

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078122.D
 Acq On : 08 Jun 2023 12:13
 Operator : JC\MD
 Sample : 03050-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-22-0A

Quant Time: Jun 09 01:24:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

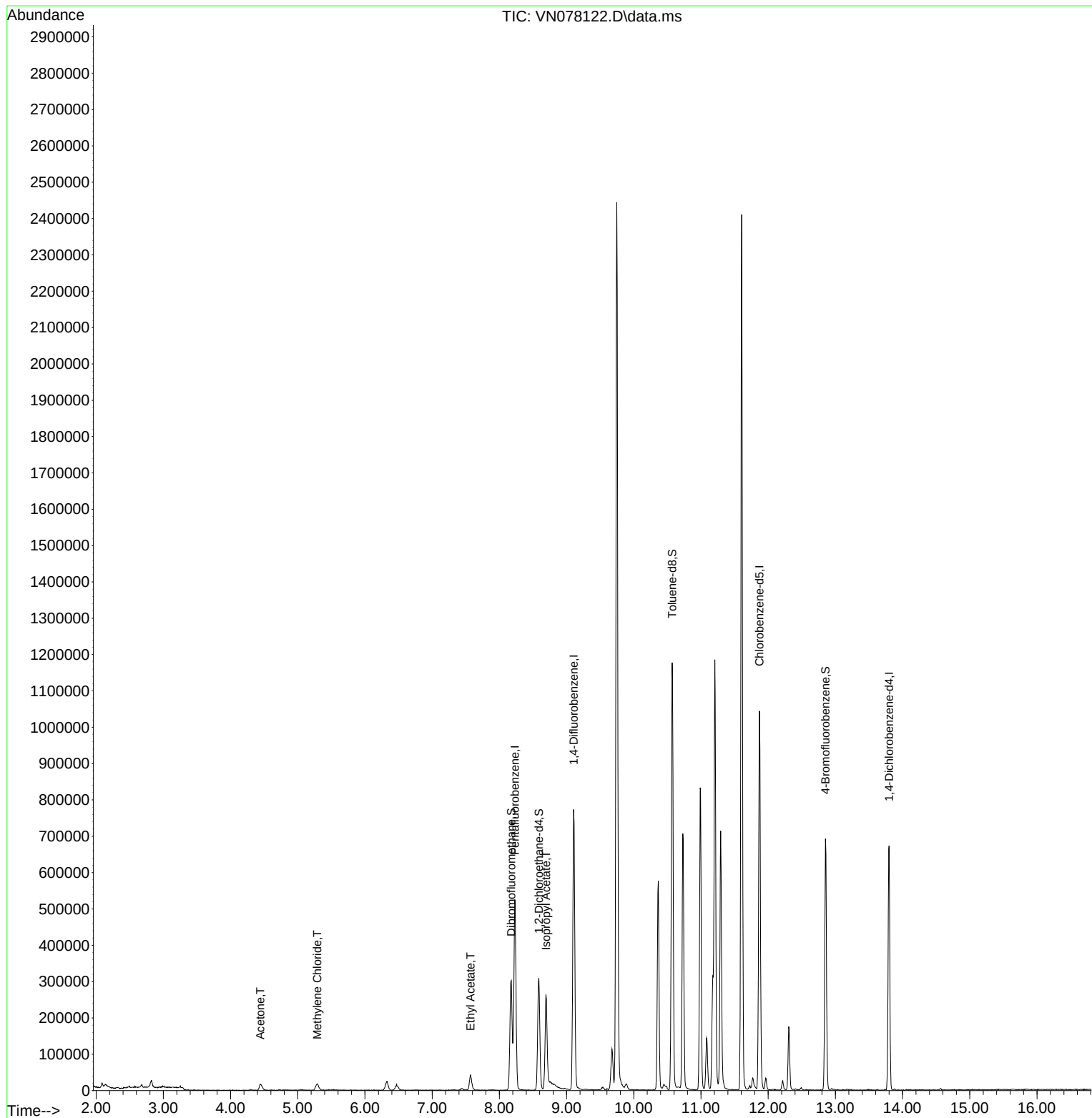
Internal Standards						
1) Pentafluorobenzene	8.230	168	369379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	683613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256313	52.044	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.080%		
35) Dibromofluoromethane	8.177	113	223727	51.760	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.520%		
50) Toluene-d8	10.571	98	863302	51.809	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.620%		
62) 4-Bromofluorobenzene	12.853	95	245763	47.443	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.880%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	32741	23.096	ug/l	97
20) Methylene Chloride	5.289	84	15129	3.230	ug/l #	91
37) Ethyl Acetate	7.571	43	59016	12.185	ug/l	97
43) Isopropyl Acetate	8.694	43	330809	35.714	ug/l #	78

