

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079151.D
 Acq On : 02 Sep 2023 18:23
 Operator : JC\MD
 Sample : 04256-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-6

Quant Time: Sep 04 01:08:14 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)

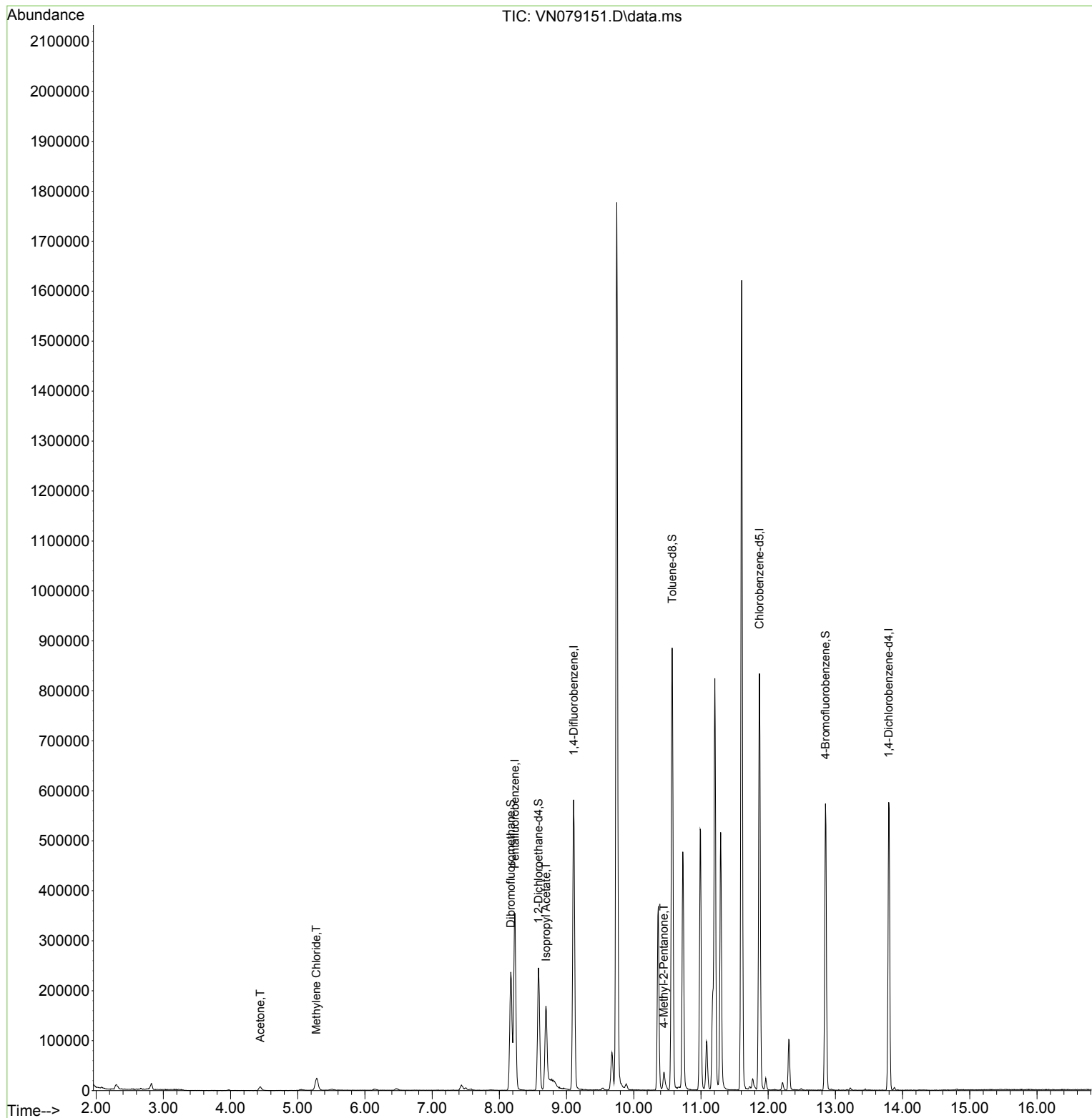
Internal Standards						
1) Pentafluorobenzene	8.230	168	263704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199155	48.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.060%
35) Dibromofluoromethane	8.171	113	174523	51.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.460%
50) Toluene-d8	10.571	98	629719	49.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.853	95	206524	49.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.900%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	14517	8.574	ug/l #	85
20) Methylene Chloride	5.277	84	20104	5.572	ug/l	91
43) Isopropyl Acetate	8.694	43	209572	20.680	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	30706	5.109	ug/l #	81

