

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079139.D
 Acq On : 02 Sep 2023 13:35
 Operator : JC\MD
 Sample : PB155301ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#01

Quant Time: Sep 04 01:02:45 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)

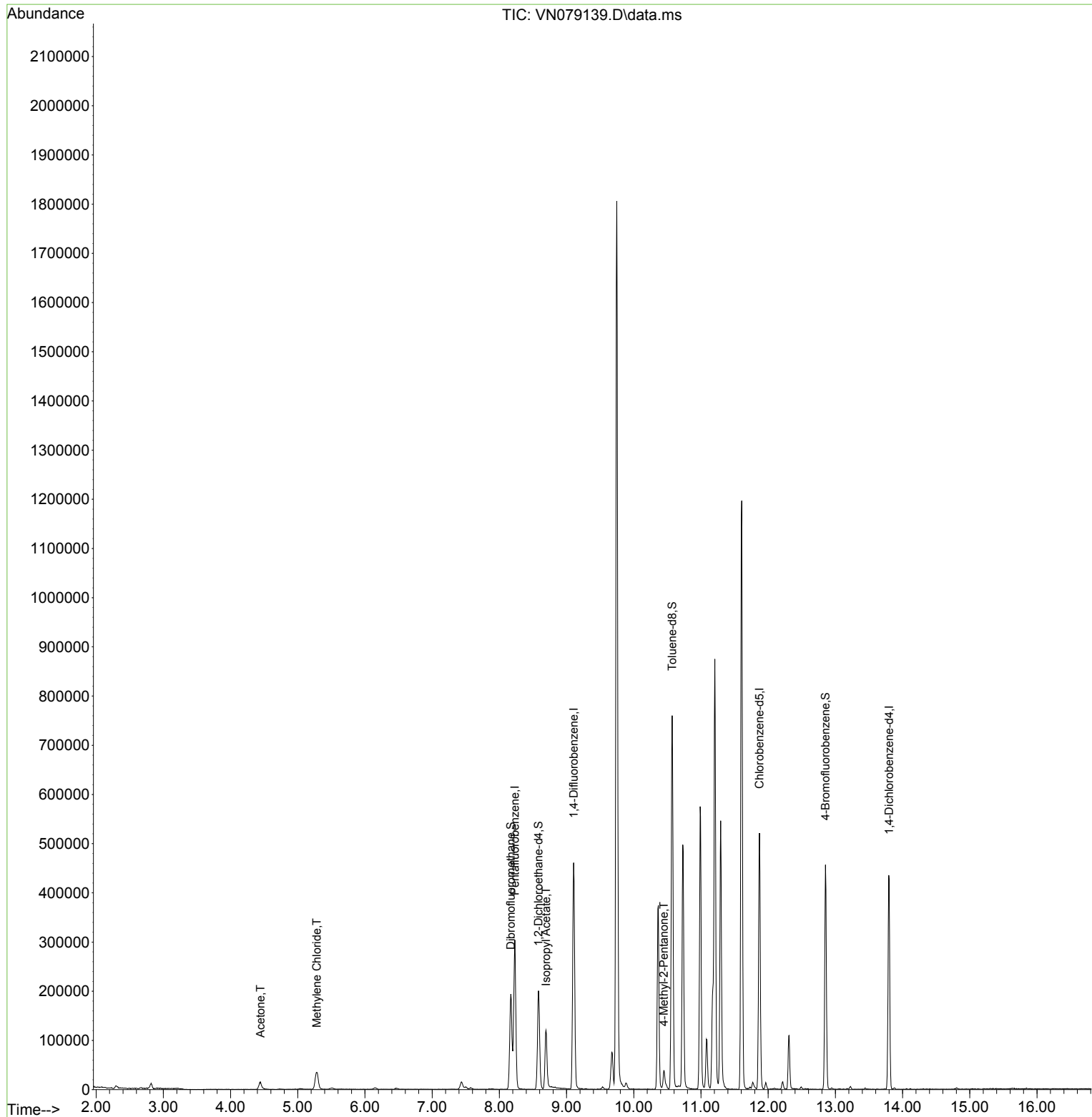
Internal Standards						
1) Pentafluorobenzene	8.230	168	213592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	407579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	306753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	120833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161153	48.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.171	113	139758	50.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.880%
50) Toluene-d8	10.571	98	534825	52.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.853	95	163641	49.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.280%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	27430	20.001	ug/l	99
20) Methylene Chloride	5.283	84	29871	10.221	ug/l	97
43) Isopropyl Acetate	8.694	43	138261	16.940	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	32099	6.631	ug/l #	79

