

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078051.D
 Acq On : 05 Jun 2023 17:57
 Operator : JC\MD
 Sample : PB153198ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#12

Quant Time: Jun 06 02:05:15 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)

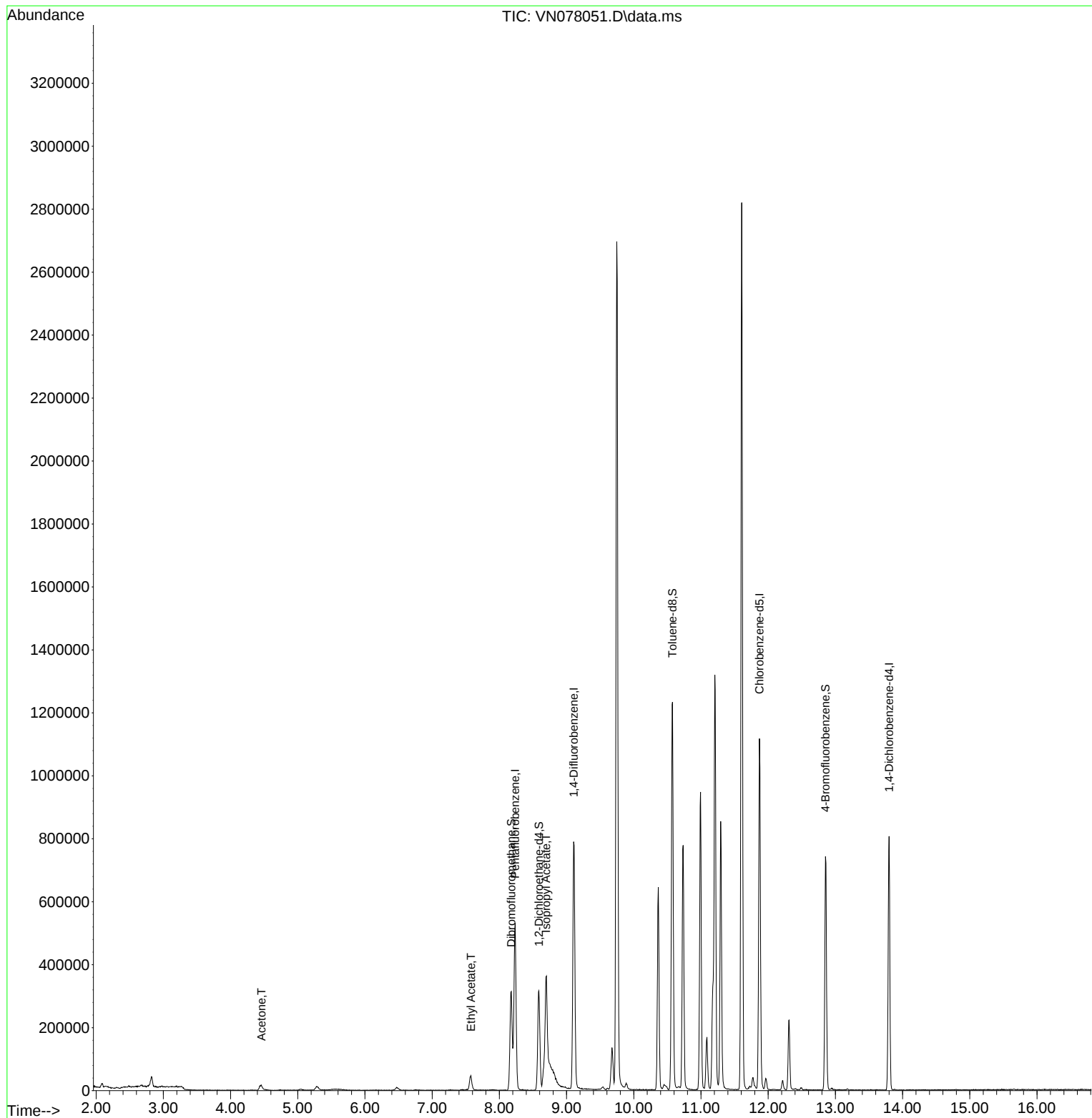
Internal Standards						
1) Pentafluorobenzene	8.235	168	377314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	668596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263911	46.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.177	113	230546	49.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	10.576	98	895637	49.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.853	95	271858	42.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.160%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	28847	16.241	ug/l	97
37) Ethyl Acetate	7.577	43	66515	10.863	ug/l	98
43) Isopropyl Acetate	8.694	43	596937	59.684	ug/l #	68

