

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078423.D
 Acq On : 27 Jun 2023 17:53
 Operator : JC\MD
 Sample : 03376-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1RE

Quant Time: Jun 28 07:13:24 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)

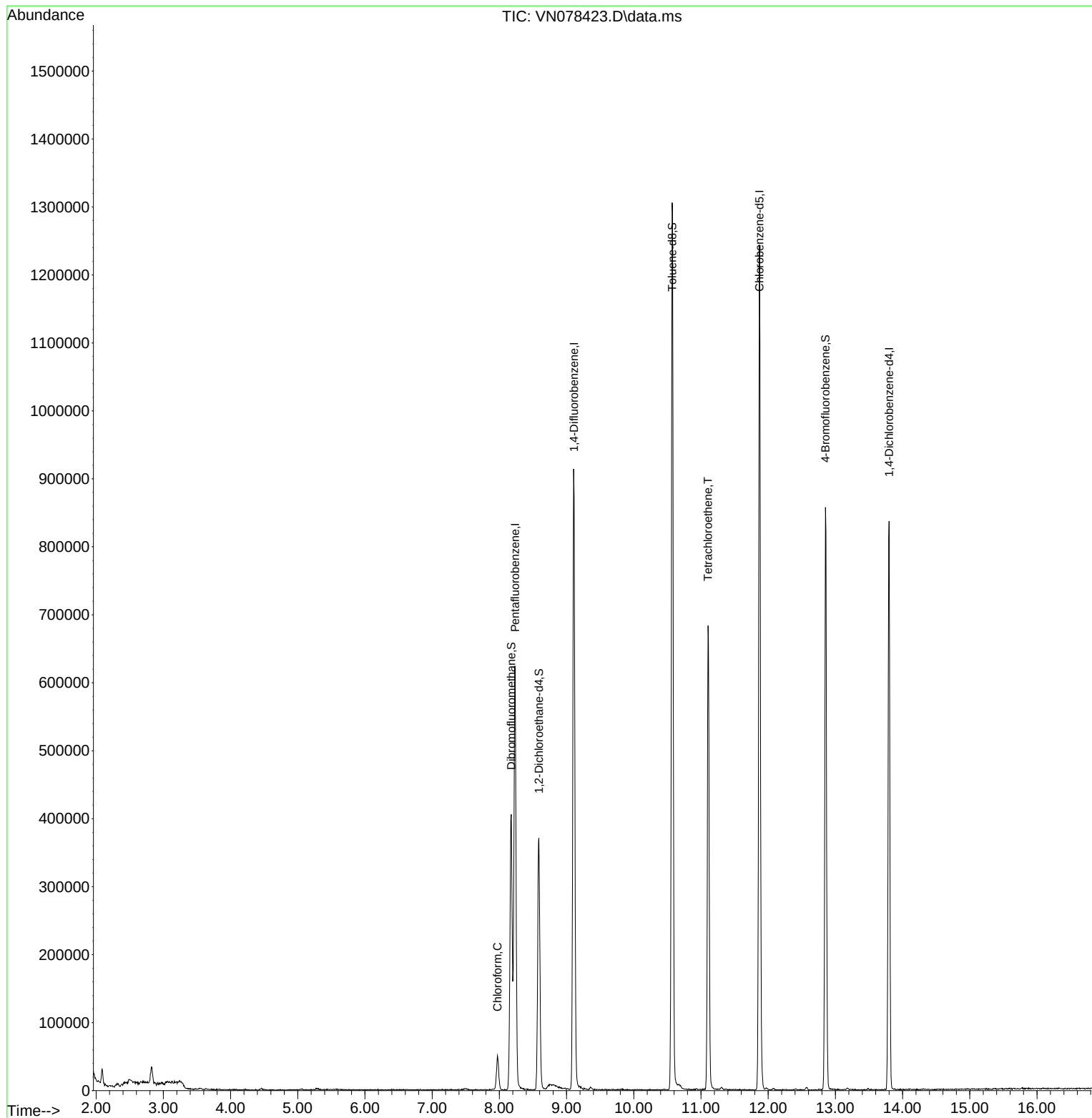
Internal Standards						
1) Pentafluorobenzene	8.235	168	439532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	817114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	734615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307575	52.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.960%	
35) Dibromofluoromethane	8.177	113	290515	56.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.460%	
50) Toluene-d8	10.571	98	953855	47.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	12.853	95	306326	49.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.940%	
Target Compounds						
						Qvalue
30) Chloroform	7.971	83	45522	4.650	ug/l	90
64) Tetrachloroethene	11.106	164	150911	30.793	ug/l	98

