

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078499.D
 Acq On : 13 Jul 2023 15:24
 Operator : JC\MD
 Sample : 03606-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-293-308-071223-FD

Quant Time: Jul 14 01:34:23 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)

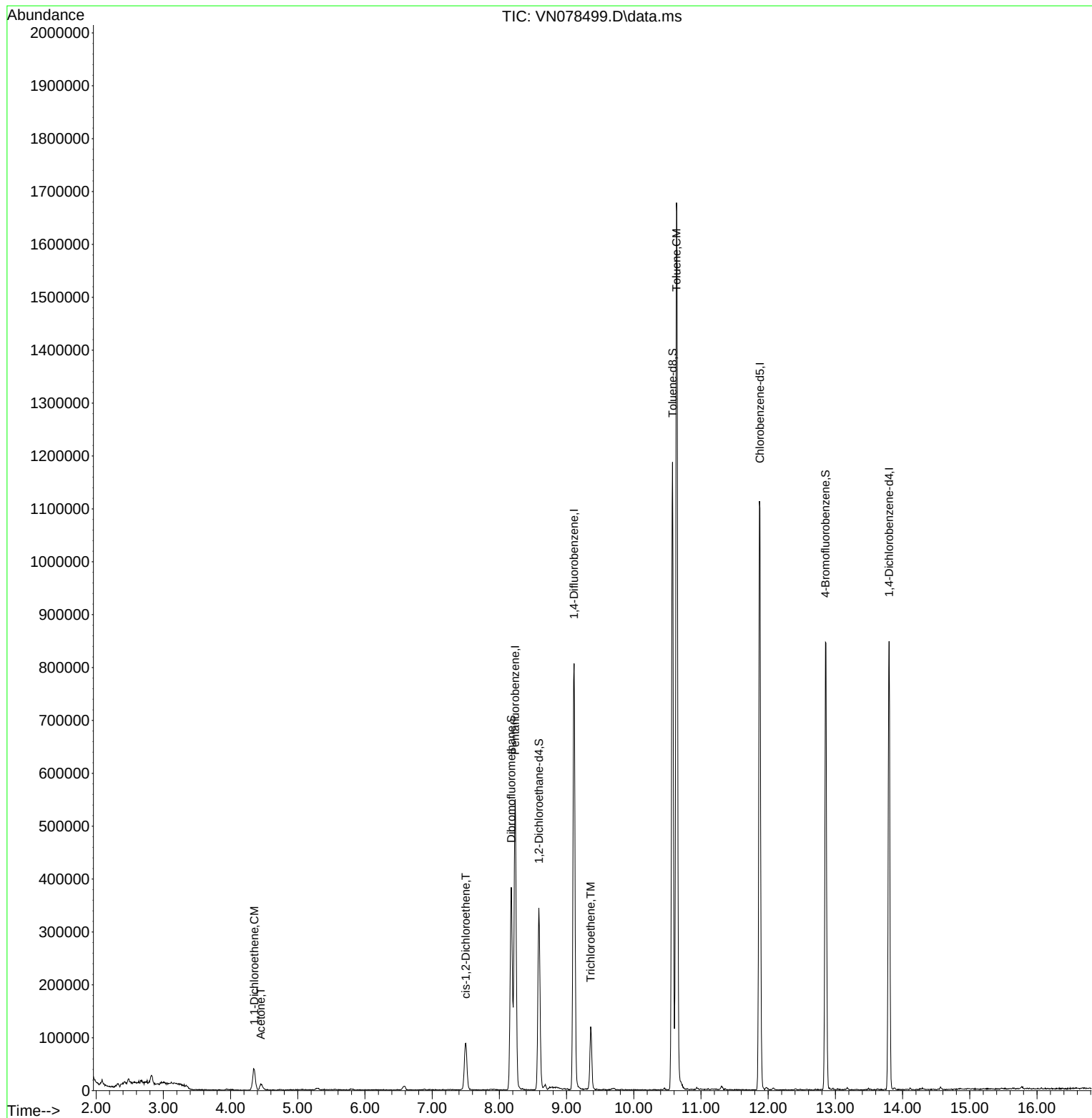
Internal Standards						
1) Pentafluorobenzene	8.235	168	409630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	732482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	683322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270139	49.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.177	113	275258	55.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.720%
50) Toluene-d8	10.576	98	853749	45.451	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.853	95	298406	51.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	25830	5.976	ug/l	90
16) Acetone	4.447	43	21581	12.616	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	55354	9.824	ug/l	96
44) Trichloroethene	9.359	130	42299	7.379	ug/l	95
52) Toluene	10.635	92	767708	58.236	ug/l	95

