

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078529.D
 Acq On : 14 Jul 2023 18:02
 Operator : JC\MD
 Sample : 03635-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-359-374-071423

Quant Time: Jul 15 04:05:41 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)

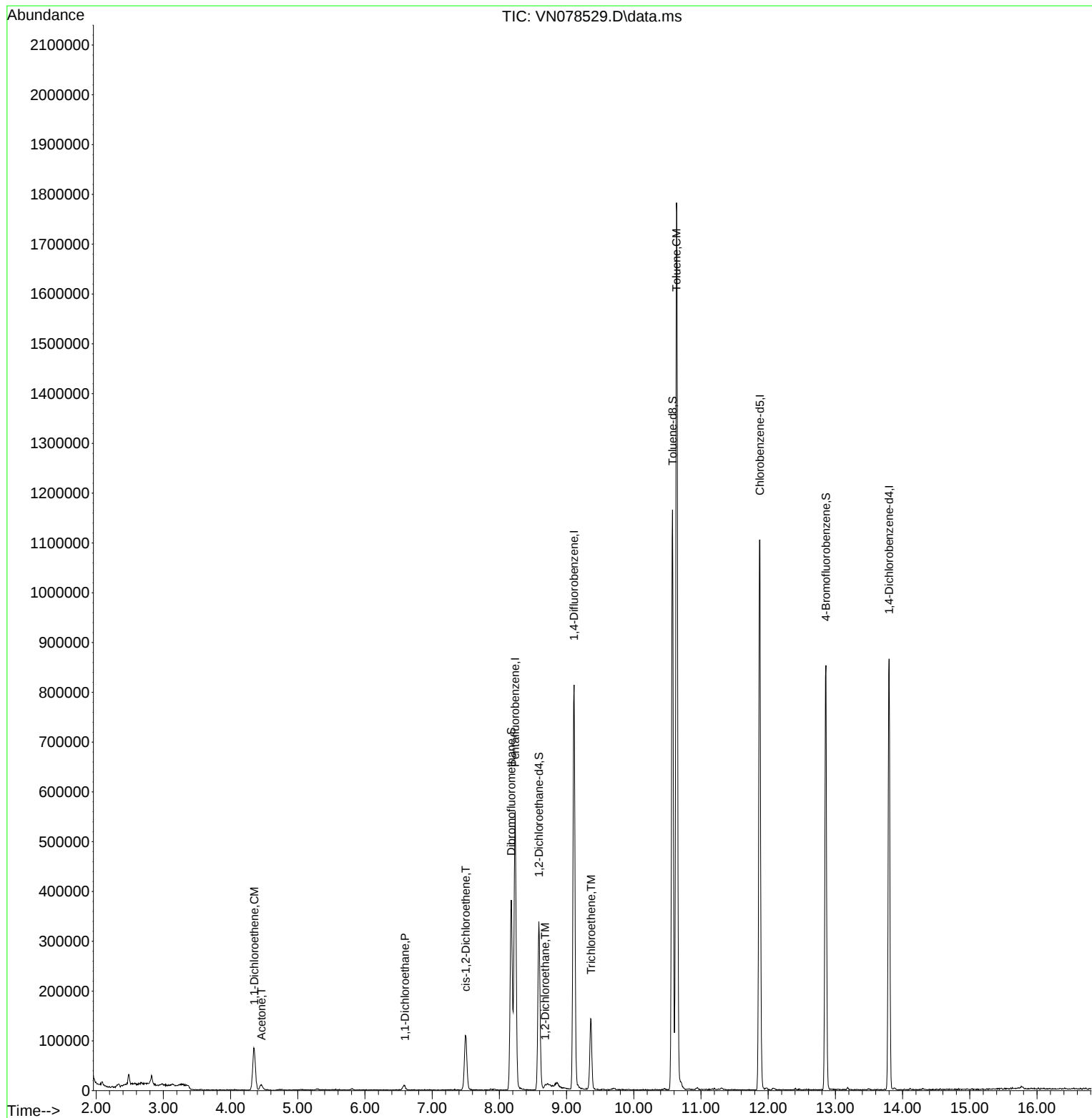
Internal Standards						
1) Pentafluorobenzene	8.235	168	403573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	719746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	683933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	245646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272043	50.282	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.560%		
35) Dibromofluoromethane	8.177	113	272818	55.838	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.680%		
50) Toluene-d8	10.576	98	841570	45.595	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.200%		
62) 4-Bromofluorobenzene	12.859	95	300081	52.782	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.560%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.353	96	51869	12.180	ug/l	89
16) Acetone	4.459	43	20538	12.186	ug/l #	83
24) 1,1-Dichloroethane	6.594	63	12743	1.451	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	67577	12.173	ug/l	94
42) 1,2-Dichloroethane	8.682	62	7799	1.097	ug/l	97
44) Trichloroethene	9.365	130	52905	9.392	ug/l	99
52) Toluene	10.635	92	801976	61.912	ug/l	94

