

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078040.D
 Acq On : 05 Jun 2023 13:33
 Operator : JC\MD
 Sample : PB153198ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#01

Quant Time: Jun 06 02:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

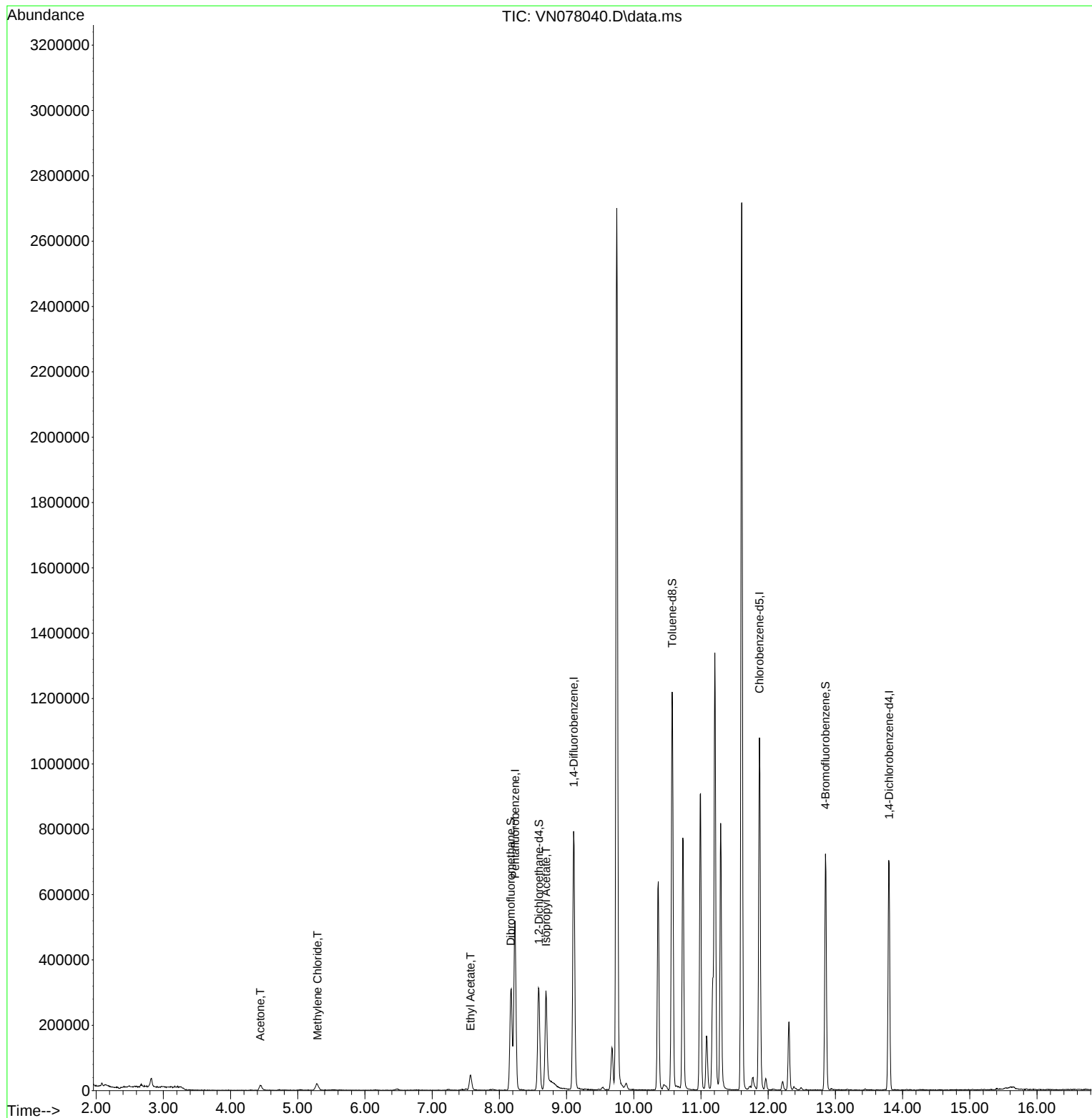
Internal Standards						
1) Pentafluorobenzene	8.235	168	373603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	697880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263164	47.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.160%
35) Dibromofluoromethane	8.171	113	232881	51.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.571	98	885756	50.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.853	95	262107	42.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.740%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27493	15.633	ug/l	100
20) Methylene Chloride	5.295	84	16742	1.751	ug/l #	82
37) Ethyl Acetate	7.571	43	68054	11.471	ug/l	96
43) Isopropyl Acetate	8.694	43	369368	38.116	ug/l #	78

