

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079138.D
 Acq On : 02 Sep 2023 13:11
 Operator : JC\MD
 Sample : PB155301TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301TB

Quant Time: Sep 04 01:02:17 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)

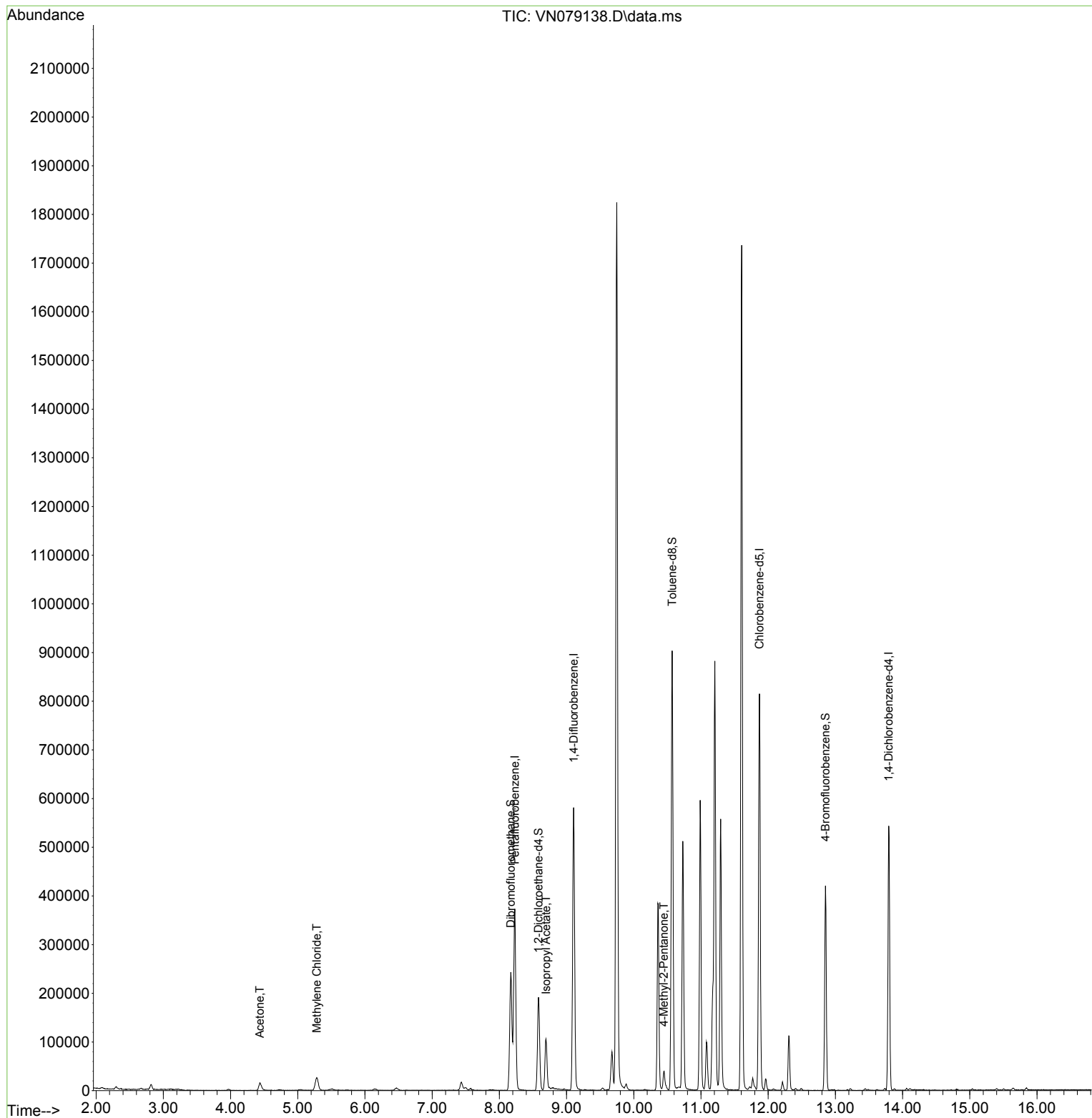
Internal Standards						
1) Pentafluorobenzene	8.230	168	277068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	157654	36.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.140%#
35) Dibromofluoromethane	8.171	113	176083	51.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	10.571	98	633824	49.780	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.853	95	140908	33.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	67.720%#
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29132	16.376	ug/l	91
20) Methylene Chloride	5.283	84	21285	5.615	ug/l #	88
43) Isopropyl Acetate	8.694	43	124571	12.212	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	33204	5.488	ug/l #	79