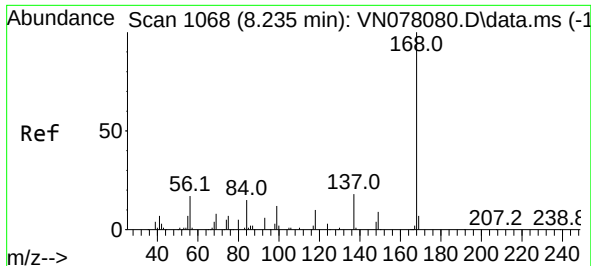
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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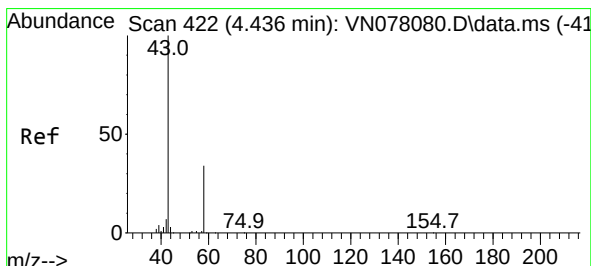
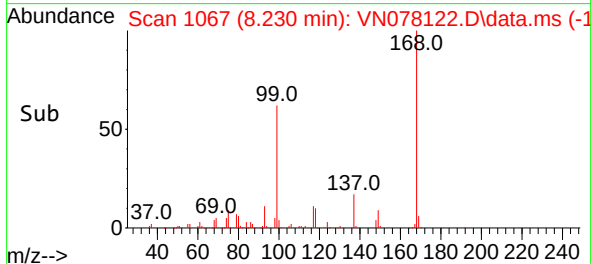
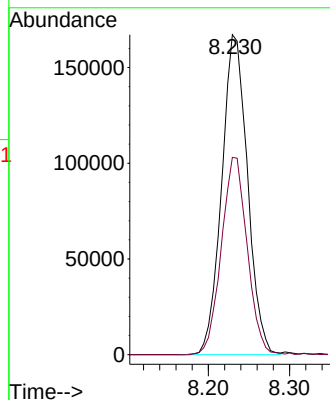
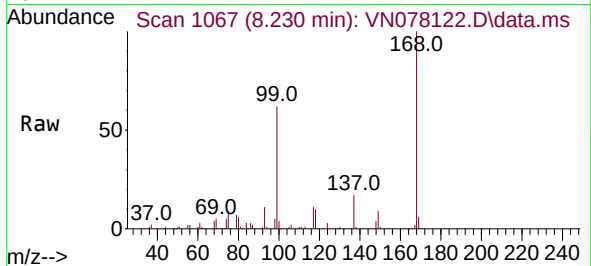




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

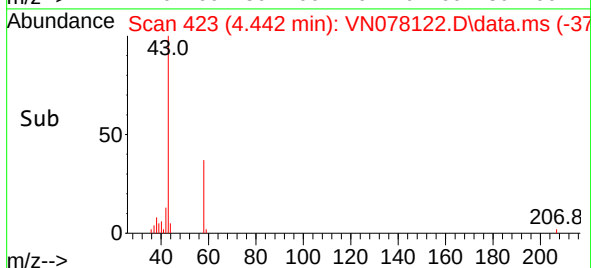
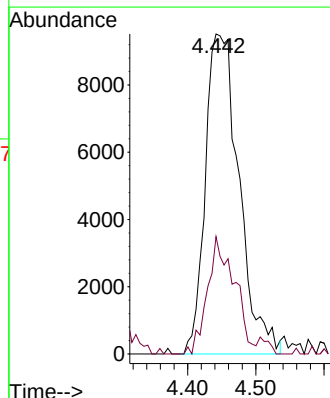
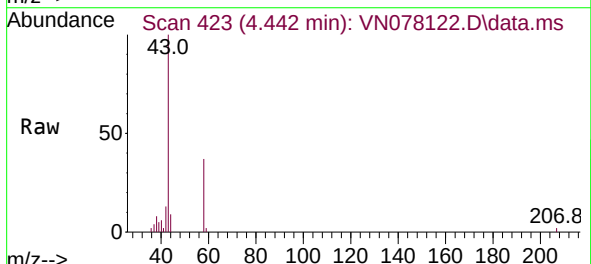
Instrument :
MSVOA_N
ClientSampleId :
TP-22-0A

