

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078075.D
 Acq On : 06 Jun 2023 17:12
 Operator : JC\MD
 Sample : 03032-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21-0A

Quant Time: Jun 07 01:23:25 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)

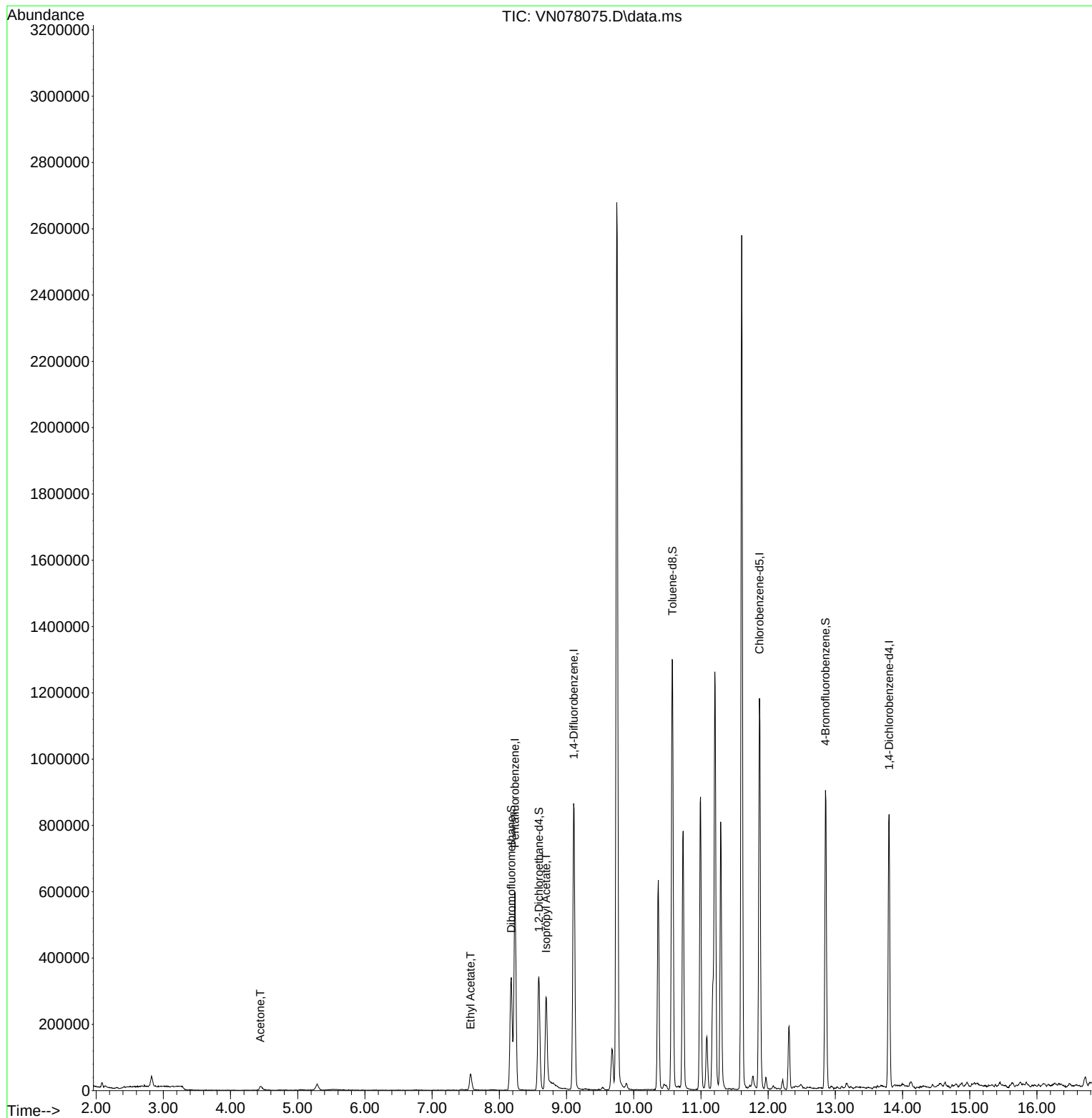
Internal Standards						
1) Pentafluorobenzene	8.230	168	430922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	787802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	710896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	278754	43.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.460%
35) Dibromofluoromethane	8.177	113	248111	48.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	10.577	98	970588	49.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.853	95	329588	47.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	23371	11.521	ug/l	99
37) Ethyl Acetate	7.571	43	71656	10.699	ug/l #	95
43) Isopropyl Acetate	8.694	43	334424	30.571	ug/l #	82

