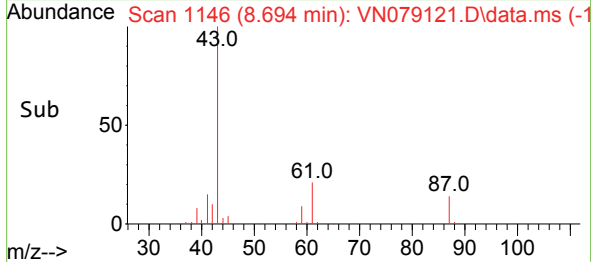
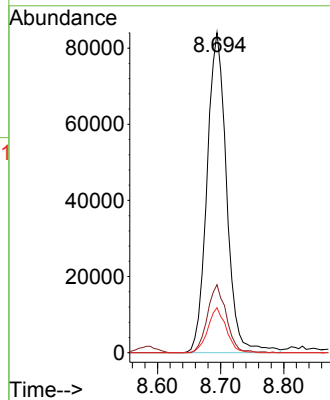
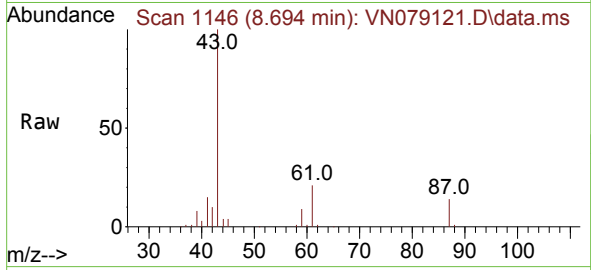




#43
Isopropyl Acetate
Concen: 18.941 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

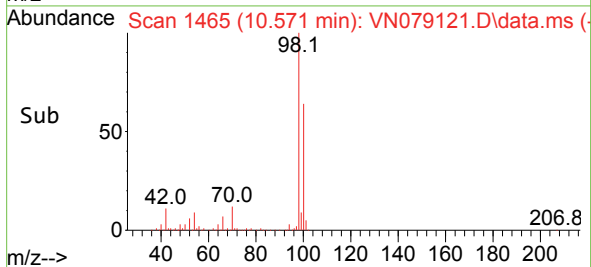
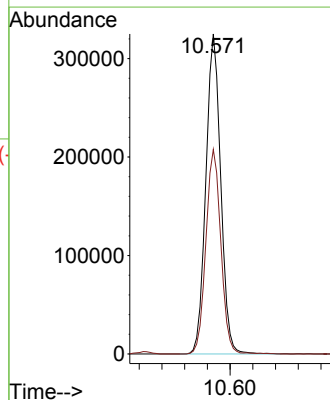
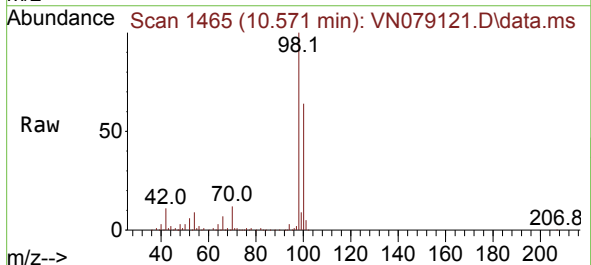
Instrument :
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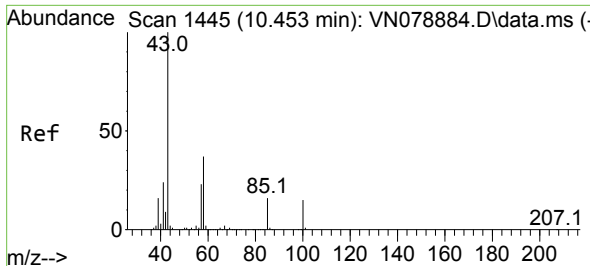
Tgt Ion: 43 Resp: 181137
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 13.2 14.6 21.8#



#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 98 Resp: 588840
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

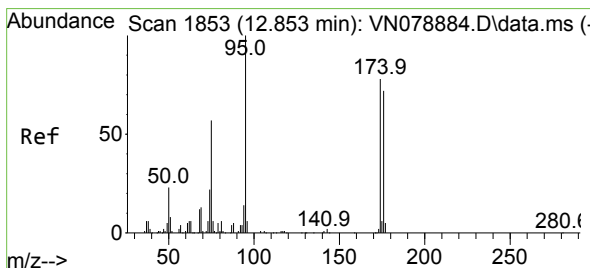
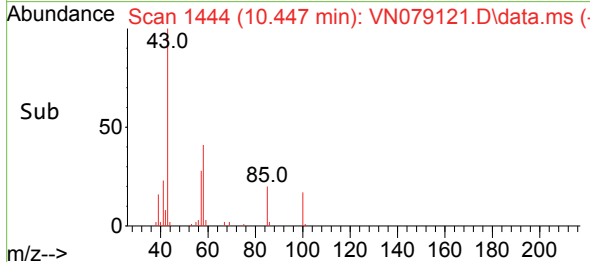
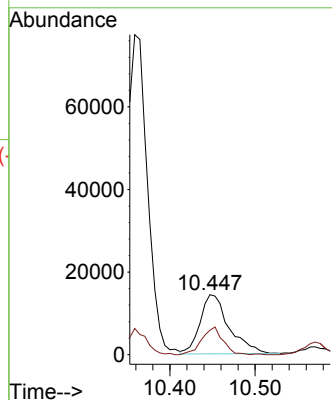
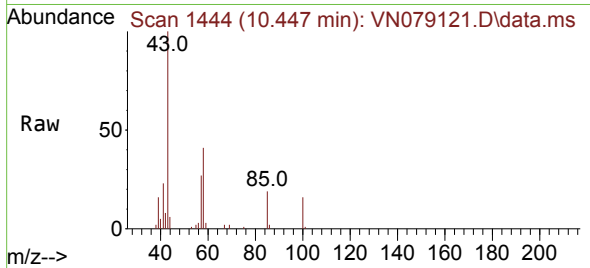