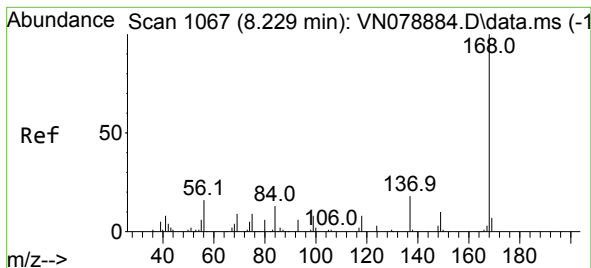
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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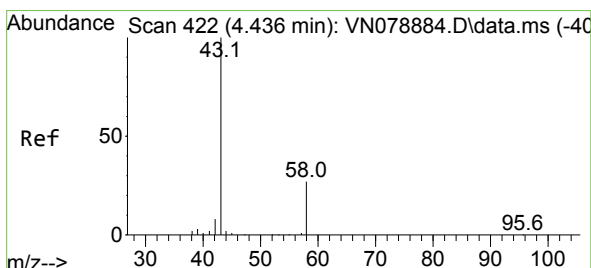
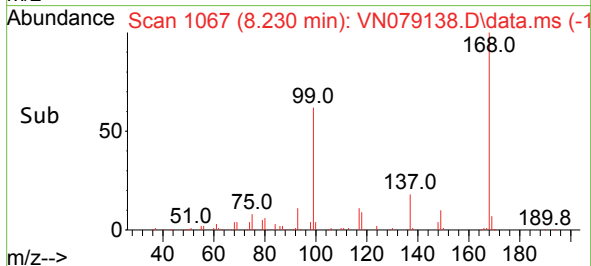
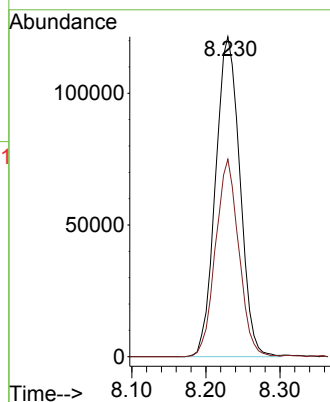
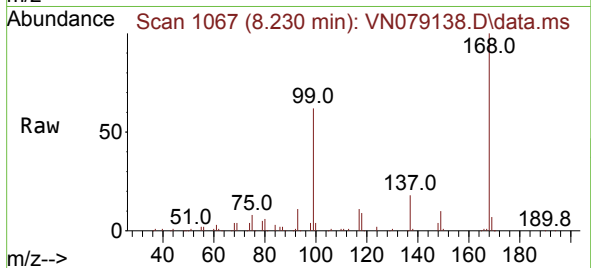




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

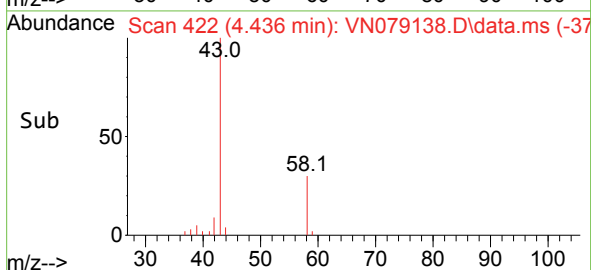
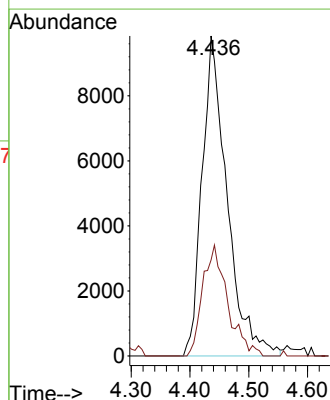
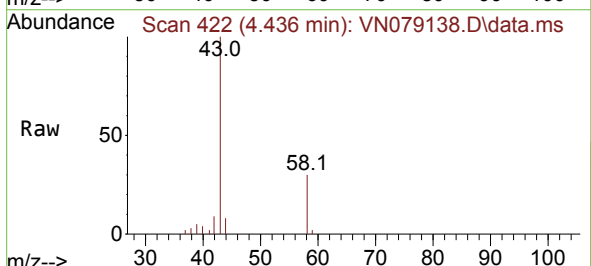
Instrument :
MSVOA_N
ClientSampleId :
PB155301TB

