

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079142.D
 Acq On : 02 Sep 2023 14:47
 Operator : JC\MD
 Sample : PB155301ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#04

Quant Time: Sep 04 01:04:04 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)

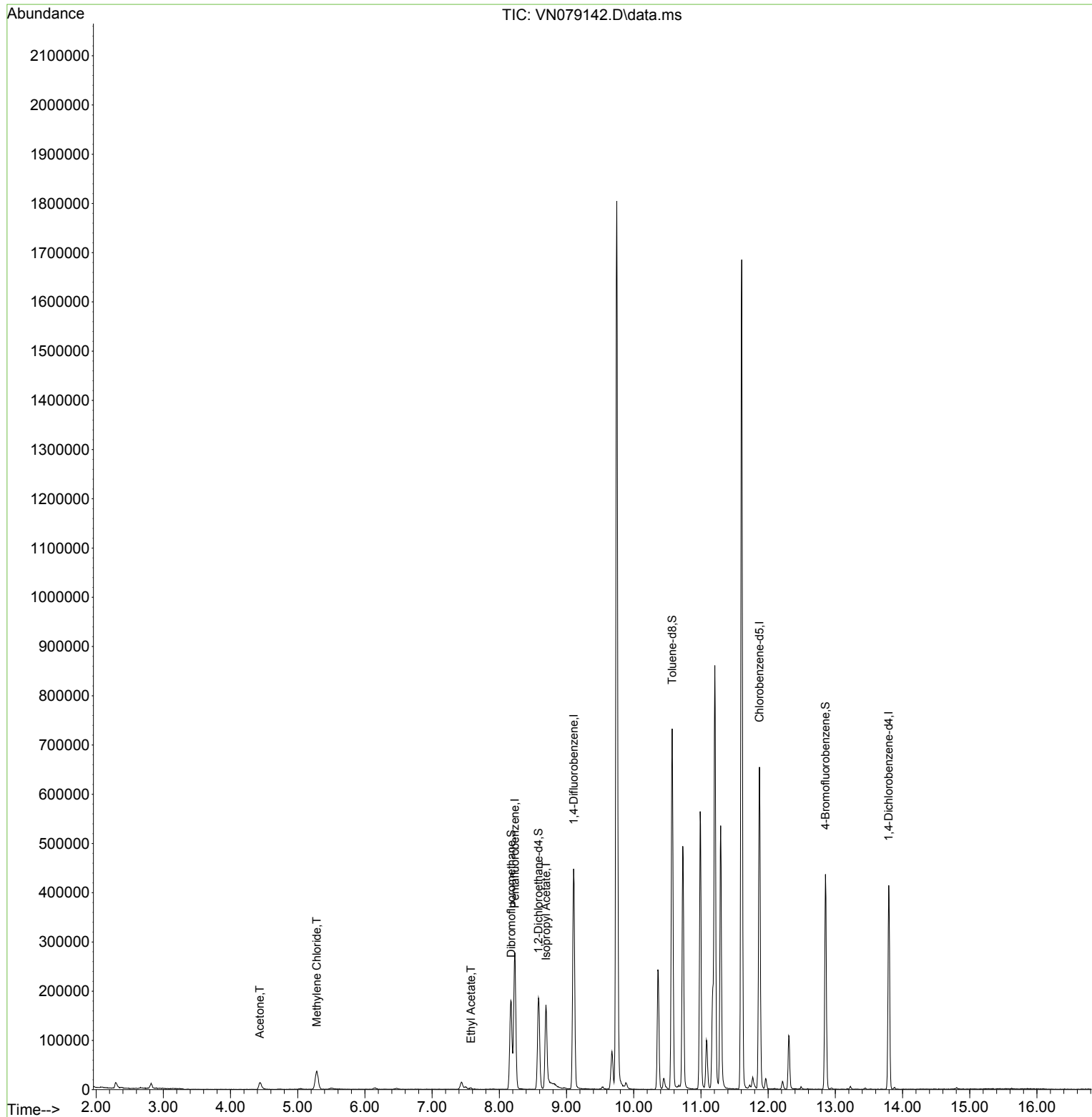
Internal Standards						
1) Pentafluorobenzene	8.230	168	204590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	398355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154857	48.642	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.177	113	135640	50.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.571	98	514089	51.632	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.853	95	153456	47.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	28367	21.595	ug/l #	85
20) Methylene Chloride	5.283	84	29752	10.628	ug/l	92
37) Ethyl Acetate	7.577	43	4669	1.035	ug/l #	83
43) Isopropyl Acetate	8.694	43	196693	24.658	ug/l #	81