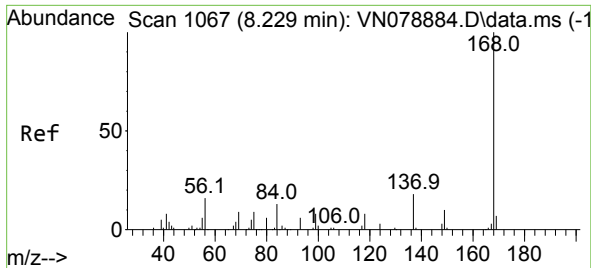
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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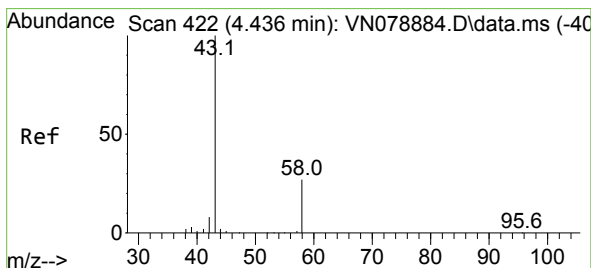
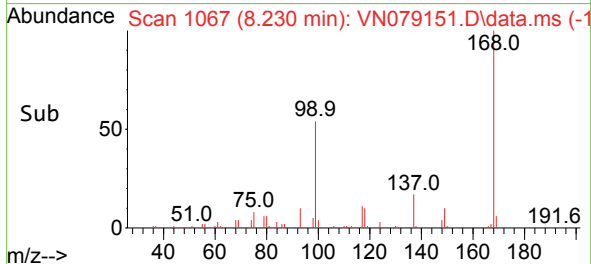
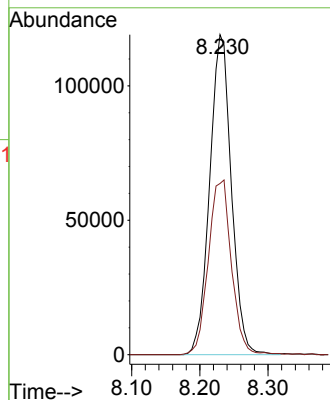
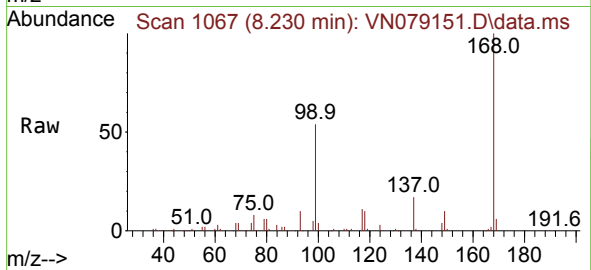




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

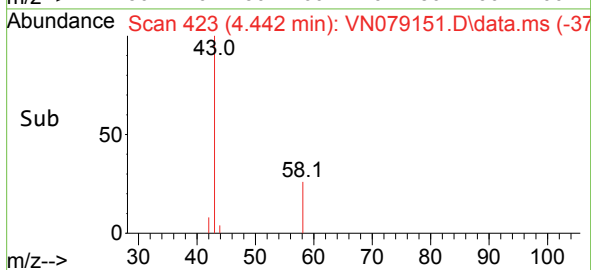
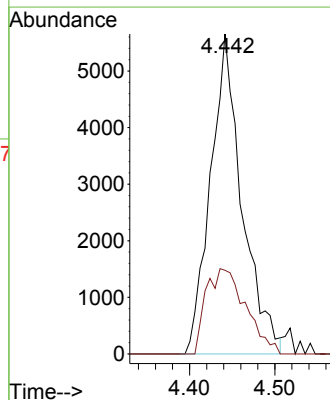
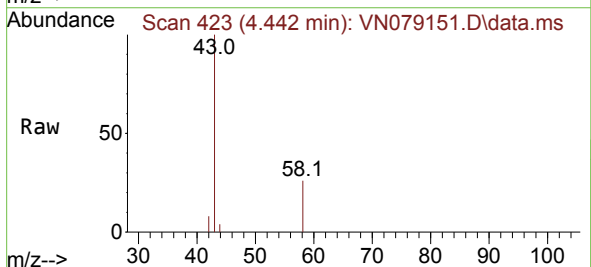
Instrument :
MSVOA_N
ClientSampleId :
MW-4-6