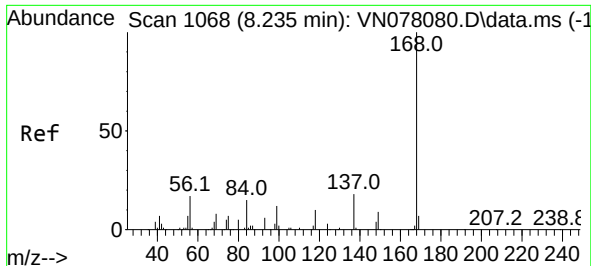
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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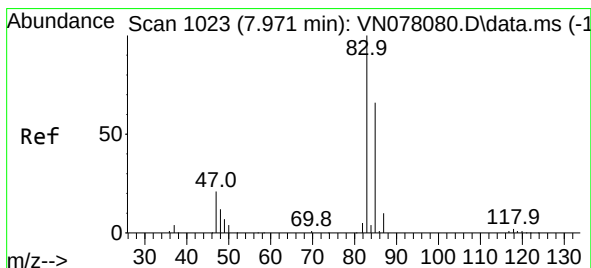
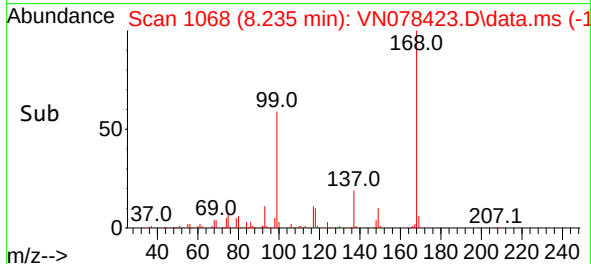
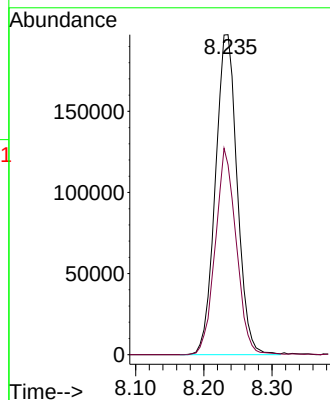
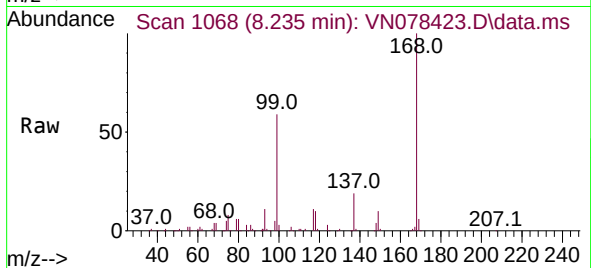




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

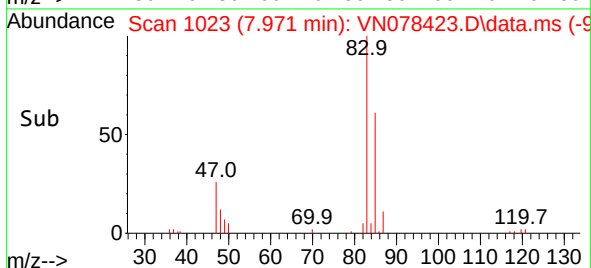
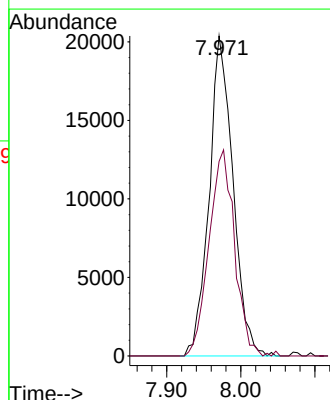
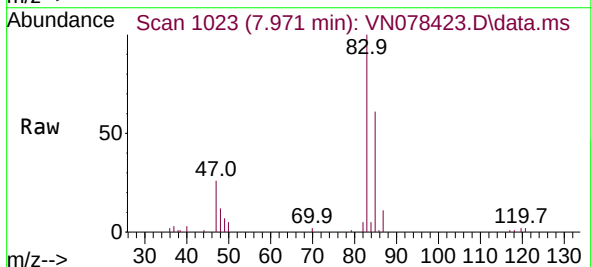
Instrument :
MSVOA_N
ClientSampleId :
TW-1RE