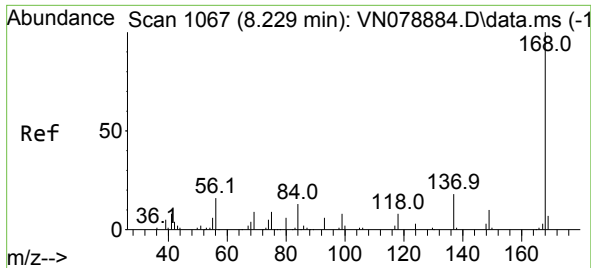
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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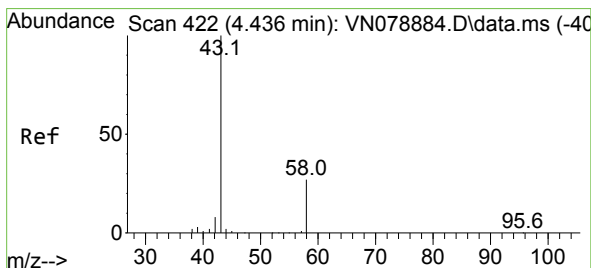
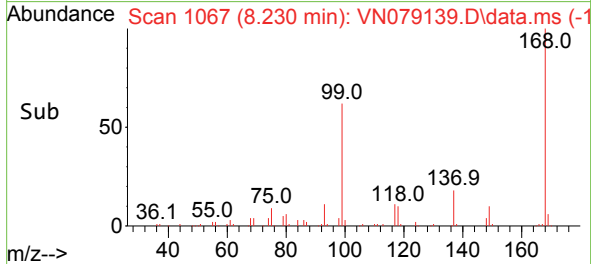
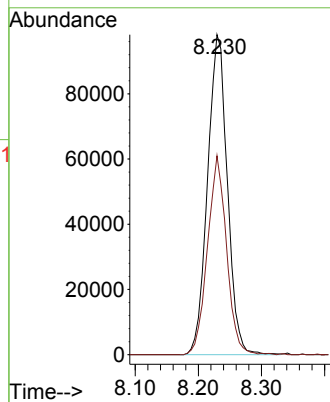
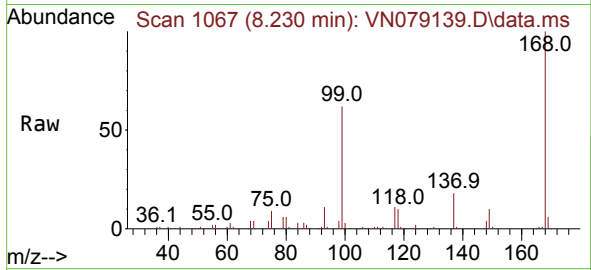




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

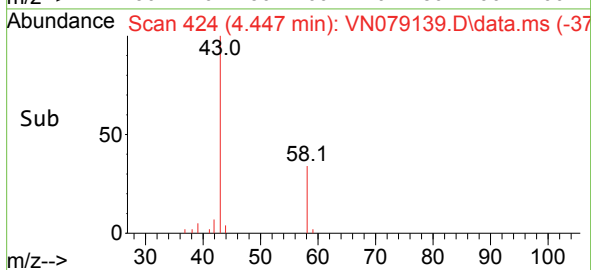
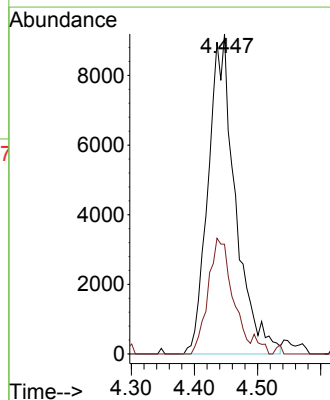
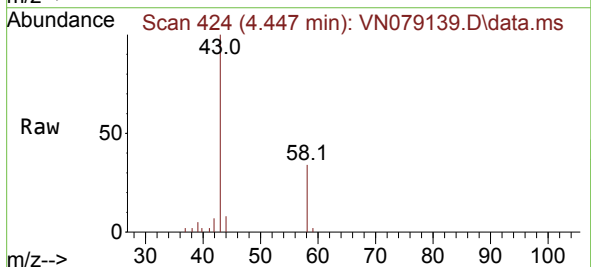
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#01