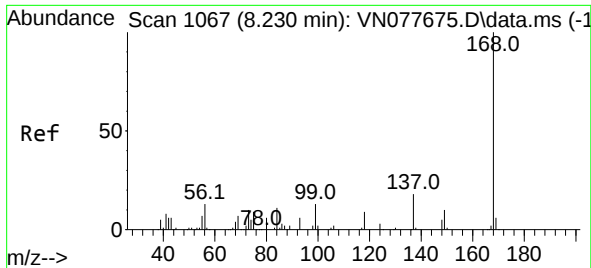
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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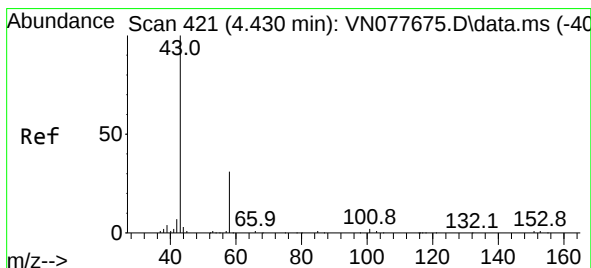
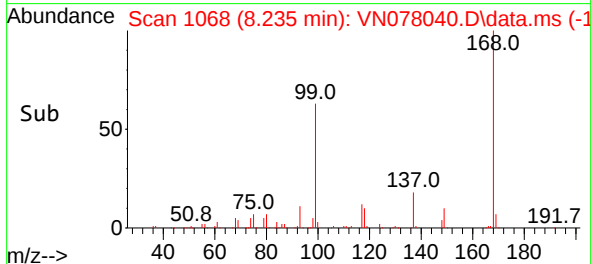
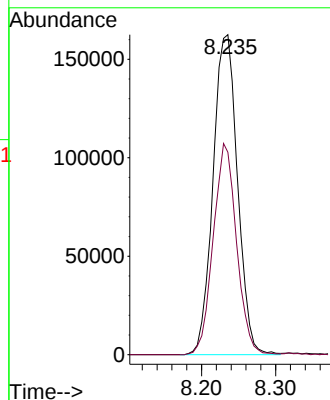
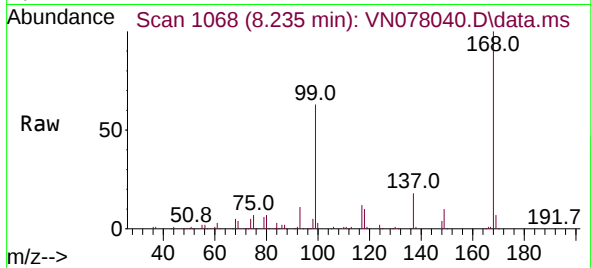




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

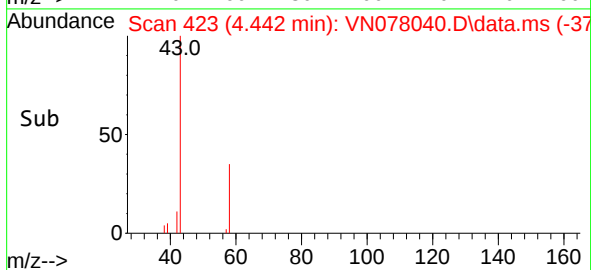
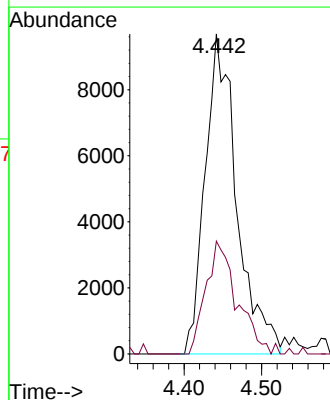
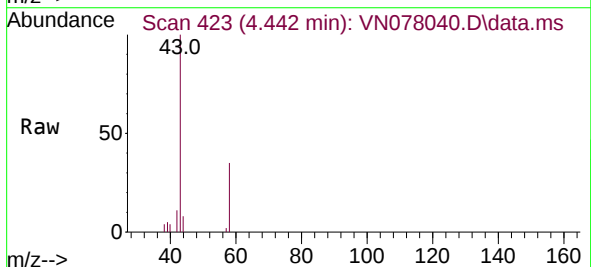
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#01