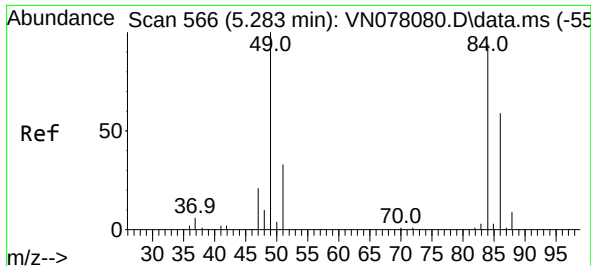
Tgt Ion:168 Resp: 369379
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 23.096 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

Tgt Ion: 43 Resp: 32741
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0

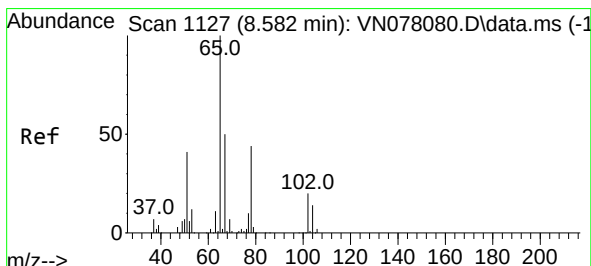
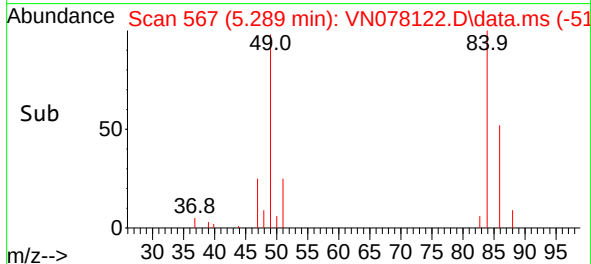
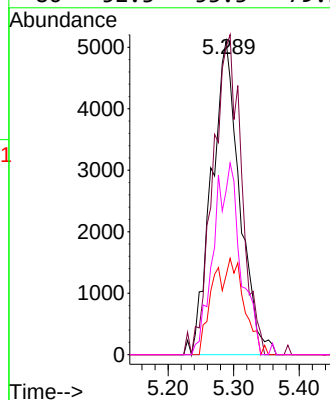
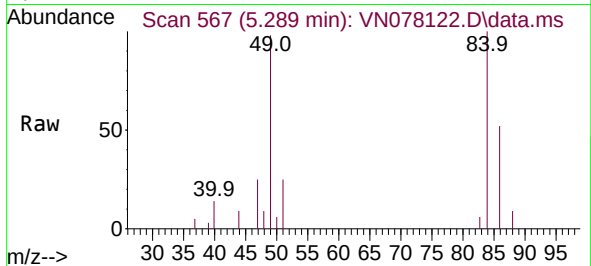




#20
Methylene Chloride
Concen: 3.230 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

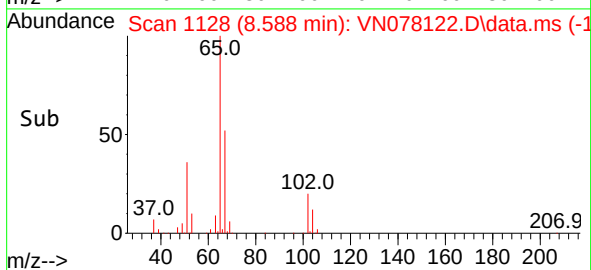
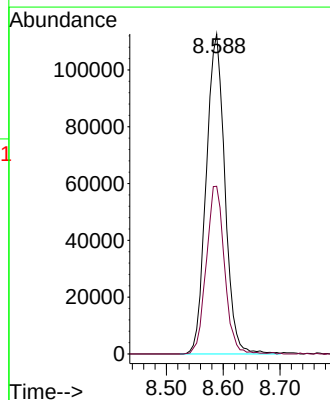
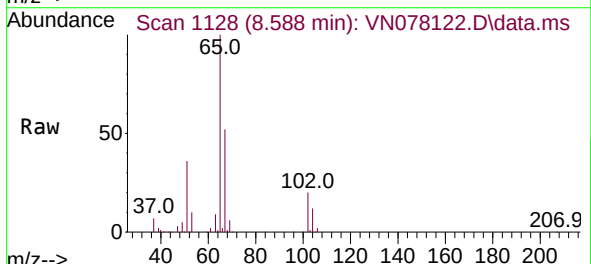
Instrument :
MSVOA_N
ClientSampleId :
TP-22-0A