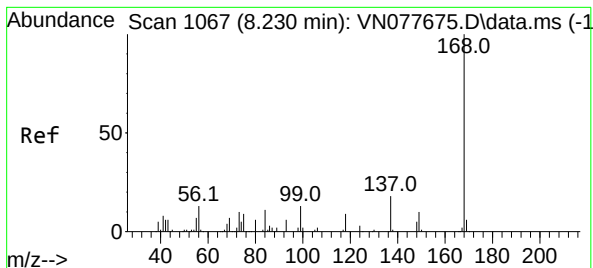
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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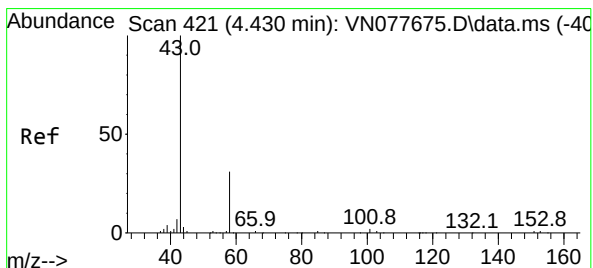
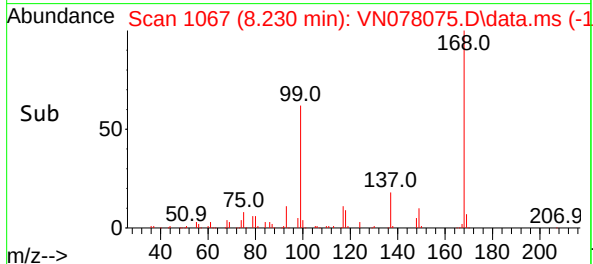
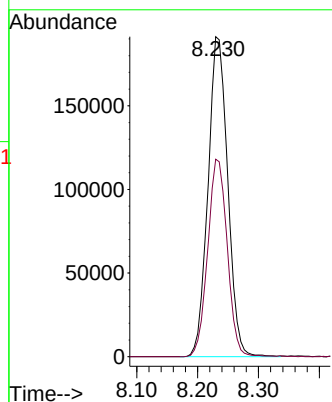
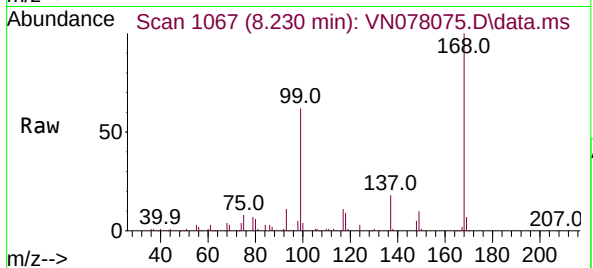




