

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078046.D
 Acq On : 05 Jun 2023 15:57
 Operator : JC\MD
 Sample : PB153198ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#07

Quant Time: Jun 06 02:03:07 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)

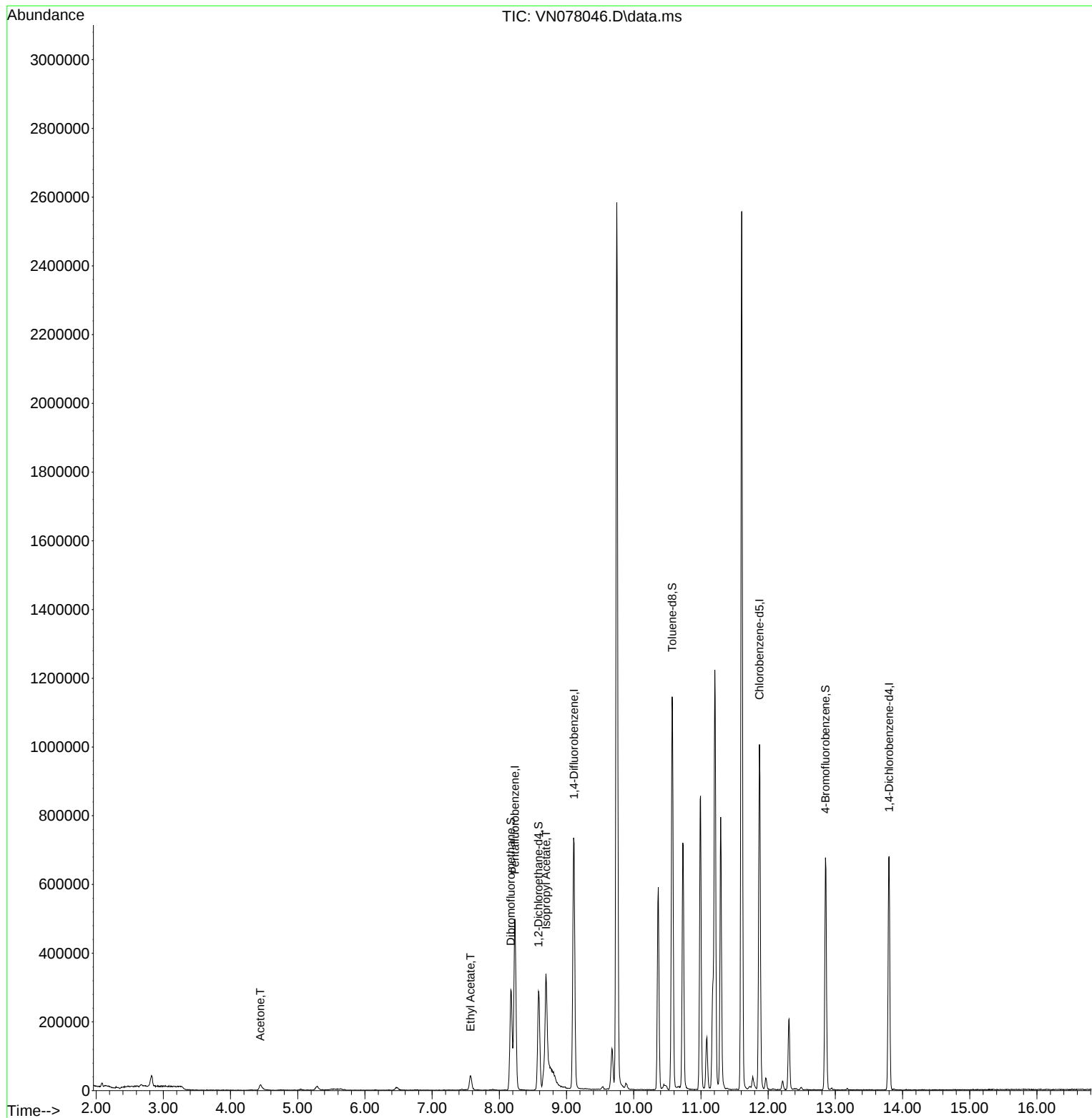
Internal Standards						
1) Pentafluorobenzene	8.230	168	357401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	656470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	610067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	192709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237696	44.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	8.171	113	214571	50.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	10.571	98	816982	49.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.853	95	248436	42.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.380%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	29204	17.358	ug/l	90
37) Ethyl Acetate	7.571	43	61796	11.073	ug/l #	91
43) Isopropyl Acetate	8.694	43	534917	58.682	ug/l #	69