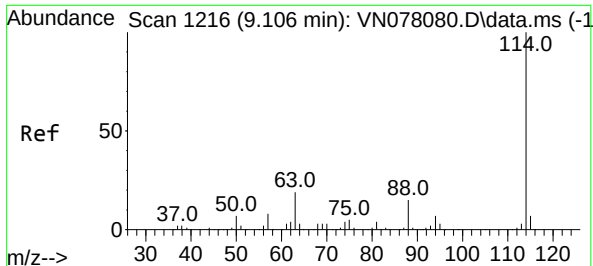
Tgt Ion:	84	Resp:	15129
Ion	Ratio	Lower	Upper
84	100		
49	98.2	79.7	119.5
51	25.3	25.2	37.8
86	52.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 52.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

Tgt Ion:	65	Resp:	256313
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078122.D

Acq: 08 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22-0A

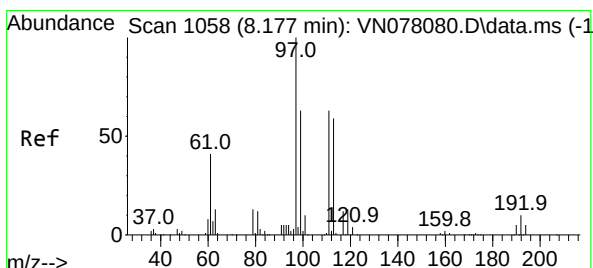
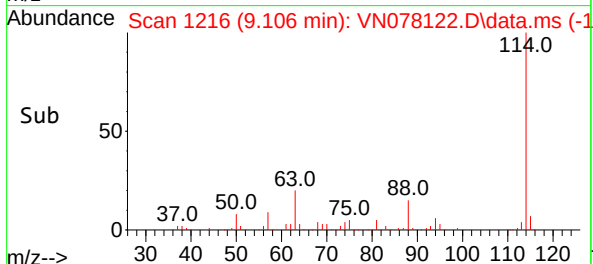
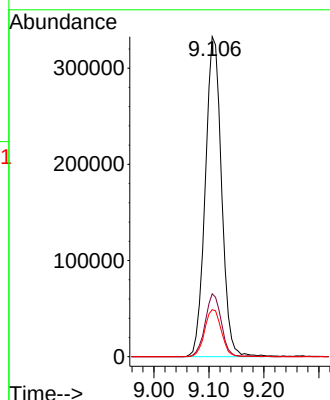
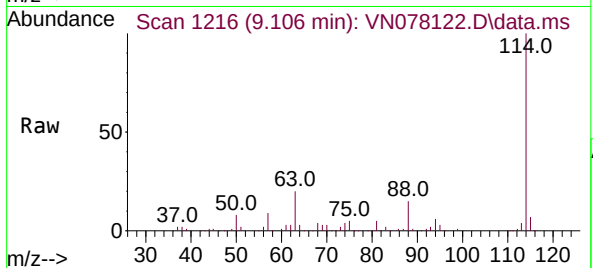
Tgt Ion:114 Resp: 683613

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.760 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078122.D