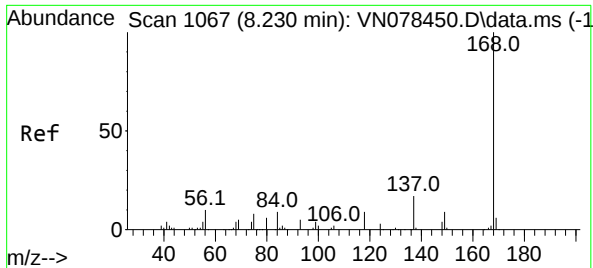
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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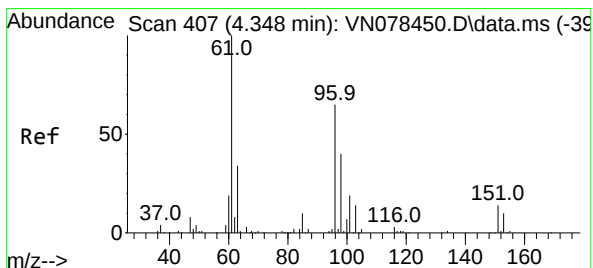
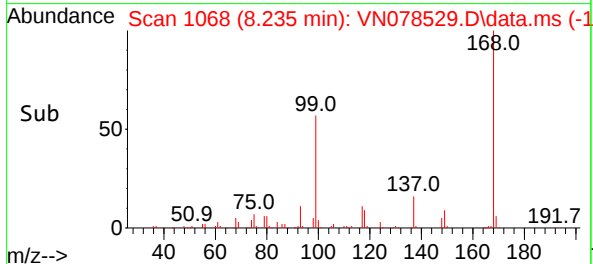
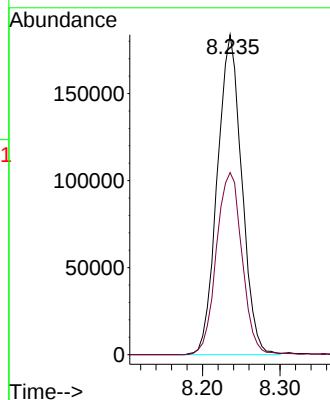
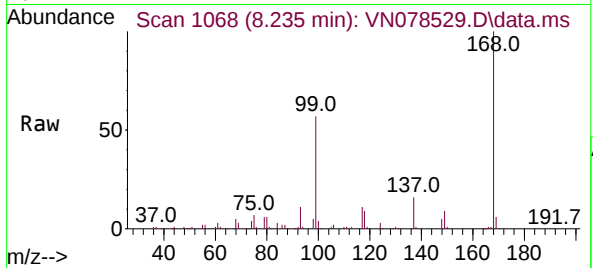




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078529.D
Acq: 14 Jul 2023 18:02

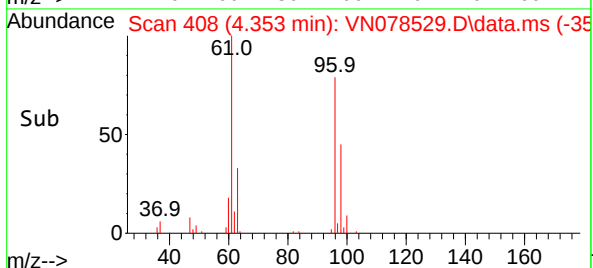
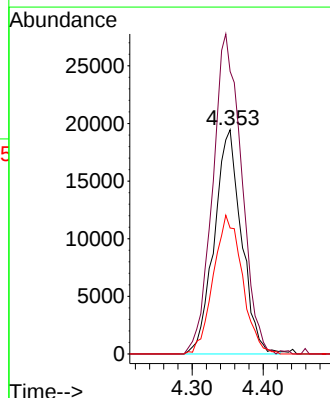
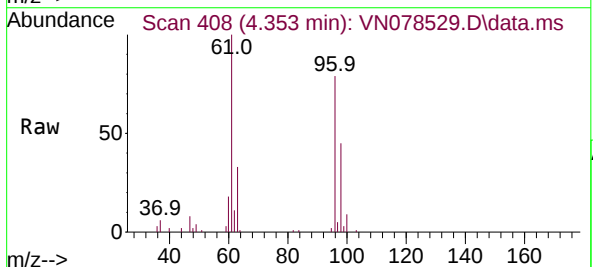
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-359-374-071423