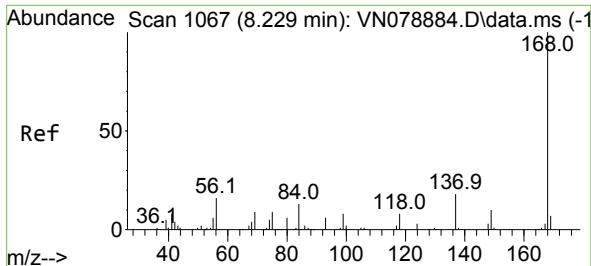
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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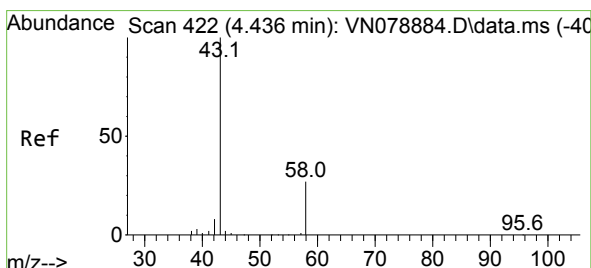
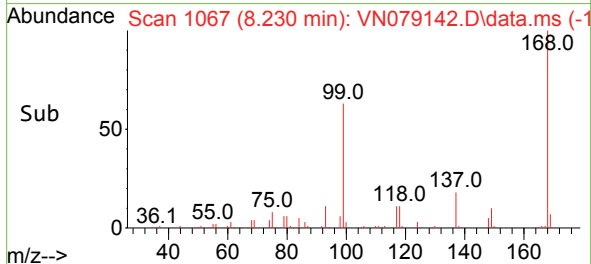
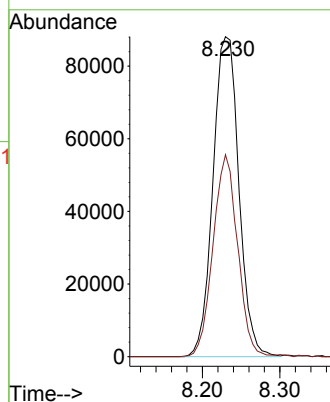
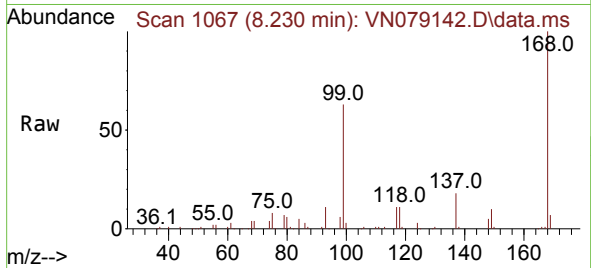




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079142.D
Acq: 02 Sep 2023 14:47

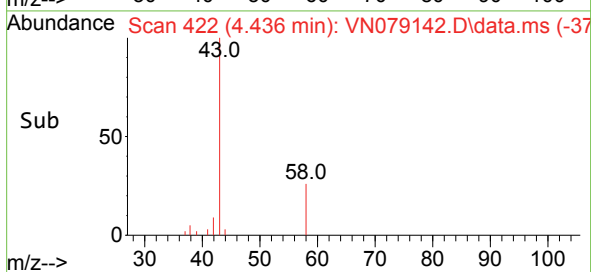
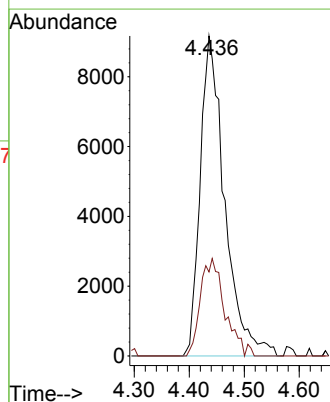
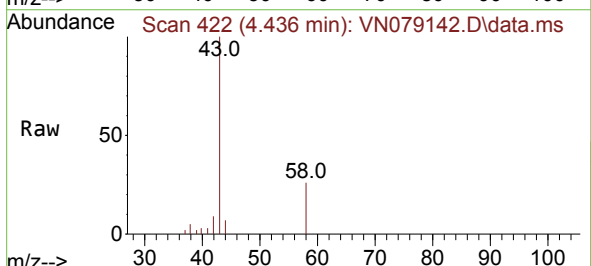
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#04