#51
4-Methyl-2-Pentanone
Concen: 5.951 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

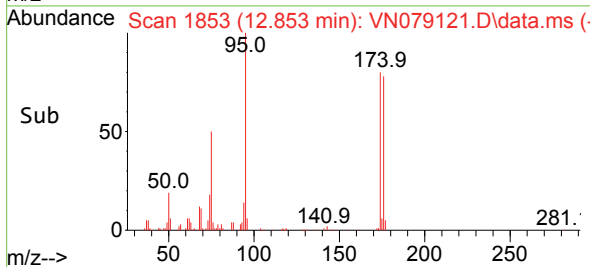
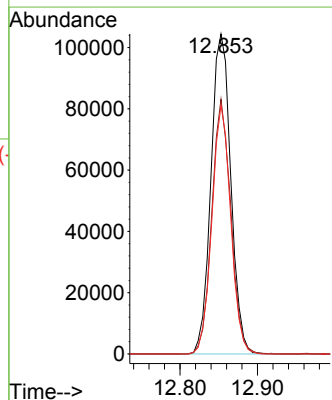
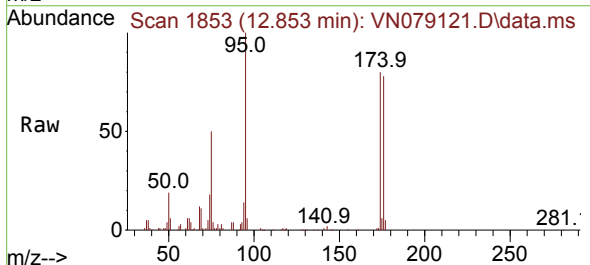
Instrument :
MSVOA_N
ClientSampleId :
PB155232TB

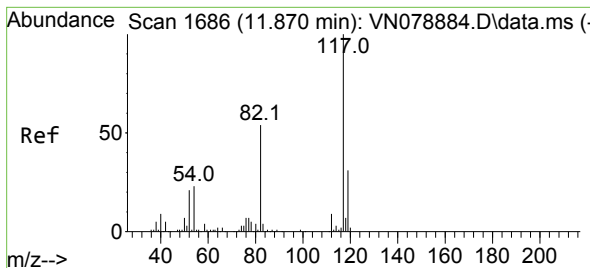
Tgt Ion: 43 Resp: 33755
Ion Ratio Lower Upper
43 100
58 33.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 95 Resp: 185902
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

PB155232TB

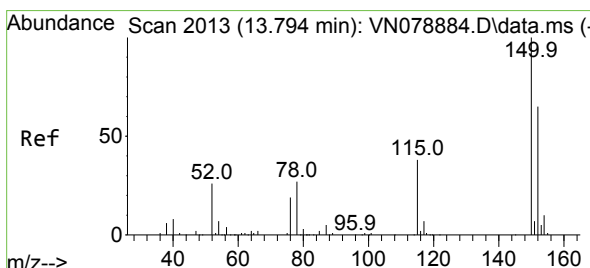
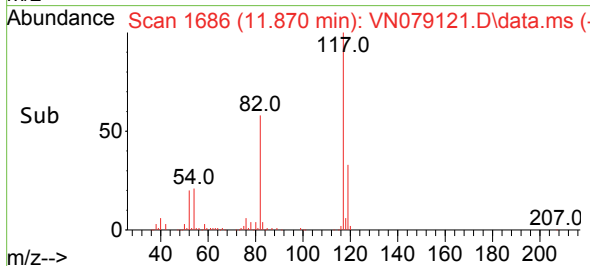
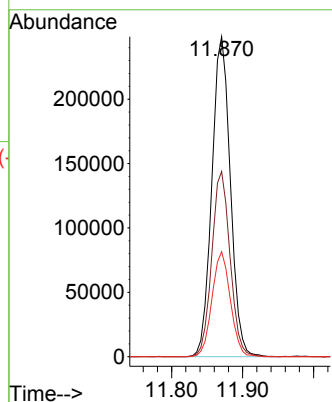
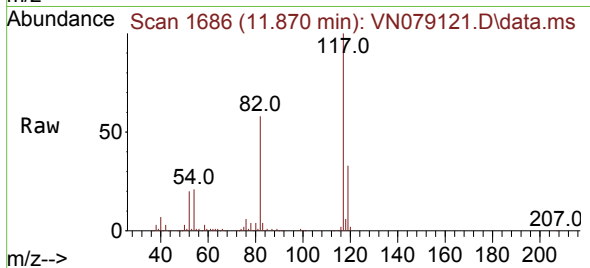
Tgt Ion:117 Resp: 449158

Ion Ratio Lower Upper

117 100

82 57.9 44.0 66.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Tgt Ion:152 Resp: 133529

Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 159.2 0.0 355.8