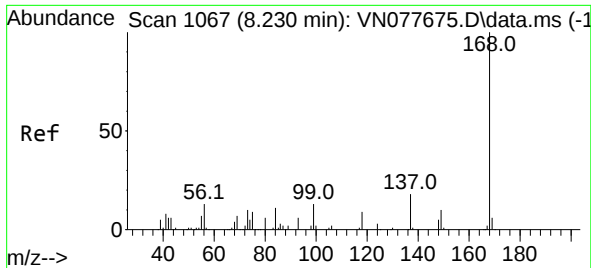
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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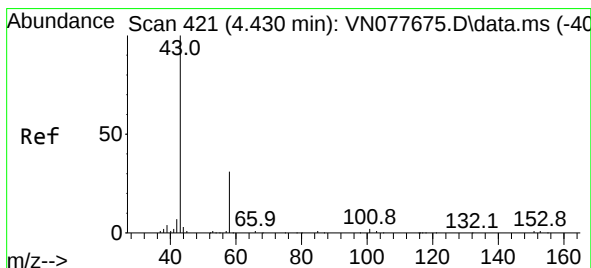
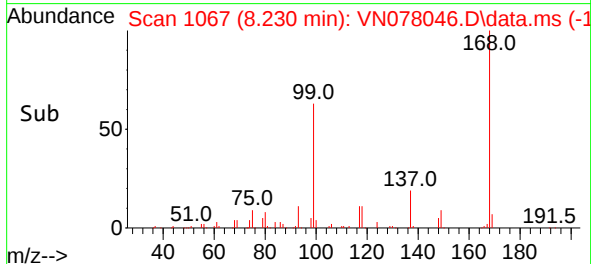
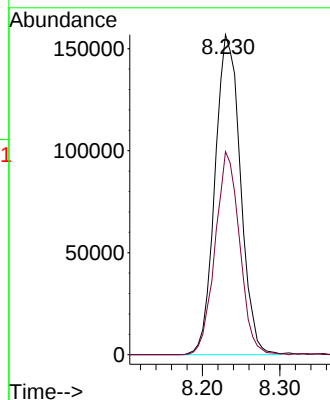
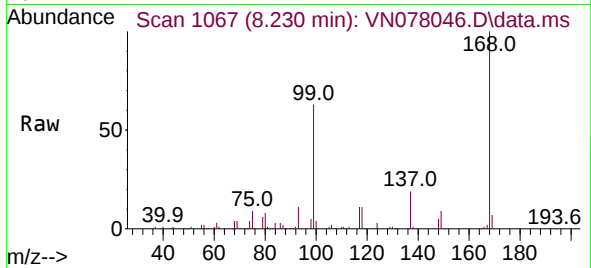




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078046.D
Acq: 05 Jun 2023 15:57

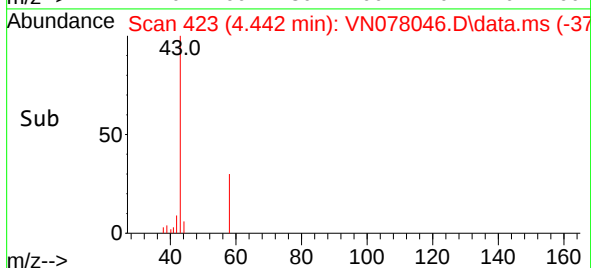
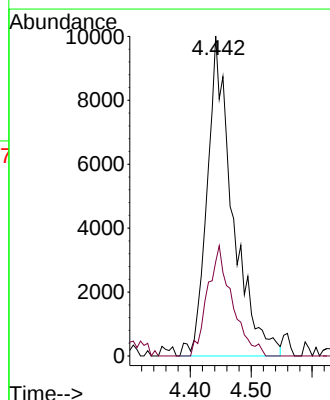
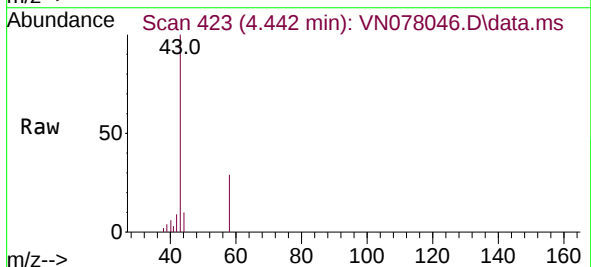
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#07