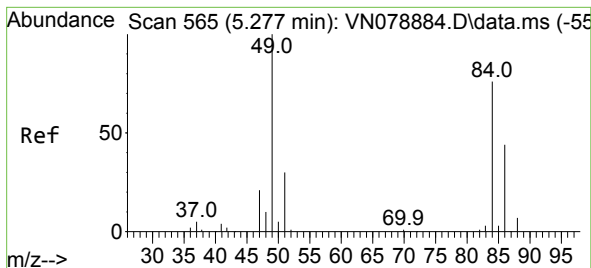
Tgt Ion:168 Resp: 204590
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 21.595 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079142.D
Acq: 02 Sep 2023 14:47

Tgt Ion: 43 Resp: 28367
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#





#20

Methylene Chloride

Concen: 10.628 ug/l

RT: 5.283 min Scan# 5

Delta R.T. -0.000 min

Lab File: VN079142.D

Acq: 02 Sep 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#04

Tgt Ion: 84 Resp: 29752

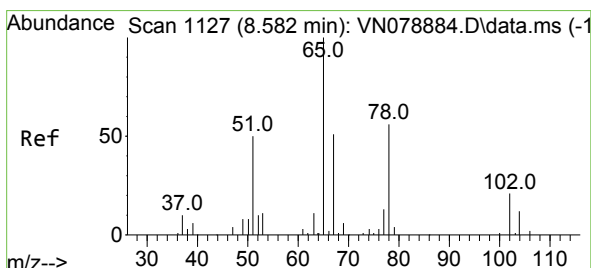
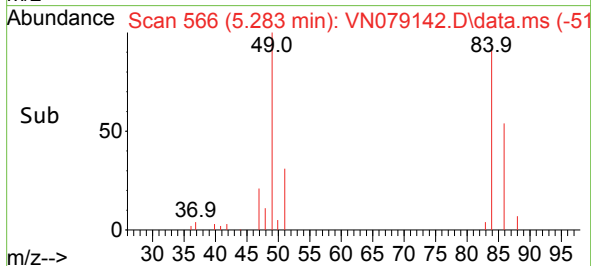
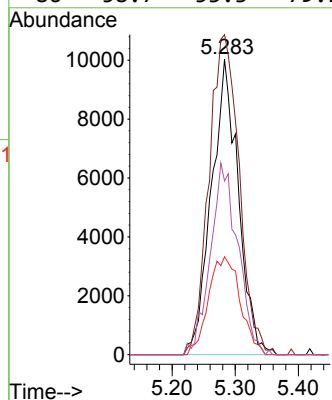
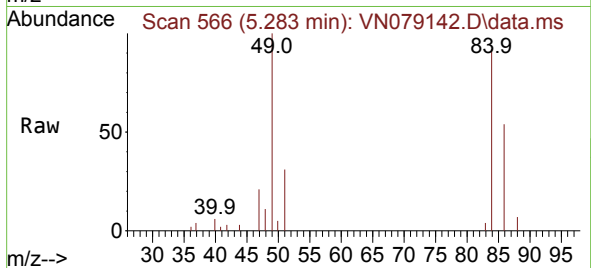
Ion Ratio Lower Upper

84 100

49 108.3 79.7 119.5

51 33.2 25.2 37.8

86 58.7 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 48.642 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079142.D

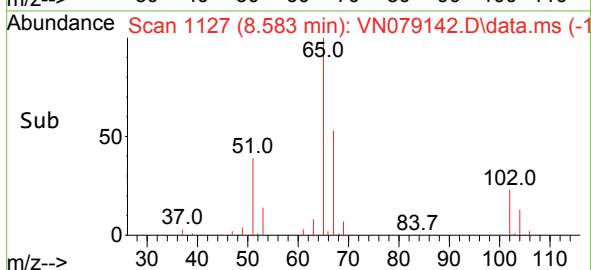
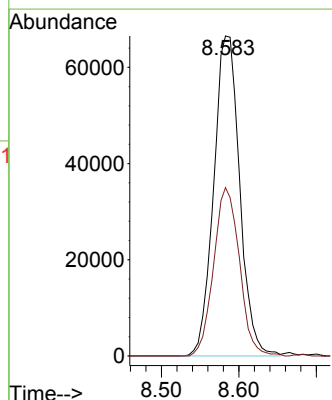
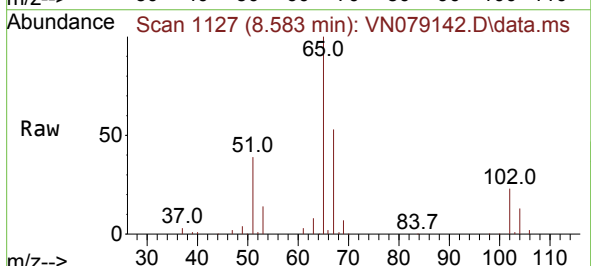
Acq: 02 Sep 2023 14:47

