

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078050.D
 Acq On : 05 Jun 2023 17:33
 Operator : JC\MD
 Sample : PB153198ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#11

Quant Time: Jun 06 02:04:48 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)

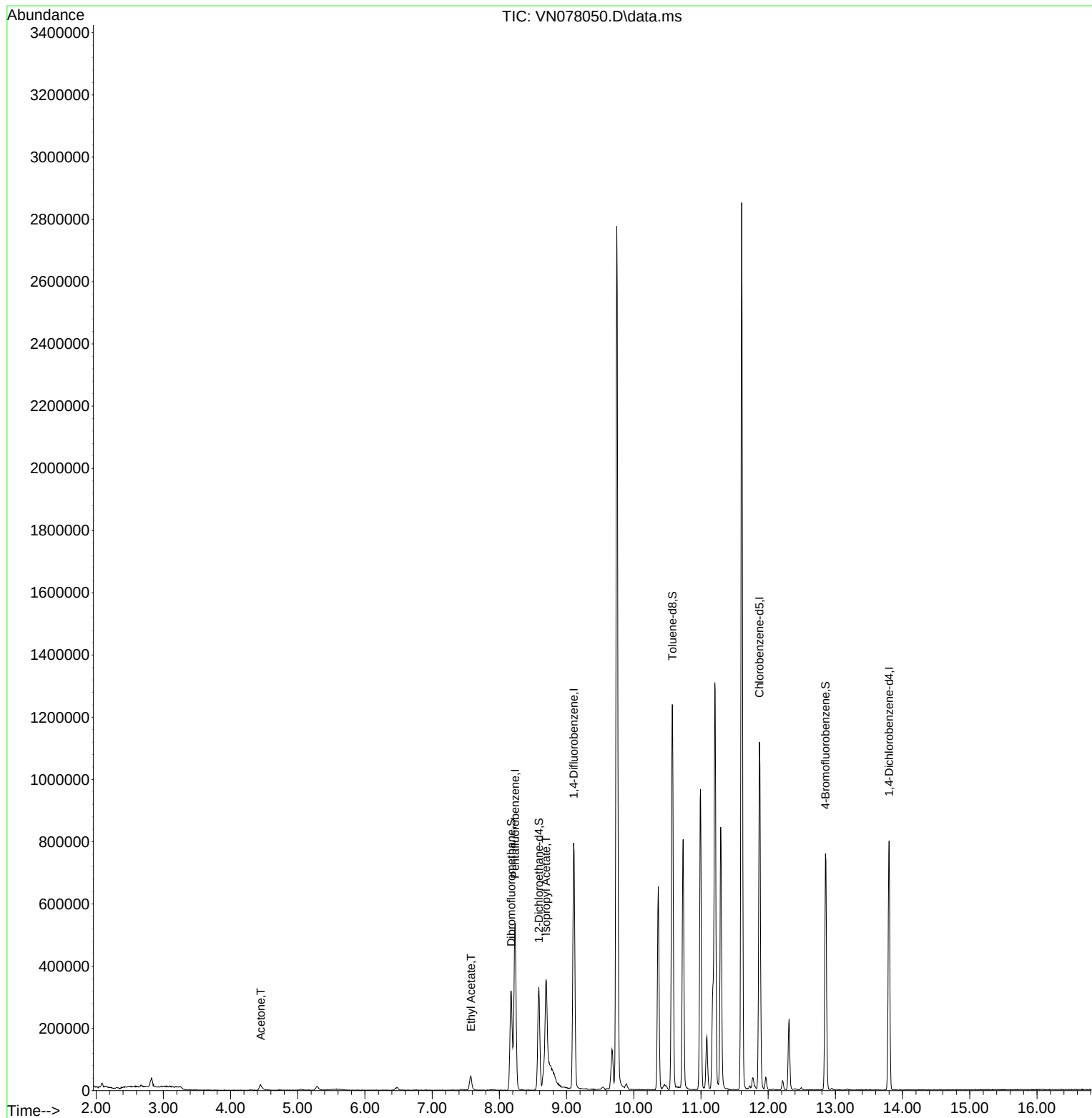
Internal Standards						
1) Pentafluorobenzene	8.236	168	384651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	719729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	671158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264079	45.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.760%		
35) Dibromofluoromethane	8.177	113	228855	48.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	10.577	98	903222	49.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.000%		
62) 4-Bromofluorobenzene	12.853	95	271241	42.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.020%		
Target Compounds						
16) Acetone	4.448	43	29662	16.381	ug/l	95
37) Ethyl Acetate	7.577	43	66324	10.840	ug/l	99
43) Isopropyl Acetate	8.694	43	603782	60.415	ug/l #	68