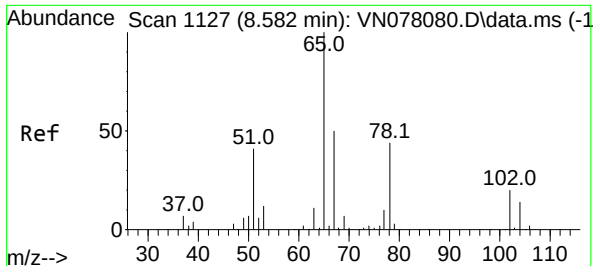
Tgt Ion:168 Resp: 439532
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#30
Chloroform
Concen: 4.650 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

Tgt Ion: 83 Resp: 45522
Ion Ratio Lower Upper
83 100
85 60.8 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 52.484 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078423.D

Acq: 27 Jun 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

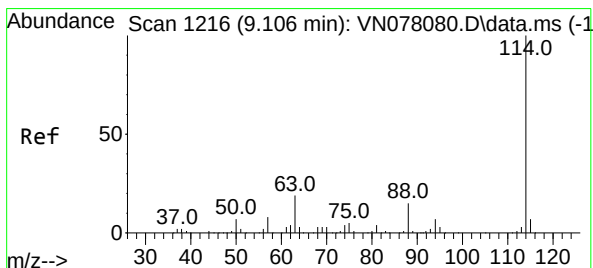
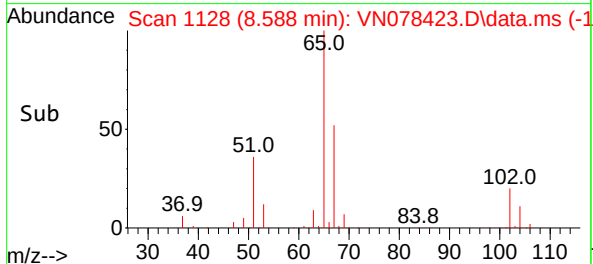
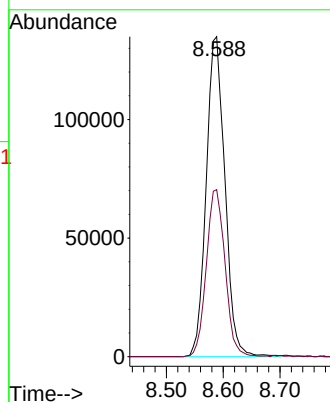
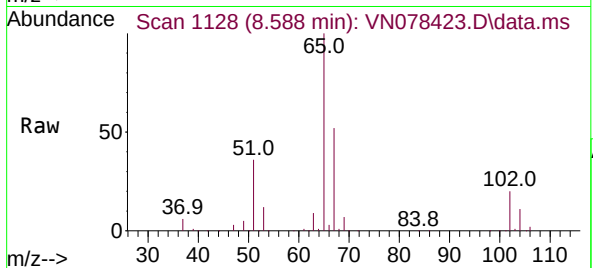
TW-1RE

Tgt Ion: 65 Resp: 307575

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078423.D

Acq: 27 Jun 2023 17:53

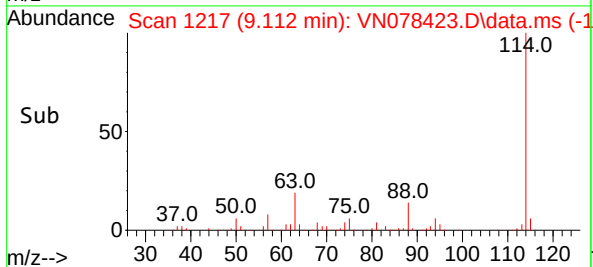
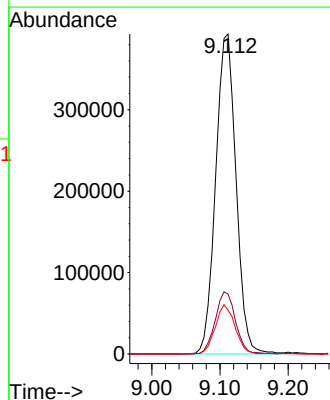
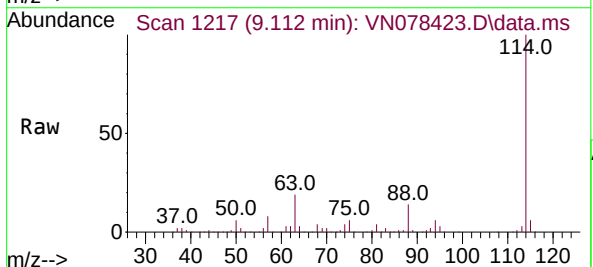
Tgt Ion: 114 Resp: 817114