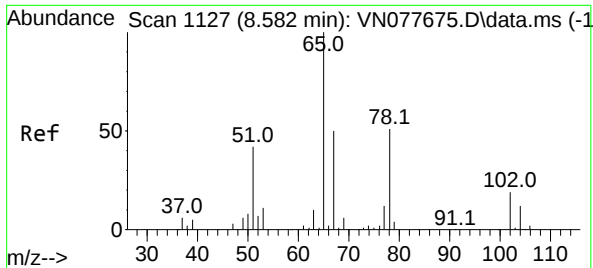
Tgt Ion:168 Resp: 357401
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#16
Acetone
Concen: 17.358 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078046.D
Acq: 05 Jun 2023 15:57

Tgt Ion: 43 Resp: 29204
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 44.449 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN078046.D

Acq: 05 Jun 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

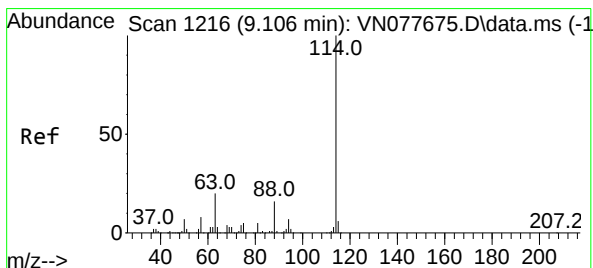
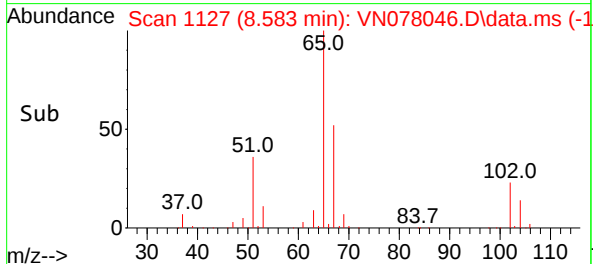
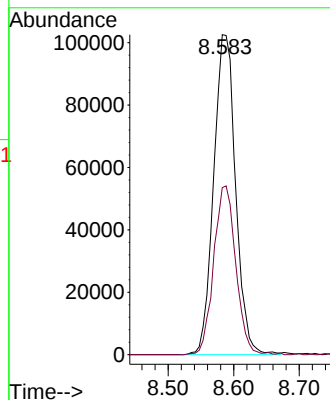
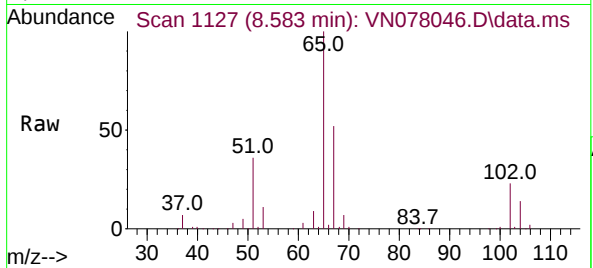
PB153198ZHE#07

