

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078074.D
 Acq On : 06 Jun 2023 16:48
 Operator : JC\MD
 Sample : 03032-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-0A

Quant Time: Jun 07 01:23:11 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)

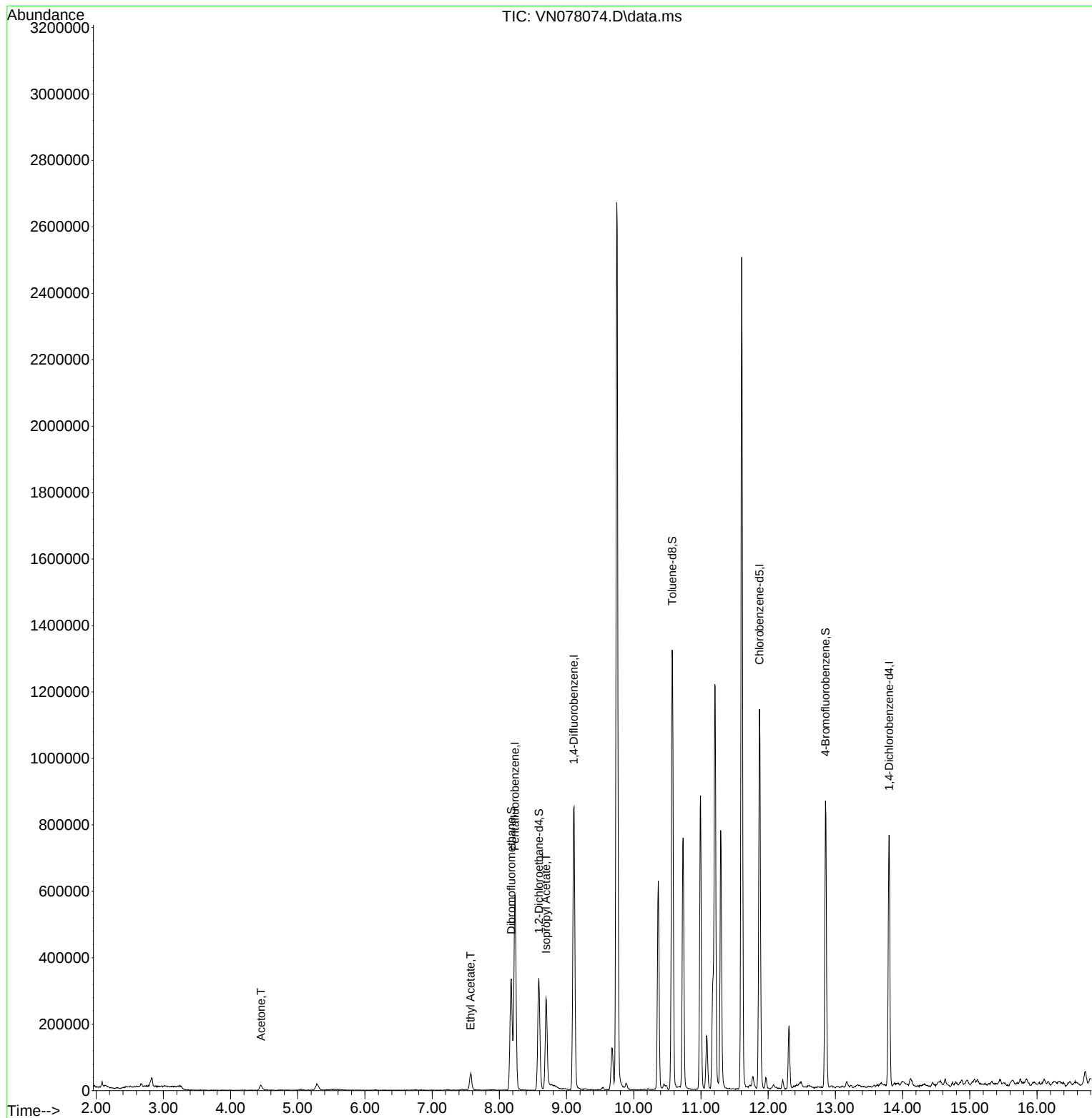
Internal Standards						
1) Pentafluorobenzene	8.230	168	433109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	786919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	695236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277885	42.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.760%
35) Dibromofluoromethane	8.177	113	244638	47.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.571	98	969533	49.087	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.853	95	311174	44.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	27109	13.296	ug/l	99
37) Ethyl Acetate	7.571	43	72416	10.825	ug/l	98
43) Isopropyl Acetate	8.694	43	307319	28.125	ug/l #	85