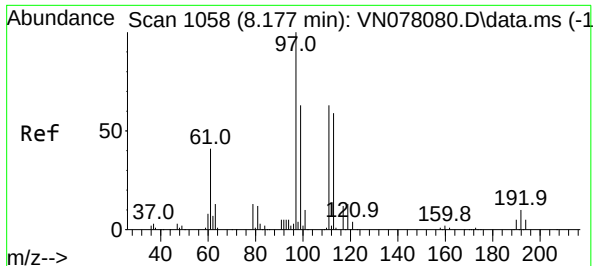
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.230 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078423.D

Acq: 27 Jun 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

TW-1RE

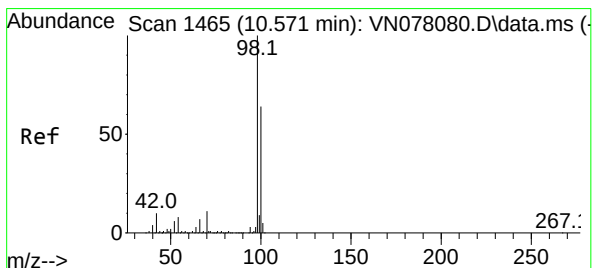
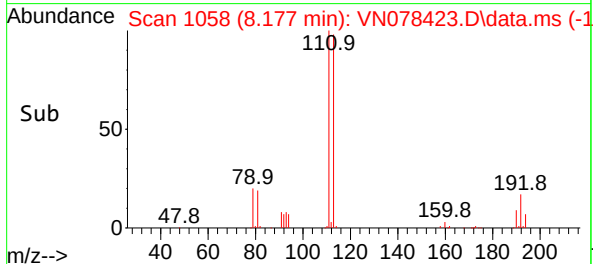
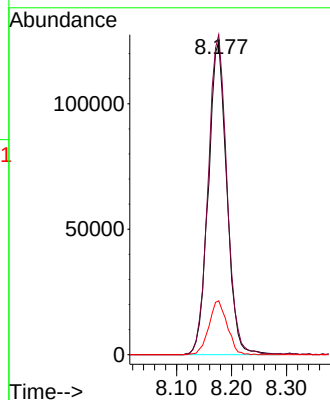
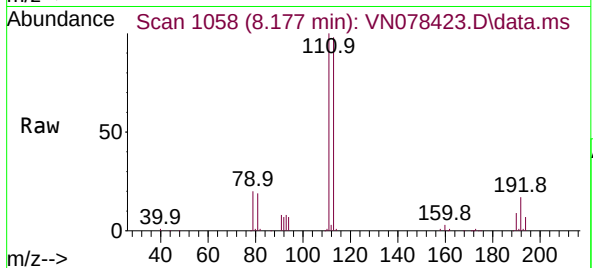
Tgt Ion:113 Resp: 290515