Tgt Ion: 65 Resp: 237696

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078046.D

Acq: 05 Jun 2023 15:57

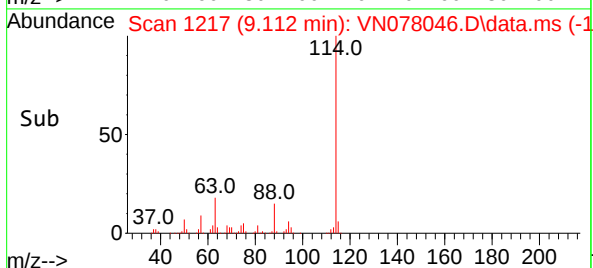
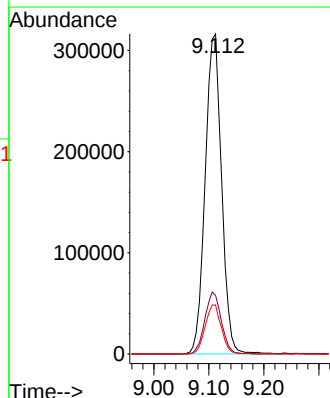
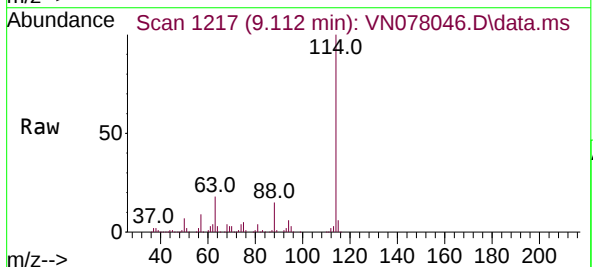
Tgt Ion: 114 Resp: 656470

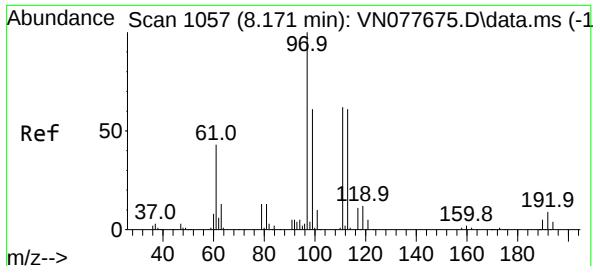
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.124 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078046.D

Acq: 05 Jun 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#07

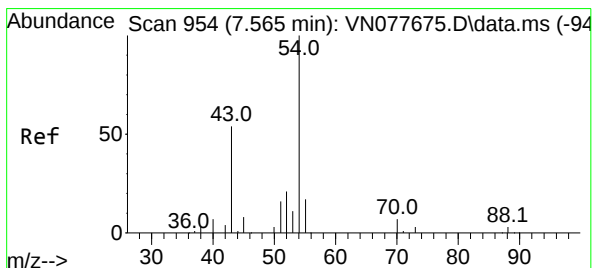
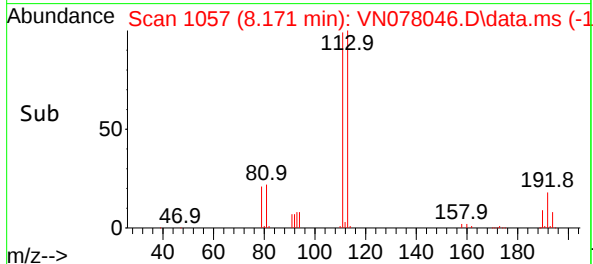
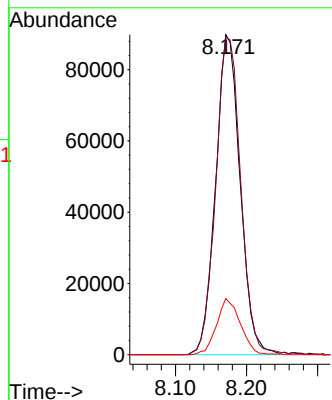
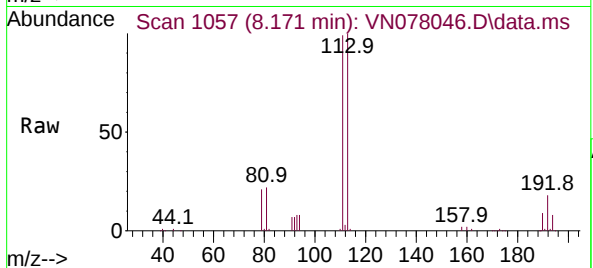
Tgt Ion:113 Resp: 214571

