

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078530.D
 Acq On : 14 Jul 2023 18:27
 Operator : JC\MD
 Sample : 03637-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A508

Quant Time: Jul 15 04:06:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

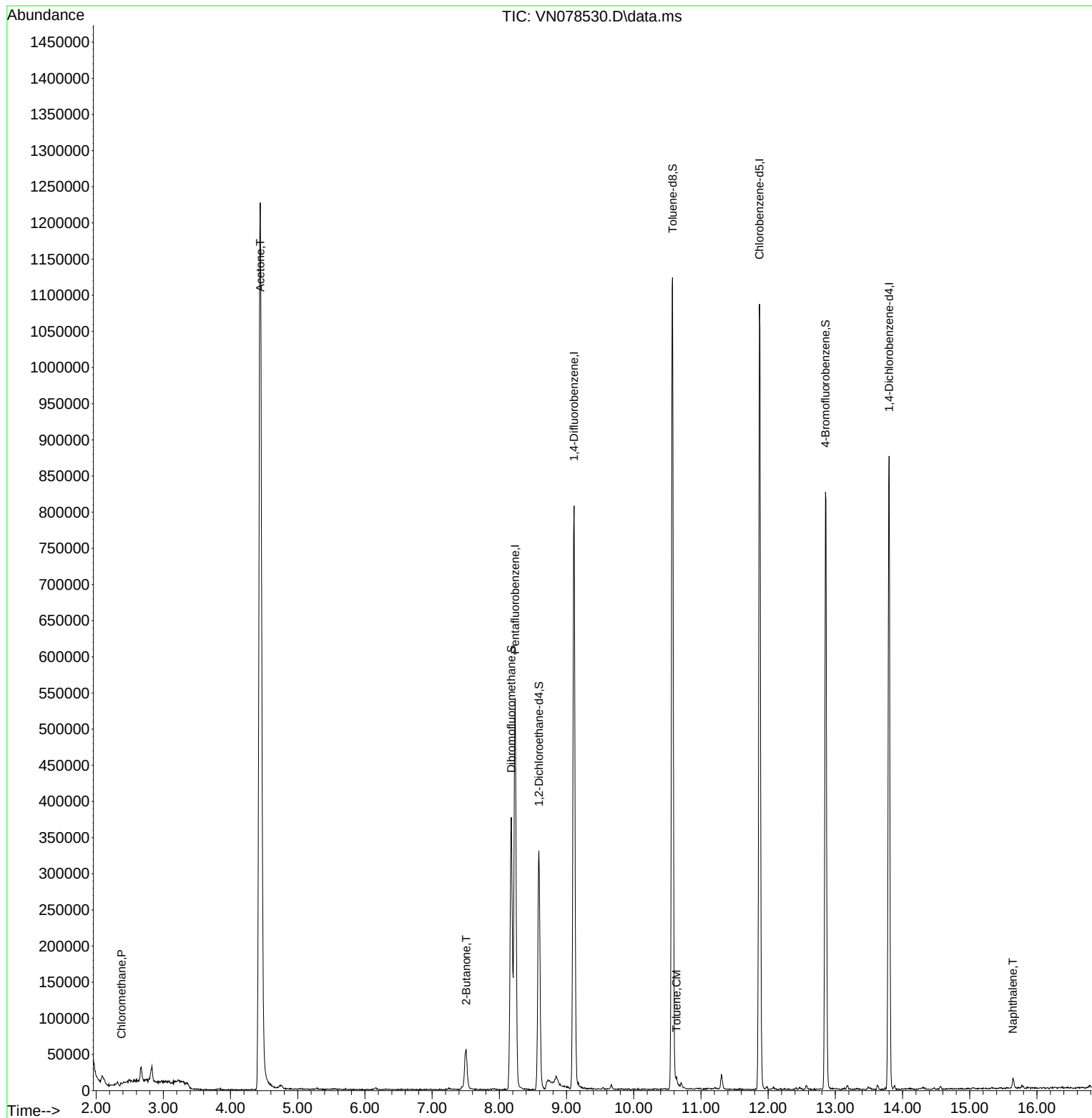
Internal Standards						
1) Pentafluorobenzene	8.236	168	394515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	720838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	667547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	245768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269520	50.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.920%
35) Dibromofluoromethane	8.177	113	274028	56.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.000%
50) Toluene-d8	10.577	98	819820	44.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.853	95	290932	51.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.200%
Target Compounds						
						Qvalue
3) Chloromethane	2.377	50	1941	0.369	ug/l #	79
16) Acetone	4.442	43	2274338	1380.485	ug/l	98
25) 2-Butanone	7.506	43	88196	34.008	ug/l #	87
52) Toluene	10.635	92	4413	0.340	ug/l	89
95) Naphthalene	15.641	128	11579	1.203	ug/l	99