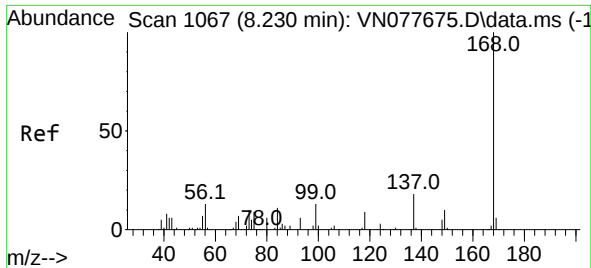
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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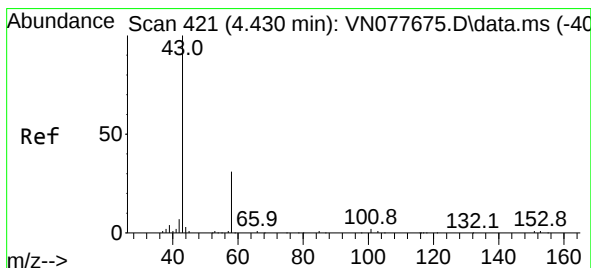
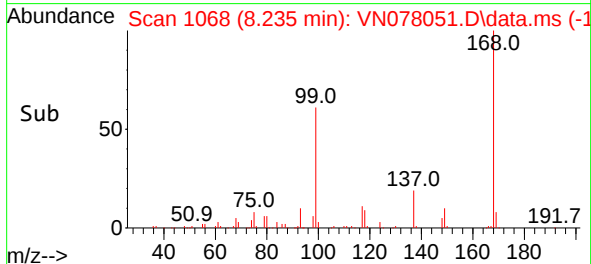
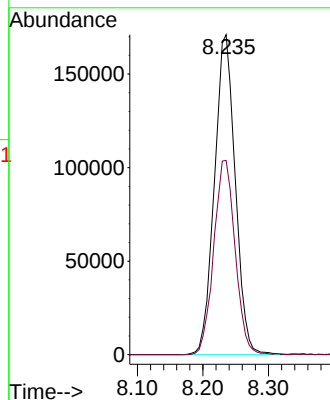
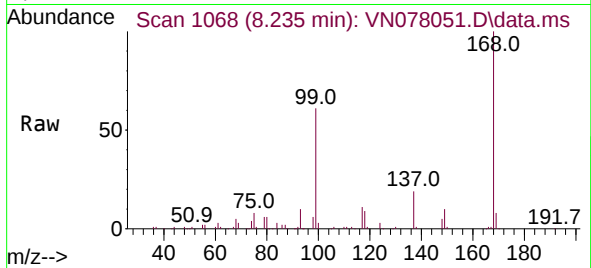




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078051.D
Acq: 05 Jun 2023 17:57

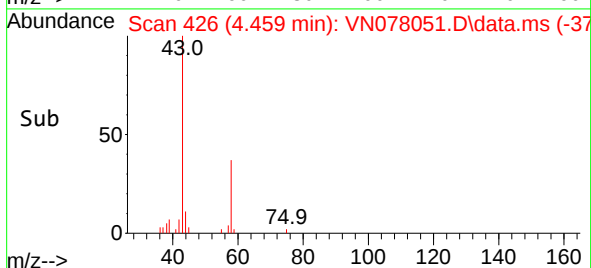
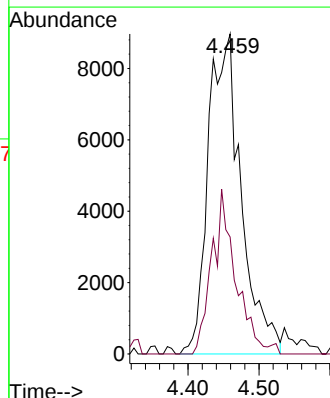
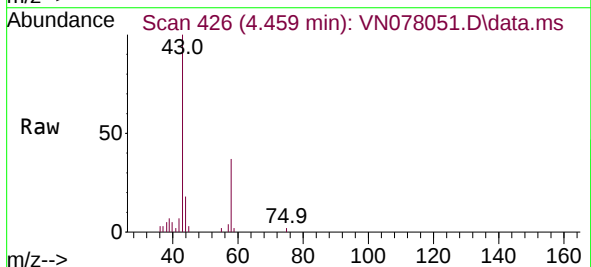
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#12