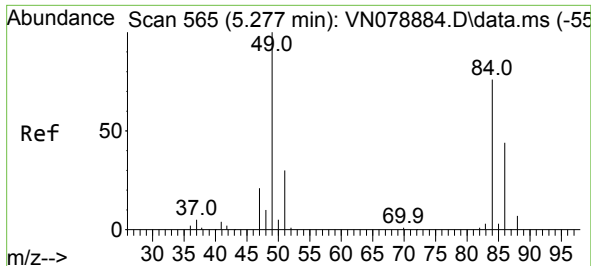
Tgt Ion:168 Resp: 277068
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 16.376 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

Tgt Ion: 43 Resp: 29132
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

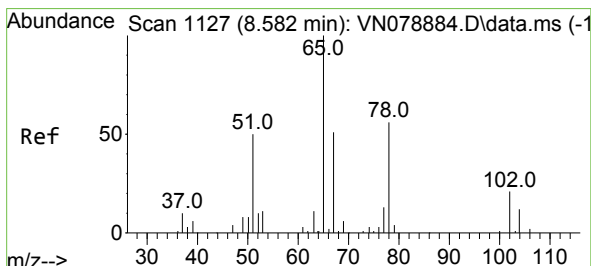
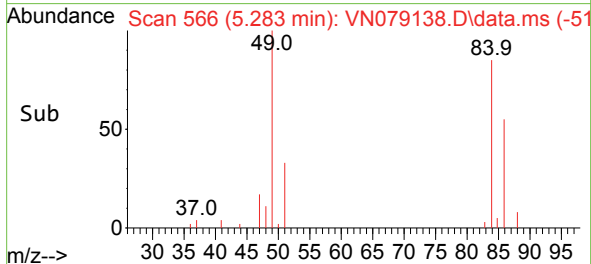
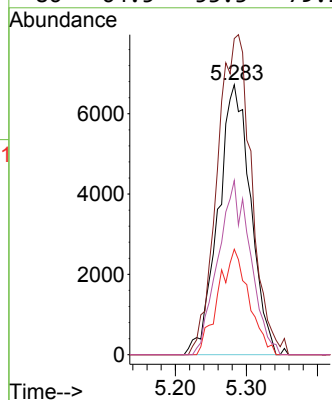
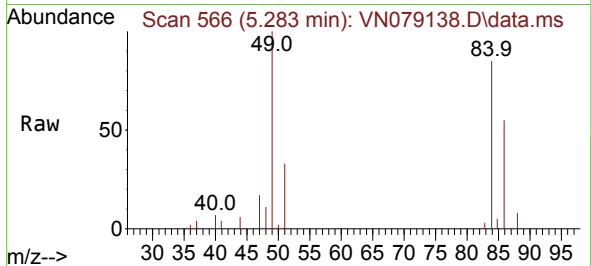




#20
Methylene Chloride
Concen: 5.615 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

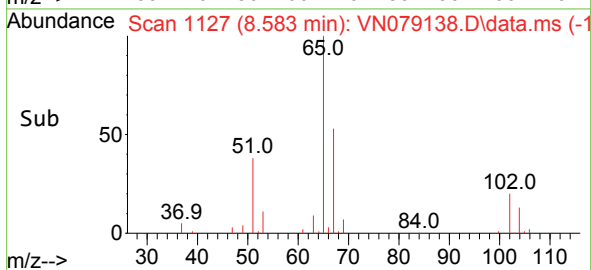
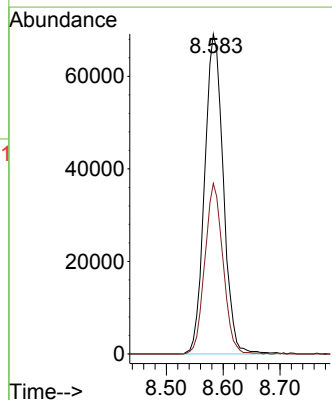
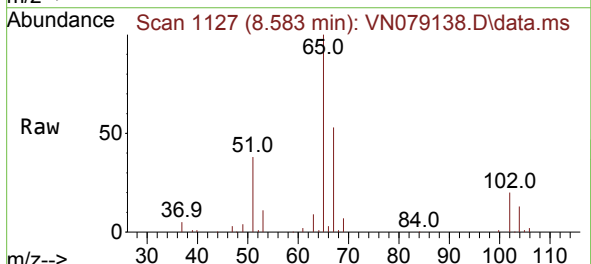
Instrument :
MSVOA_N
ClientSampleId :
PB155301TB