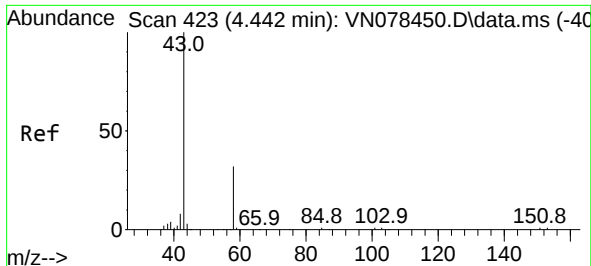
Tgt Ion:168 Resp: 403573
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6



#12
1,1-Dichloroethene
Concen: 12.180 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078529.D
Acq: 14 Jul 2023 18:02

Tgt Ion: 96 Resp: 51869
Ion Ratio Lower Upper
96 100
61 126.0 112.7 169.1
98 56.2 51.2 76.8





#16

Acetone

Concen: 12.186 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

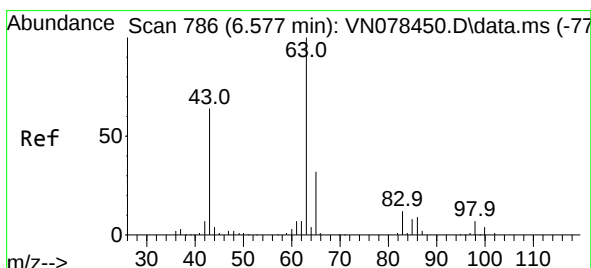
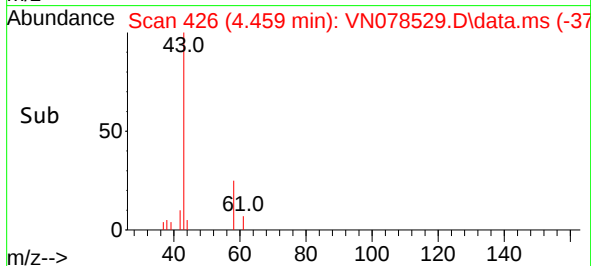
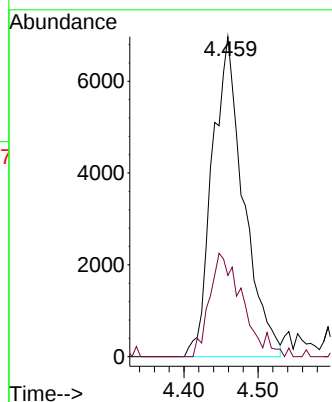
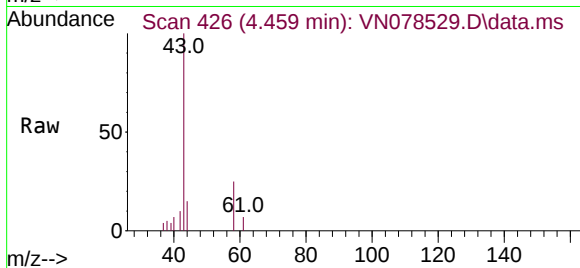
GWBR-04-359-374-071423