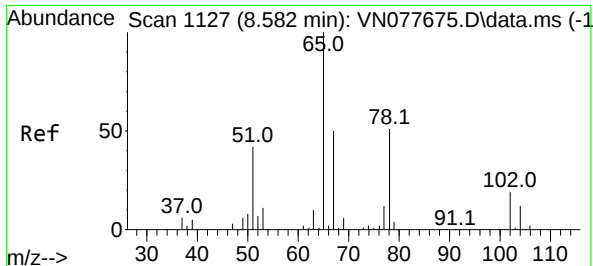
Tgt Ion:168 Resp: 377314
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#16
Acetone
Concen: 16.241 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN078051.D
Acq: 05 Jun 2023 17:57

Tgt Ion: 43 Resp: 28847
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 46.746 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078051.D

Acq: 05 Jun 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

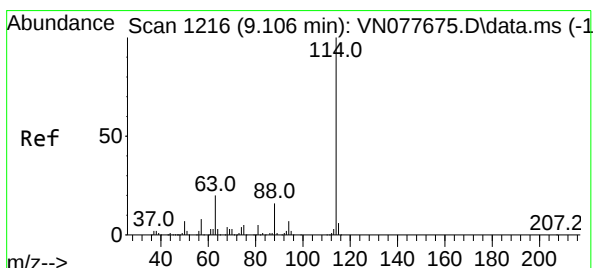
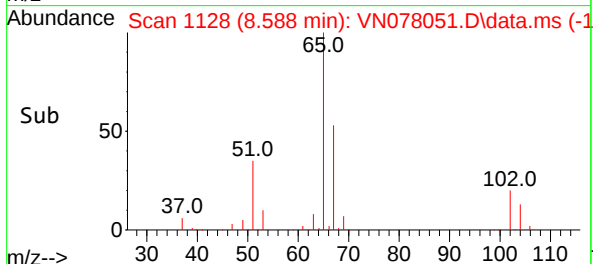
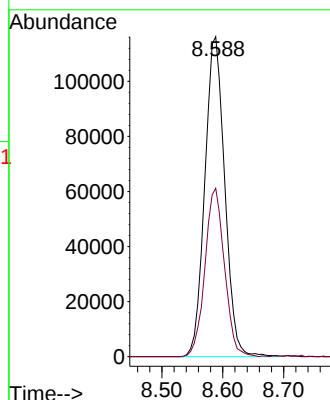
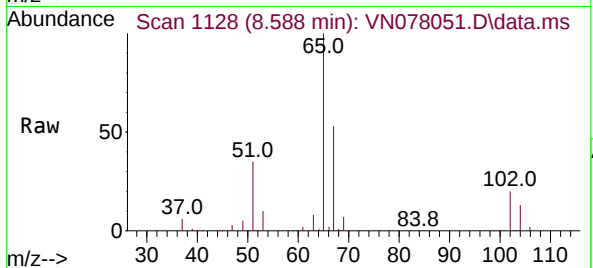
PB153198ZHE#12