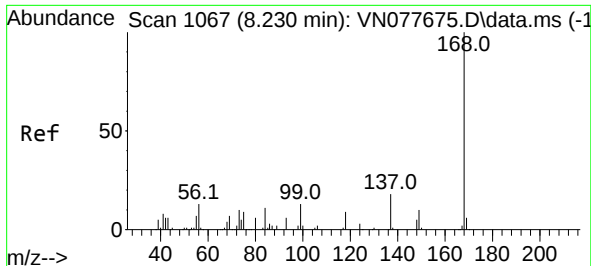
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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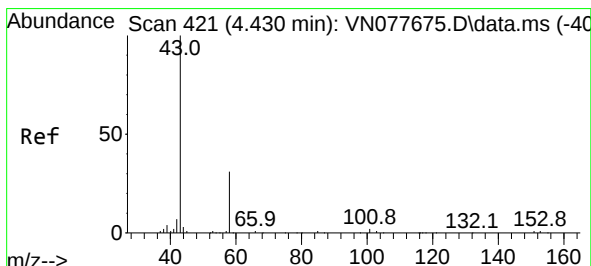
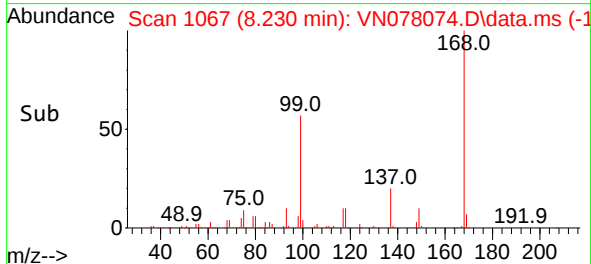
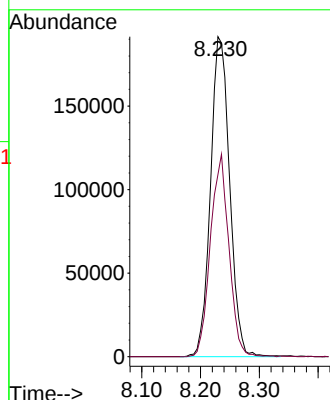
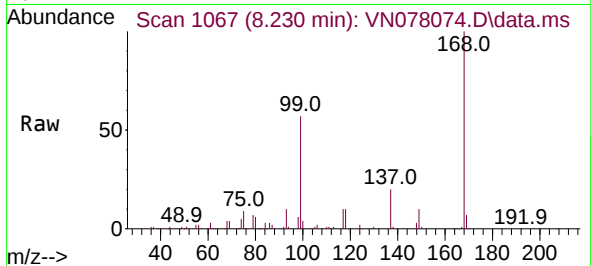




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078074.D
Acq: 06 Jun 2023 16:48

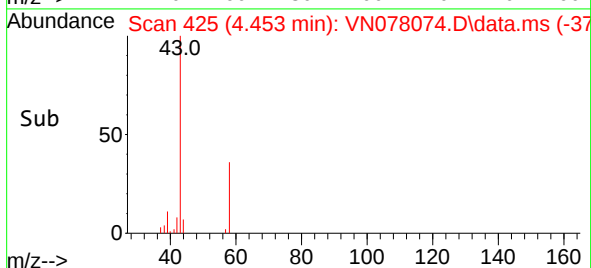
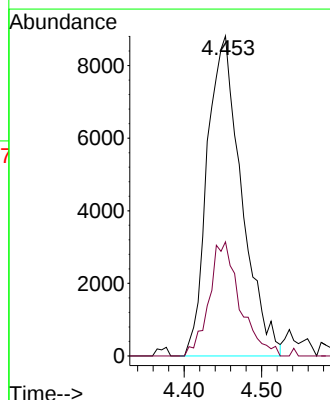
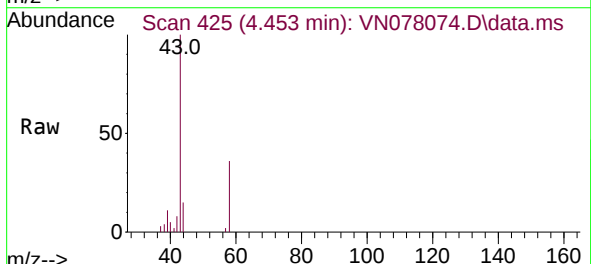
Instrument :
MSVOA_N
ClientSampleId :
TP-20-0A