Tgt Ion: 43 Resp: 20538

Ion Ratio Lower Upper

43 100

58 25.4 28.0 42.0#



#24

1,1-Dichloroethane

Concen: 1.451 ug/l

RT: 6.594 min Scan# 789

Delta R.T. 0.017 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

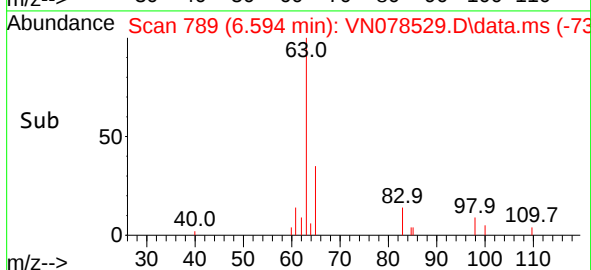
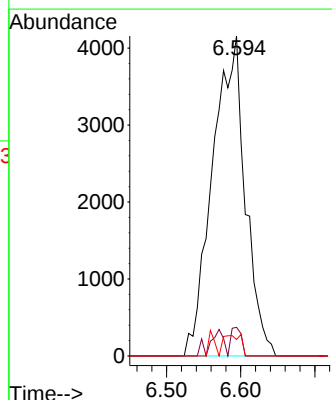
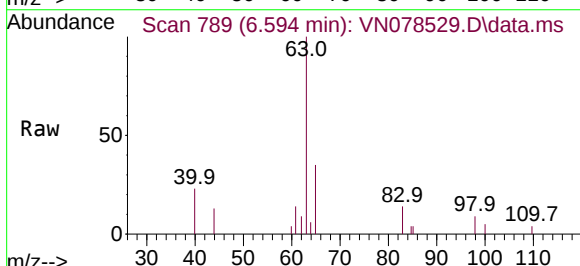
Tgt Ion: 63 Resp: 12743

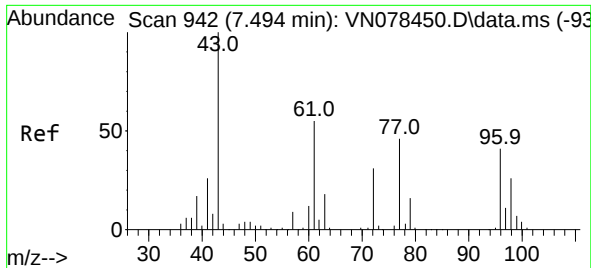
Ion Ratio Lower Upper

63 100

98 8.9 3.9 11.7

100 5.1 2.5 7.4

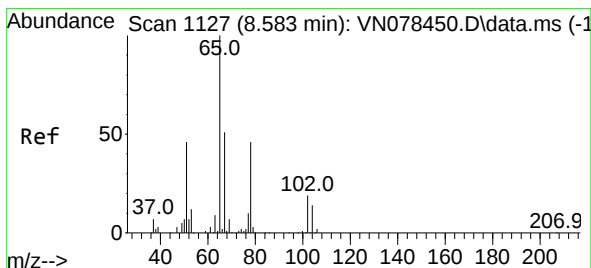
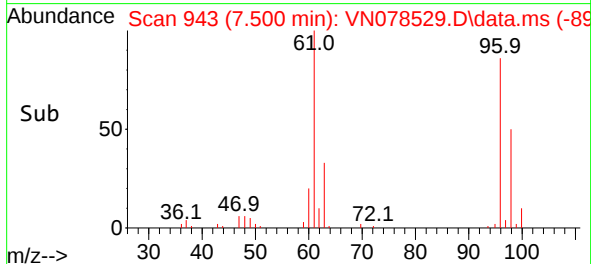
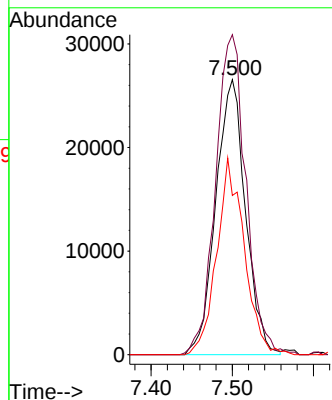
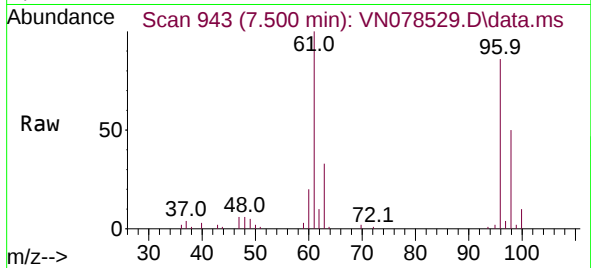




#27
 cis-1,2-Dichloroethene
 Concen: 12.173 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078529.D
 Acq: 14 Jul 2023 18:02