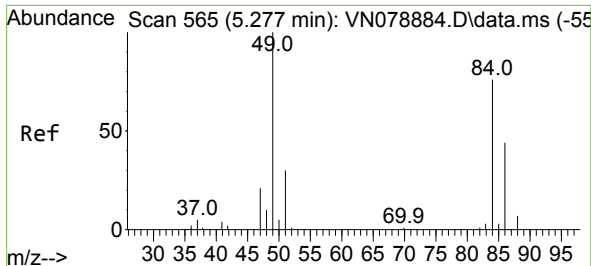
Tgt Ion:168 Resp: 213592
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#16
Acetone
Concen: 20.001 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

Tgt Ion: 43 Resp: 27430
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0

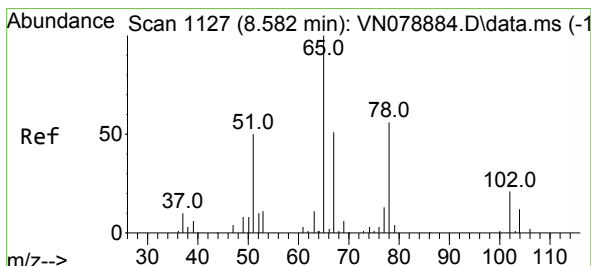
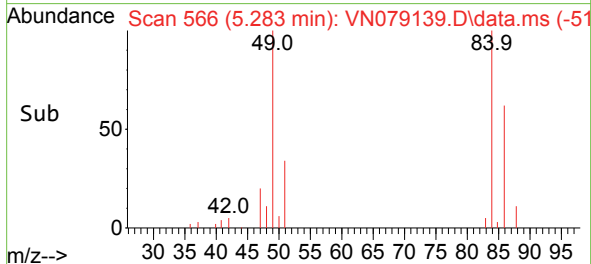
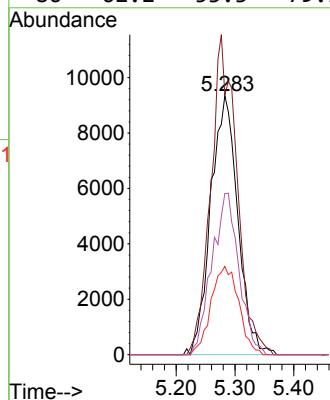
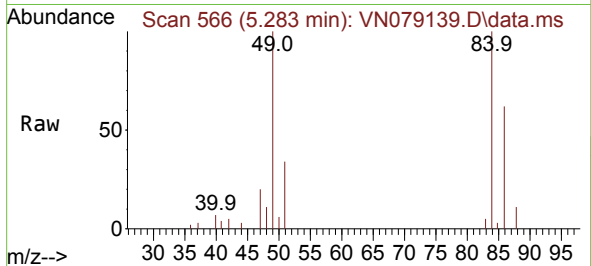




#20
Methylene Chloride
Concen: 10.221 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

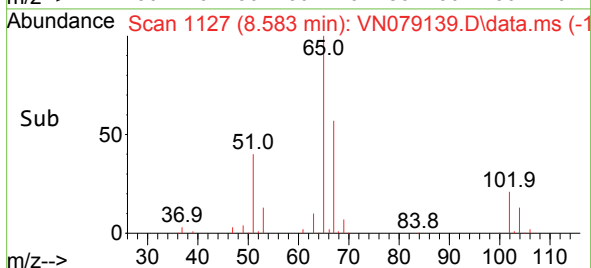
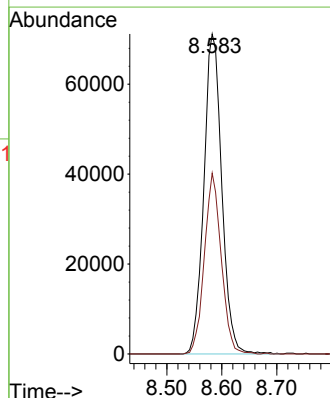
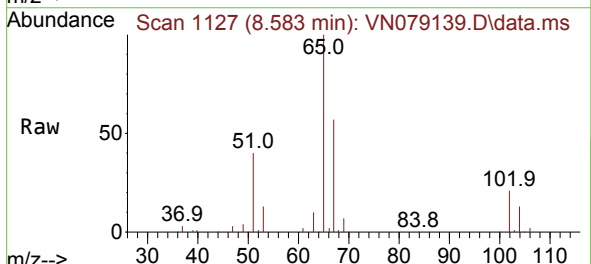
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#01