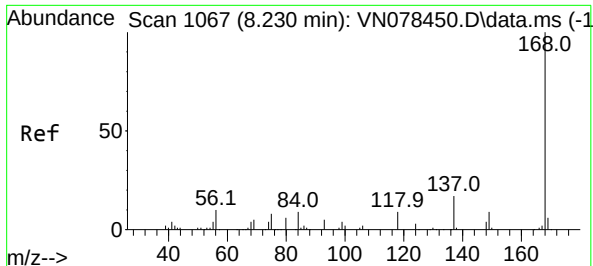
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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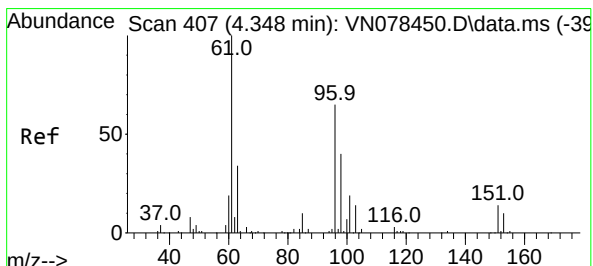
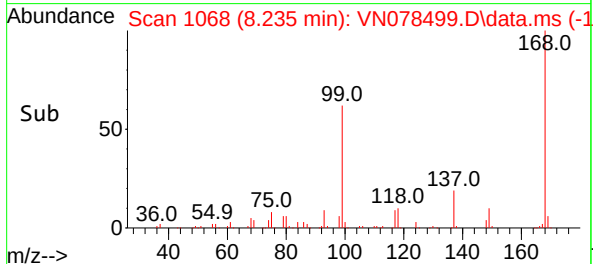
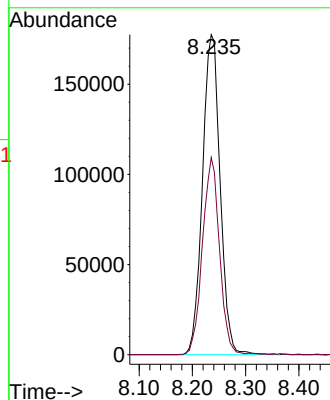
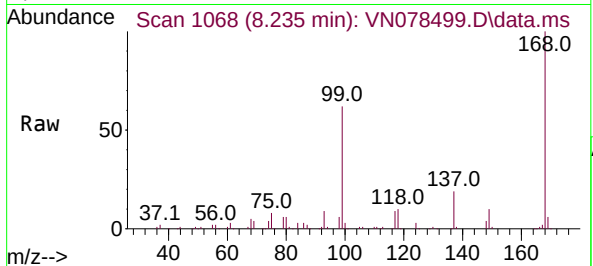




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

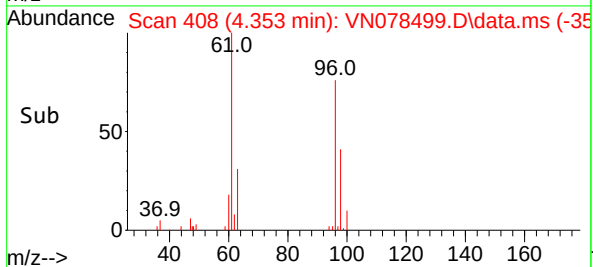
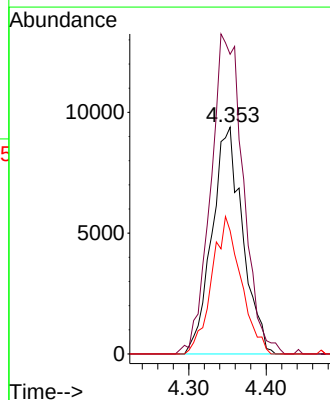
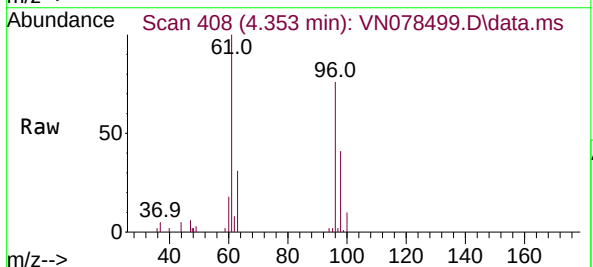
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