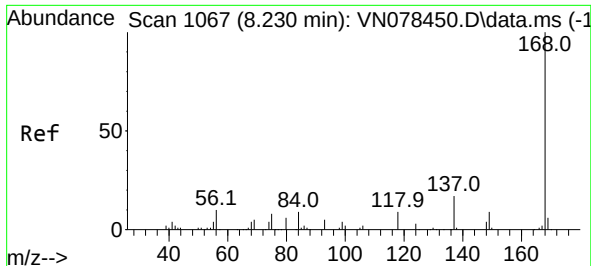
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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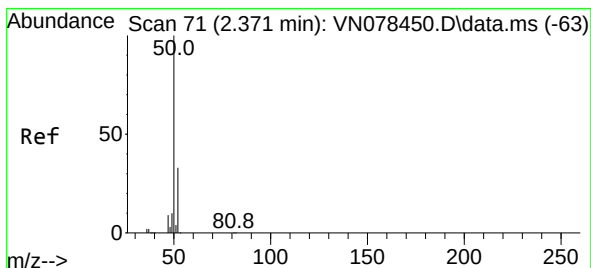
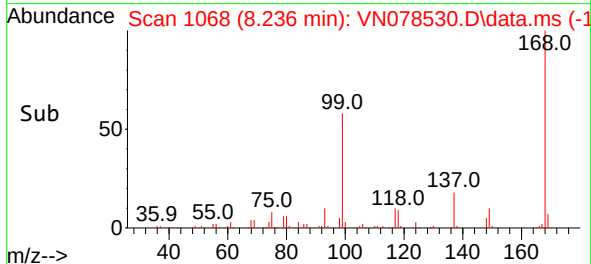
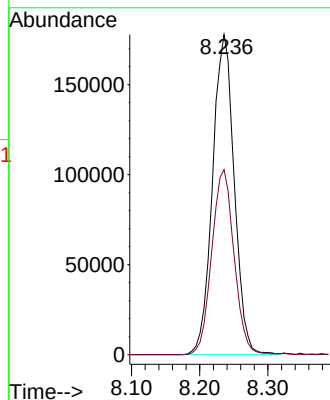
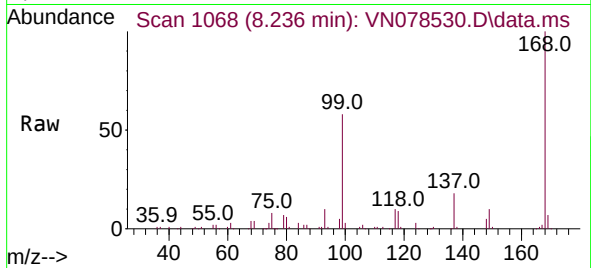




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

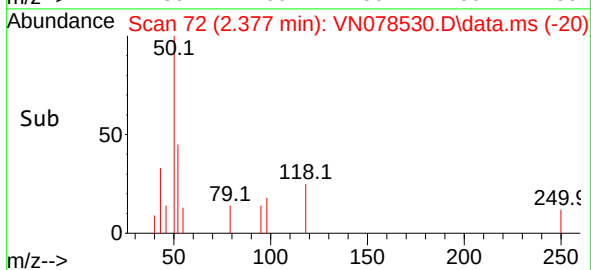
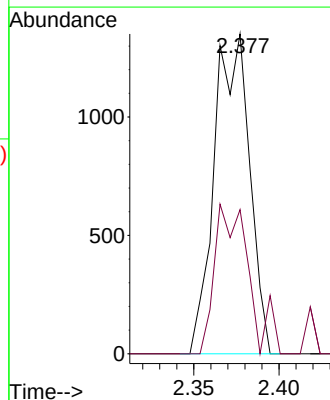
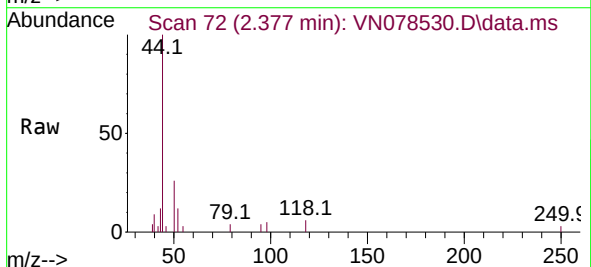
Instrument :
MSVOA_N
ClientSampleId :
A508