Acq: 08 Jun 2023 12:13

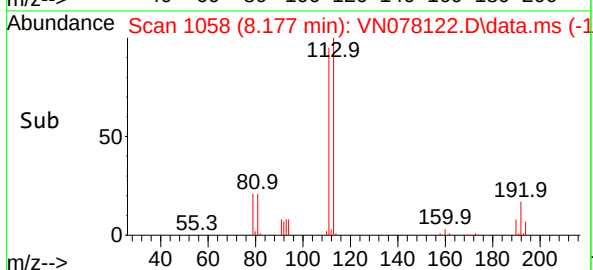
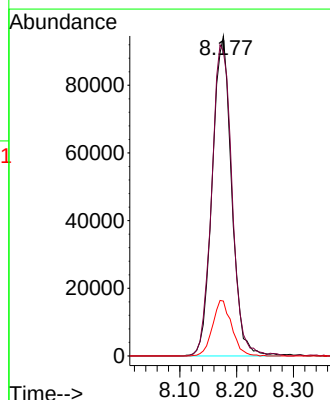
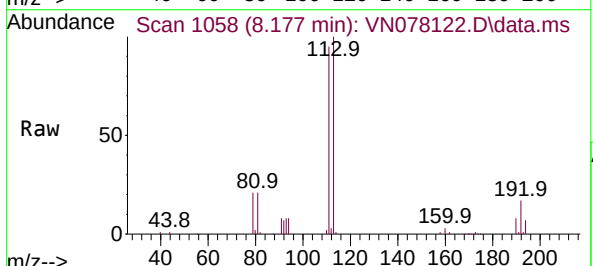
Tgt Ion:113 Resp: 223727

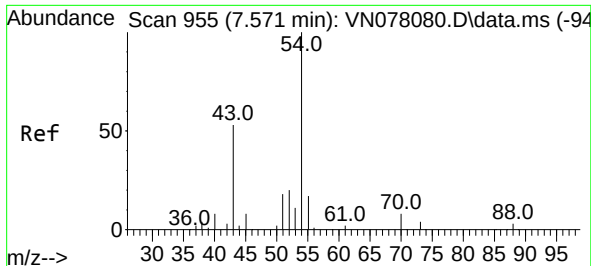
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 17.1 12.7 19.1





#37

Ethyl Acetate

Concen: 12.185 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078122.D

Acq: 08 Jun 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22-0A

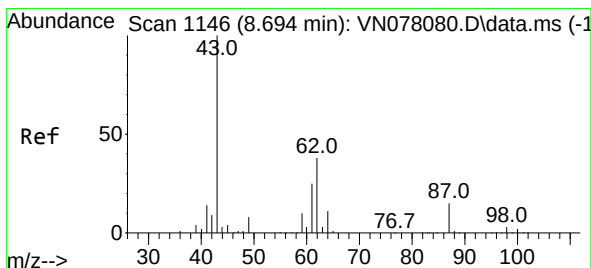
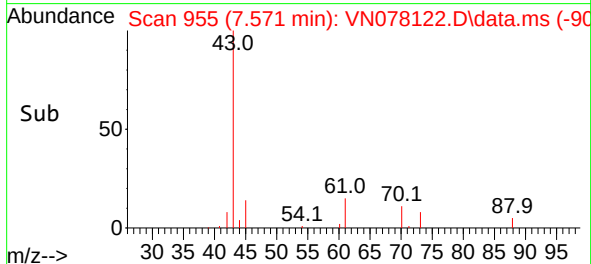
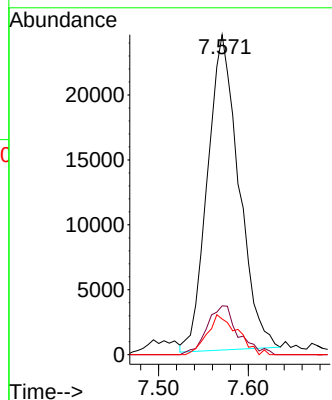
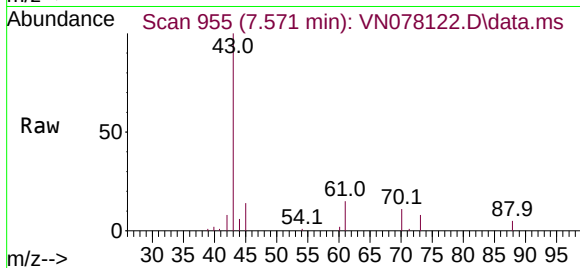
Tgt Ion: 43 Resp: 59016