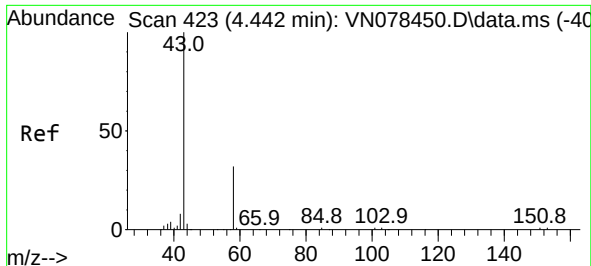
Tgt Ion:168 Resp: 409630
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.976 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

Tgt Ion: 96 Resp: 25830
Ion Ratio Lower Upper
96 100
61 130.3 112.7 169.1
98 54.3 51.2 76.8

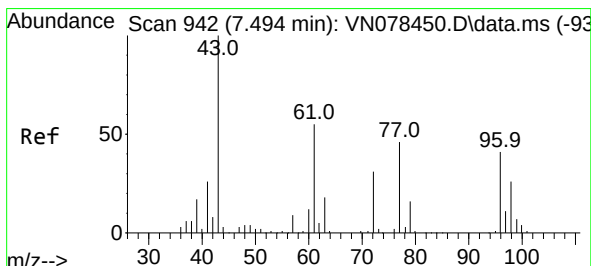
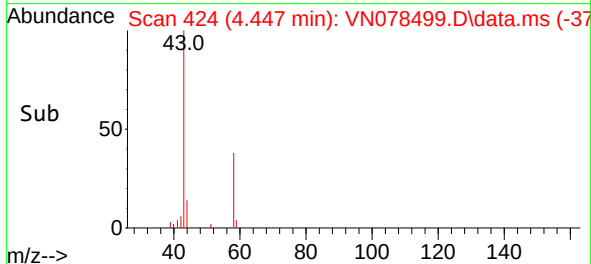
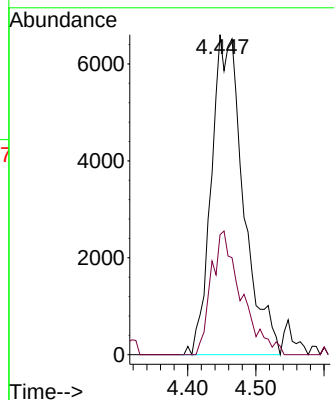
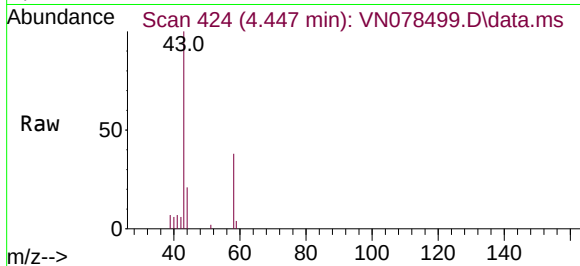