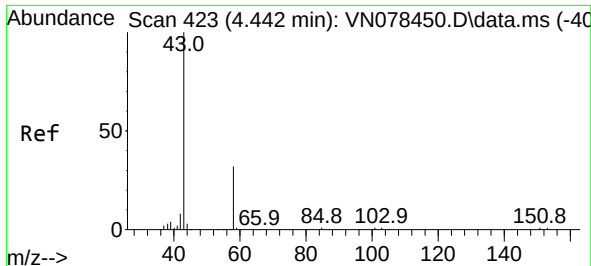
Tgt Ion:168 Resp: 394515
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#3
Chloromethane
Concen: 0.369 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

Tgt Ion: 50 Resp: 1941
Ion Ratio Lower Upper
50 100
52 45.1 26.5 39.7#





#16

Acetone

Concen: 1380.485 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078530.D

Acq: 14 Jul 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

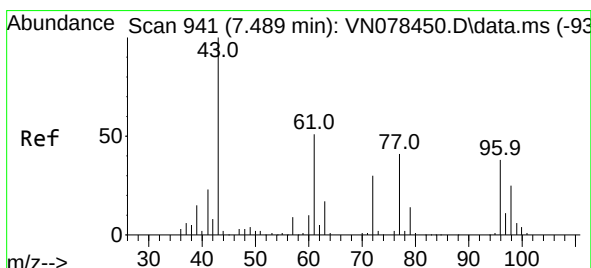
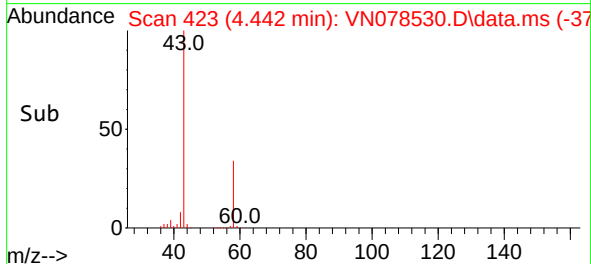
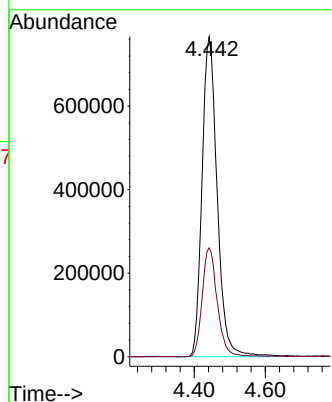
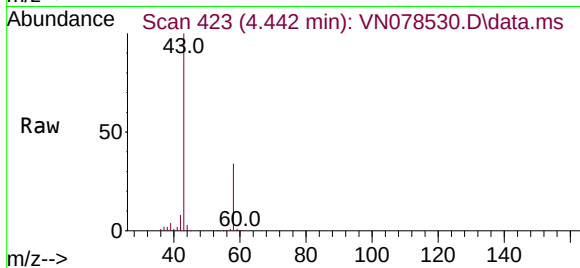
A508