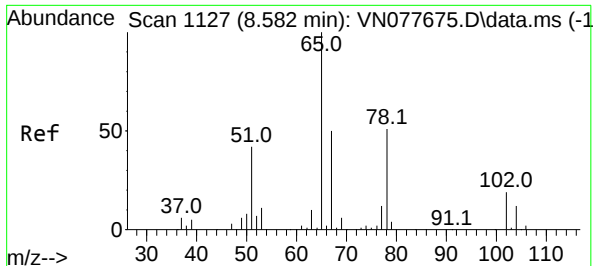
Tgt Ion:168 Resp: 433109
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#16
Acetone
Concen: 13.296 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN078074.D
Acq: 06 Jun 2023 16:48

Tgt Ion: 43 Resp: 27109
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

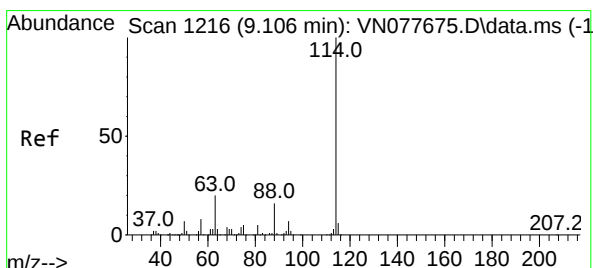
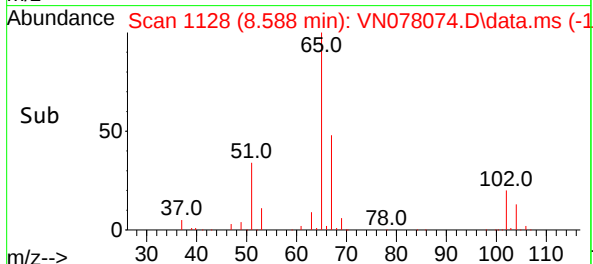
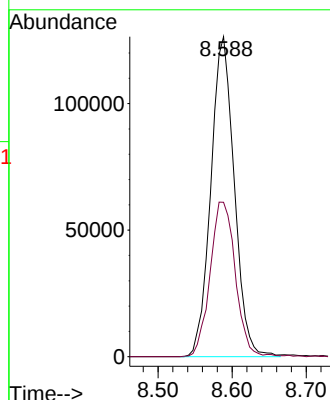
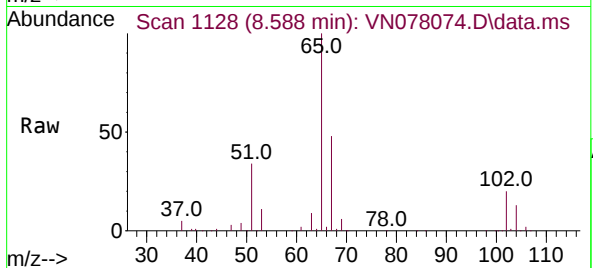




#33
 1,2-Dichloroethane-d4
 Concen: 42.881 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078074.D
 Acq: 06 Jun 2023 16:48