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 17.1 12.7 19.1



#37

Ethyl Acetate

Concen: 11.073 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN078046.D

Acq: 05 Jun 2023 15:57

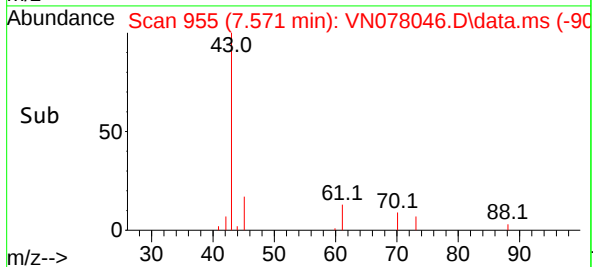
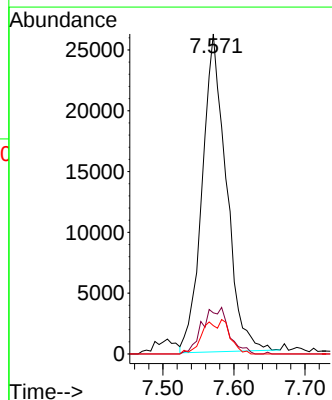
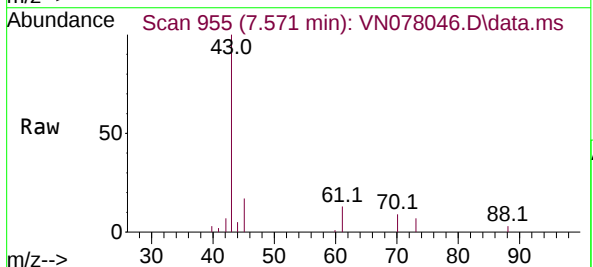
Tgt Ion: 43 Resp: 61796

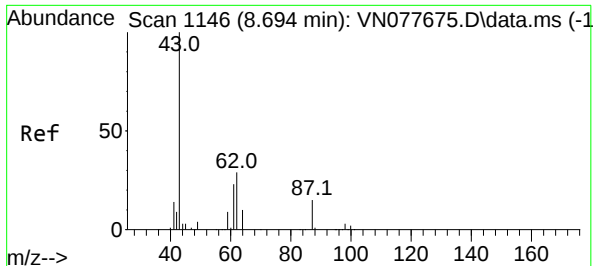
Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 7.0 11.3 16.9#





#43

Isopropyl Acetate

Concen: 58.682 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078046.D

Acq: 05 Jun 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#07

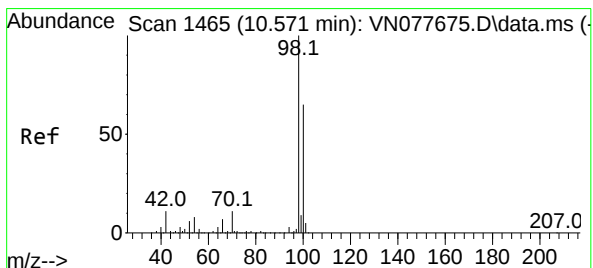
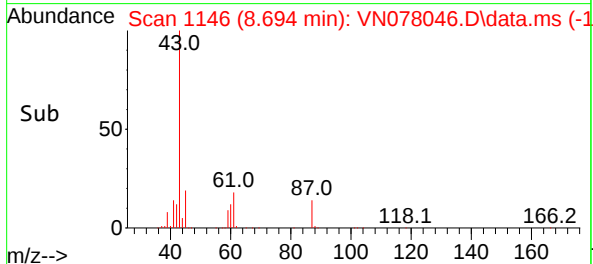
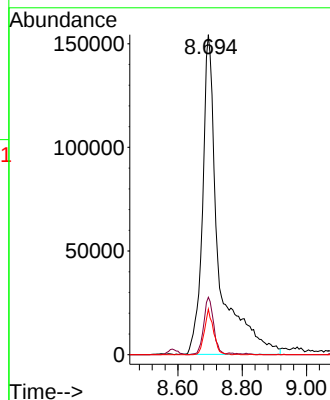
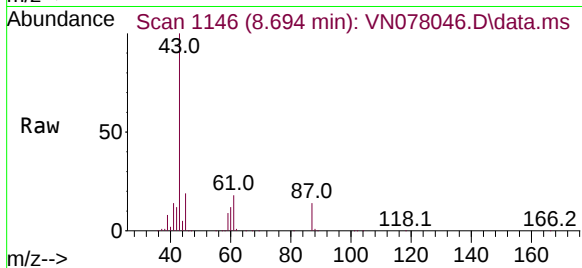
Tgt Ion: 43 Resp: 534917