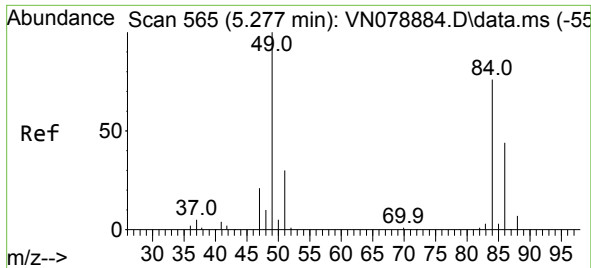
Tgt Ion:168 Resp: 263704
Ion Ratio Lower Upper
168 100
99 53.5 53.0 79.6



#16
Acetone
Concen: 8.574 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

Tgt Ion: 43 Resp: 14517
Ion Ratio Lower Upper
43 100
58 26.2 28.0 42.0#

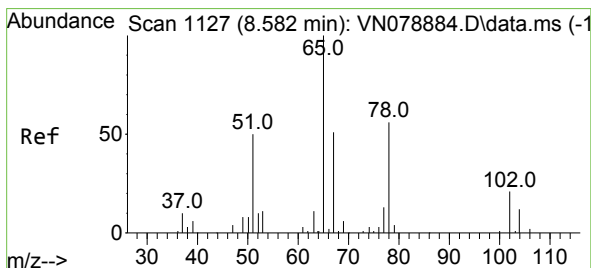
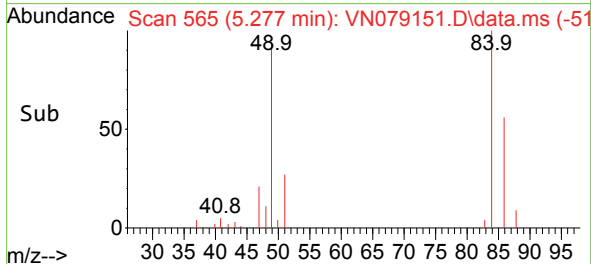
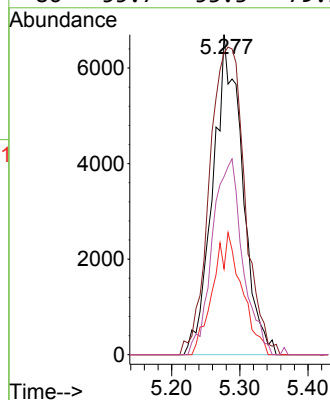
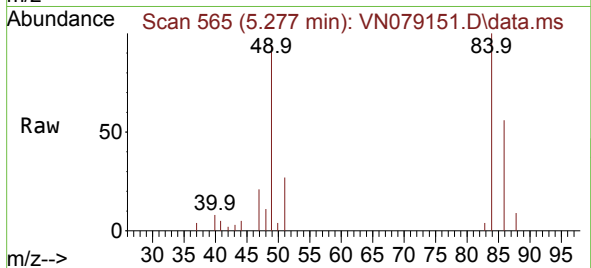




#20
Methylene Chloride
Concen: 5.572 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

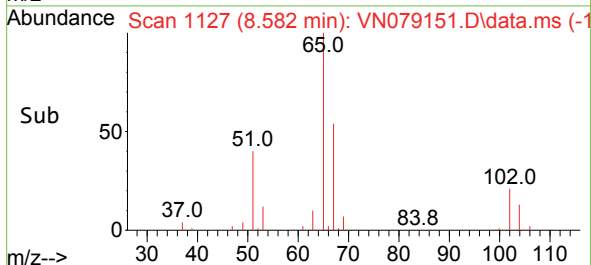
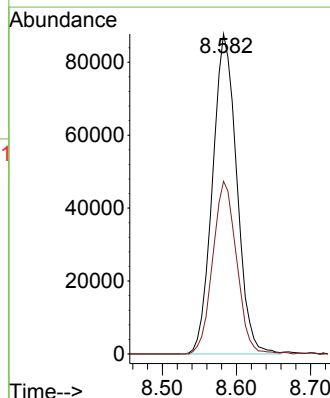
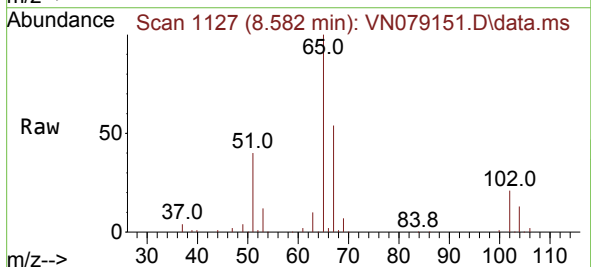
Instrument :
MSVOA_N
ClientSampleId :
MW-4-6