#16
Acetone
Concen: 12.616 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

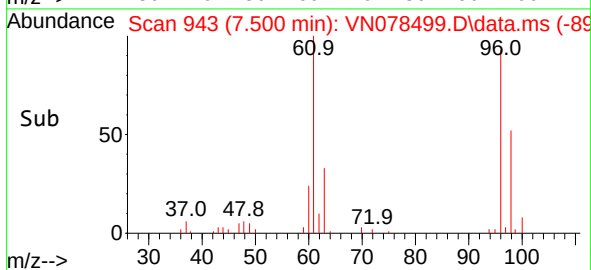
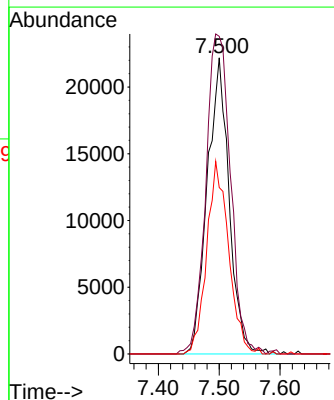
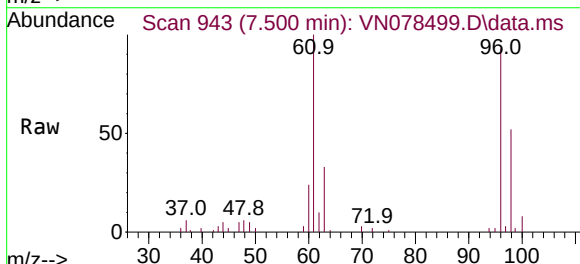
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

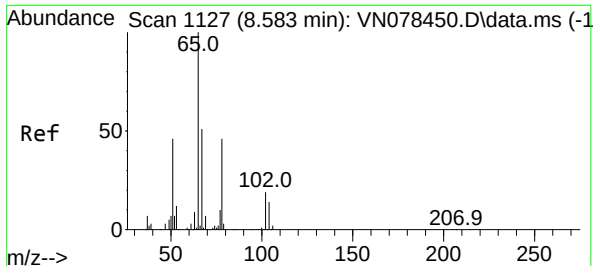
Tgt Ion: 43 Resp: 21581
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0



#27
cis-1,2-Dichloroethene
Concen: 9.824 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

Tgt Ion: 96 Resp: 55354
Ion Ratio Lower Upper
96 100
61 122.0 0.0 255.2
98 65.2 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078499.D

Acq: 13 Jul 2023 15:24

Instrument :

MSVOA_N

ClientSampleId :

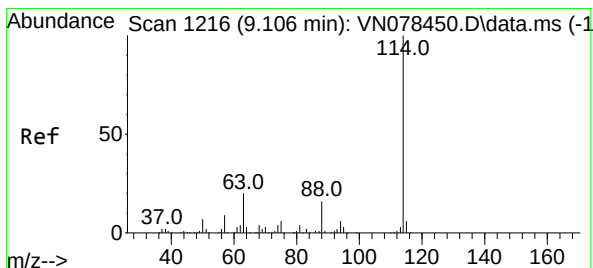
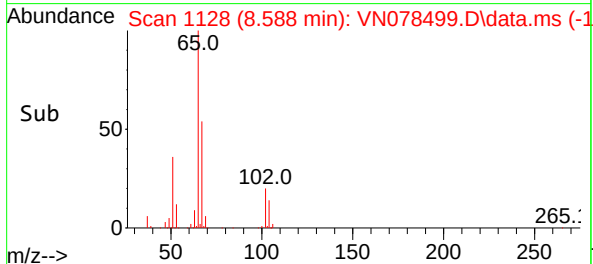
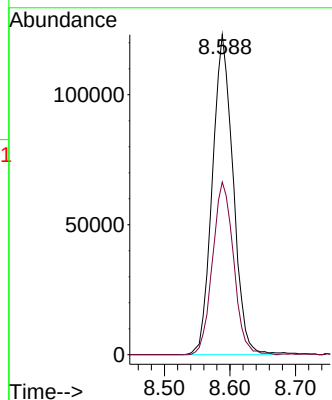
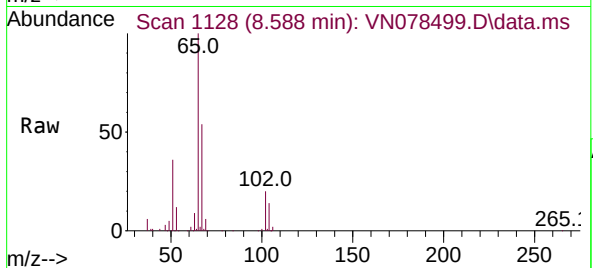
GWBR-04-293-308-071223-FD