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

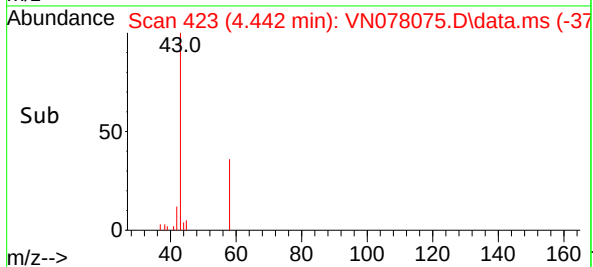
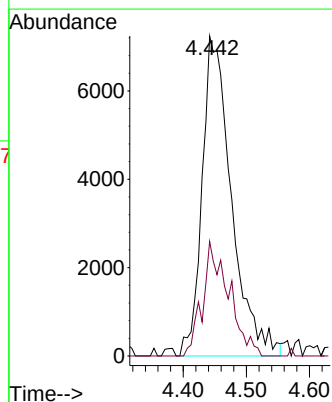
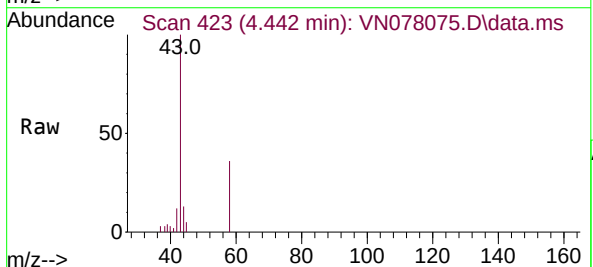
Instrument :
MSVOA_N
ClientSampleId :
TP-21-0A

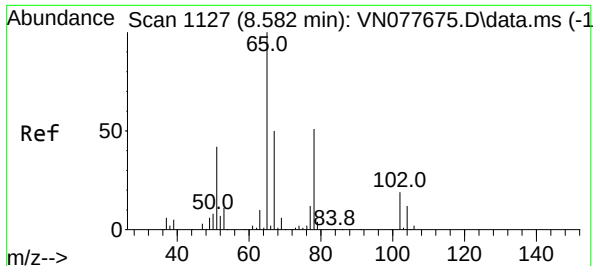
Tgt Ion:168 Resp: 430922
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 11.521 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

Tgt Ion: 43 Resp: 23371
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 43.233 ug/l

RT: 8.589 min Scan# 1127

Delta R.T. 0.007 min

Lab File: VN078075.D

Acq: 06 Jun 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

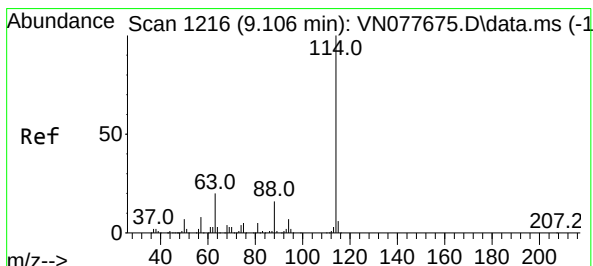
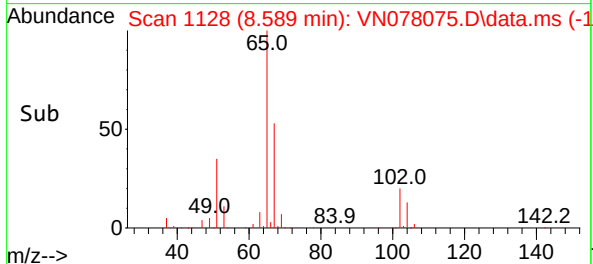
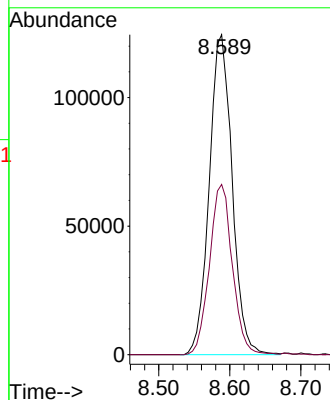
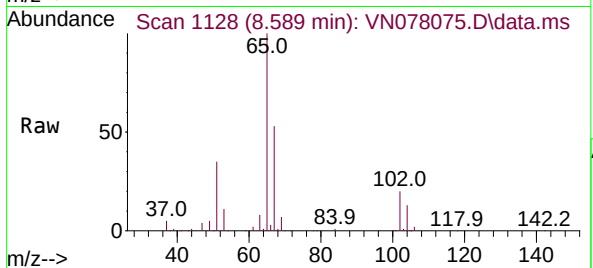
TP-21-0A