Tgt Ion: 43 Resp: 2274338

Ion Ratio Lower Upper

43 100

58 34.0 28.0 42.0



#25

2-Butanone

Concen: 34.008 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.017 min

Lab File: VN078530.D

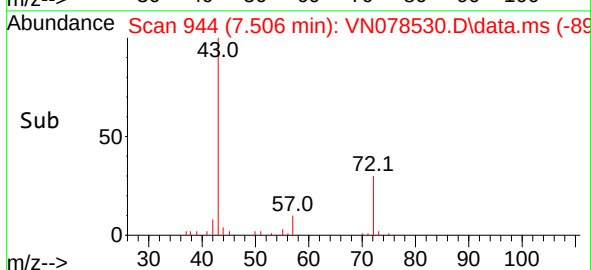
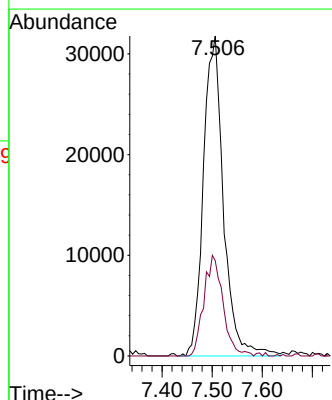
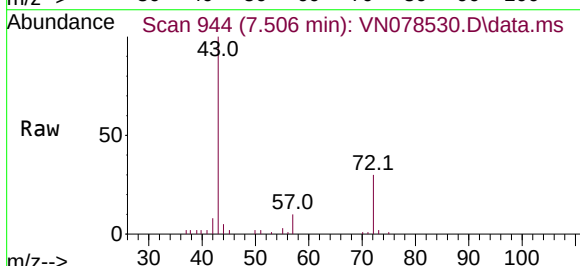
Acq: 14 Jul 2023 18:27

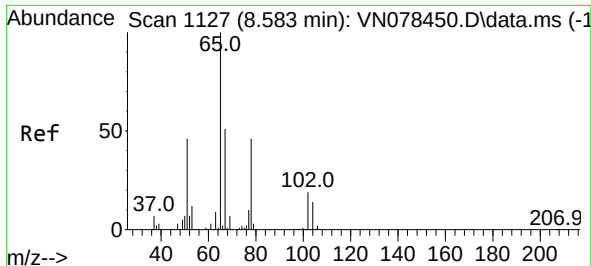
Tgt Ion: 43 Resp: 88196

Ion Ratio Lower Upper

43 100

72 29.8 30.2 45.2#

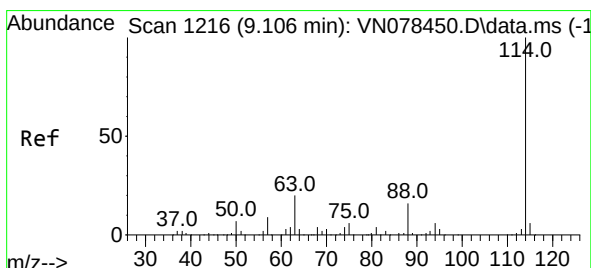
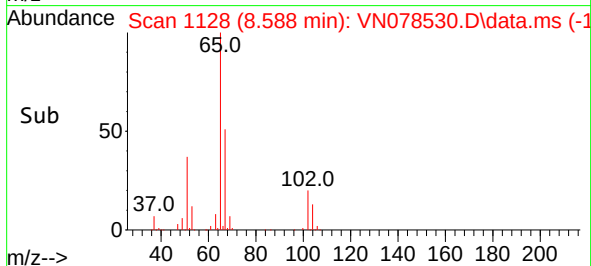
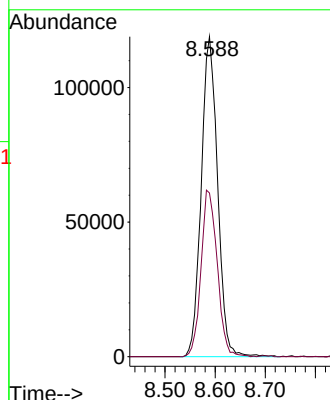
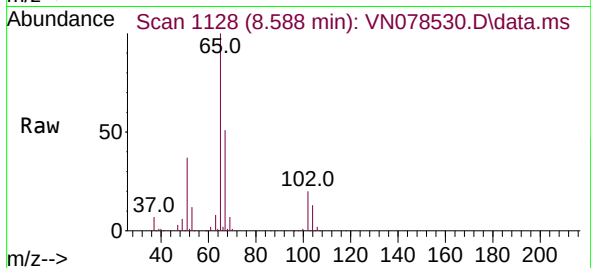