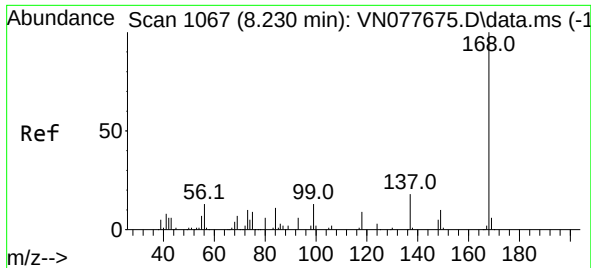
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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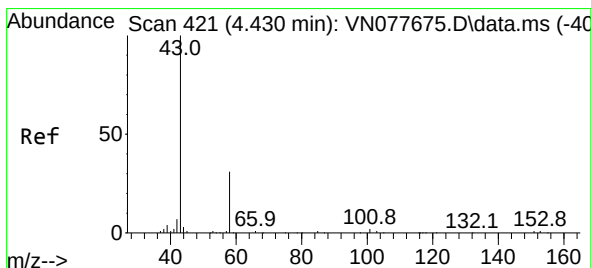
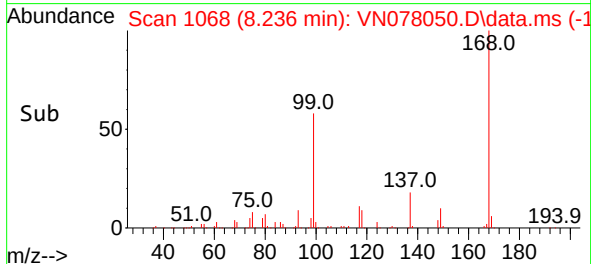
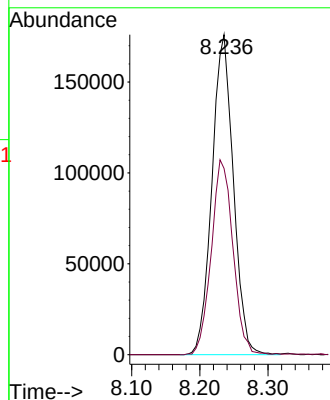
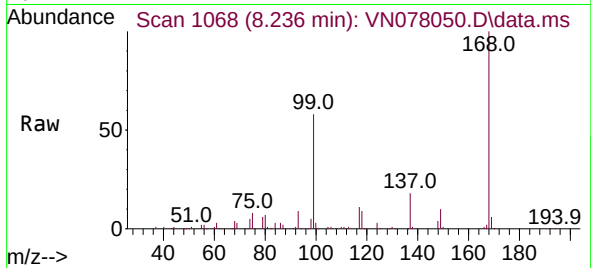




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

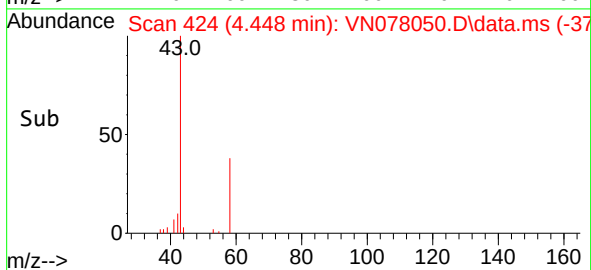
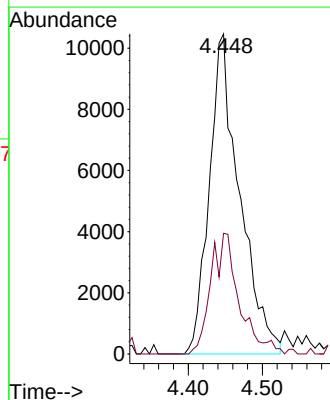
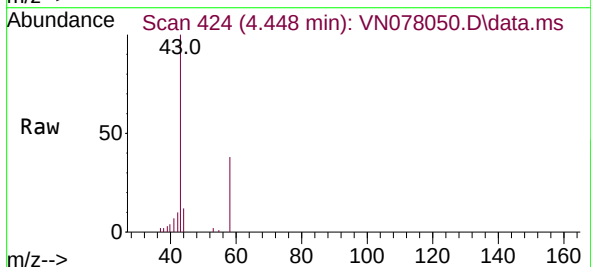
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#11