Tgt Ion: 65 Resp: 270139

Ion Ratio Lower Upper

65 100

67 54.8 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: VN078499.D

Acq: 13 Jul 2023 15:24

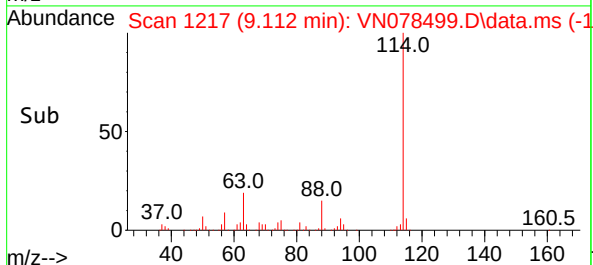
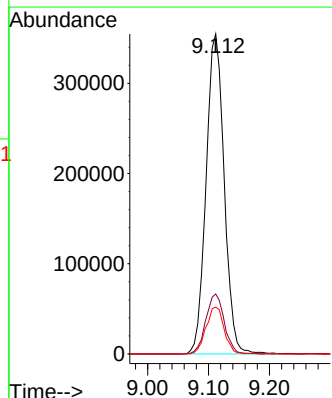
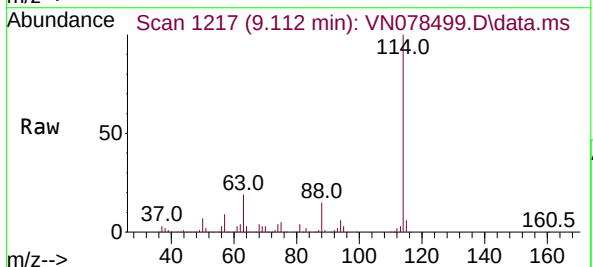
Tgt Ion: 114 Resp: 732482

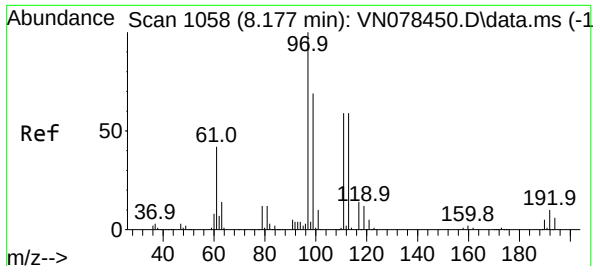
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.358 ug/l

RT: 8.177 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN078499.D

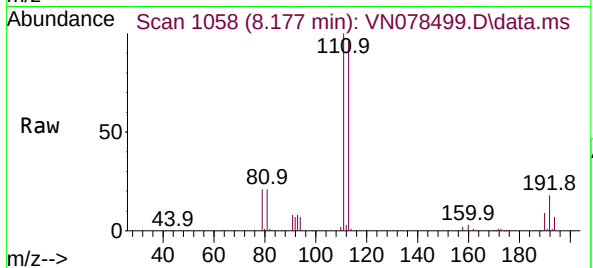
Acq: 13 Jul 2023 15:24

Instrument :

MSVOA_N

ClientSampleId :

GWBR-04-293-308-071223-FD



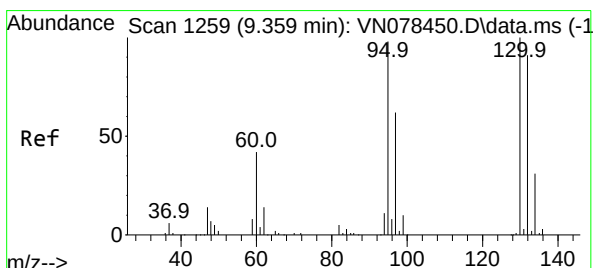
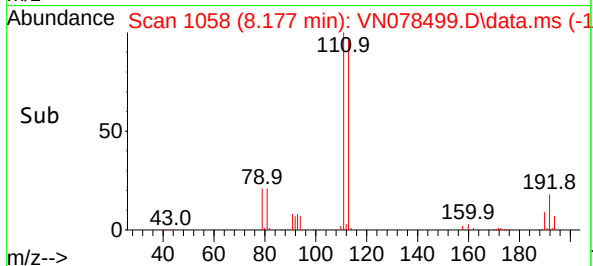
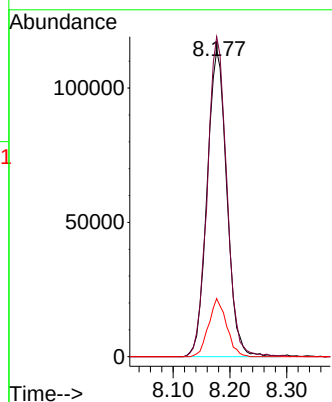
Tgt Ion:113 Resp: 275258