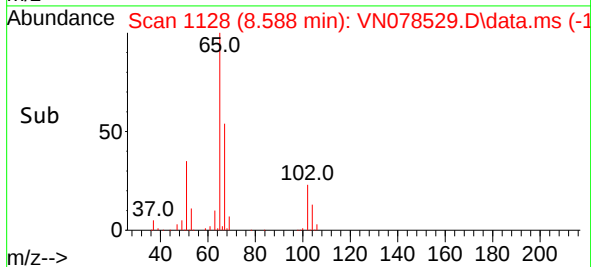
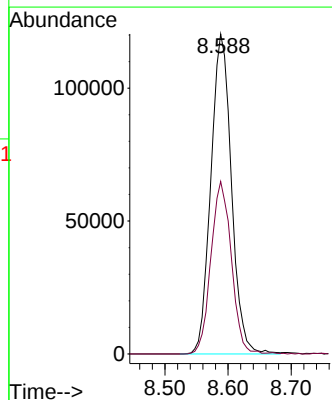
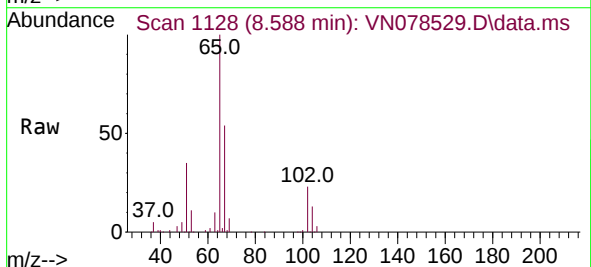
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-359-374-071423

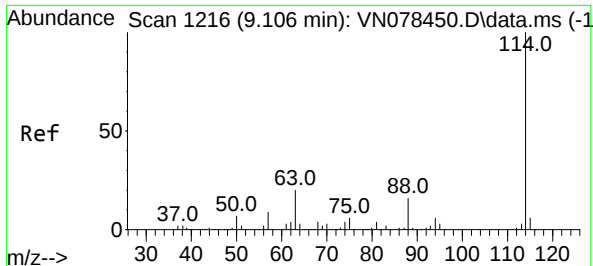
Tgt Ion: 96 Resp: 67577
 Ion Ratio Lower Upper
 96 100
 61 118.8 0.0 255.2
 98 66.2 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.282 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.005 min
 Lab File: VN078529.D
 Acq: 14 Jul 2023 18:02

Tgt Ion: 65 Resp: 272043
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

GWBR-04-359-374-071423

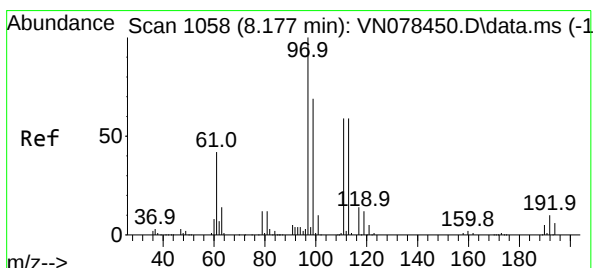
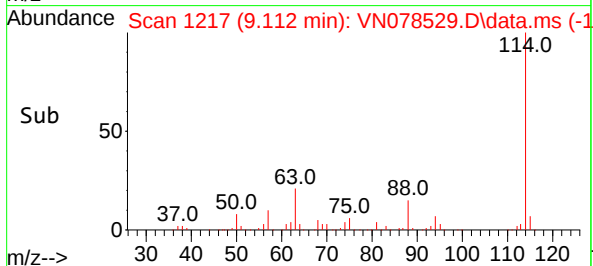
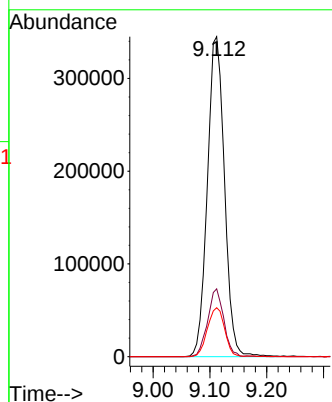
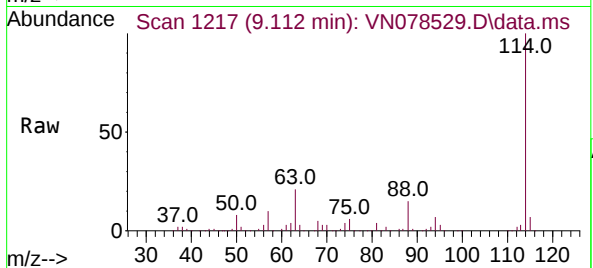
Tgt Ion:114 Resp: 719746