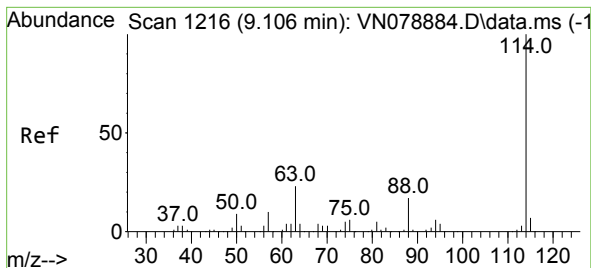
Tgt Ion: 84	Resp: 29871
Ion Ratio	Lower Upper
84 100	
49 100.3	79.7 119.5
51 34.1	25.2 37.8
86 62.2	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.486 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

Tgt Ion: 65	Resp: 161153
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# 1

Delta R.T. -0.006 min

Lab File: VN079139.D

Acq: 02 Sep 2023 13:35

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#01

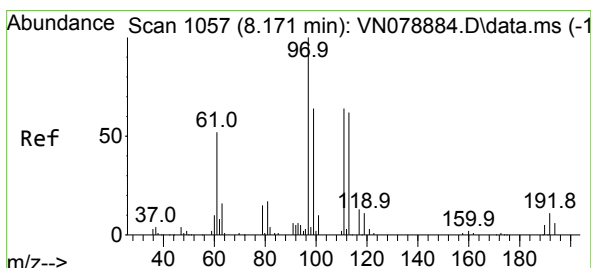
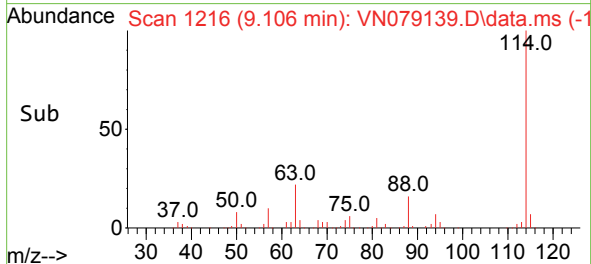
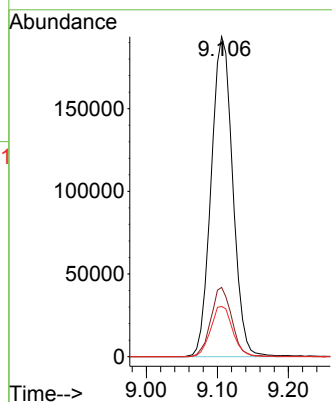
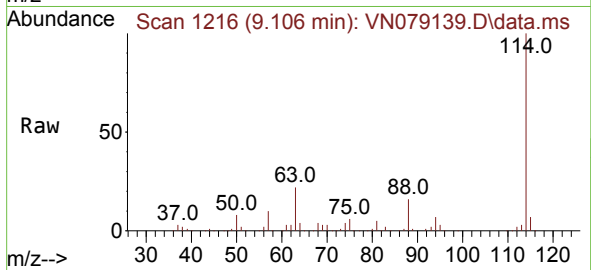
Tgt Ion:114 Resp: 407579

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.939 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079139.D

Acq: 02 Sep 2023 13:35

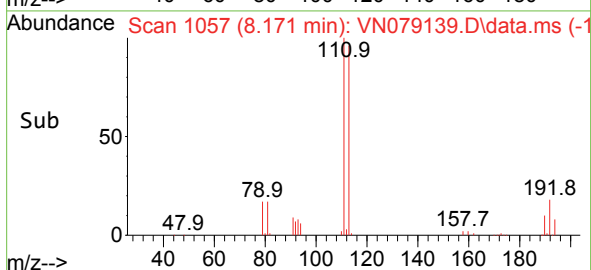
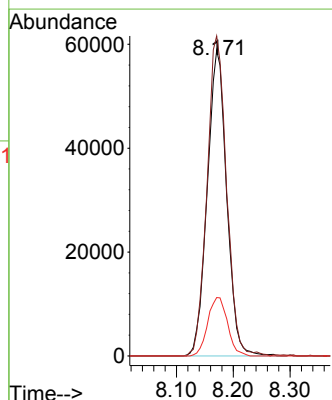
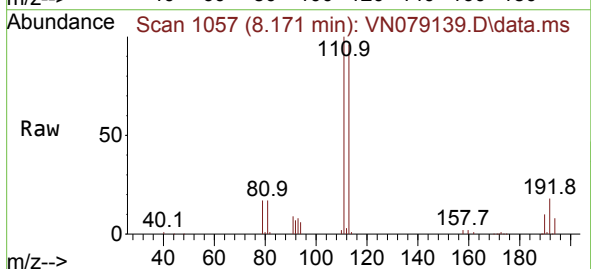
Tgt Ion:113 Resp: 139758