Ion Ratio Lower Upper

43 100

61 11.1 24.7 37.1#

87 8.0 14.6 21.8#



#50

Toluene-d8

Concen: 49.583 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078046.D

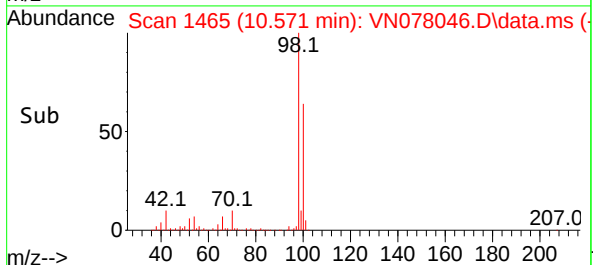
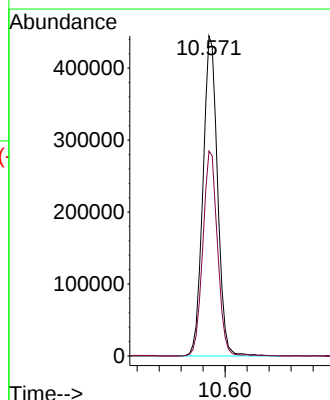
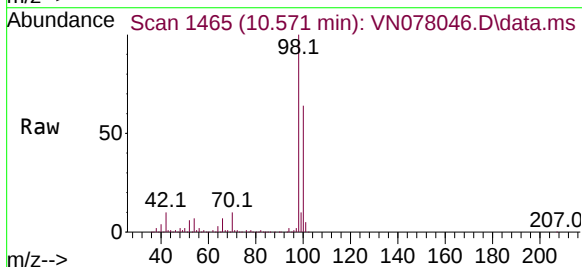
Acq: 05 Jun 2023 15:57

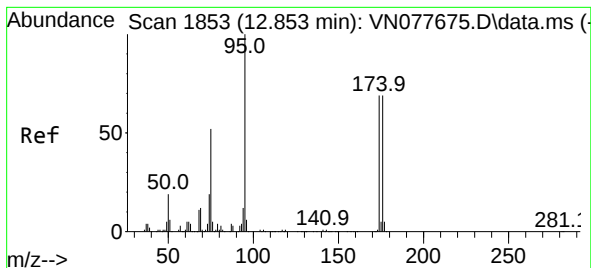
Tgt Ion: 98 Resp: 816982

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

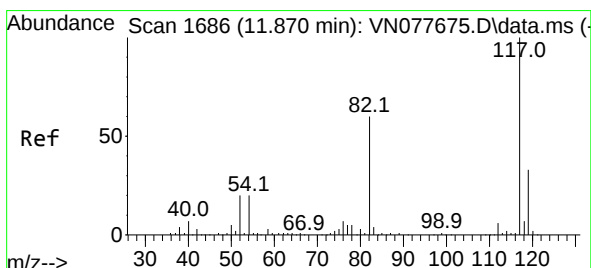
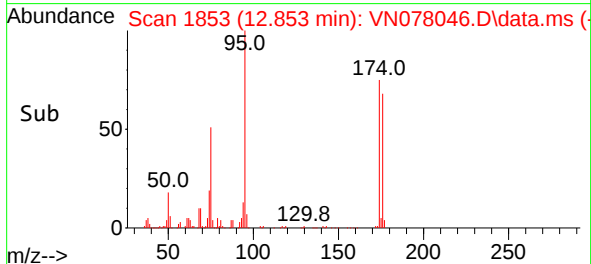
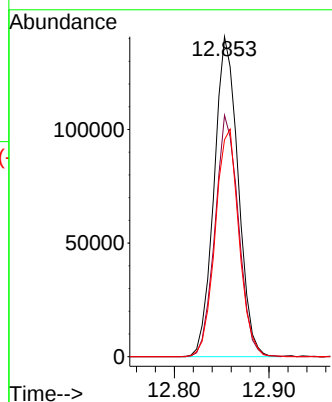
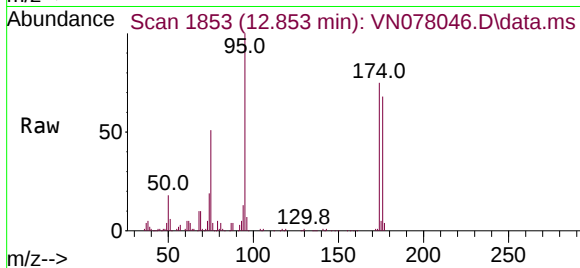