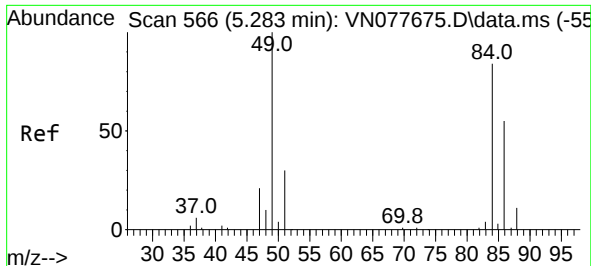
Tgt Ion:168 Resp: 373603
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 15.633 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

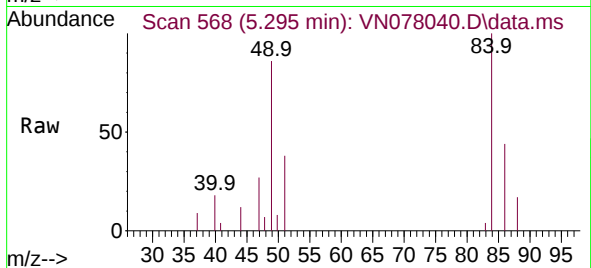
Tgt Ion: 43 Resp: 27493
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0



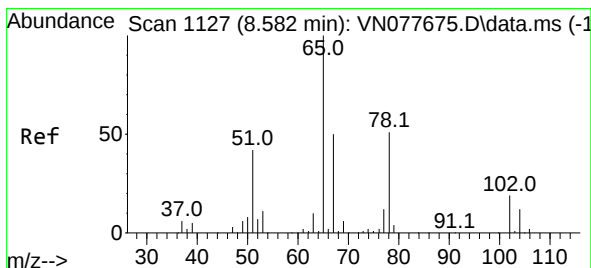
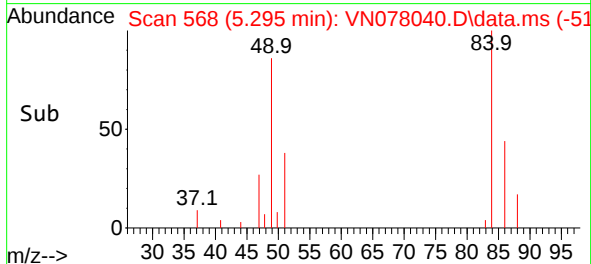
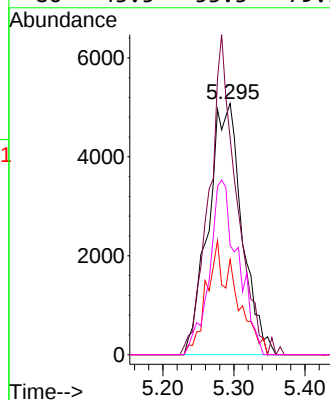


#20
Methylene Chloride
Concen: 1.751 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#01

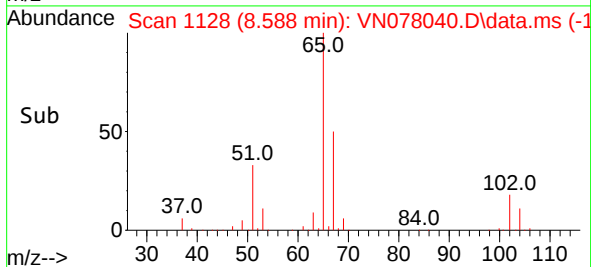
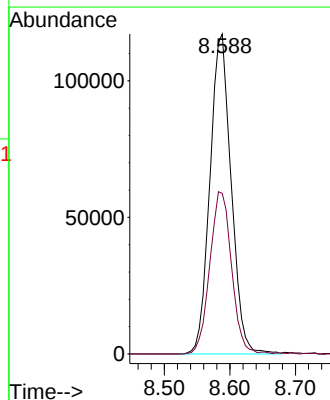
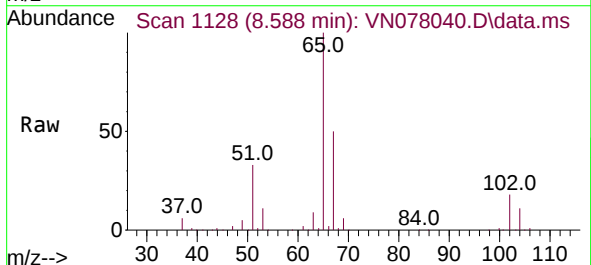