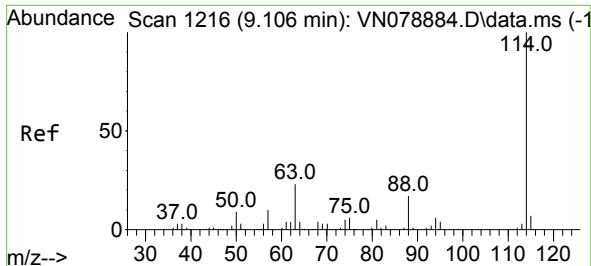
Tgt Ion: 84	Resp: 21285
Ion Ratio	Lower Upper
84	100
49	117.1 79.7 119.5
51	39.1 25.2 37.8#
86	64.5 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 36.567 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

Tgt Ion: 65	Resp: 157654
Ion Ratio	Lower Upper
65	100
67	51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079138.D

Acq: 02 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

PB155301TB

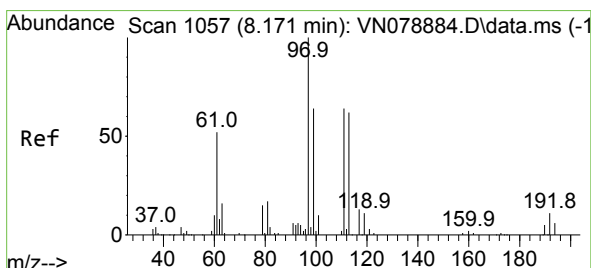
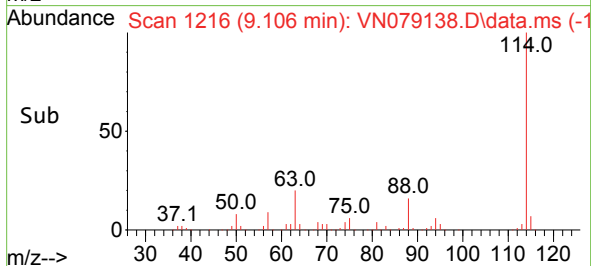
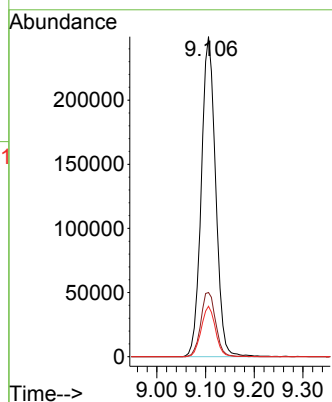
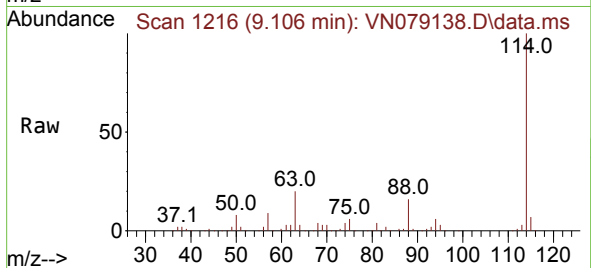
Tgt Ion:114 Resp: 509411