Tgt Ion: 65 Resp: 263911

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078051.D

Acq: 05 Jun 2023 17:57

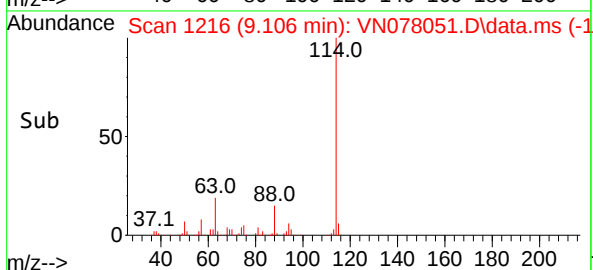
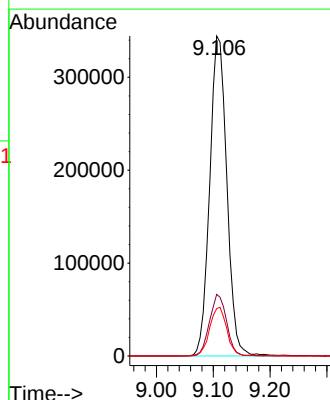
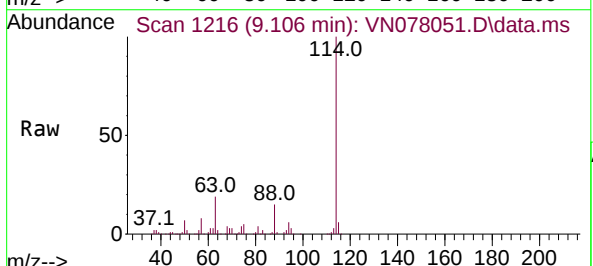
Tgt Ion: 114 Resp: 720278

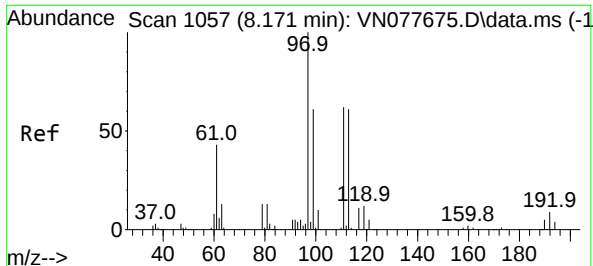
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.085 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078051.D

Acq: 05 Jun 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#12

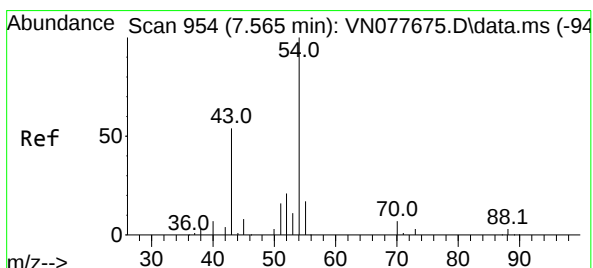
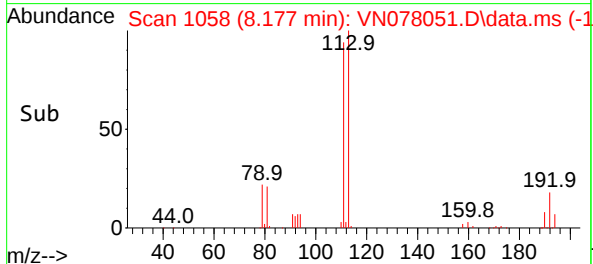
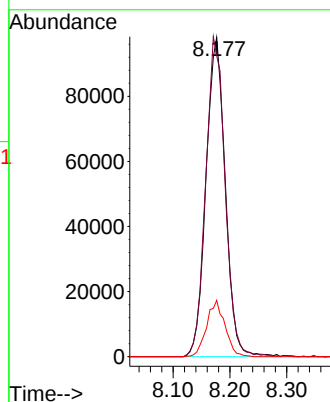
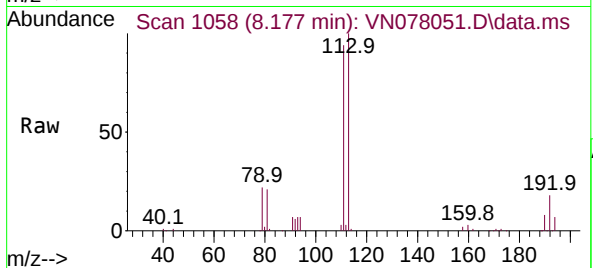
Tgt Ion:113 Resp: 230546

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 10.863 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN078051.D