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 17.1 12.7 19.1



#50

Toluene-d8

Concen: 47.891 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078423.D

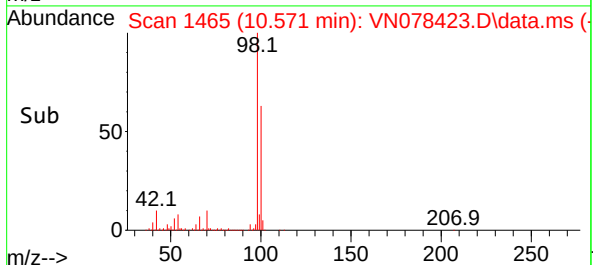
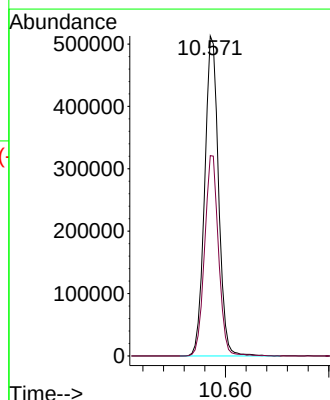
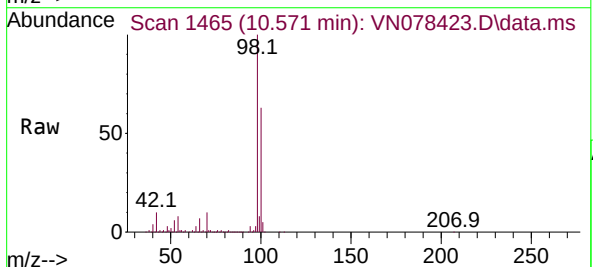
Acq: 27 Jun 2023 17:53

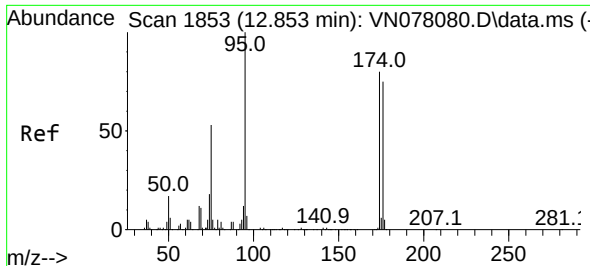
Tgt Ion: 98 Resp: 953855

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0

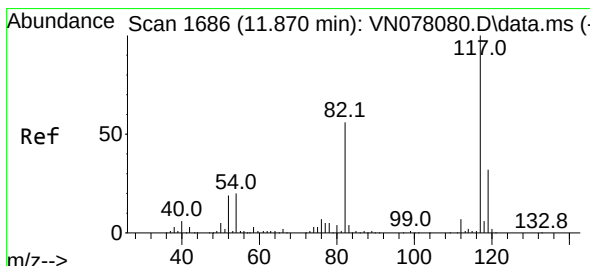
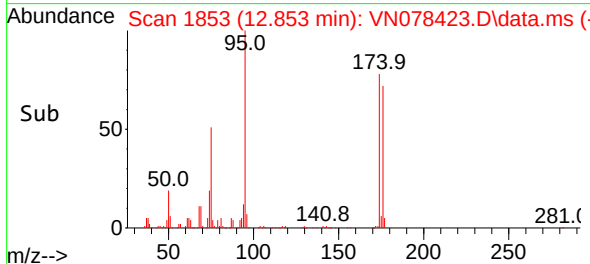
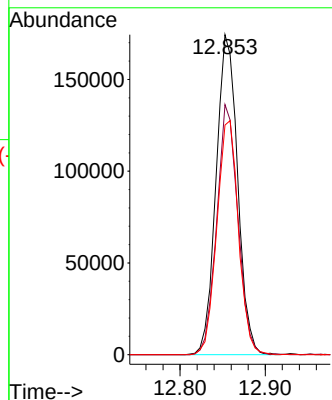
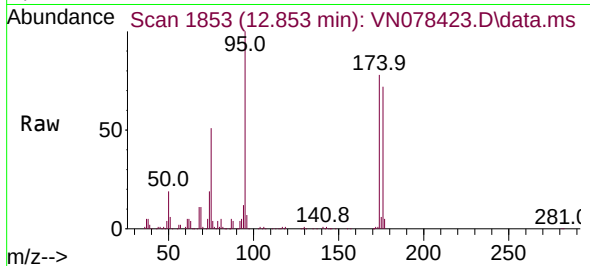




#62
4-Bromofluorobenzene
Concen: 49.473 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