Ion Ratio Lower Upper

43 100

61 15.5 13.2 19.8

70 12.2 11.3 16.9



#43

Isopropyl Acetate

Concen: 35.714 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078122.D

Acq: 08 Jun 2023 12:13

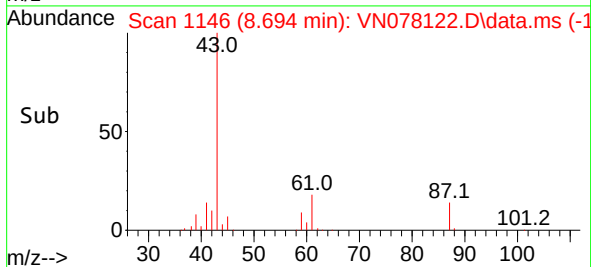
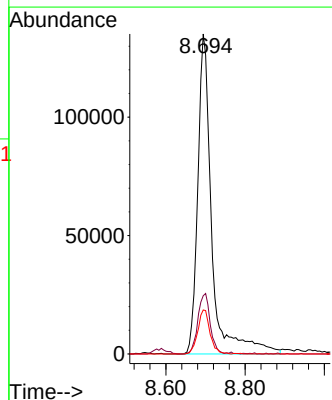
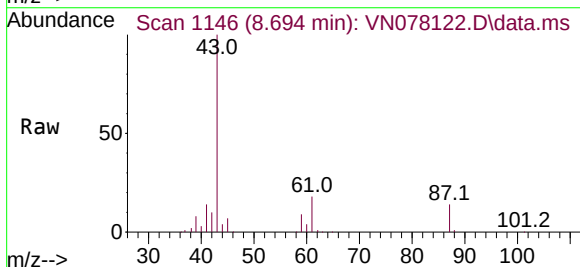
Tgt Ion: 43 Resp: 330809

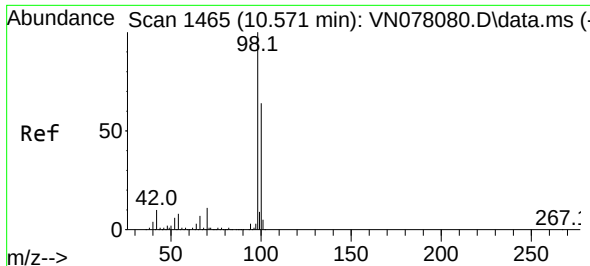
Ion Ratio Lower Upper

43 100

61 16.6 24.7 37.1#

87 11.9 14.6 21.8#

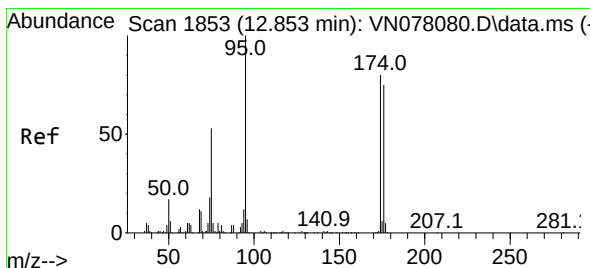
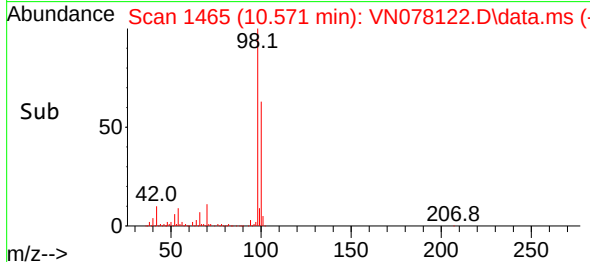
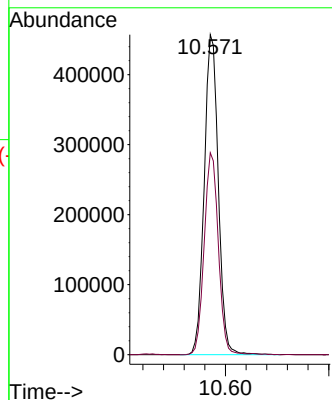
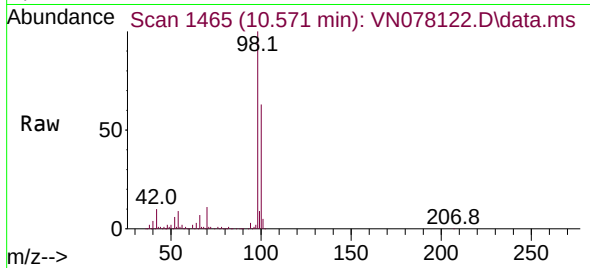




#50
Toluene-d8
Concen: 51.809 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