#33
1,2-Dichloroethane-d4
Concen: 50.960 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

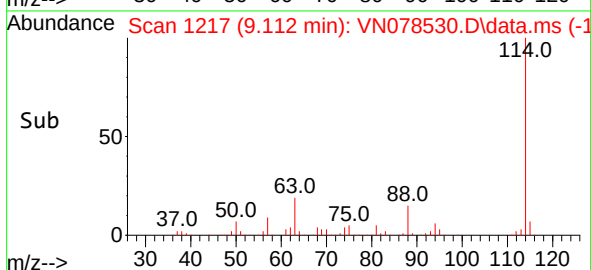
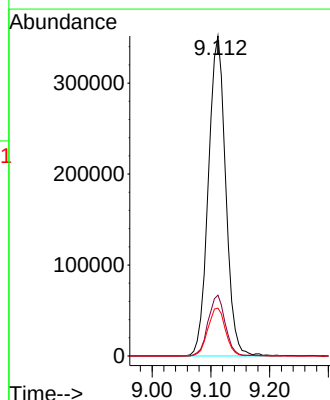
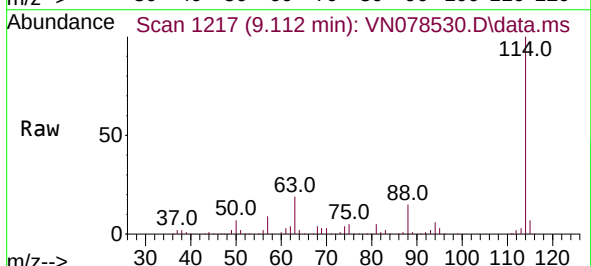
Instrument :
MSVOA_N
ClientSampleId :
A508

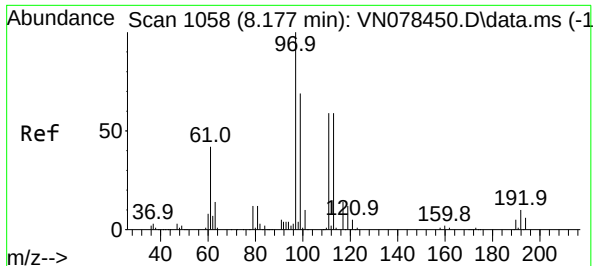
Tgt Ion: 65 Resp: 269520
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

Tgt Ion: 114 Resp: 720838
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.001 ug/l

RT: 8.177 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN078530.D

Acq: 14 Jul 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

A508

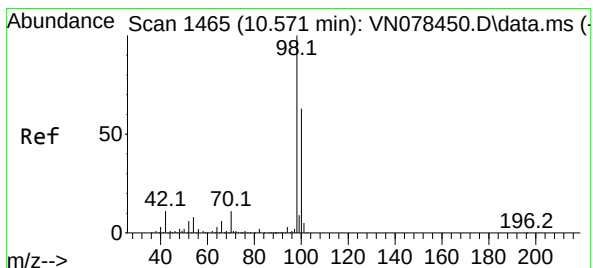
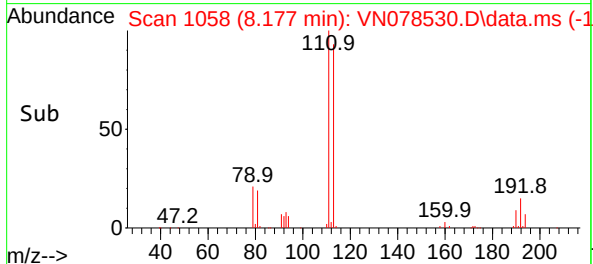
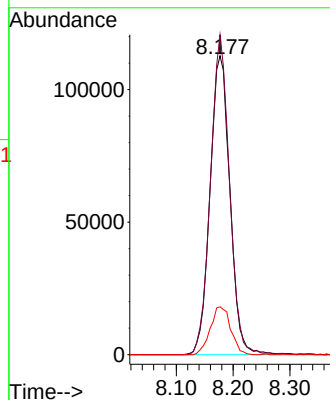
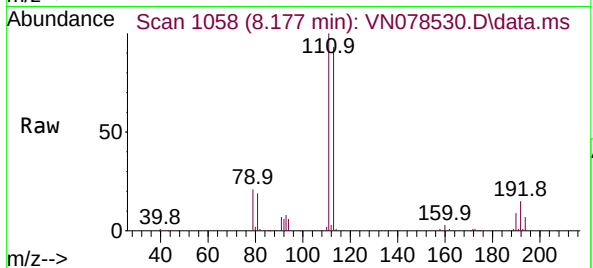
Tgt Ion:113 Resp: 274028