Tgt Ion: 65 Resp: 278754

Ion Ratio Lower Upper

65 100

67 53.1 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: VN078075.D

Acq: 06 Jun 2023 17:12

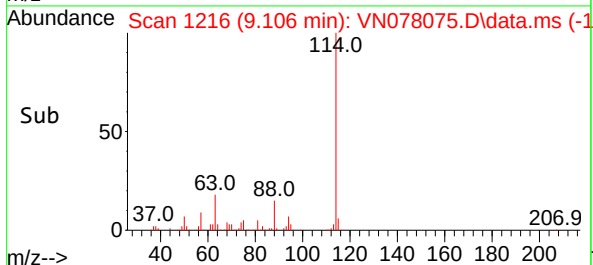
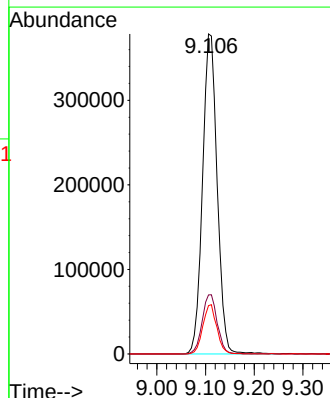
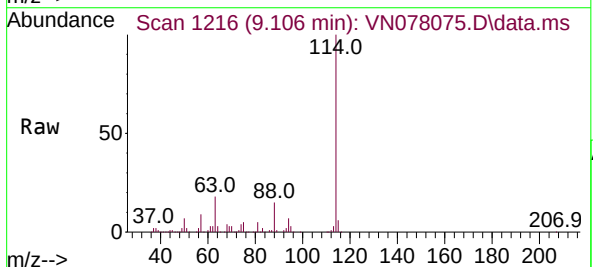
Tgt Ion: 114 Resp: 787802

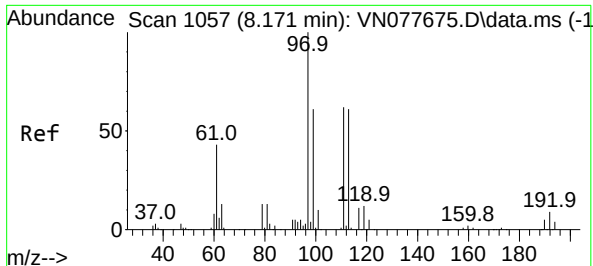
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.1 0.0 30.6

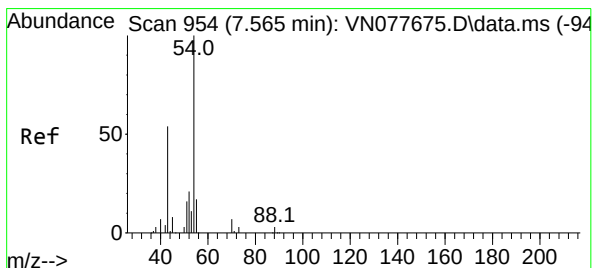
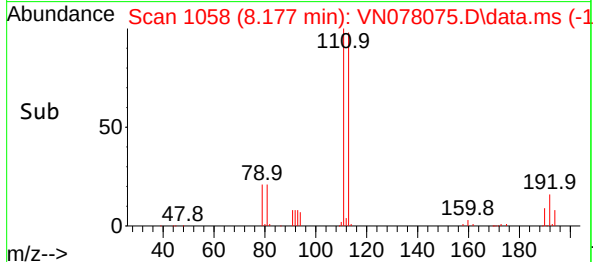
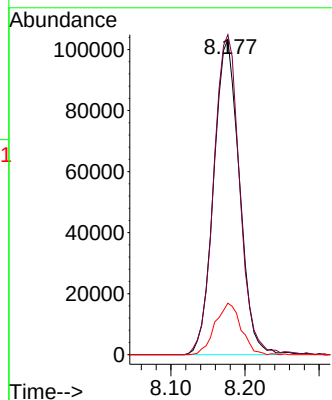
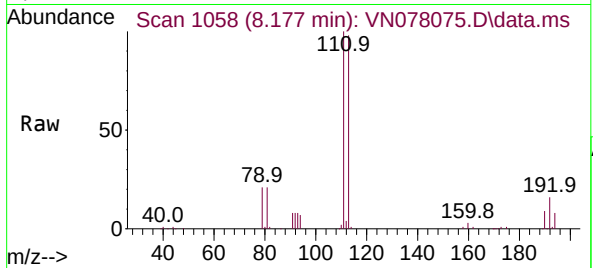