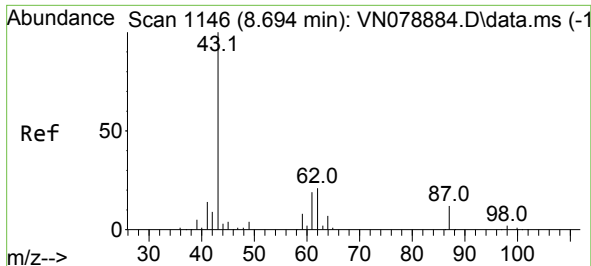
Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 19.4 12.7 19.1#

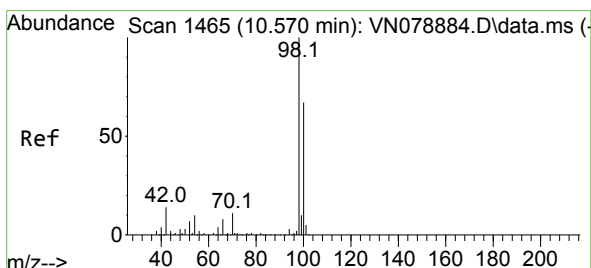
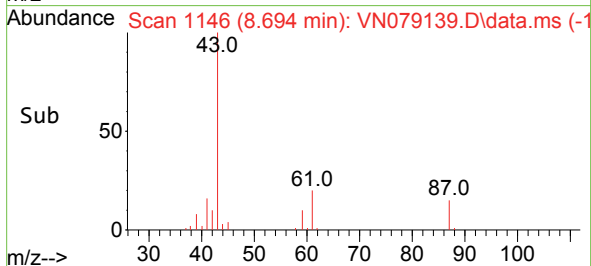
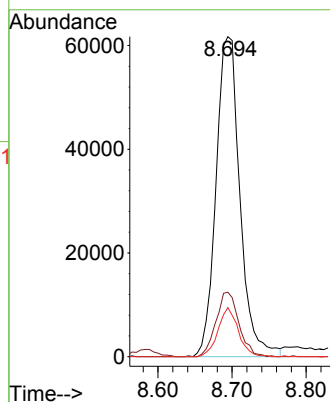
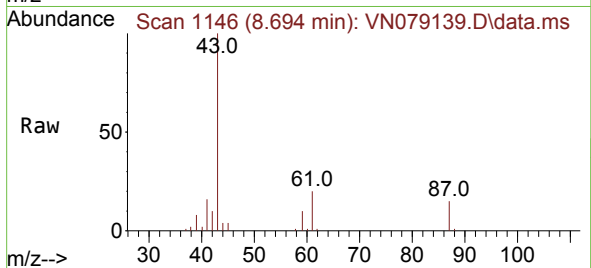




#43
Isopropyl Acetate
Concen: 16.940 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