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.4 12.7 19.1



#50

Toluene-d8

Concen: 44.350 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078530.D

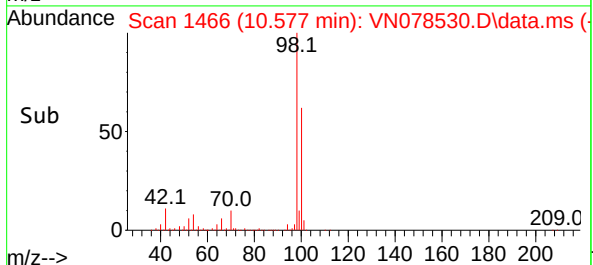
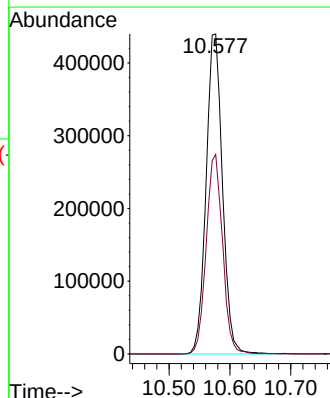
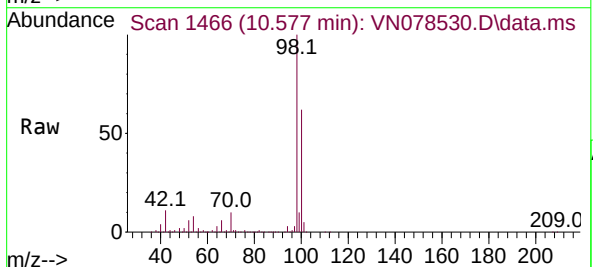
Acq: 14 Jul 2023 18:27

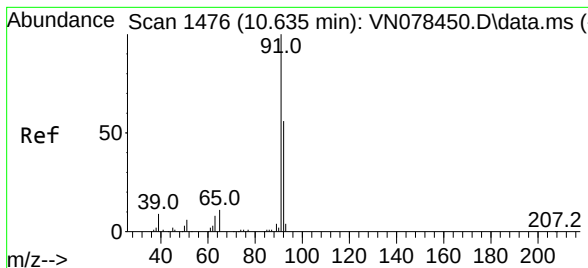
Tgt Ion: 98 Resp: 819820

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0





#52

Toluene

Concen: 0.340 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078530.D

Acq: 14 Jul 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

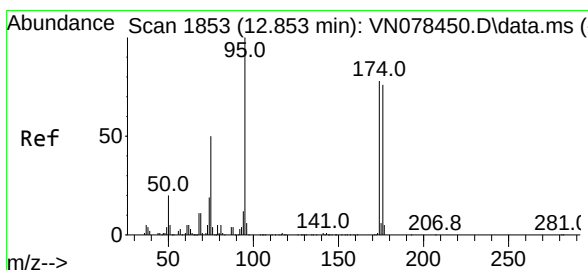
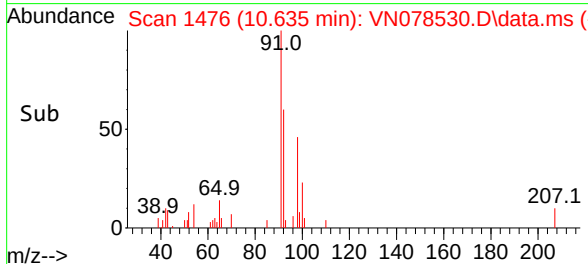
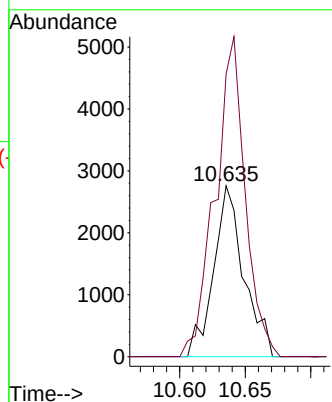
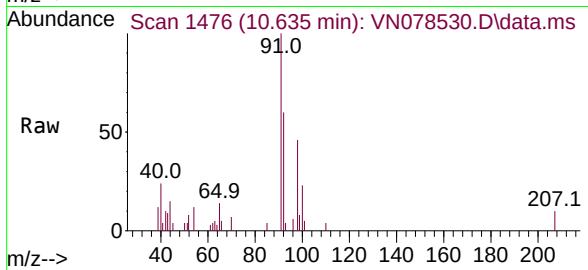
A508