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.838 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

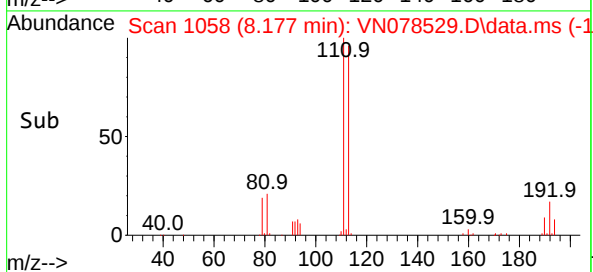
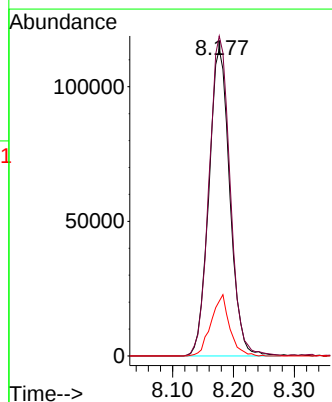
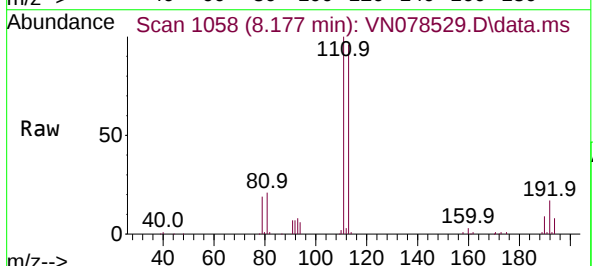
Tgt Ion:113 Resp: 272818

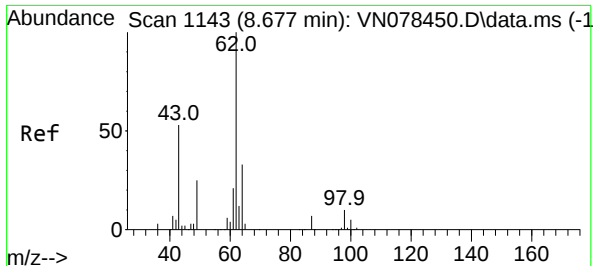
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 17.7 12.7 19.1





#42

1,2-Dichloroethane

Concen: 1.097 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.005 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

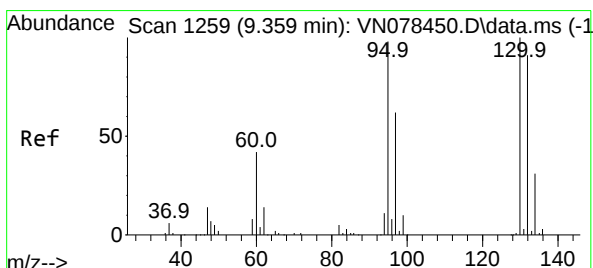
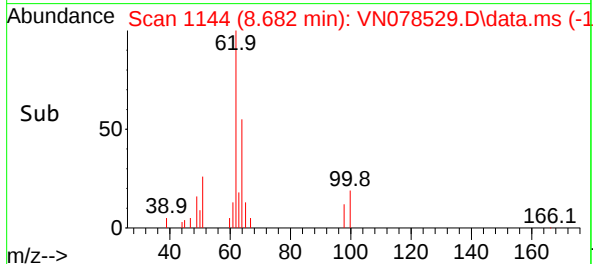
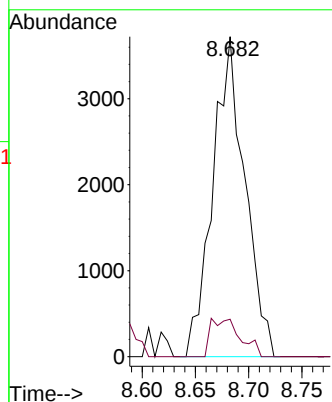
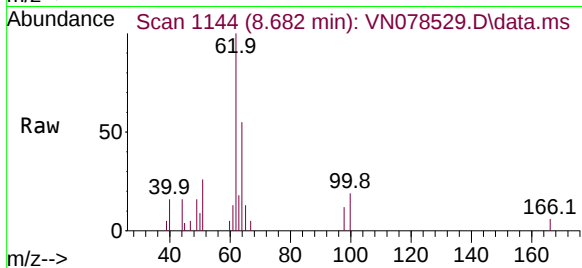
GWBR-04-359-374-071423