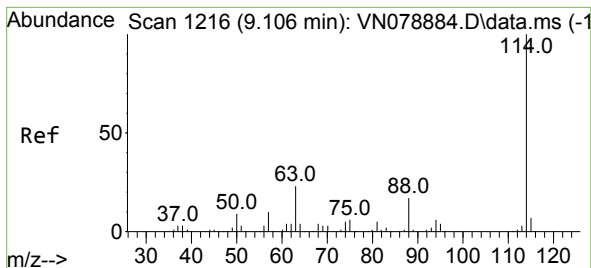
Tgt Ion: 65 Resp: 154857

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079142.D

Acq: 02 Sep 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#04

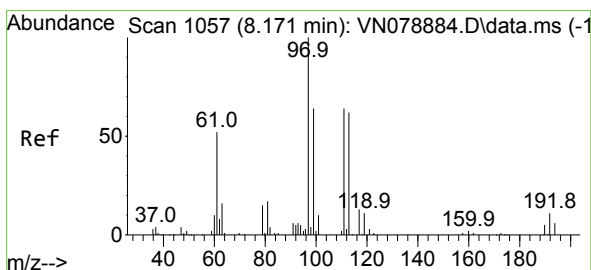
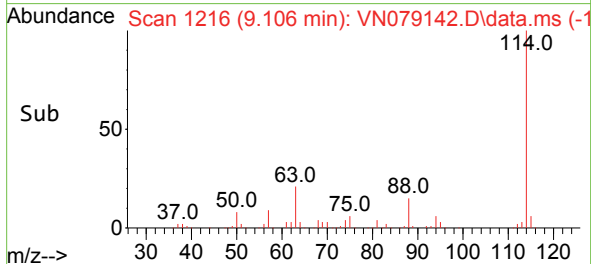
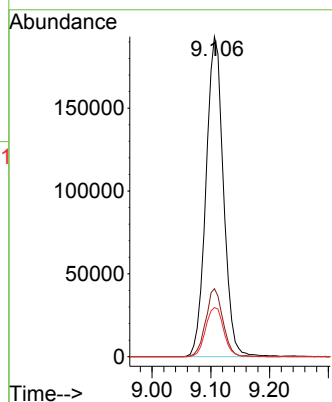
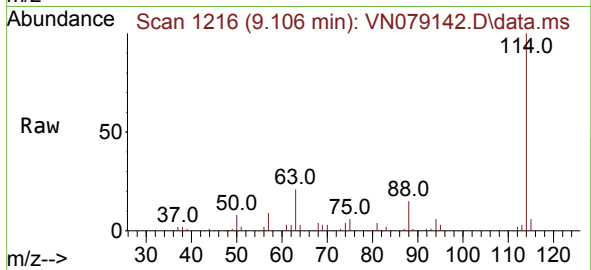
Tgt Ion:114 Resp: 398355