Tgt Ion: 92 Resp: 4413

Ion Ratio Lower Upper

92 100

91 186.2 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 51.096 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078530.D

Acq: 14 Jul 2023 18:27

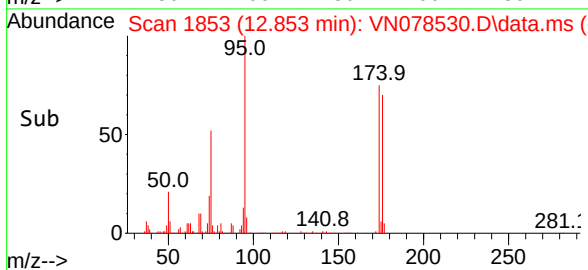
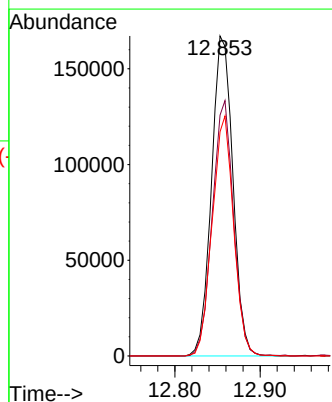
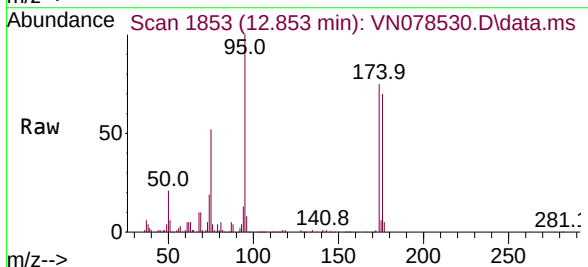
Tgt Ion: 95 Resp: 290932