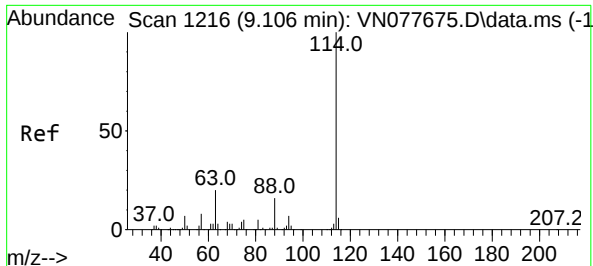
Tgt Ion:	84	Resp:	16742
Ion	Ratio	Lower	Upper
84	100		
49	86.4	79.7	119.5
51	37.9	25.2	37.8#
86	43.5	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 47.077 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

Tgt Ion:	65	Resp:	263164
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#01

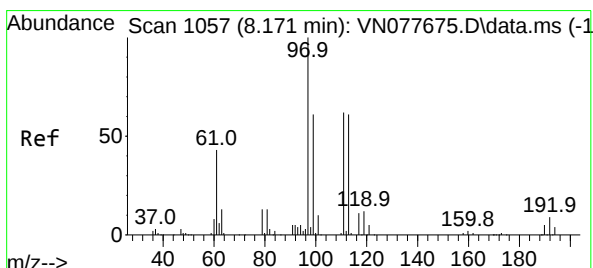
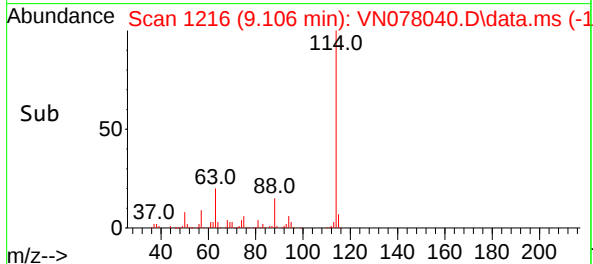
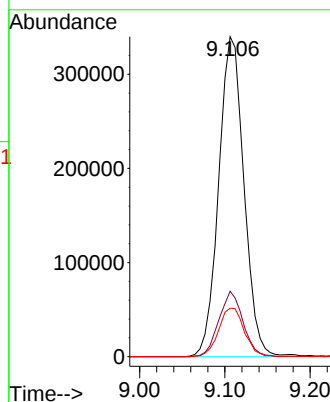
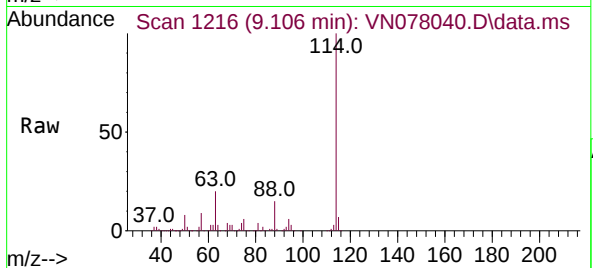
Tgt Ion:114 Resp: 697880

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.174 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