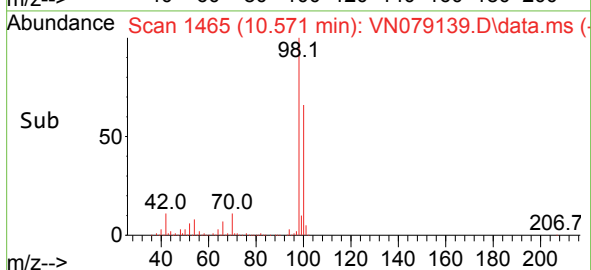
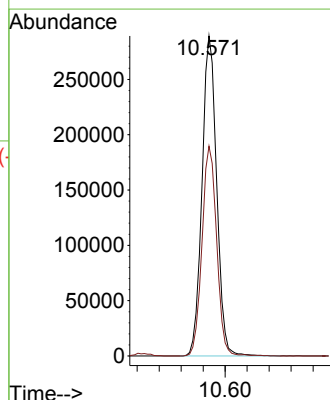
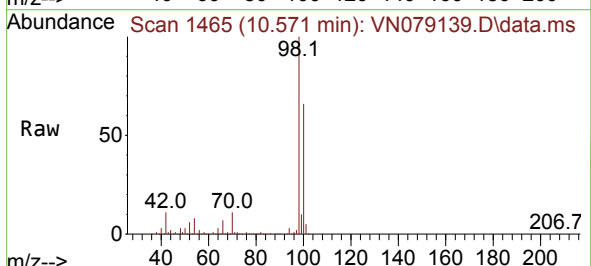
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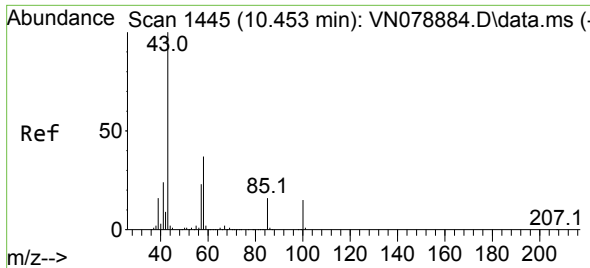
Tgt Ion: 43 Resp: 138261
Ion Ratio Lower Upper
43 100
61 19.3 24.7 37.1#
87 13.0 14.6 21.8#



#50
Toluene-d8
Concen: 52.499 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

Tgt Ion: 98 Resp: 534825
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

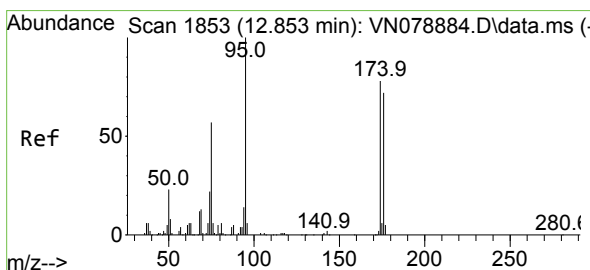
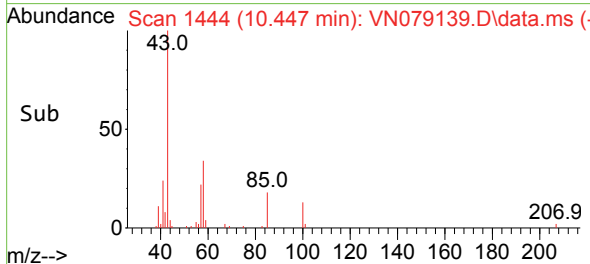
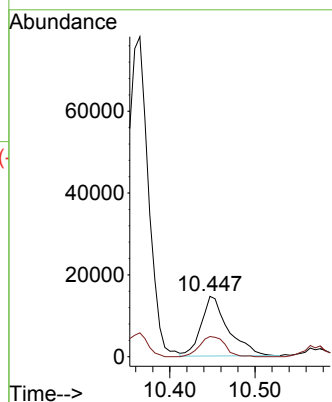
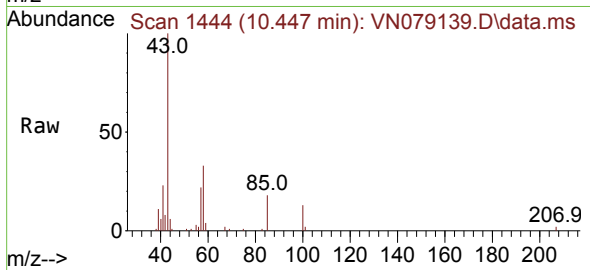




#51
4-Methyl-2-Pentanone
Concen: 6.631 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