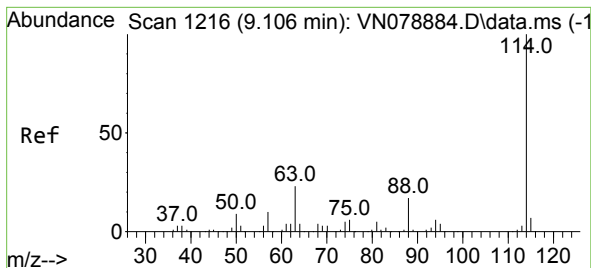
Tgt Ion: 84	Resp: 20104
Ion Ratio	Lower Upper
84 100	
49 94.2	79.7 119.5
51 26.9	25.2 37.8
86 55.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.533 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

Tgt Ion: 65	Resp: 199155
Ion Ratio	Lower Upper
65 100	
67 53.2	0.0 106.6

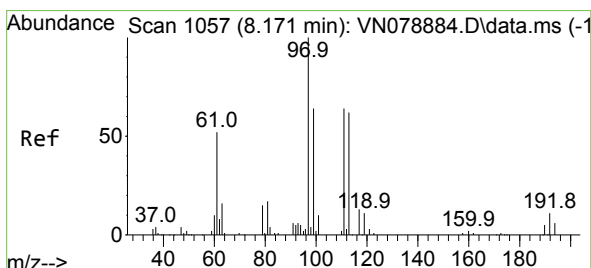
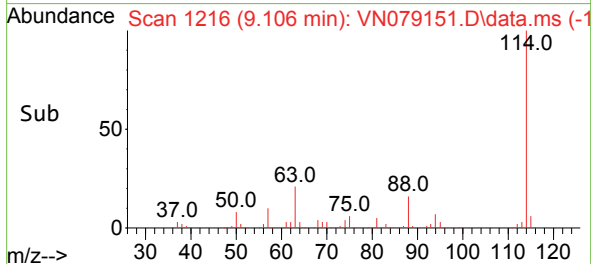
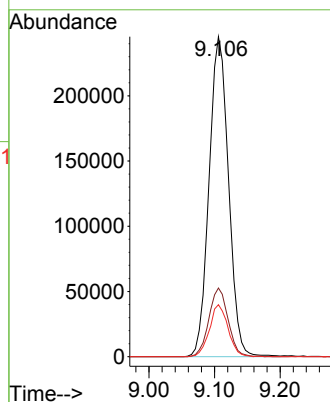
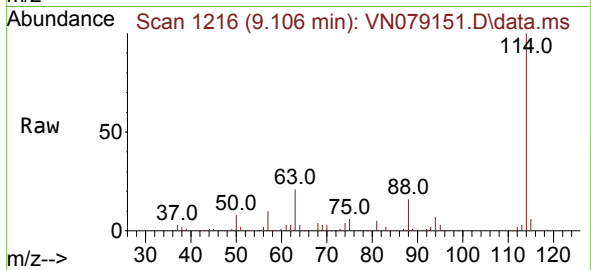




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

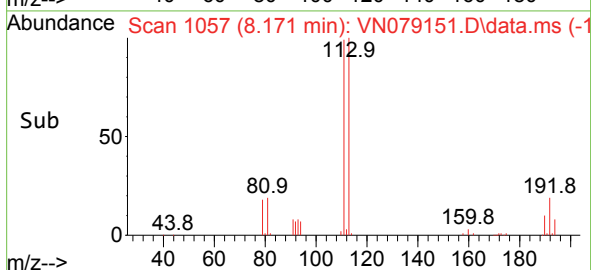
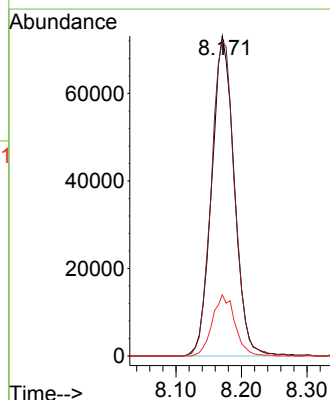
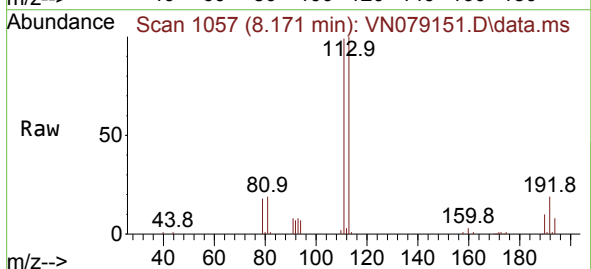
Instrument :
MSVOA_N
ClientSampleId :
MW-4-6