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079138.D

Acq: 02 Sep 2023 13:11

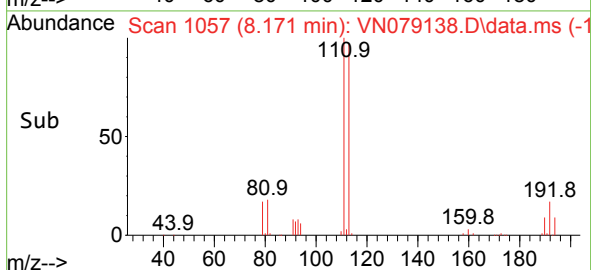
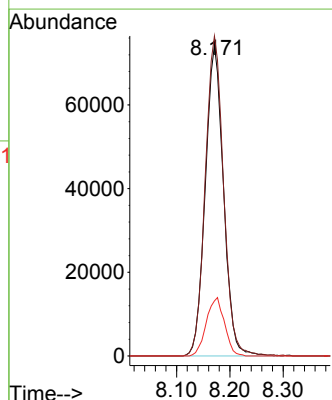
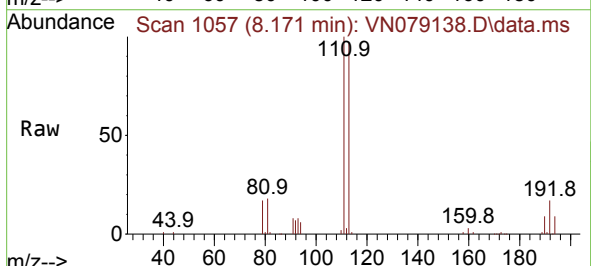
Tgt Ion:113 Resp: 176083

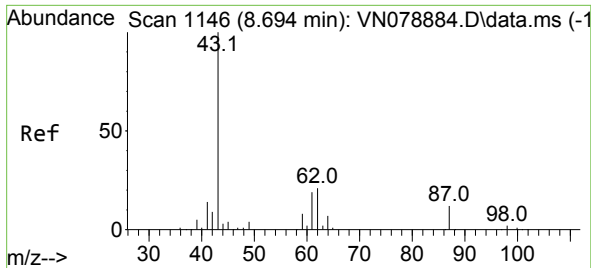
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 18.7 12.7 19.1

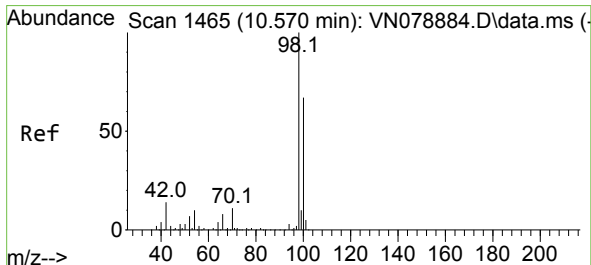
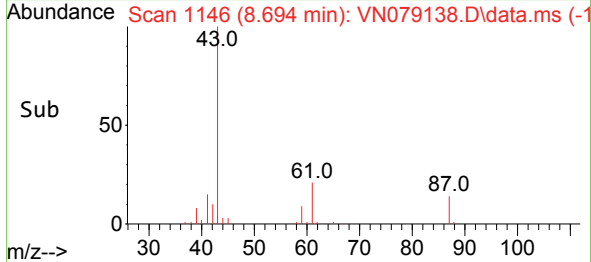
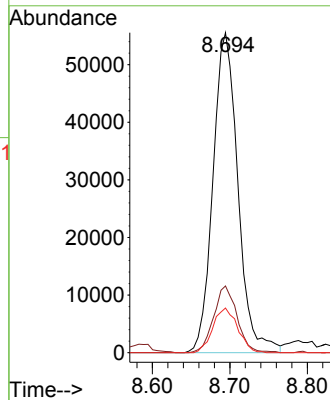
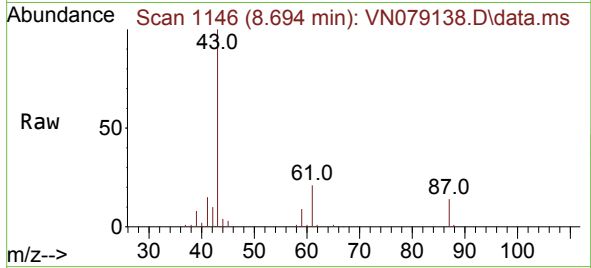




#43
Isopropyl Acetate
Concen: 12.212 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