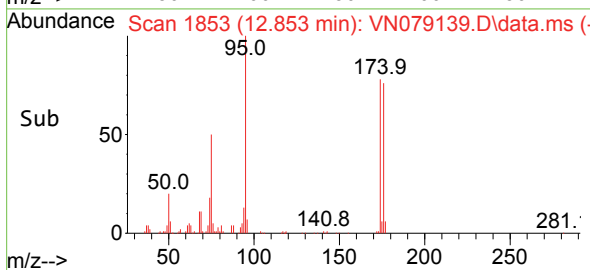
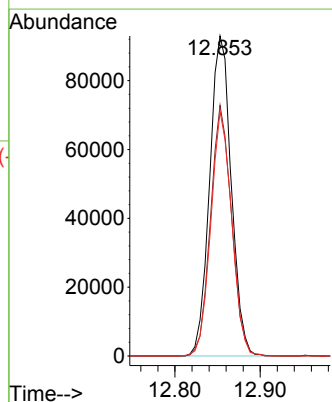
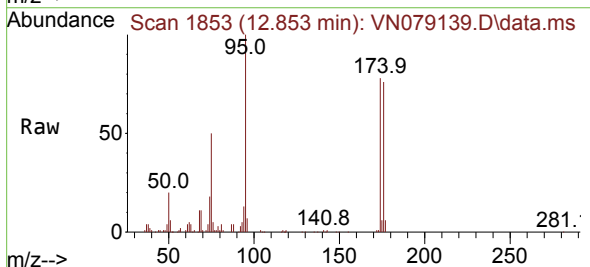
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#01

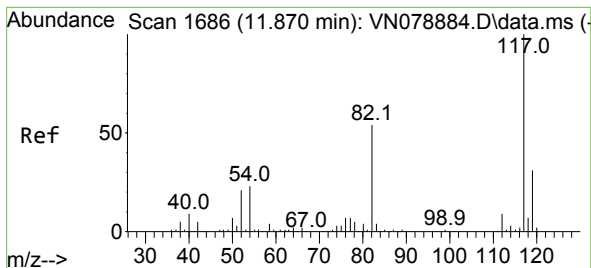
Tgt Ion: 43 Resp: 32099
Ion Ratio Lower Upper
43 100
58 31.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.144 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079139.D
Acq: 02 Sep 2023 13:35

Tgt Ion: 95 Resp: 163641
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.9 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: VN079139.D

Acq: 02 Sep 2023 13:35

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#01

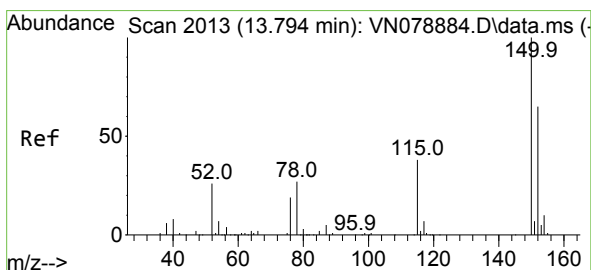
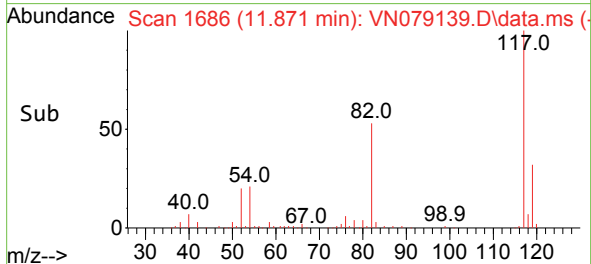
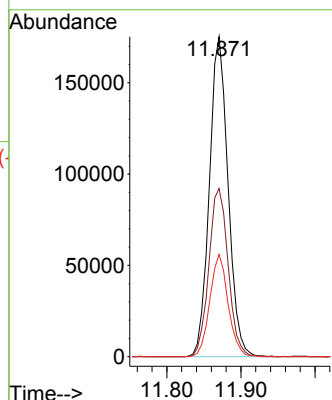
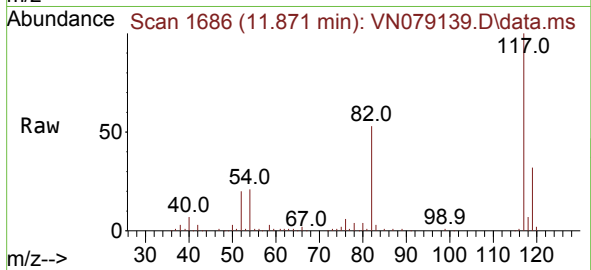
Tgt Ion:117 Resp: 306753

Ion Ratio Lower Upper

117 100

82 52.6 44.0 66.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN079139.D

Acq: 02 Sep 2023 13:35

Tgt Ion:152 Resp: 120833

Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 159.3 0.0 355.8