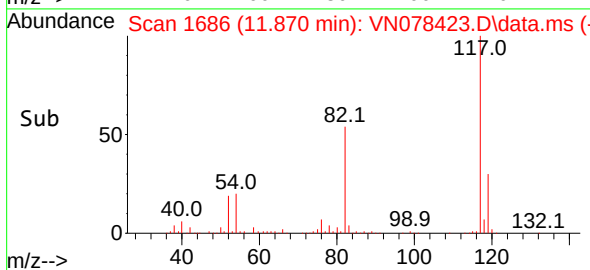
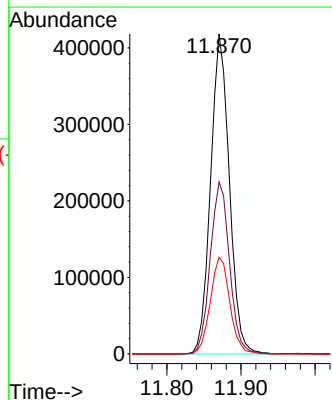
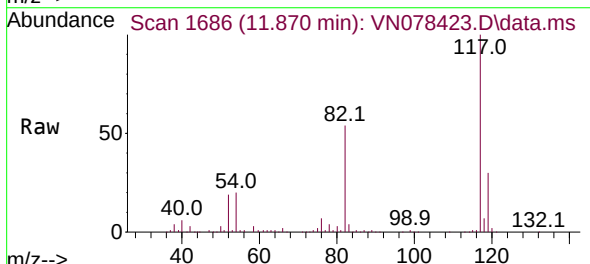
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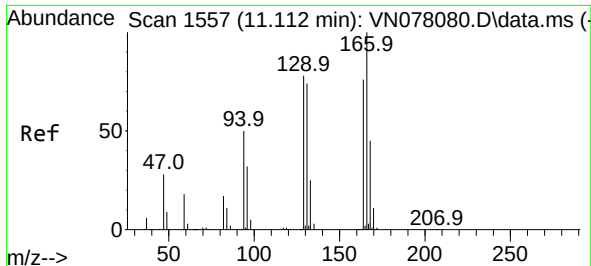
Tgt Ion: 95 Resp: 306326
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

Tgt Ion: 117 Resp: 734615
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 30.3 25.6 38.4

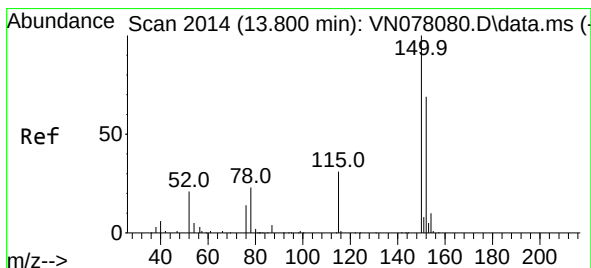
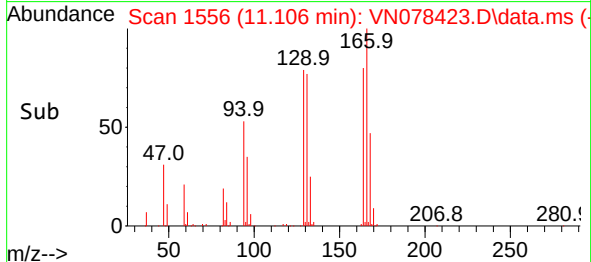
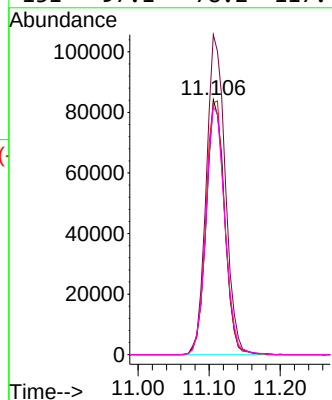
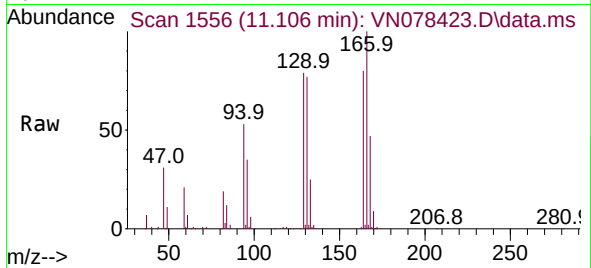




#64
Tetrachloroethene
Concen: 30.793 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TW-1RE

Tgt	Ion:164	Resp:	150911
Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.4	152.0
129	98.8	82.4	123.6
131	97.1	78.2	117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078423.D
Acq: 27 Jun 2023 17:53

Tgt	Ion:152	Resp:	233822
Ion	Ratio	Lower	Upper
152	100		
115	61.8	32.3	96.8
150	156.0	0.0	355.8