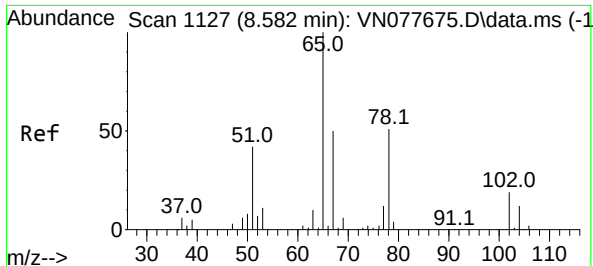
Tgt Ion:168 Resp: 384651
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#16
Acetone
Concen: 16.381 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

Tgt Ion: 43 Resp: 29662
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 45.884 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078050.D

Acq: 05 Jun 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

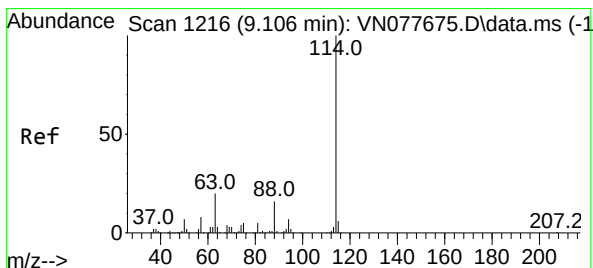
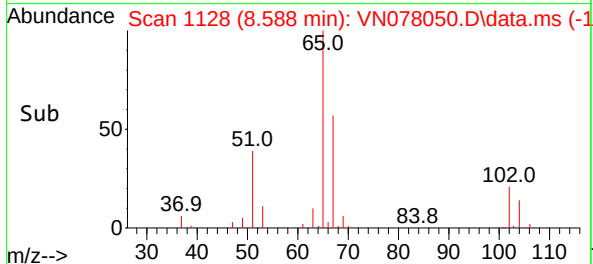
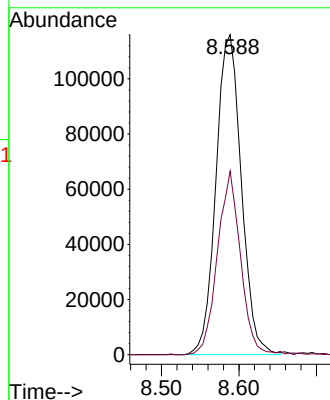
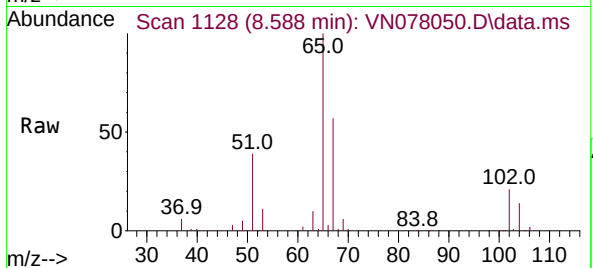
PB153198ZHE#11