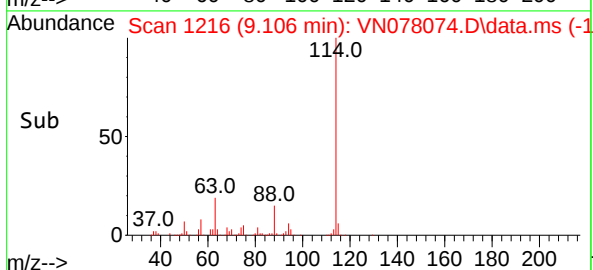
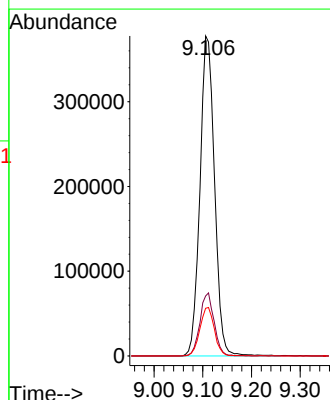
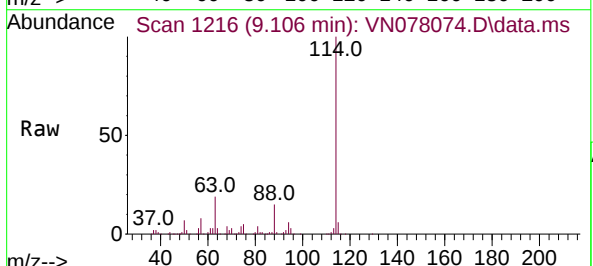
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-0A

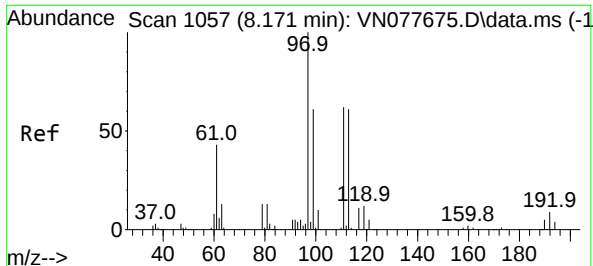
Tgt Ion: 65 Resp: 277885
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN078074.D
 Acq: 06 Jun 2023 16:48

Tgt Ion: 114 Resp: 786919
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.4
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.675 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078074.D

Acq: 06 Jun 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TP-20-0A

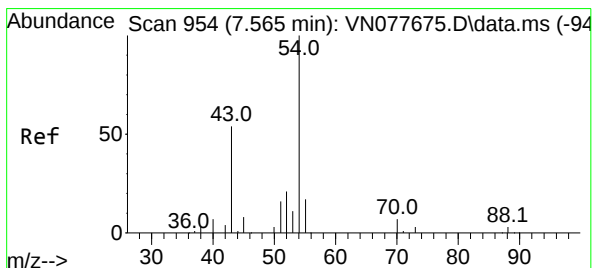
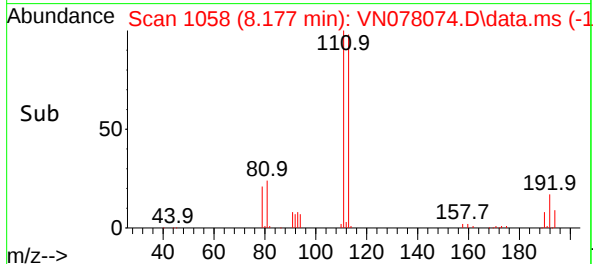
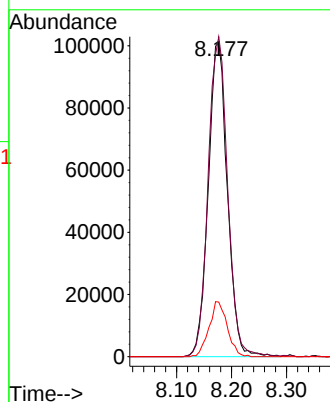
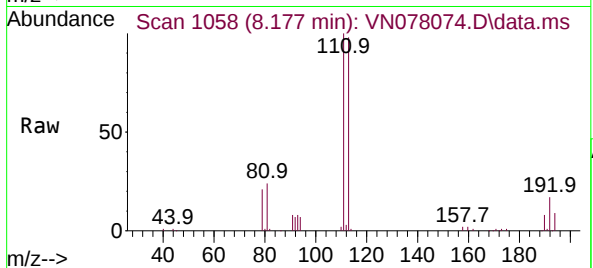
Tgt Ion:113 Resp: 244638