#35
Dibromofluoromethane
Concen: 48.297 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

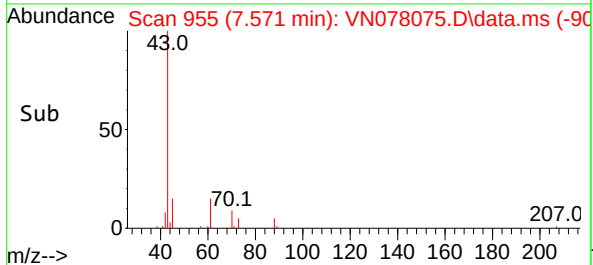
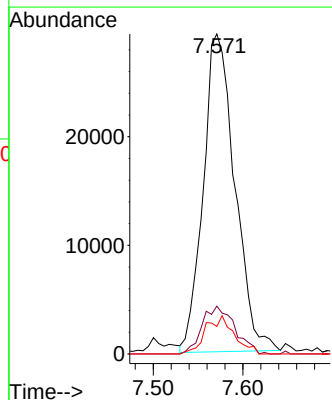
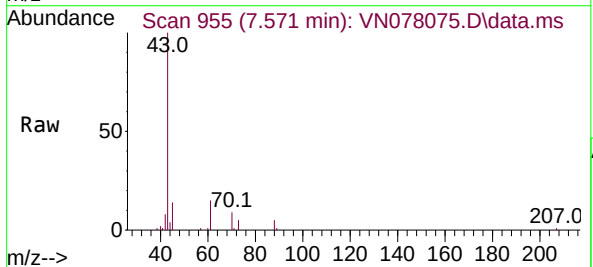
Instrument :
MSVOA_N
ClientSampleId :
TP-21-0A

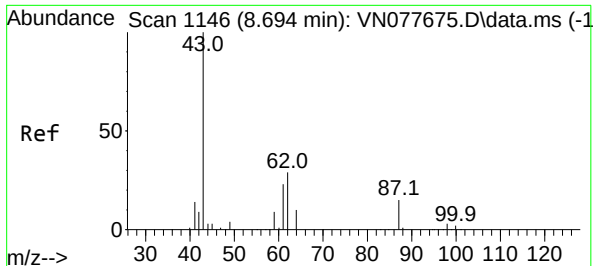
Tgt Ion:113 Resp: 248111
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.5 12.7 19.1



#37
Ethyl Acetate
Concen: 10.699 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

Tgt Ion: 43 Resp: 71656
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 10.8 11.3 16.9#

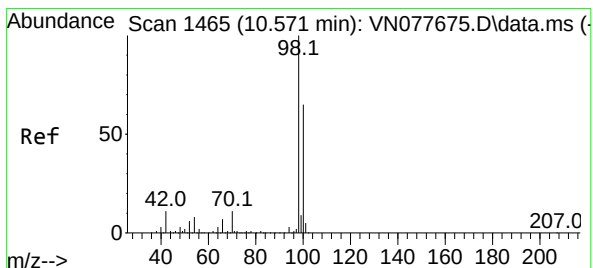
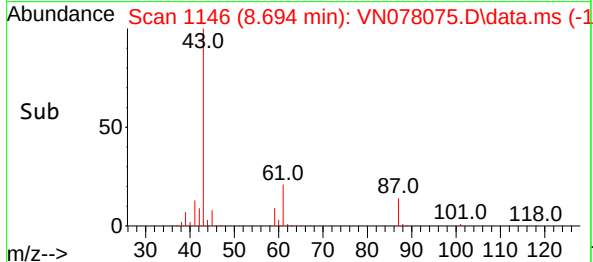
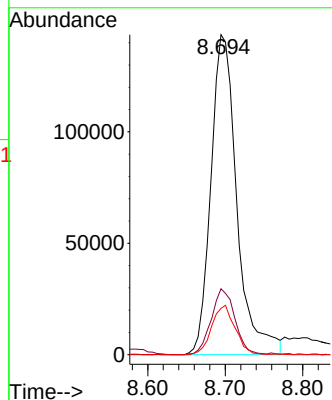
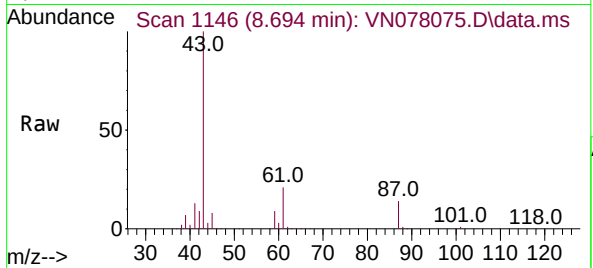