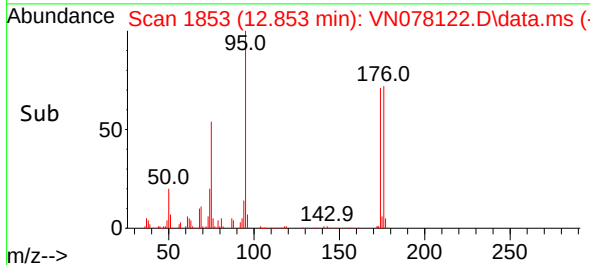
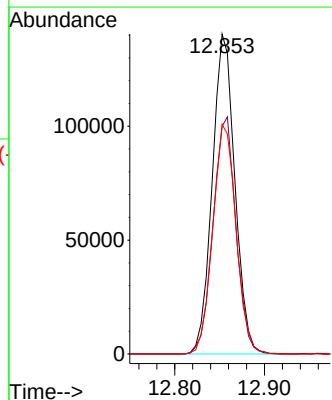
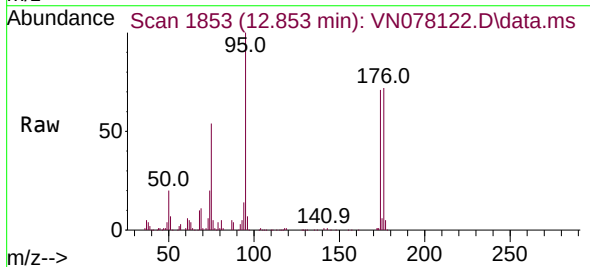
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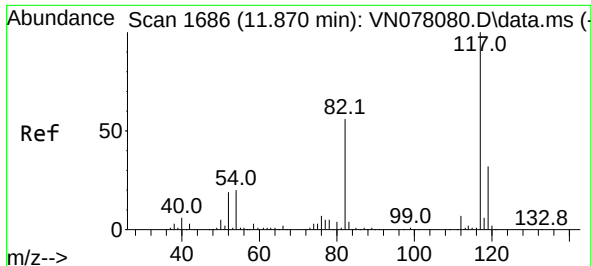
Tgt Ion: 98 Resp: 863302
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.443 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

Tgt Ion: 95 Resp: 245763
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.9 0.0 135.8

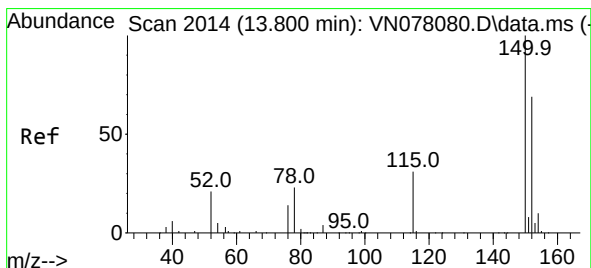
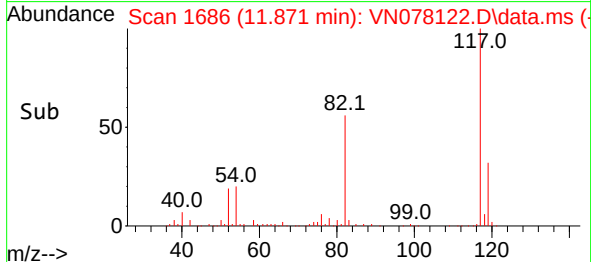
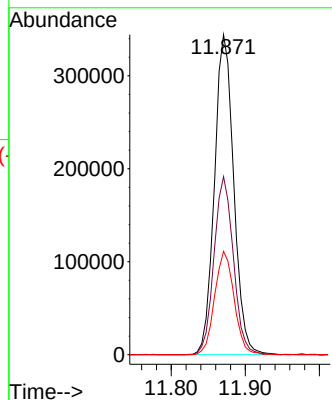
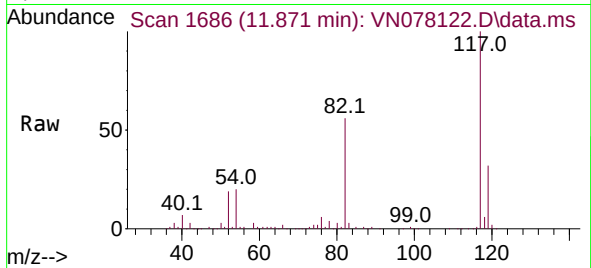




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 623028
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078122.D
Acq: 08 Jun 2023 12:13

Tgt Ion:152 Resp: 186203
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 158.5 0.0 355.8