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.7 12.7 19.1



#37

Ethyl Acetate

Concen: 10.825 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN078074.D

Acq: 06 Jun 2023 16:48

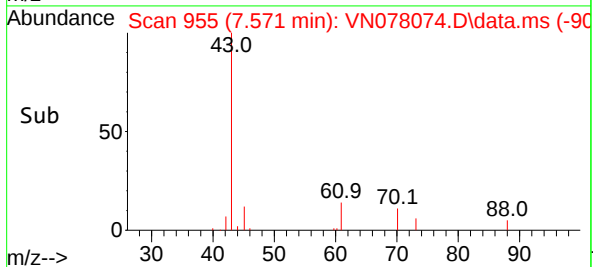
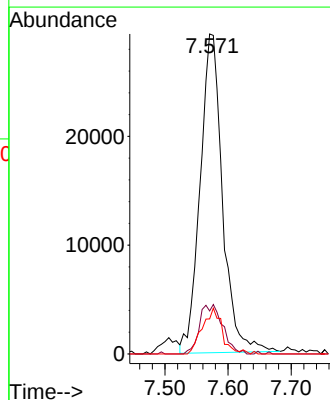
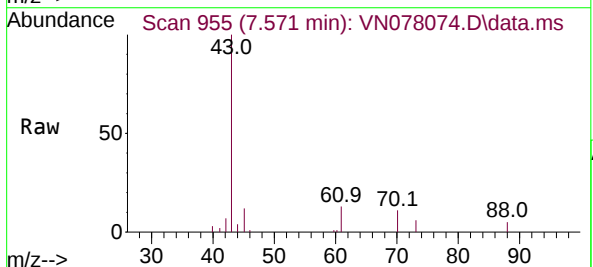
Tgt Ion: 43 Resp: 72416

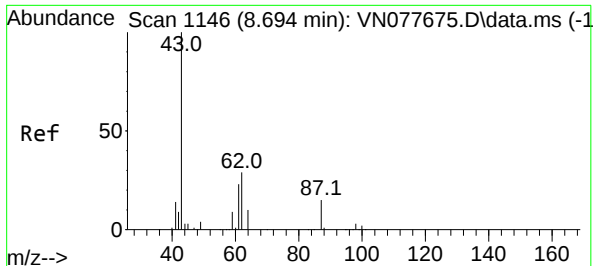
Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 12.7 11.3 16.9





#43

Isopropyl Acetate

Concen: 28.125 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078074.D

Acq: 06 Jun 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TP-20-0A

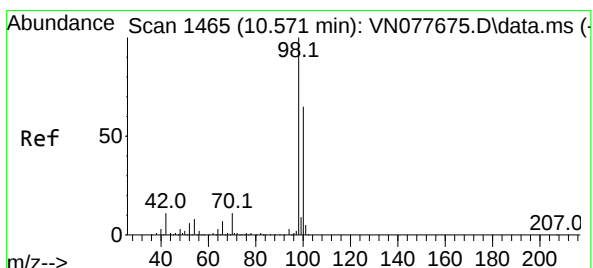
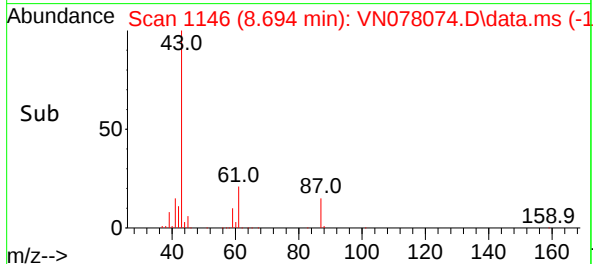
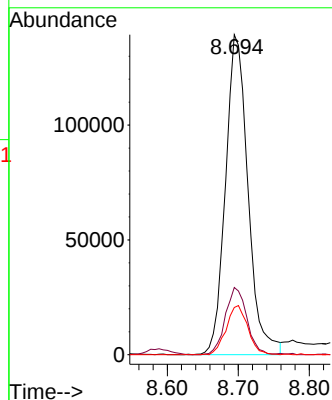
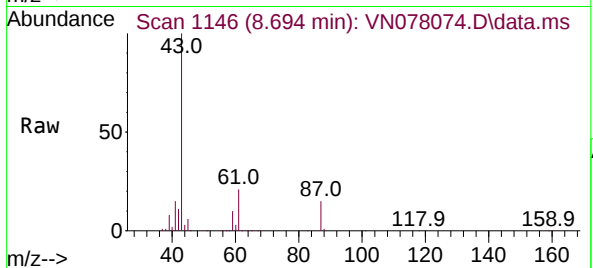
Tgt Ion: 43 Resp: 307319