#43
Isopropyl Acetate
Concen: 30.571 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

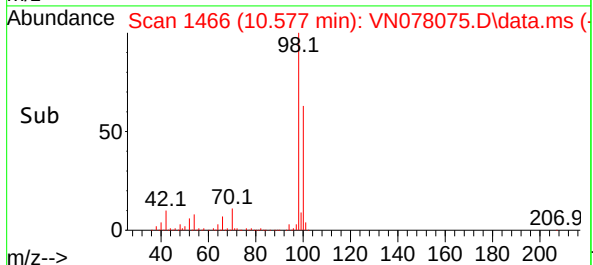
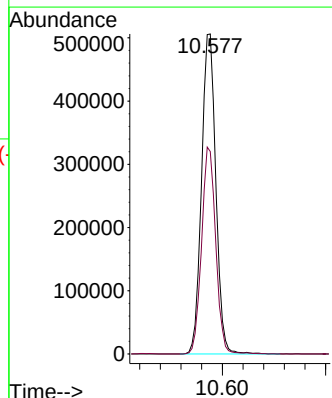
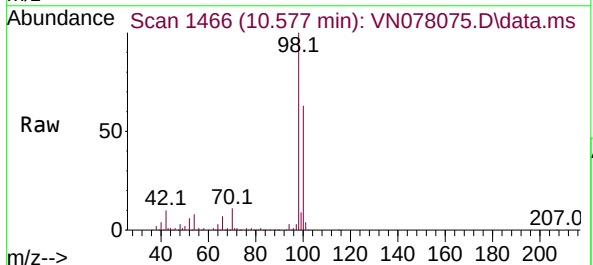
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MSVOA_N
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TP-21-0A

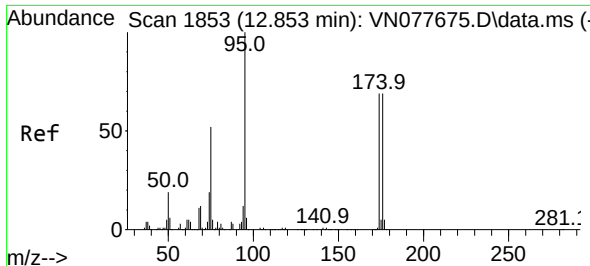
Tgt Ion: 43 Resp: 334424
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 49.086 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