#62
4-Bromofluorobenzene
Concen: 42.691 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078046.D
Acq: 05 Jun 2023 15:57

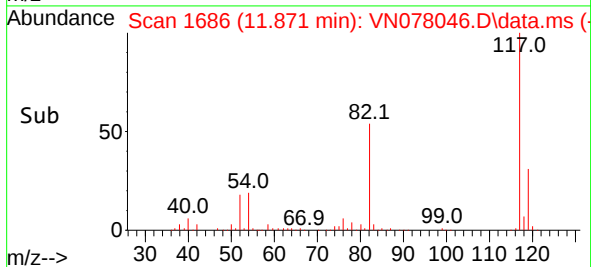
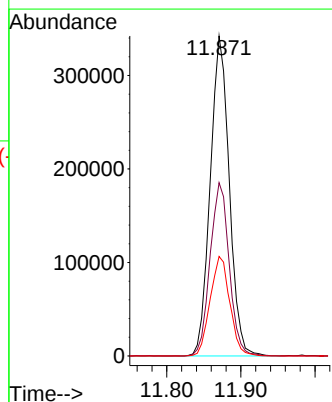
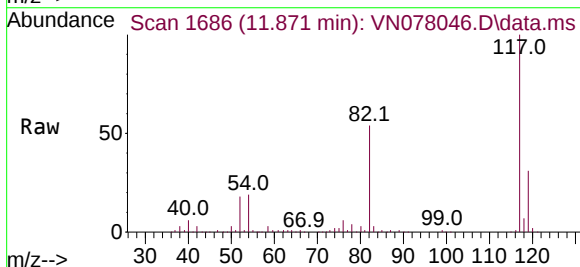
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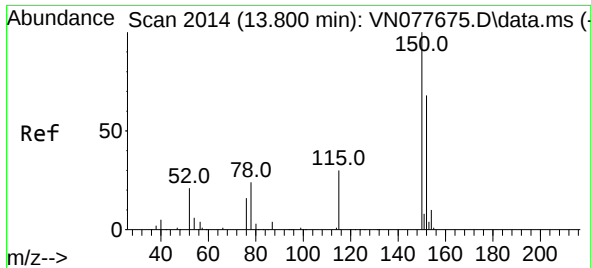
Tgt Ion: 95 Resp: 248436
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 70.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078046.D
Acq: 05 Jun 2023 15:57

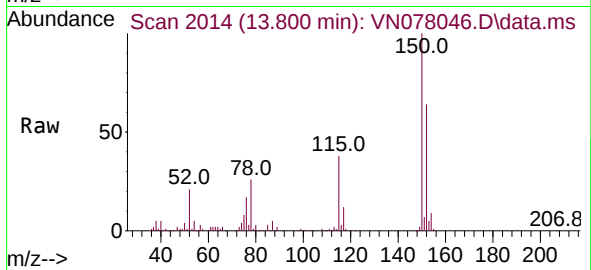
Tgt Ion: 117 Resp: 610067
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078046.D
 Acq: 05 Jun 2023 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#07



Tgt Ion:152 Resp: 192709

Ion	Ratio	Lower	Upper
152	100		
115	61.5	32.3	96.8
150	158.3	0.0	355.8