Ion Ratio Lower Upper

43 100

61 20.0 24.7 37.1#

87 14.7 14.6 21.8



#50

Toluene-d8

Concen: 49.087 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078074.D

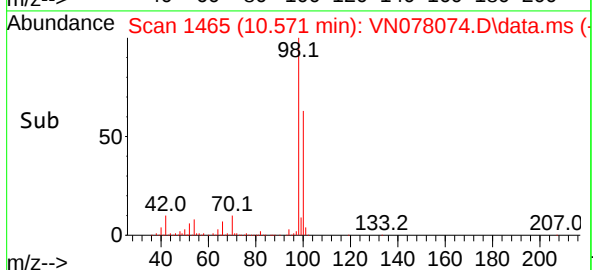
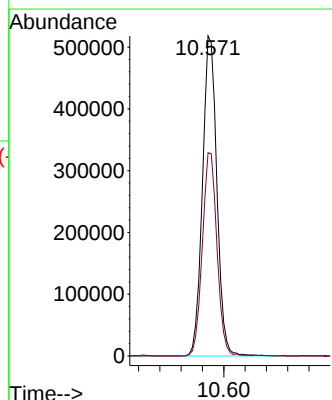
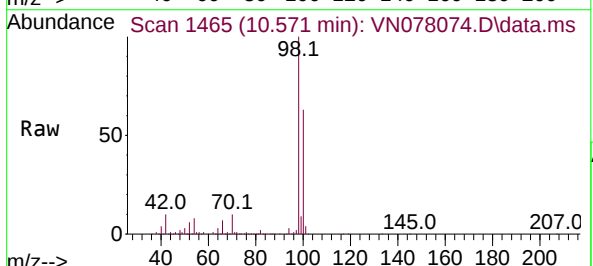
Acq: 06 Jun 2023 16:48

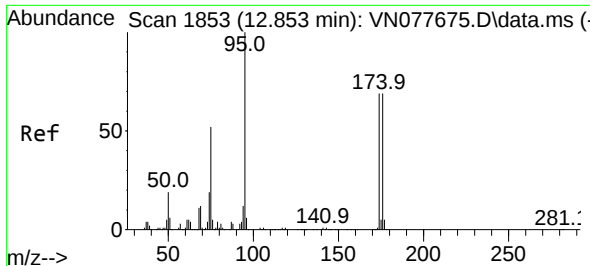
Tgt Ion: 98 Resp: 969533

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

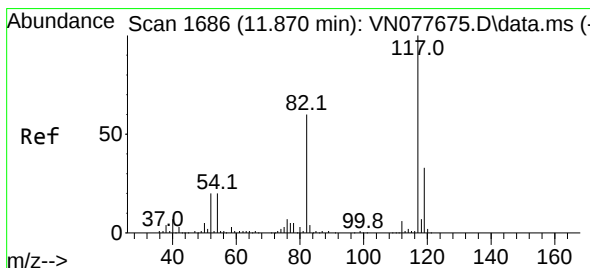
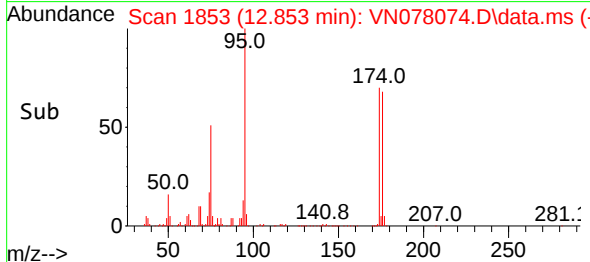
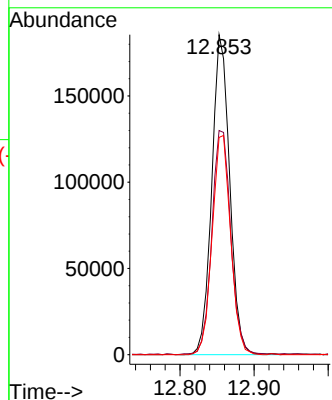
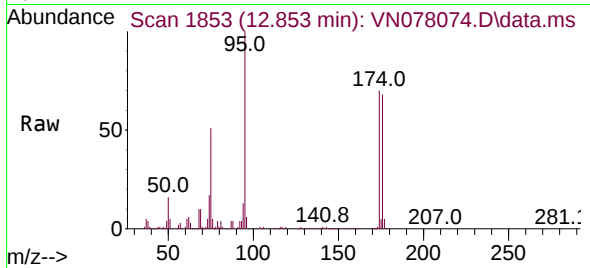