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079142.D

Acq: 02 Sep 2023 14:47

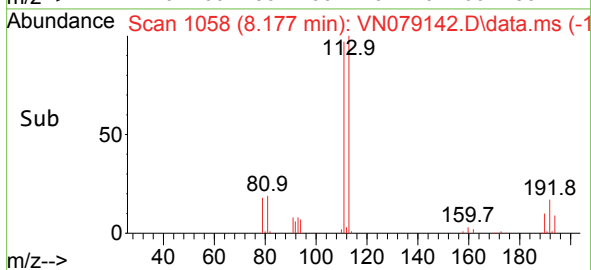
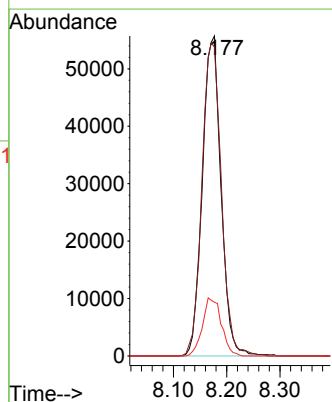
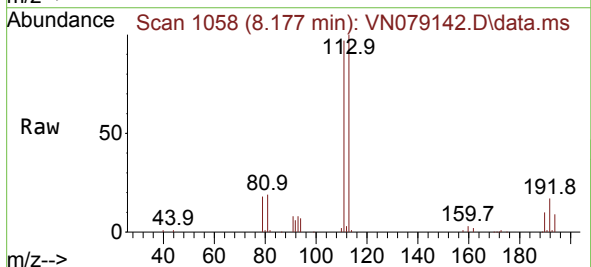
Tgt Ion:113 Resp: 135640

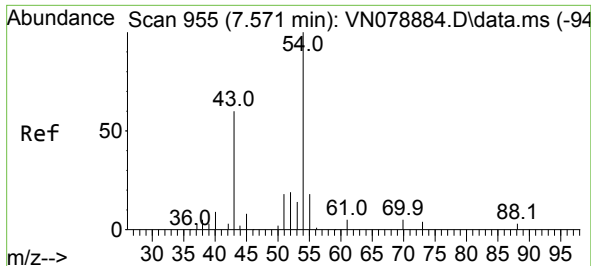
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.3 12.7 19.1





#37

Ethyl Acetate

Concen: 1.035 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079142.D

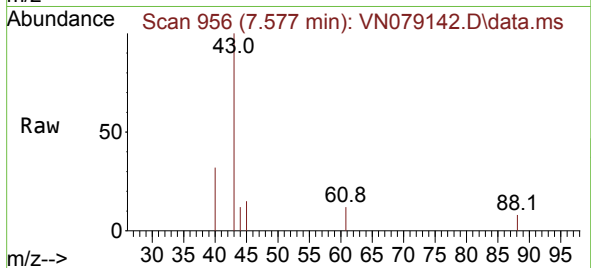
Acq: 02 Sep 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#04



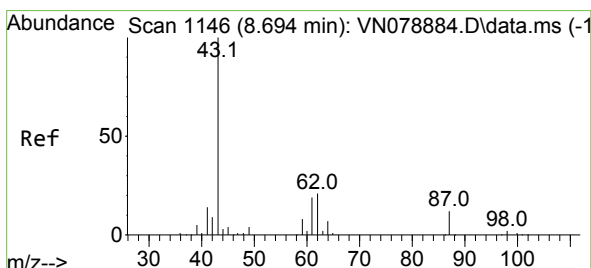
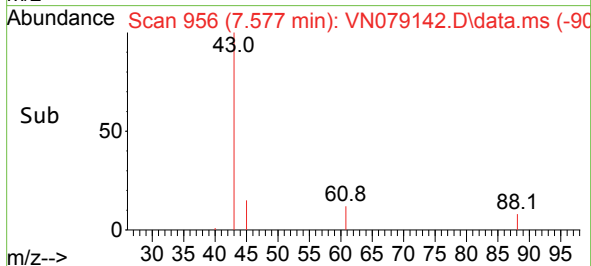
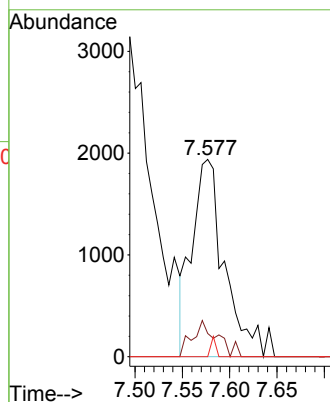
Tgt Ion: 43 Resp: 4669