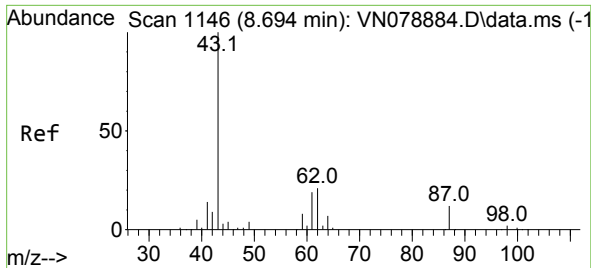
Tgt Ion:114 Resp: 506082
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.230 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

Tgt Ion:113 Resp: 174523
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.2 12.7 19.1#

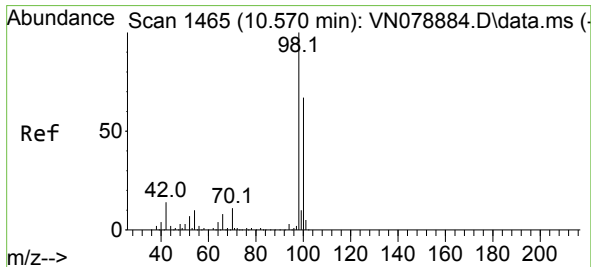
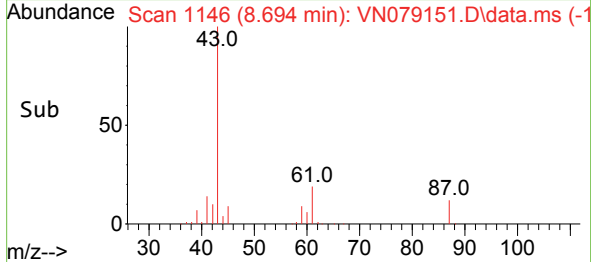
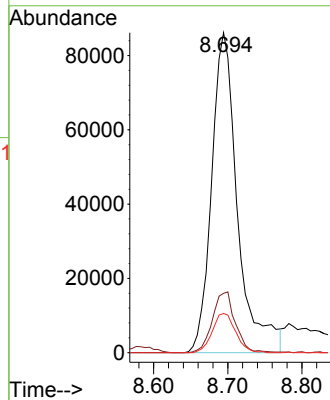
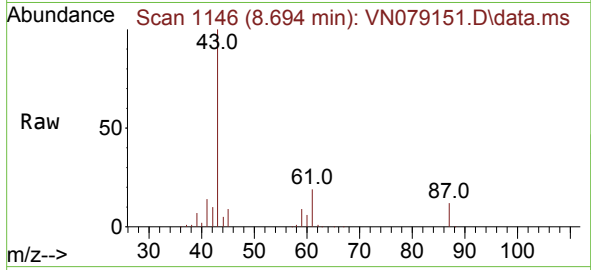




#43
Isopropyl Acetate
Concen: 20.680 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