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.3 12.7 19.1



#44

Trichloroethene

Concen: 7.379 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078499.D

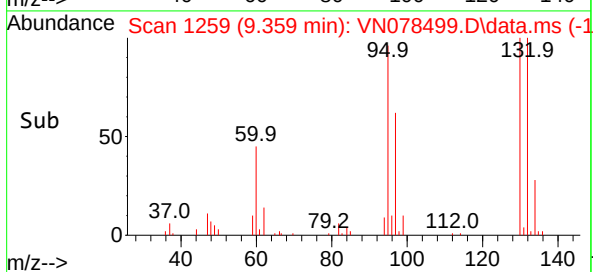
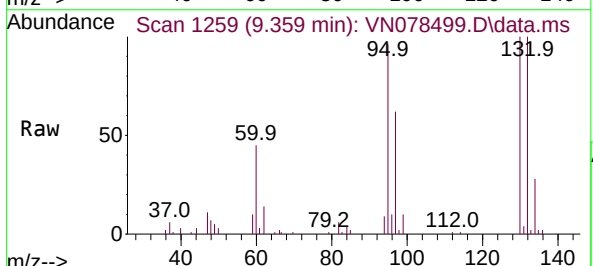
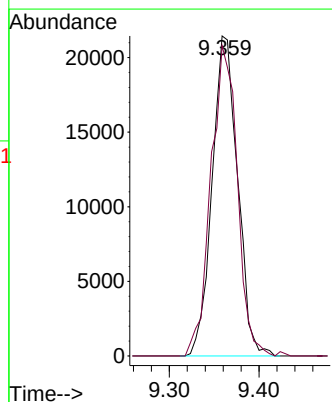
Acq: 13 Jul 2023 15:24

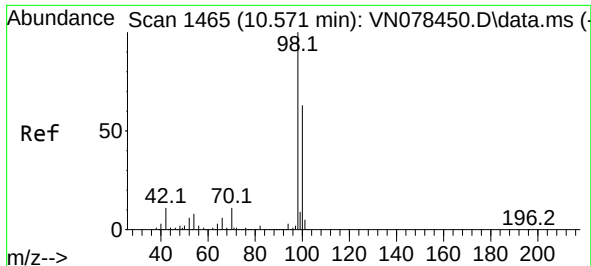
Tgt Ion:130 Resp: 42299

Ion Ratio Lower Upper

130 100

95 96.9 0.0 204.6

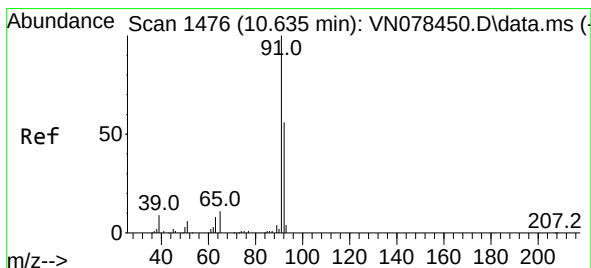
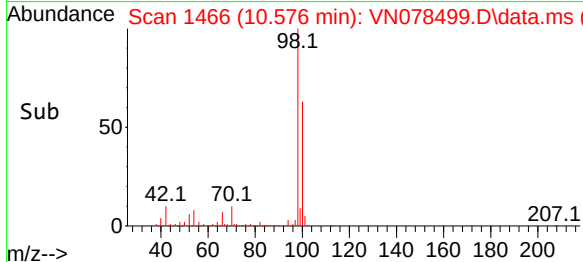
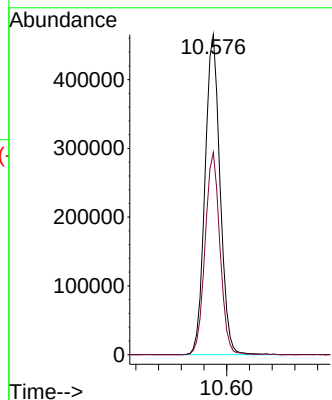
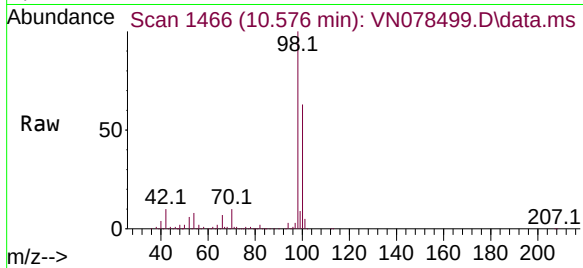