Tgt Ion: 98 Resp: 970588
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

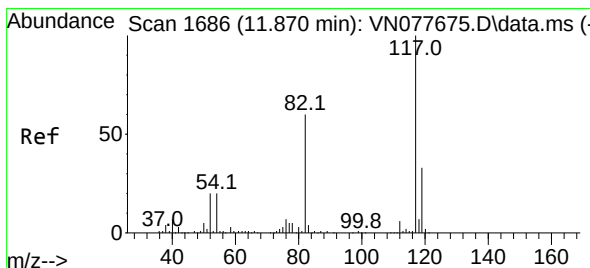
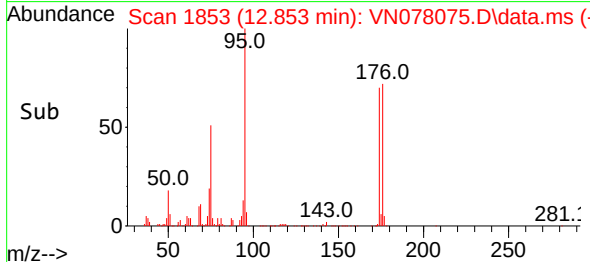
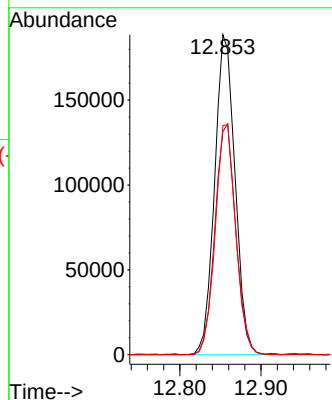
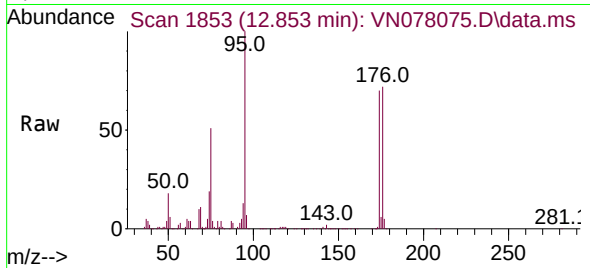




#62
4-Bromofluorobenzene
Concen: 47.195 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

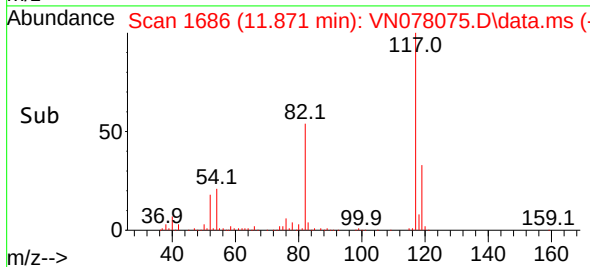
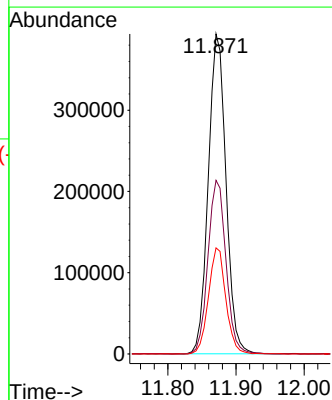
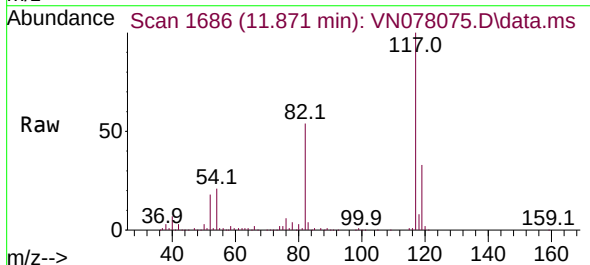
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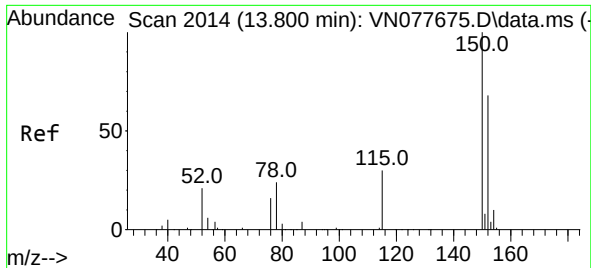
Tgt Ion: 95 Resp: 329588
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078075.D
Acq: 06 Jun 2023 17:12

Tgt Ion: 117 Resp: 710896
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 33.1 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: VN078075.D
 Acq: 06 Jun 2023 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21-0A

Tgt Ion:152 Resp: 226369
 Ion Ratio Lower Upper
 152 100
 115 61.3 32.3 96.8
 150 157.2 0.0 355.8