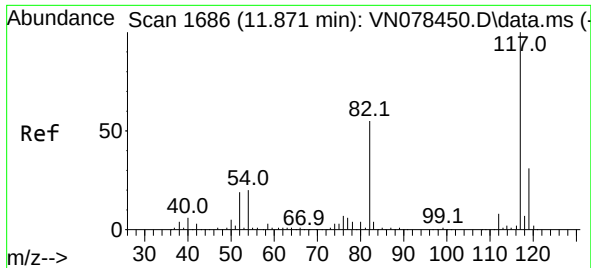
Ion Ratio Lower Upper

95 100

174 79.4 0.0 143.8

176 75.2 0.0 135.8

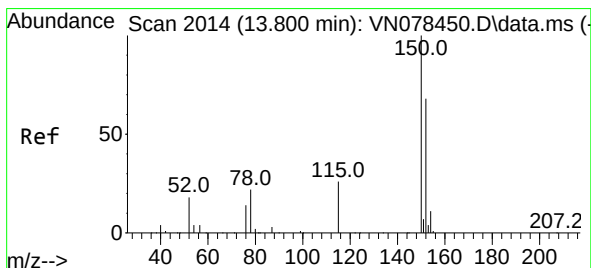
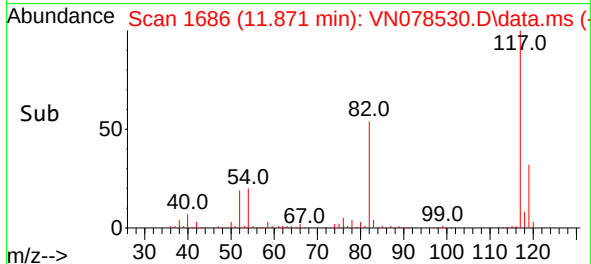
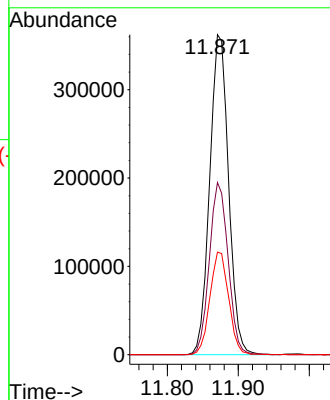
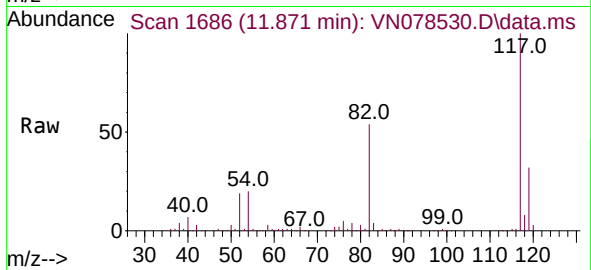




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

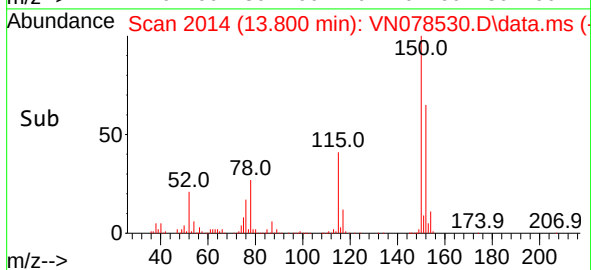
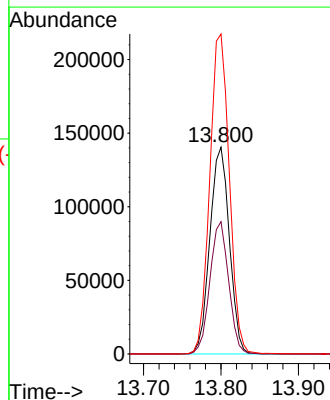
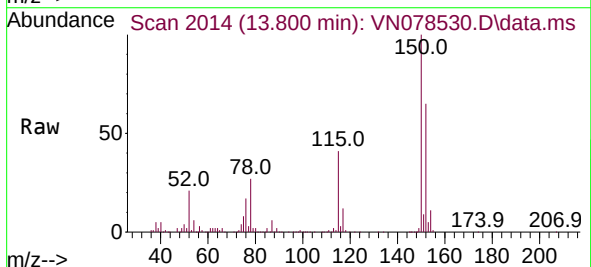
Instrument :
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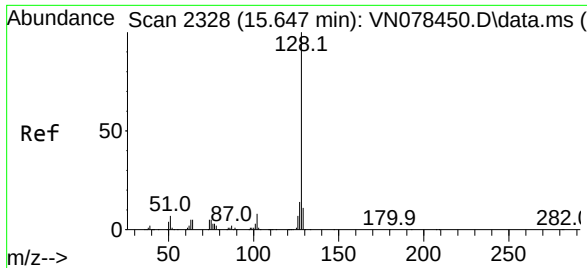
Tgt Ion:117 Resp: 667547
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078530.D
Acq: 14 Jul 2023 18:27

Tgt Ion:152 Resp: 245768
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 155.0 0.0 355.8





#95

Naphthalene

Concen: 1.203 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078530.D

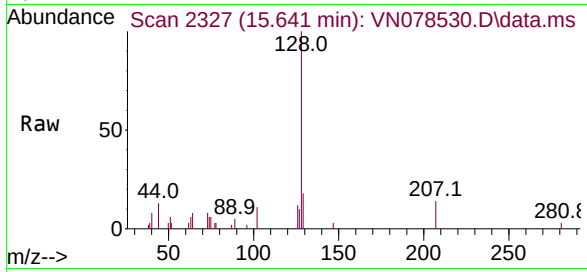
Acq: 14 Jul 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

A508



Tgt Ion:128 Resp: 11579

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

129 11.6 8.7 13.1