Ion Ratio Lower Upper

43 100

61 14.2 13.2 19.8

70 1.5 11.3 16.9#



#43

Isopropyl Acetate

Concen: 24.658 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079142.D

Acq: 02 Sep 2023 14:47

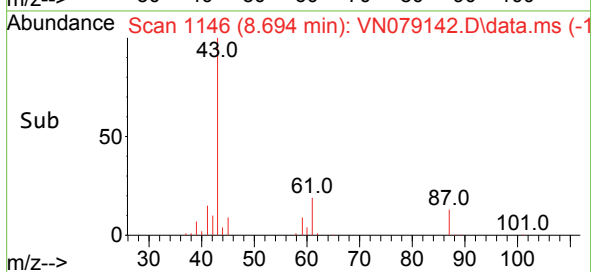
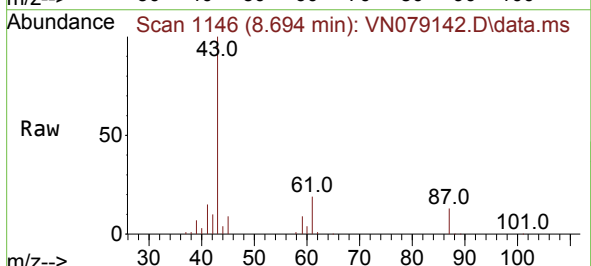
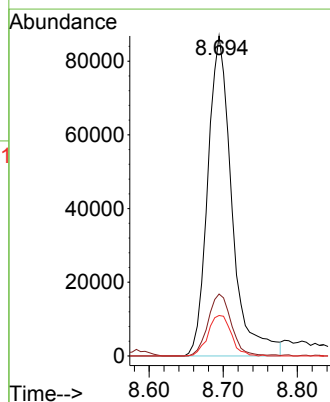
Tgt Ion: 43 Resp: 196693

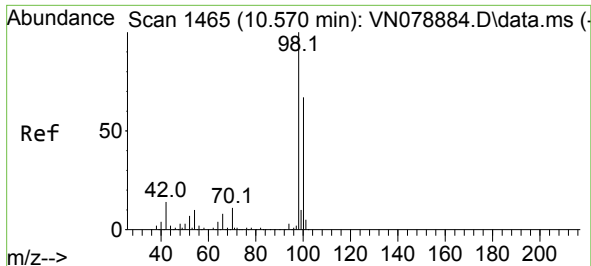
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 12.2 14.6 21.8#

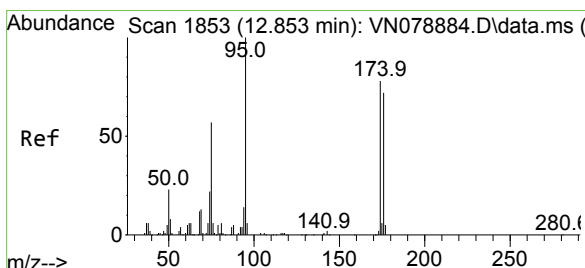
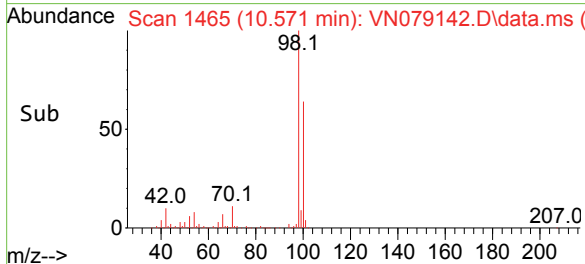
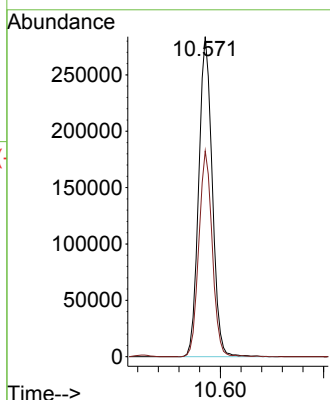
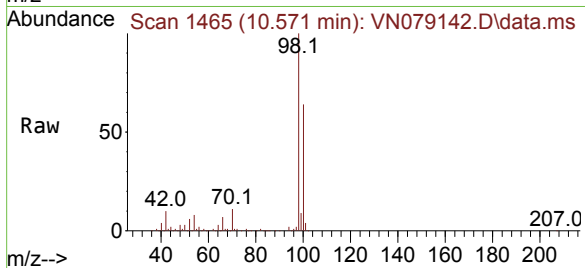




#50
Toluene-d8
Concen: 51.632 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079142.D
Acq: 02 Sep 2023 14:47