Acq: 05 Jun 2023 17:57

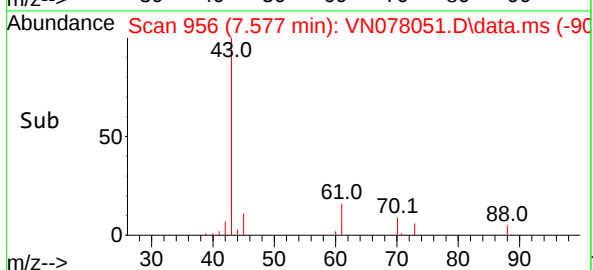
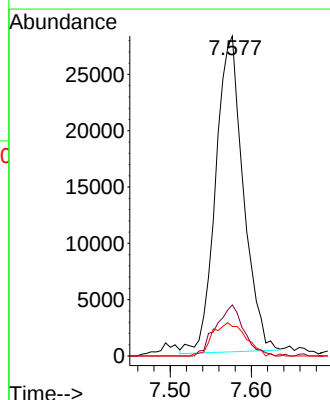
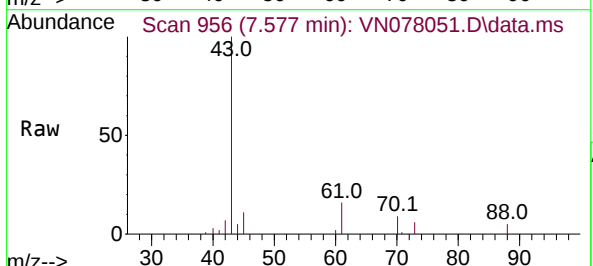
Tgt Ion: 43 Resp: 66515

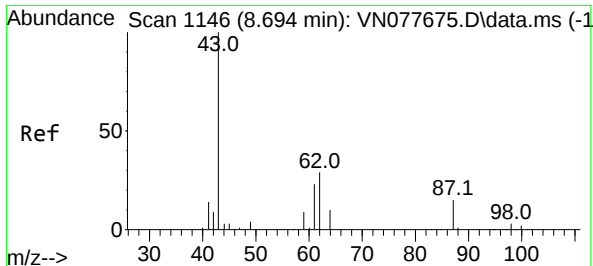
Ion Ratio Lower Upper

43 100

61 16.4 13.2 19.8

70 12.7 11.3 16.9





#43

Isopropyl Acetate

Concen: 59.684 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078051.D

Acq: 05 Jun 2023 17:57

Instrument :

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PB153198ZHE#12

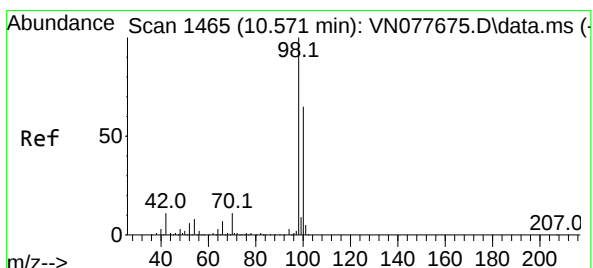
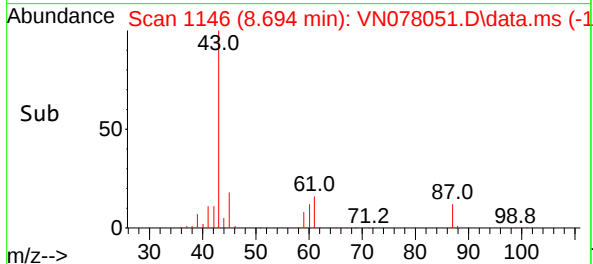
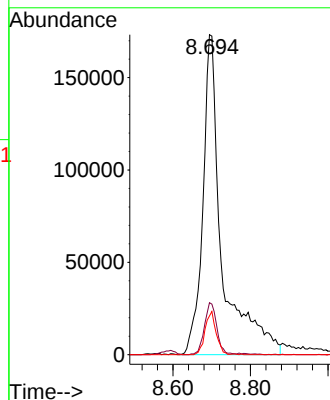
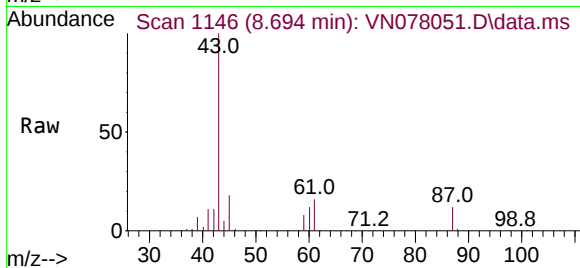
Tgt Ion: 43 Resp: 596937