Tgt Ion: 62 Resp: 7799

Ion Ratio Lower Upper

62 100

98 11.0 0.0 19.8



#44

Trichloroethene

Concen: 9.392 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN078529.D

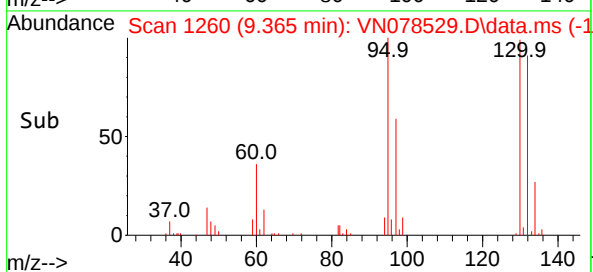
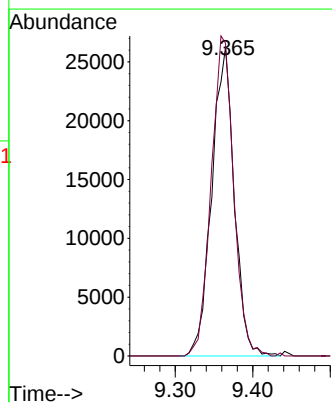
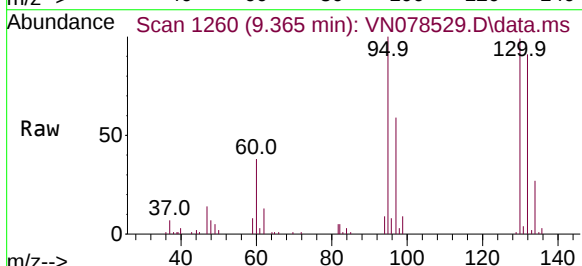
Acq: 14 Jul 2023 18:02

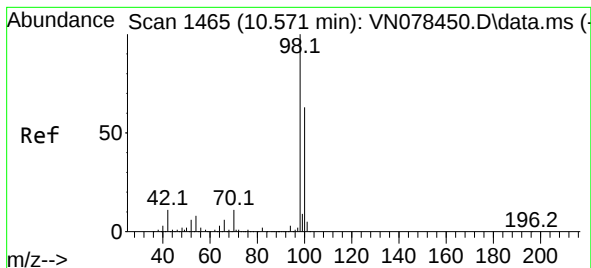
Tgt Ion: 130 Resp: 52905

Ion Ratio Lower Upper

130 100

95 101.3 0.0 204.6





#50

Toluene-d8

Concen: 45.595 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN078529.D

Acq: 14 Jul 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

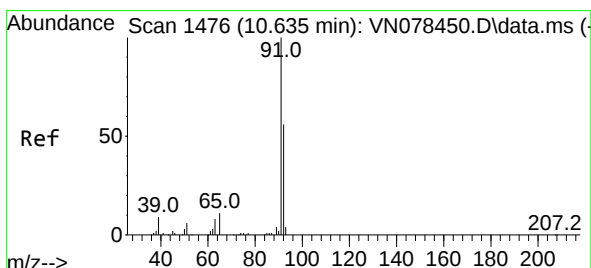
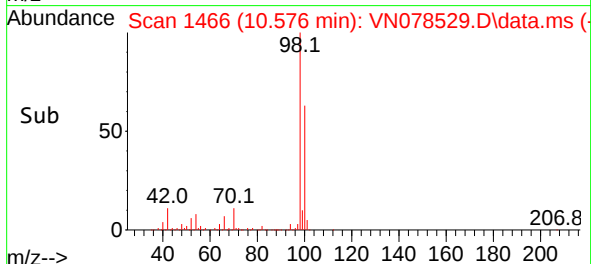
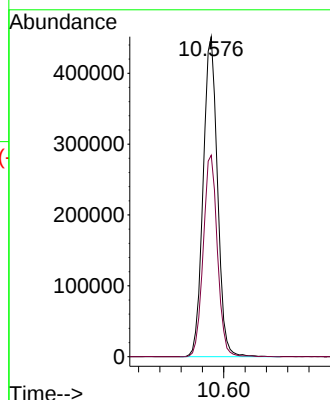
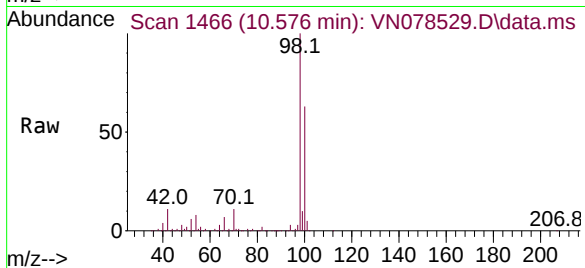
GWBR-04-359-374-071423