#50
Toluene-d8
Concen: 45.451 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

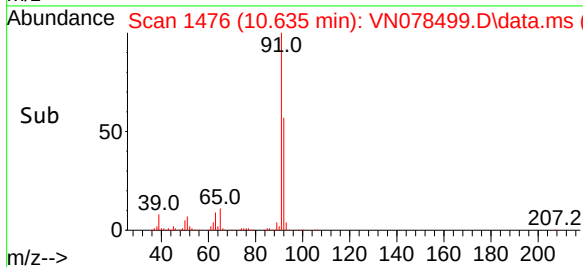
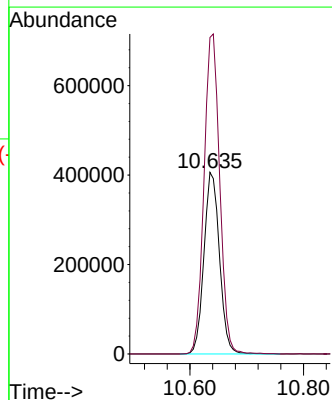
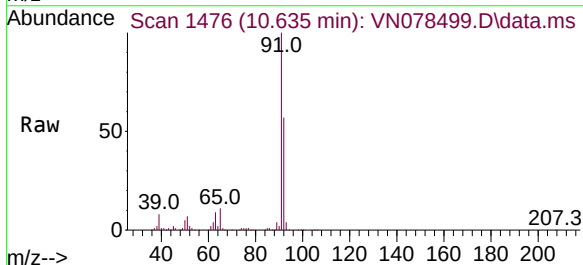
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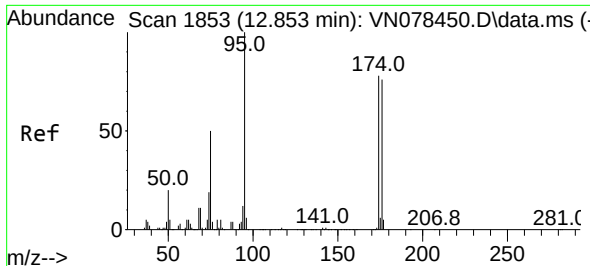
Tgt Ion: 98 Resp: 853749
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#52
Toluene
Concen: 58.236 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

Tgt Ion: 92 Resp: 767708
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0

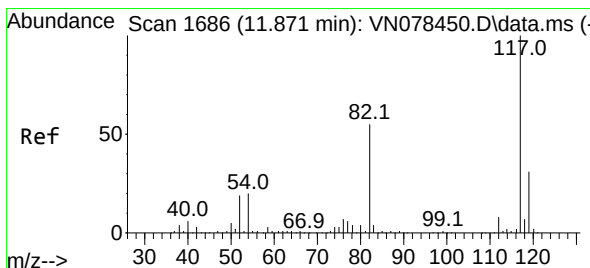
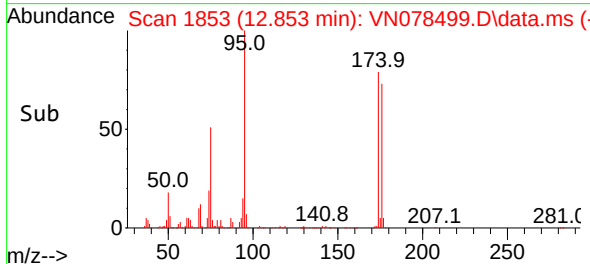
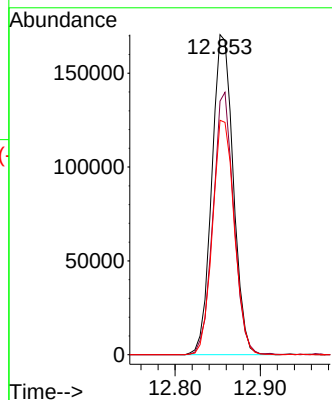
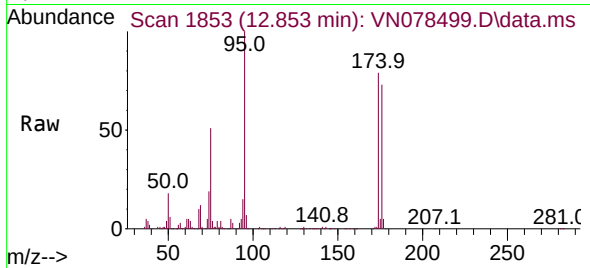