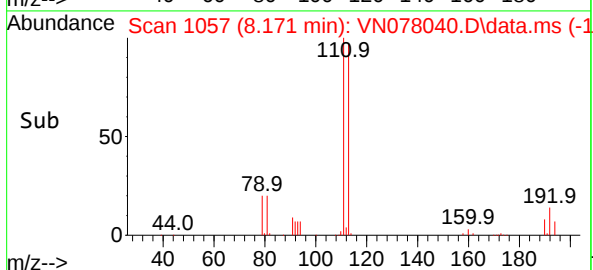
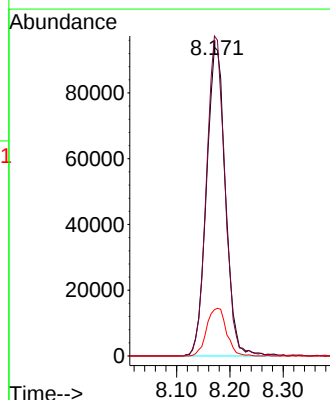
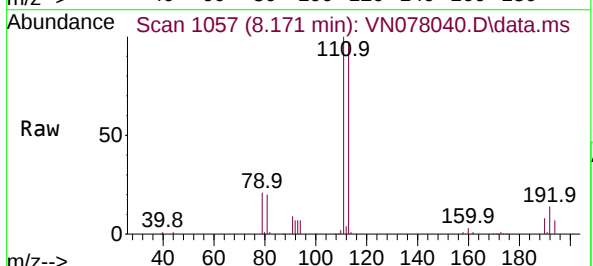
Tgt Ion:113 Resp: 232881

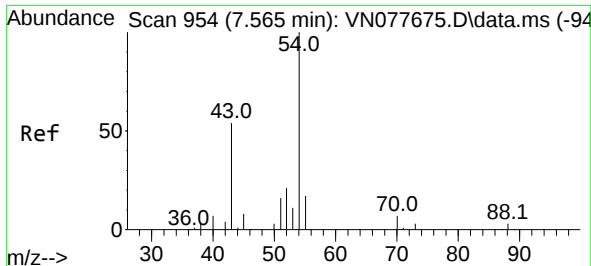
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 16.0 12.7 19.1





#37

Ethyl Acetate

Concen: 11.471 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#01

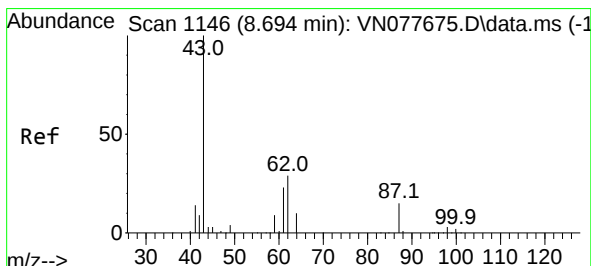
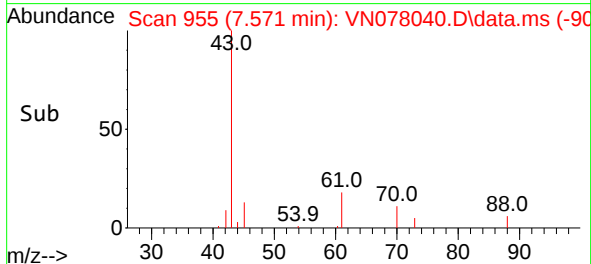
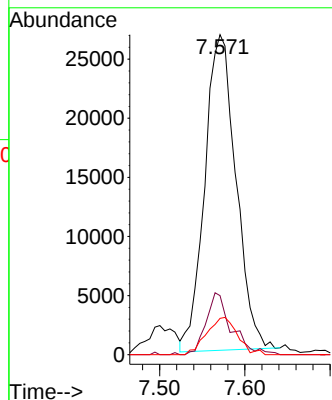
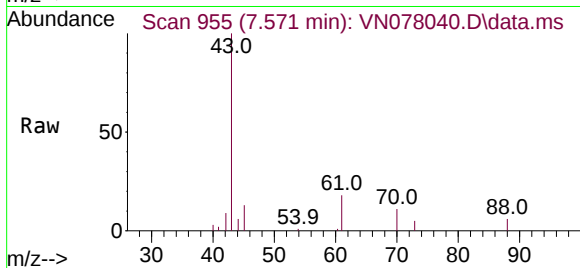
Tgt Ion: 43 Resp: 68054