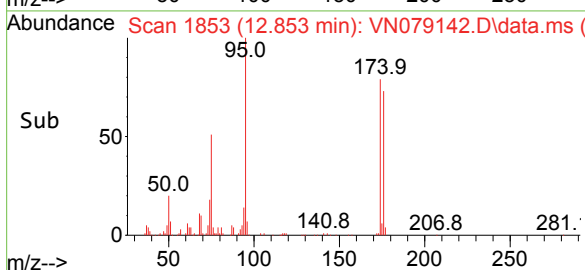
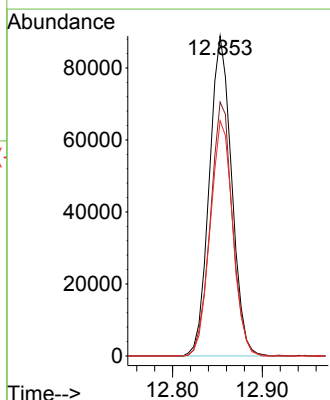
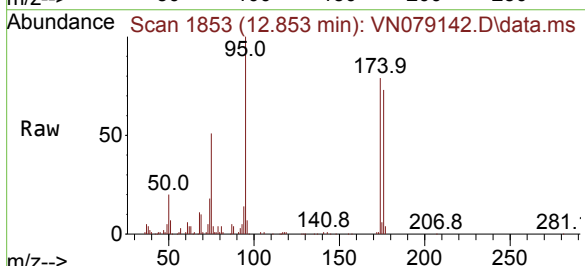
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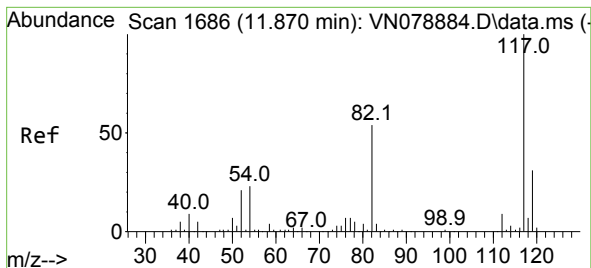
Tgt Ion: 98 Resp: 514089
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079142.D
Acq: 02 Sep 2023 14:47

Tgt Ion: 95 Resp: 153456
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.0 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: VN079142.D

Acq: 02 Sep 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#04

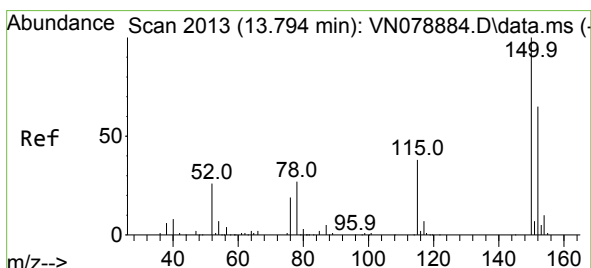
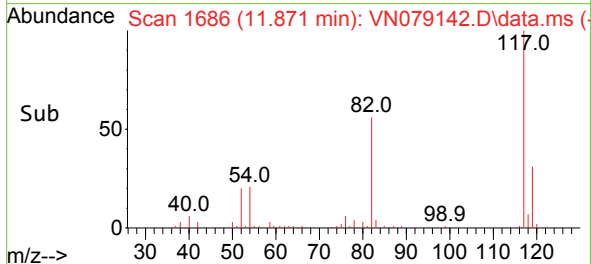
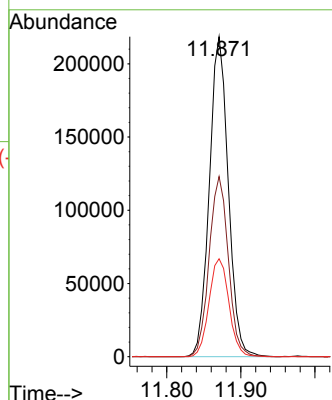
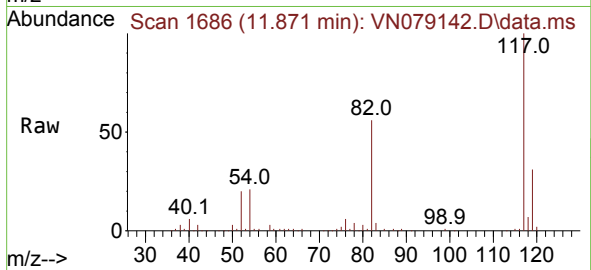
Tgt Ion:117 Resp: 387909

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 30.6 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: VN079142.D

Acq: 02 Sep 2023 14:47

Tgt Ion:152 Resp: 114183

Ion Ratio Lower Upper

152 100

115 59.6 32.3 96.8

150 158.0 0.0 355.8