Tgt Ion: 65 Resp: 264079

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# 1216

Delta R.T. 0.000 min

Lab File: VN078050.D

Acq: 05 Jun 2023 17:33

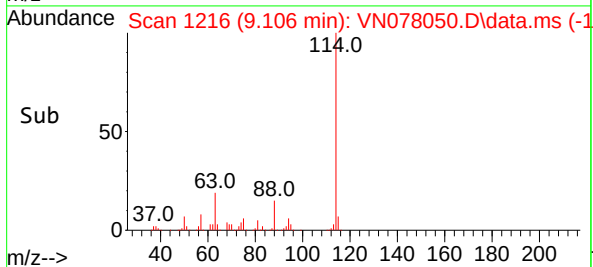
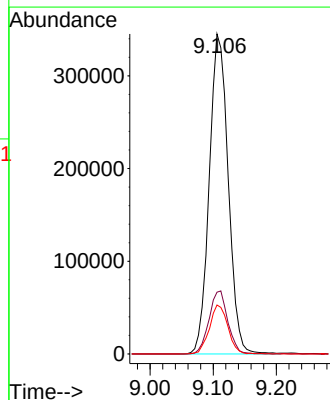
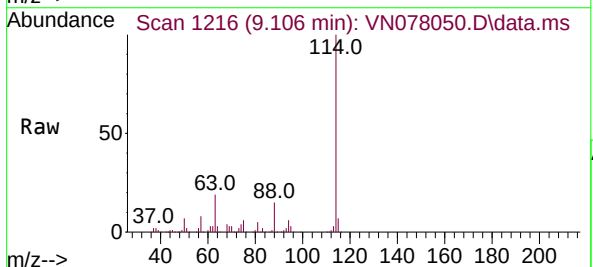
Tgt Ion: 114 Resp: 719729

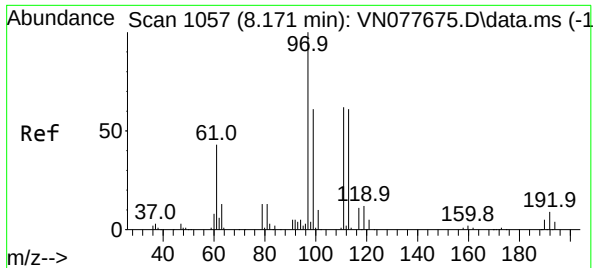
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.3 0.0 30.6

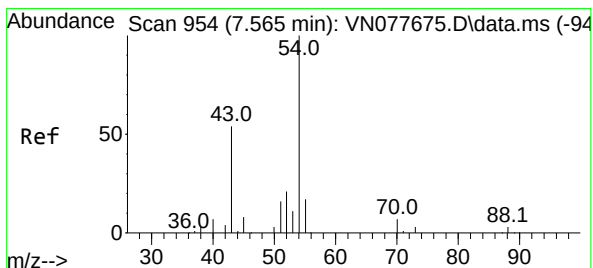
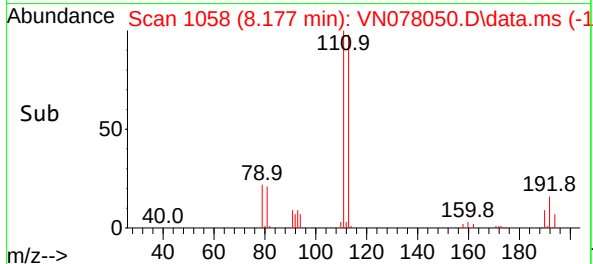
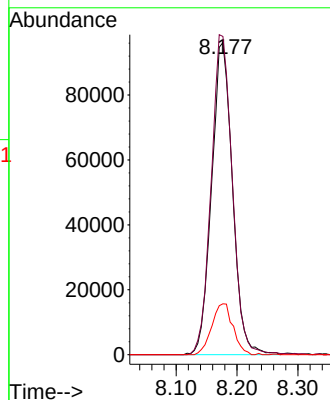
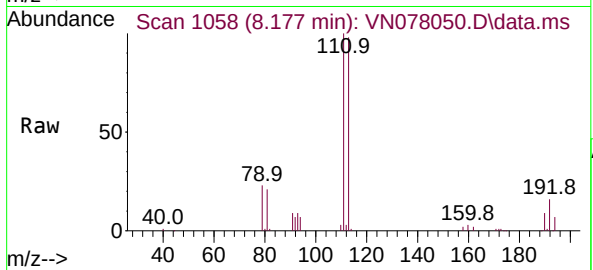




#35
Dibromofluoromethane
Concen: 48.762 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