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 11.6 11.3 16.9



#43

Isopropyl Acetate

Concen: 38.116 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

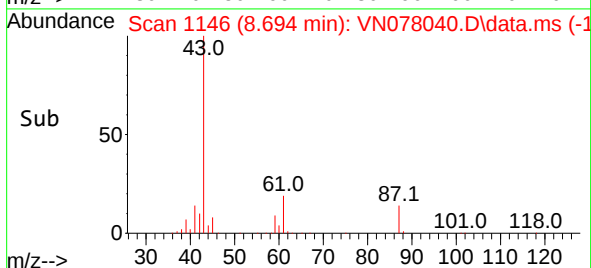
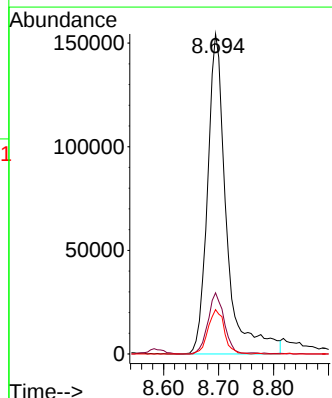
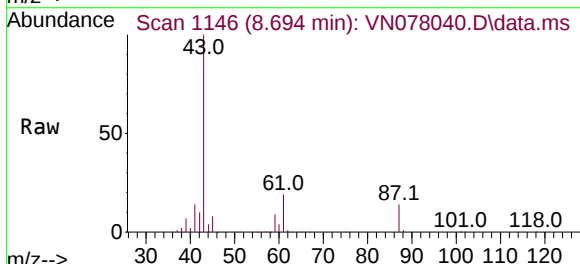
Tgt Ion: 43 Resp: 369368

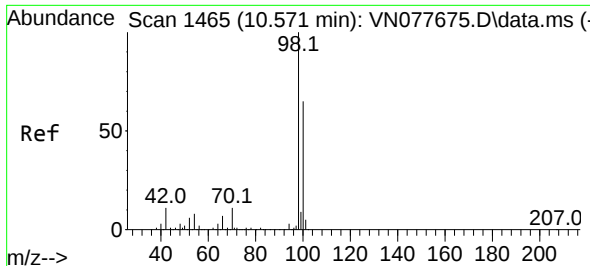
Ion Ratio Lower Upper

43 100

61 16.3 24.7 37.1#

87 11.9 14.6 21.8#

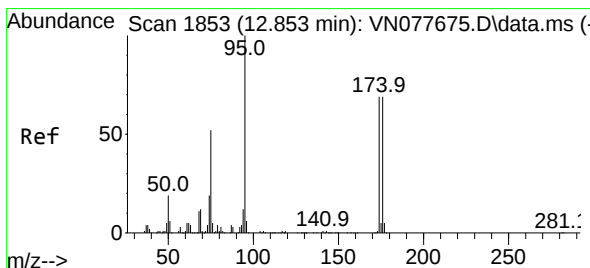
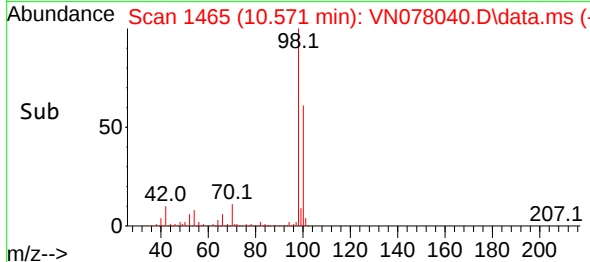
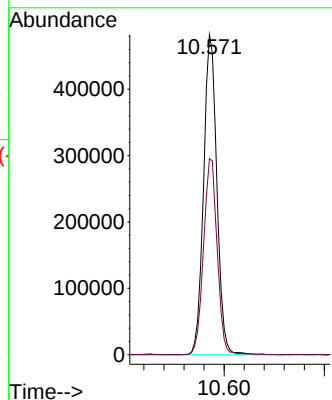
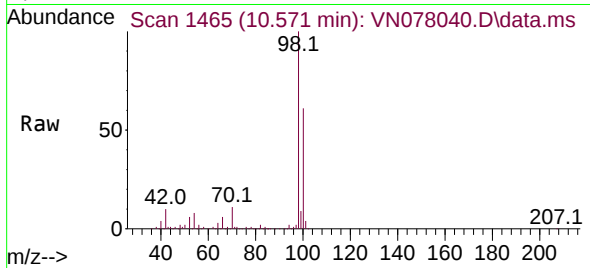




#50
Toluene-d8
Concen: 50.567 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