#62
4-Bromofluorobenzene
Concen: 44.608 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078074.D
Acq: 06 Jun 2023 16:48

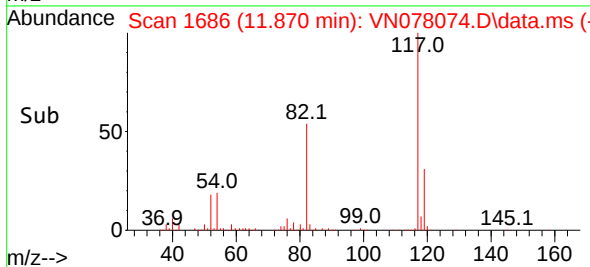
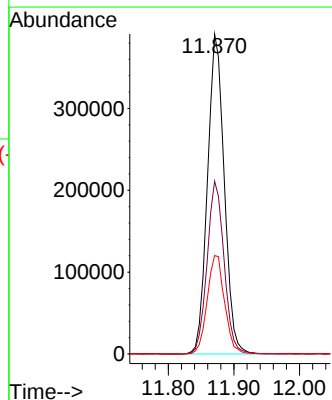
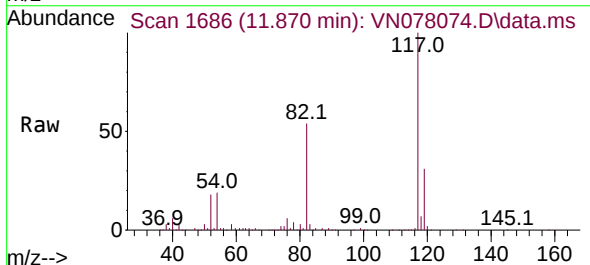
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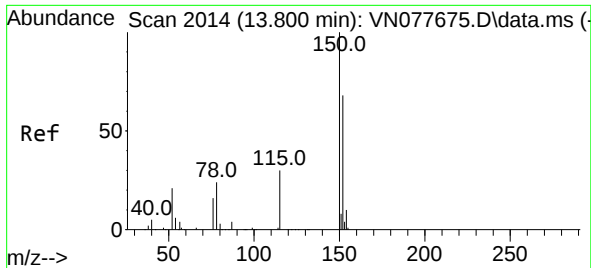
Tgt Ion: 95 Resp: 311174
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 70.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078074.D
Acq: 06 Jun 2023 16:48

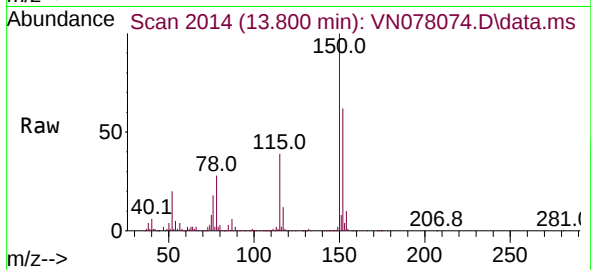
Tgt Ion: 117 Resp: 695236
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 30.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078074.D
 Acq: 06 Jun 2023 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-0A



Tgt Ion:152 Resp: 204275

Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.3	96.8
150	159.7	0.0	355.8