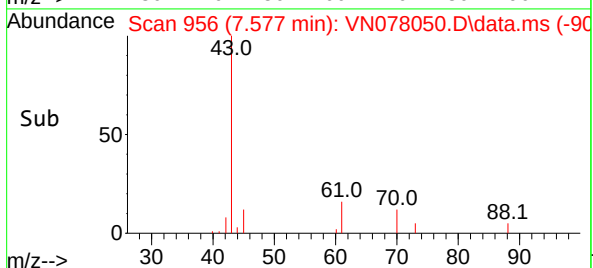
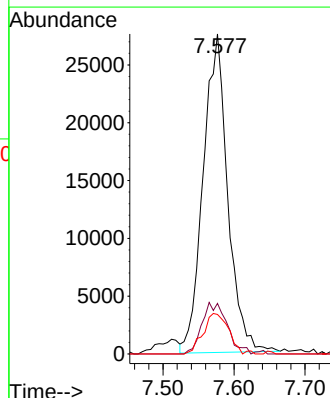
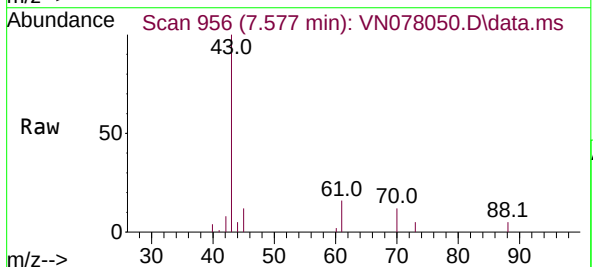
Instrument :
MSVOA_N
ClientSampleId :
PB153198ZHE#11

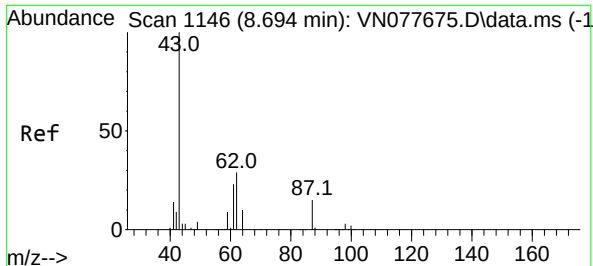
Tgt Ion:113 Resp: 228855
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.5 12.7 19.1



#37
Ethyl Acetate
Concen: 10.840 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

Tgt Ion: 43 Resp: 66324
Ion Ratio Lower Upper
43 100
61 16.6 13.2 19.8
70 13.2 11.3 16.9





#43

Isopropyl Acetate

Concen: 60.415 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078050.D

Acq: 05 Jun 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

PB153198ZHE#11

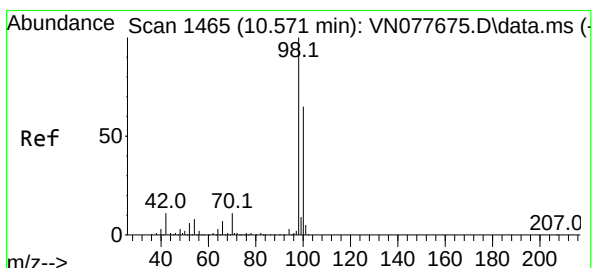
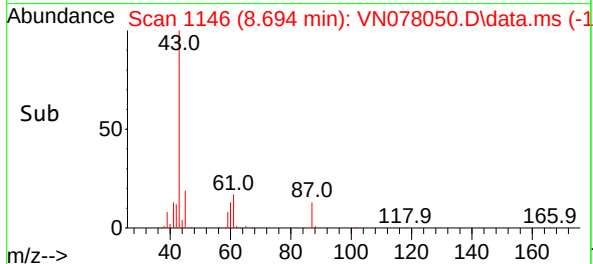
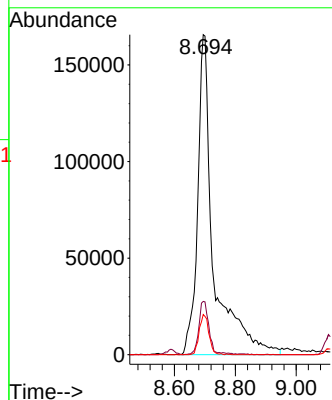
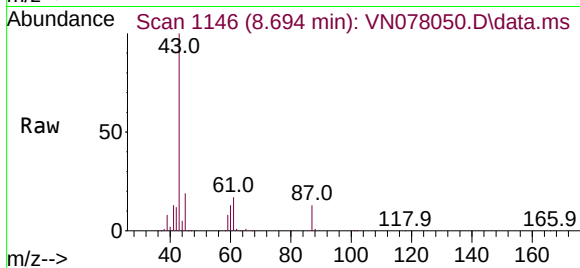
Tgt Ion: 43 Resp: 603782