Ion Ratio Lower Upper

43 100

61 10.5 24.7 37.1#

87 7.8 14.6 21.8#



#50

Toluene-d8

Concen: 49.541 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078051.D

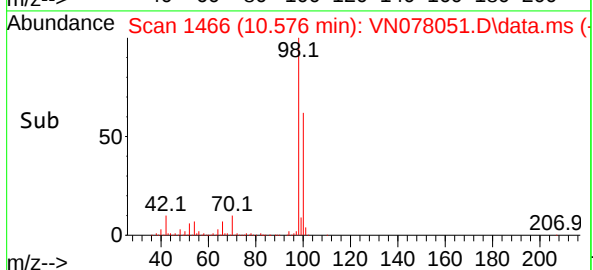
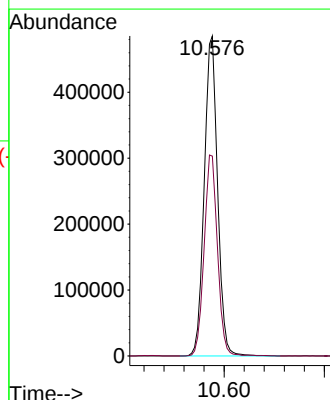
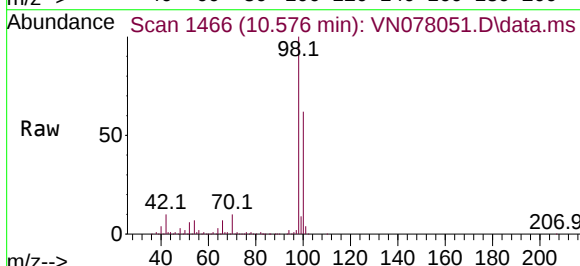
Acq: 05 Jun 2023 17:57

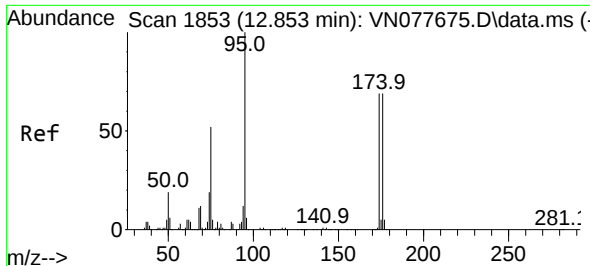
Tgt Ion: 98 Resp: 895637

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0

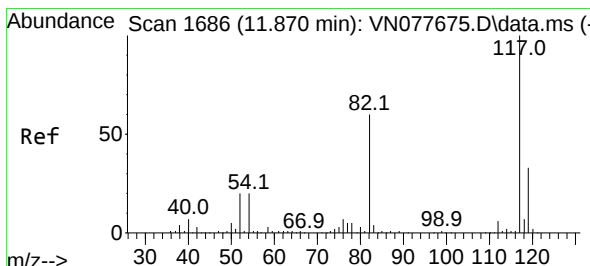
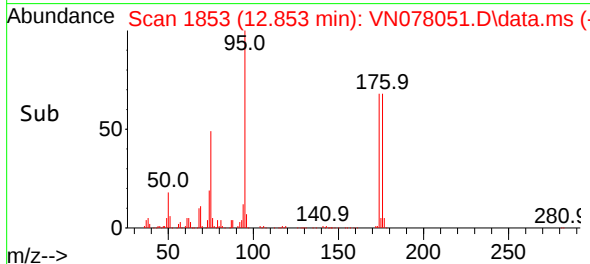
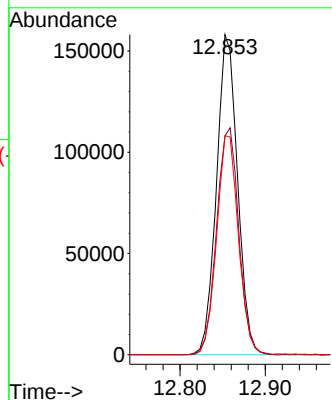
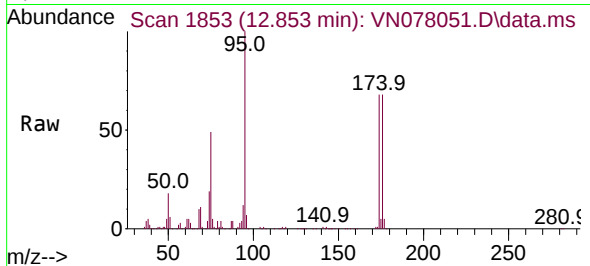