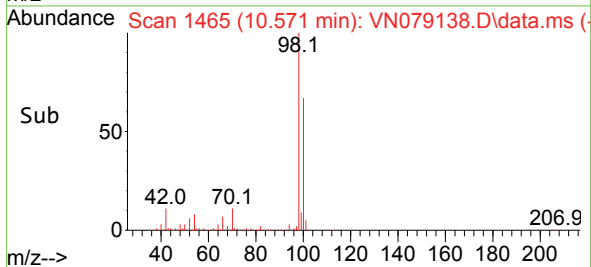
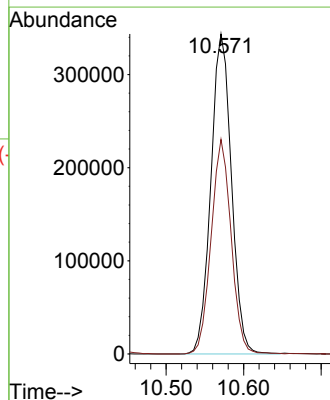
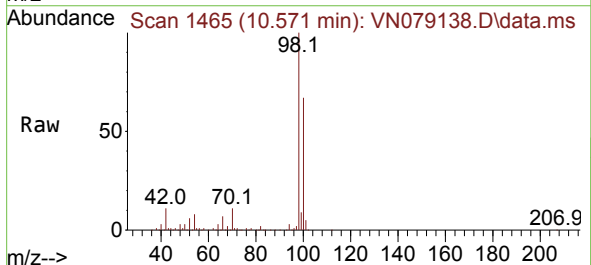
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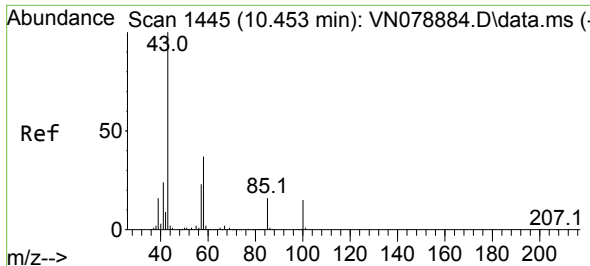
Tgt Ion: 43 Resp: 124571
Ion Ratio Lower Upper
43 100
61 19.6 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 49.780 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

Tgt Ion: 98 Resp: 633824
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

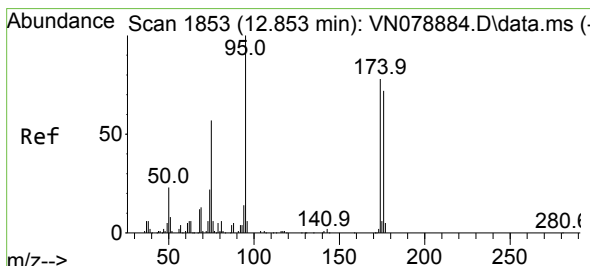
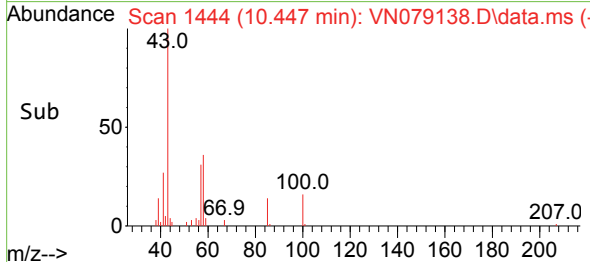
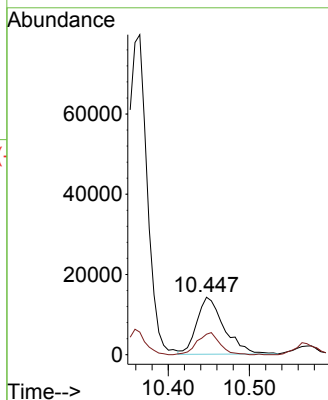
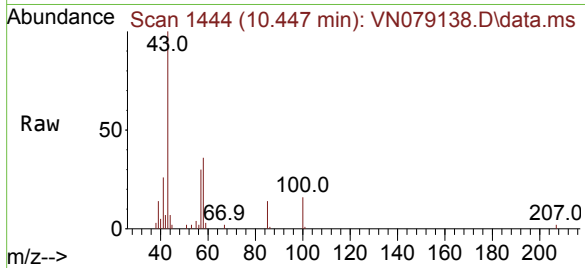




#51
4-Methyl-2-Pentanone
Concen: 5.488 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