Ion Ratio Lower Upper

43 100

61 10.7 24.7 37.1#

87 7.6 14.6 21.8#



#50

Toluene-d8

Concen: 49.999 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078050.D

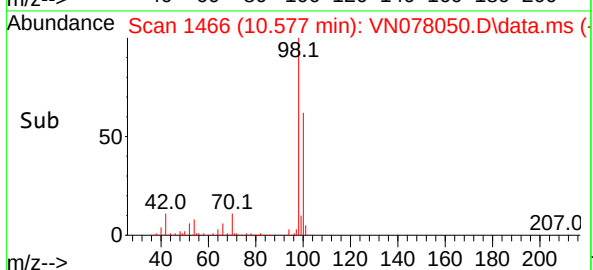
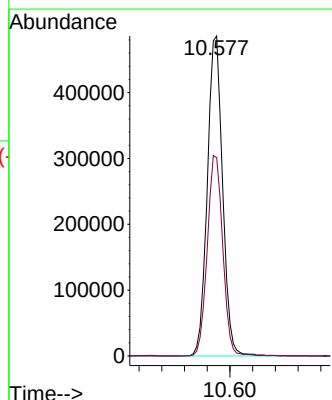
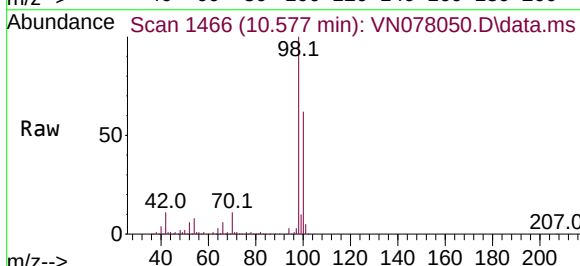
Acq: 05 Jun 2023 17:33

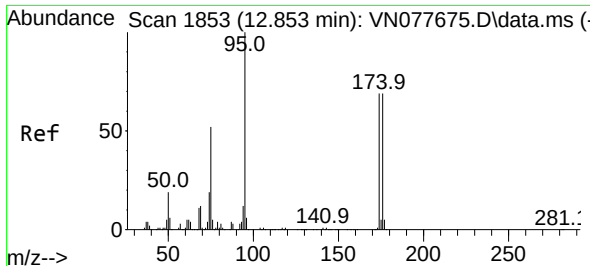
Tgt Ion: 98 Resp: 903222

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

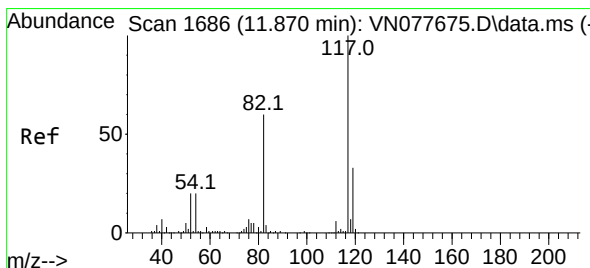
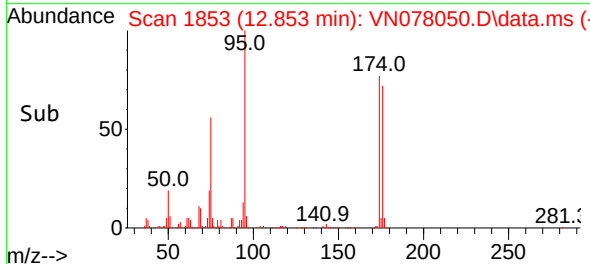
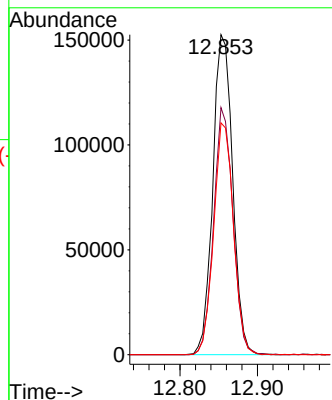
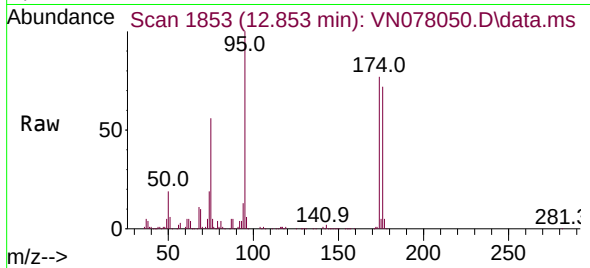