#62
4-Bromofluorobenzene
Concen: 42.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078051.D
Acq: 05 Jun 2023 17:57

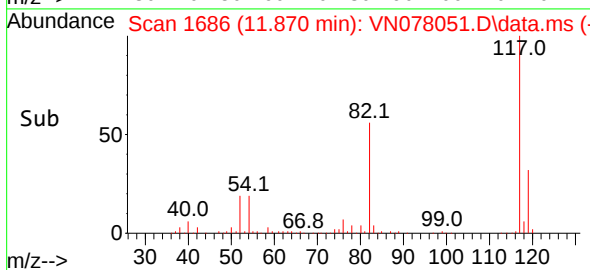
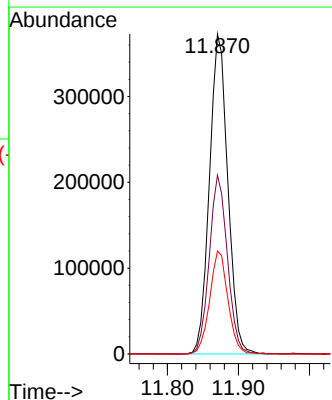
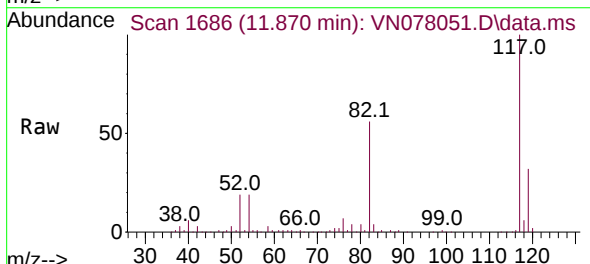
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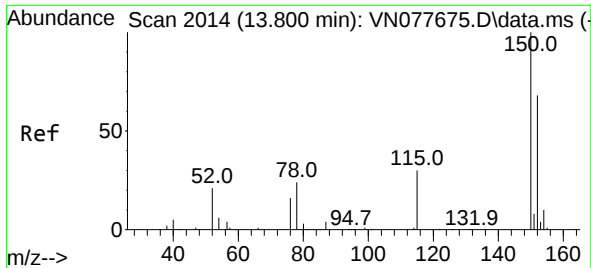
Tgt Ion: 95 Resp: 271858
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078051.D
Acq: 05 Jun 2023 17:57

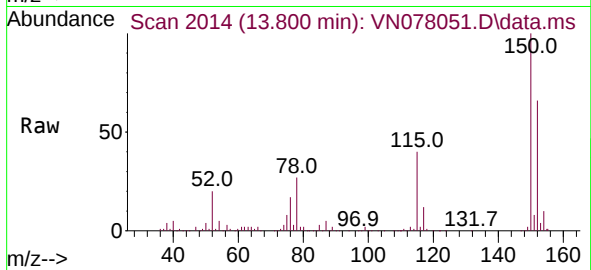
Tgt Ion: 117 Resp: 668596
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078051.D
 Acq: 05 Jun 2023 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#12



Tgt Ion:152 Resp: 223318
 Ion Ratio Lower Upper
 152 100
 115 59.7 32.3 96.8
 150 154.0 0.0 355.8