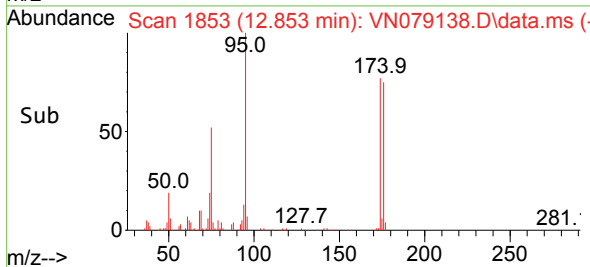
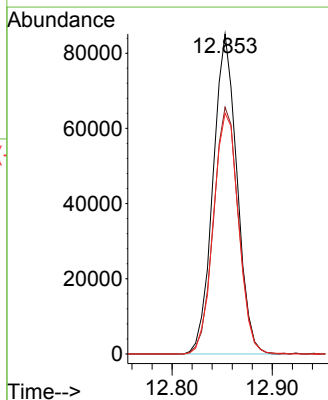
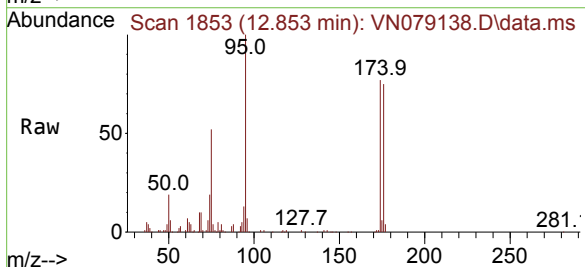
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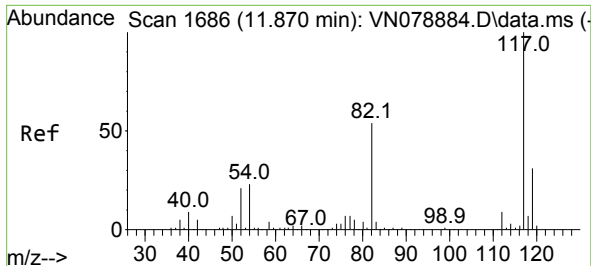
Tgt Ion: 43 Resp: 33204
Ion Ratio Lower Upper
43 100
58 32.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 33.858 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

Tgt Ion: 95 Resp: 140908
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.8
176 79.2 0.0 135.8

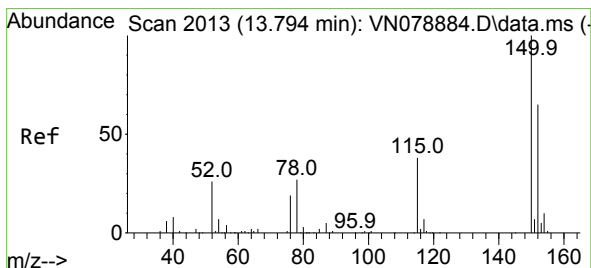
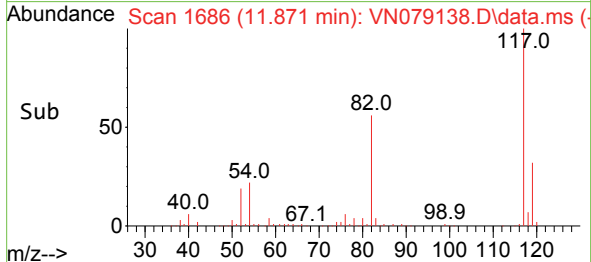
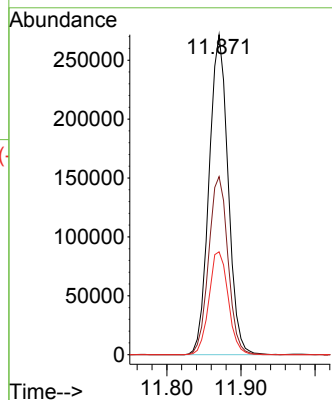
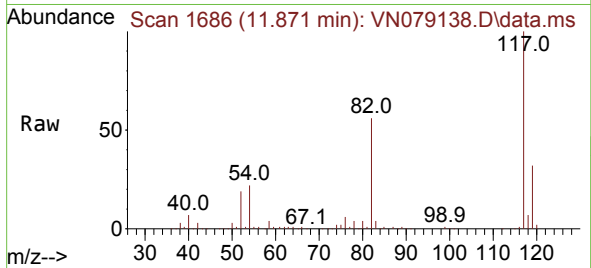




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079138.D
Acq: 02 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 483766
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.1 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: VN079138.D
Acq: 02 Sep 2023 13:11

Tgt Ion:152 Resp: 147584
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 162.8 0.0 355.8