#62
4-Bromofluorobenzene
Concen: 42.514 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

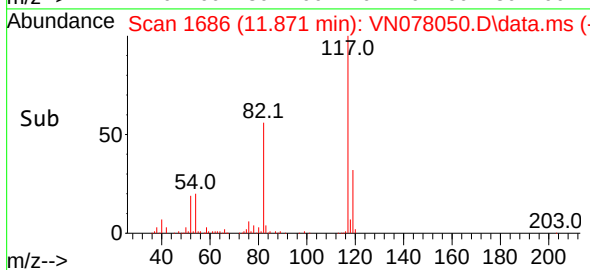
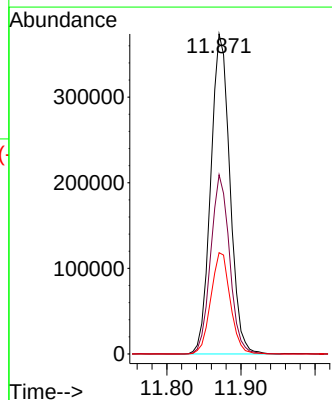
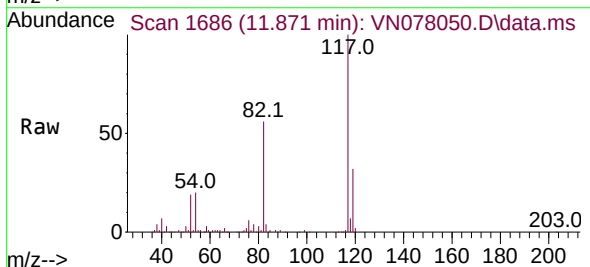
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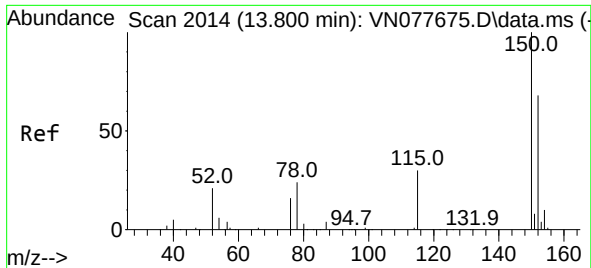
Tgt Ion: 95 Resp: 271241
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078050.D
Acq: 05 Jun 2023 17:33

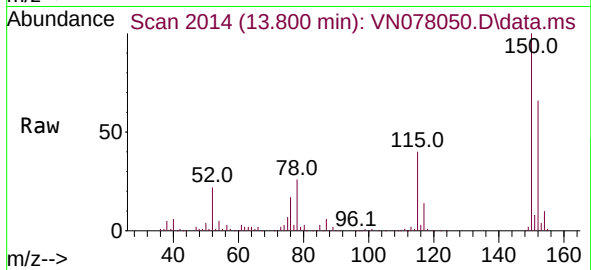
Tgt Ion: 117 Resp: 671158
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078050.D
 Acq: 05 Jun 2023 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153198ZHE#11



Tgt Ion:152 Resp: 218822
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 156.9 0.0 355.8