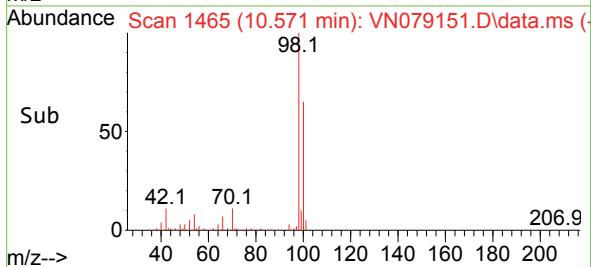
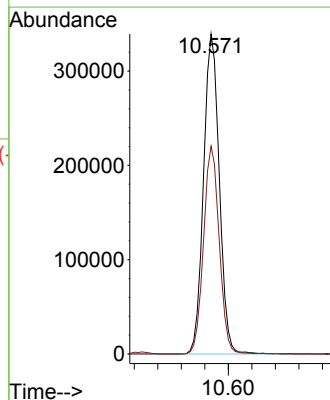
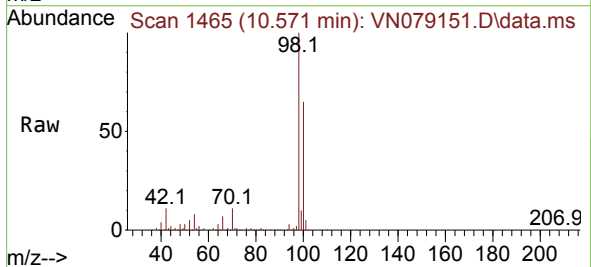
Instrument :
MSVOA_N
ClientSampleId :
MW-4-6

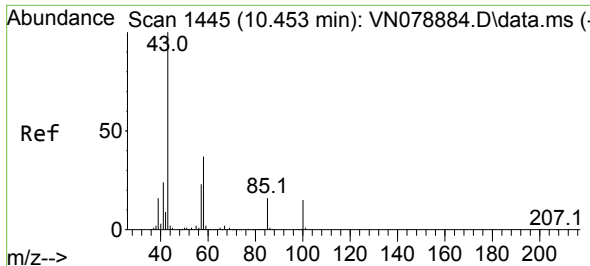
Tgt Ion: 43 Resp: 209572
Ion Ratio Lower Upper
43 100
61 16.8 24.7 37.1#
87 11.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.783 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

Tgt Ion: 98 Resp: 629719
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

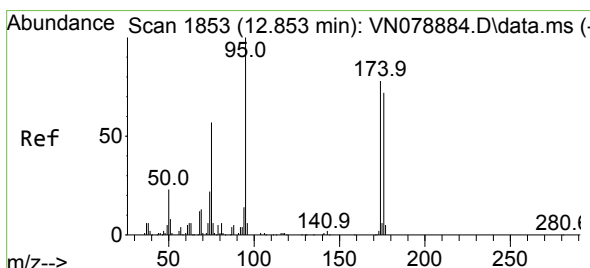
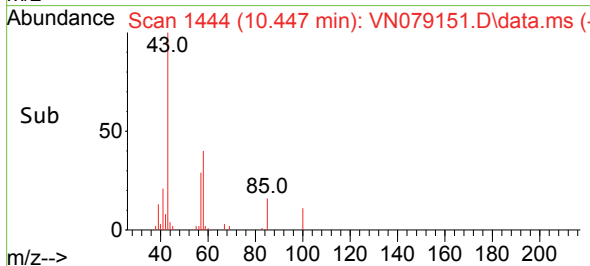
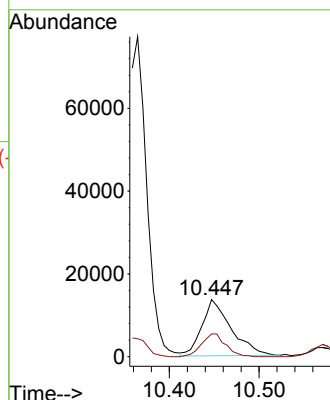
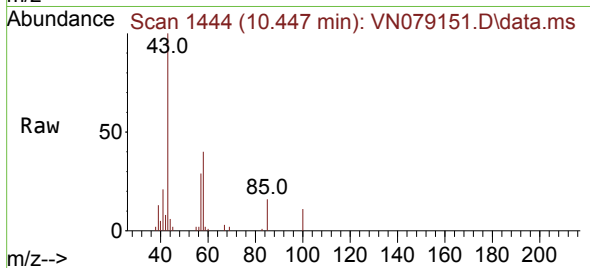




#51
4-Methyl-2-Pentanone
Concen: 5.109 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