#62
4-Bromofluorobenzene
Concen: 51.575 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

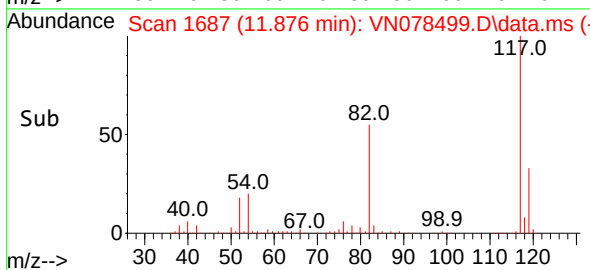
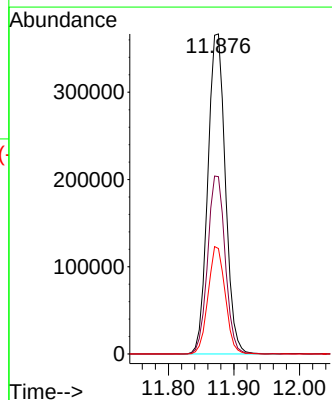
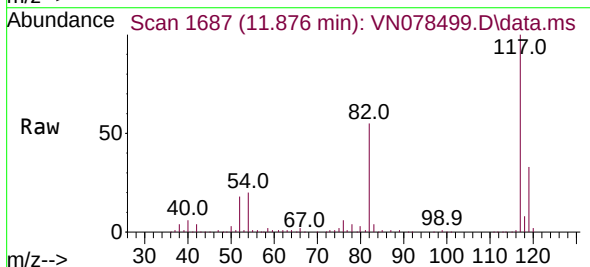
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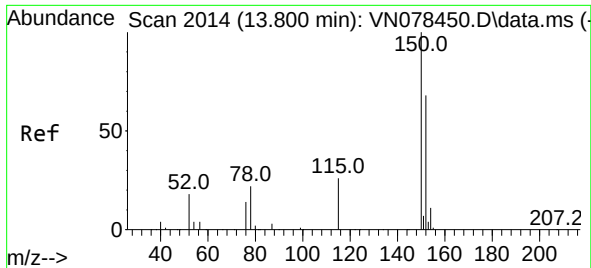
Tgt Ion:	95	Resp:	298406
Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	143.8
176	74.4	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.005 min
Lab File: VN078499.D
Acq: 13 Jul 2023 15:24

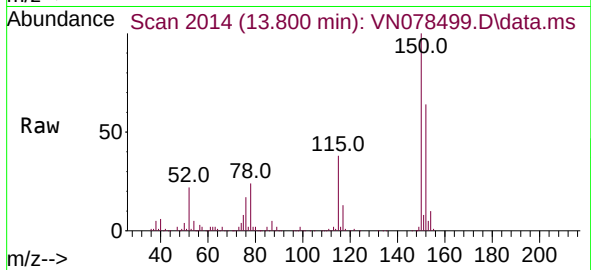
Tgt Ion:	117	Resp:	683322
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.0	66.0
119	33.0	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078499.D
 Acq: 13 Jul 2023 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 237394
 Ion Ratio Lower Upper
 152 100
 115 60.8 32.3 96.8
 150 155.7 0.0 355.8