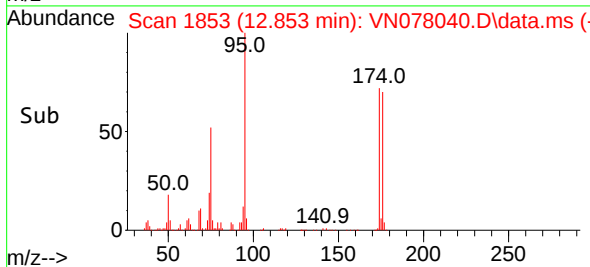
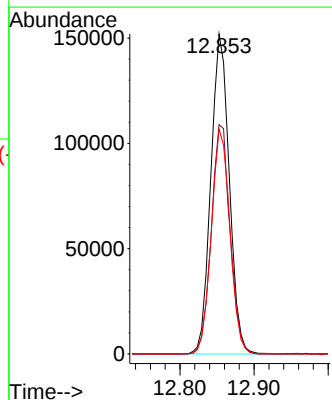
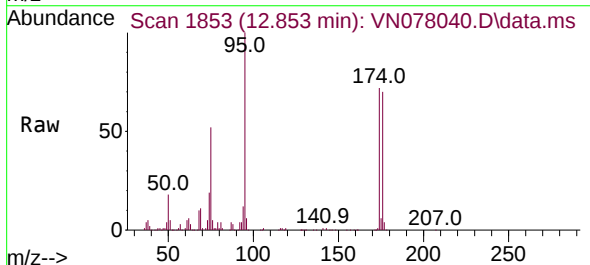
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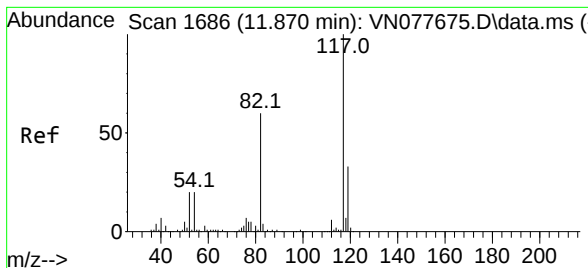
Tgt Ion: 98 Resp: 885756
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078040.D
Acq: 05 Jun 2023 13:33

Tgt Ion: 95 Resp: 262107
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 70.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#01

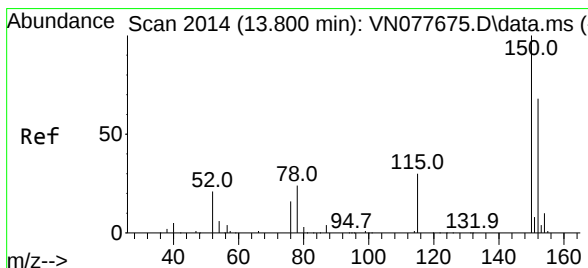
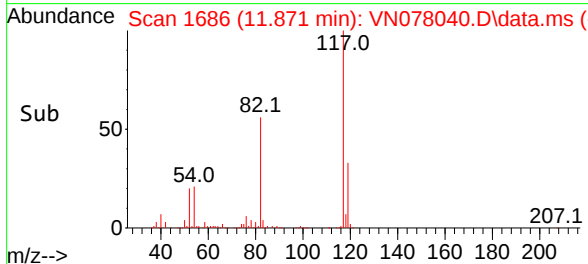
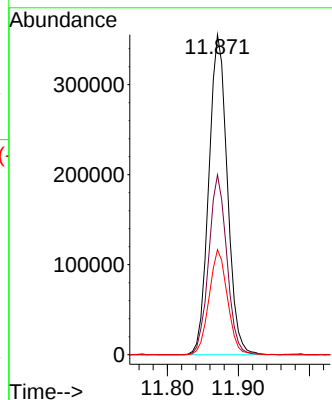
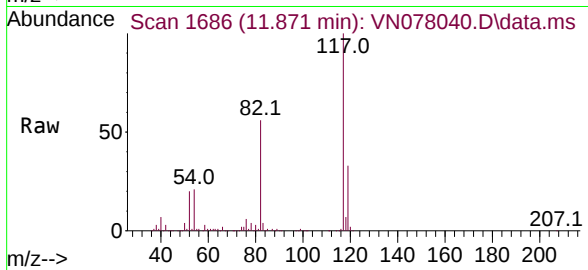
Tgt Ion:117 Resp: 642314

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078040.D

Acq: 05 Jun 2023 13:33

Tgt Ion:152 Resp: 196980

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 154.9 0.0 355.8