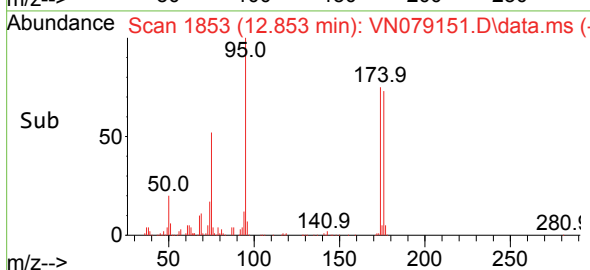
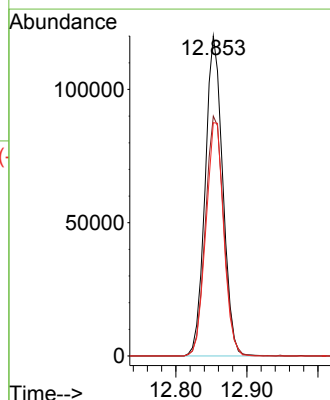
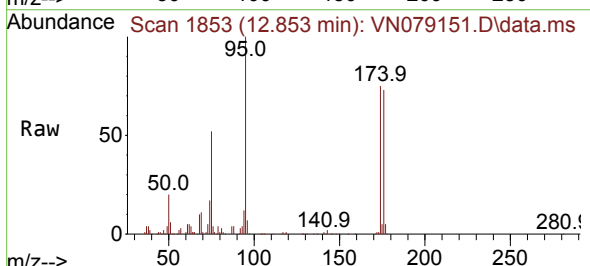
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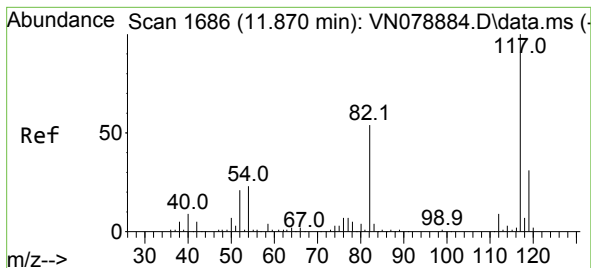
Tgt Ion: 43 Resp: 30706
Ion Ratio Lower Upper
43 100
58 33.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079151.D
Acq: 02 Sep 2023 18:23

Tgt Ion: 95 Resp: 206524
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 74.4 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: VN079151.D

Acq: 02 Sep 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

MW-4-6

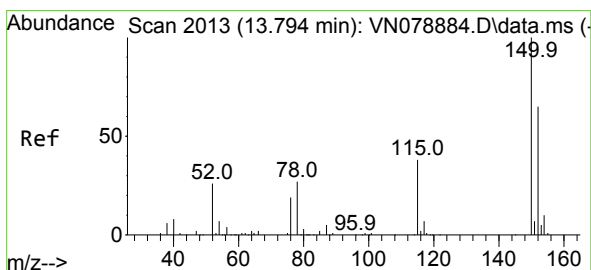
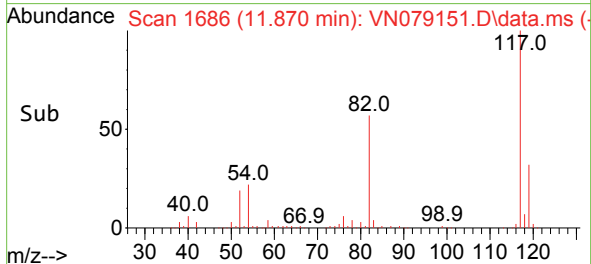
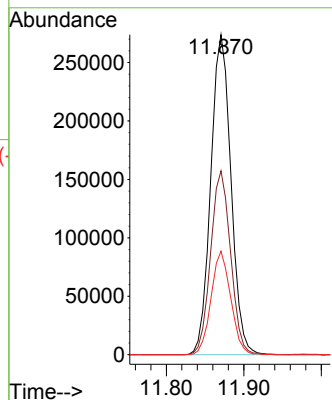
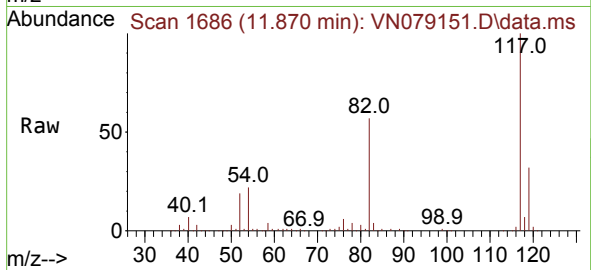
Tgt Ion:117 Resp: 496314

Ion Ratio Lower Upper

117 100

82 57.5 44.0 66.0

119 32.3 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: VN079151.D

Acq: 02 Sep 2023 18:23

Tgt Ion:152 Resp: 159508

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 160.4 0.0 355.8