Tgt Ion: 98 Resp: 841570

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0



#52

Toluene

Concen: 61.912 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078529.D

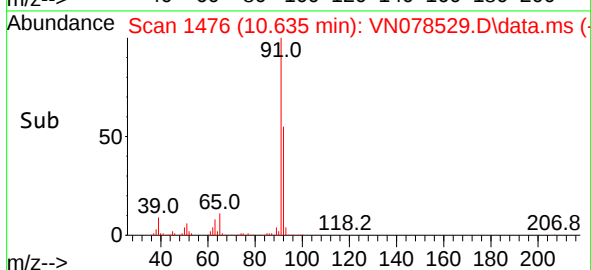
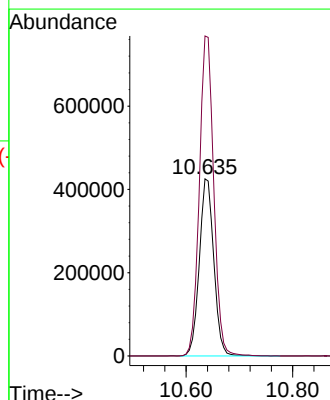
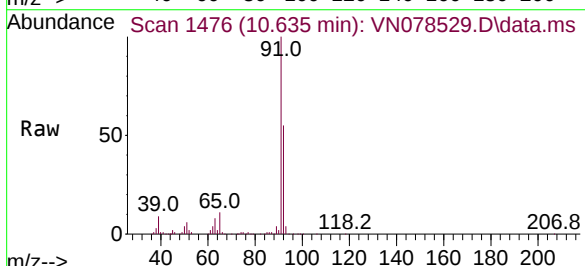
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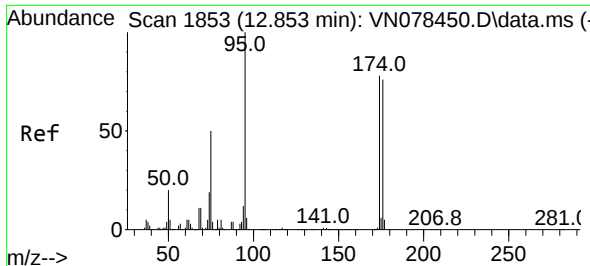
Tgt Ion: 92 Resp: 801976

Ion Ratio Lower Upper

92 100

91 179.5 137.4 206.0

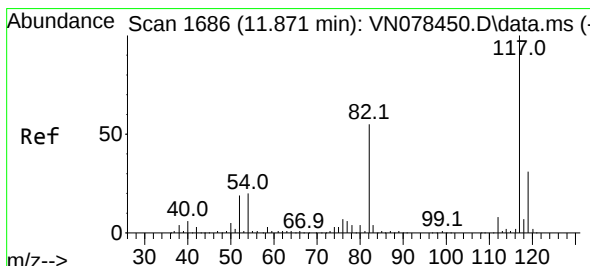
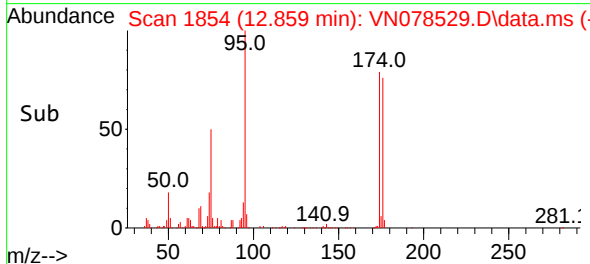
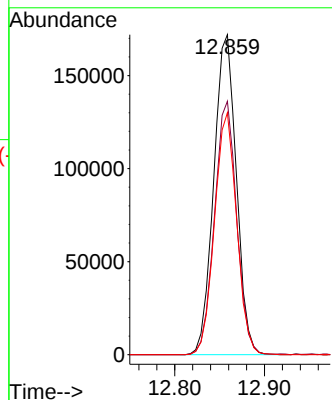
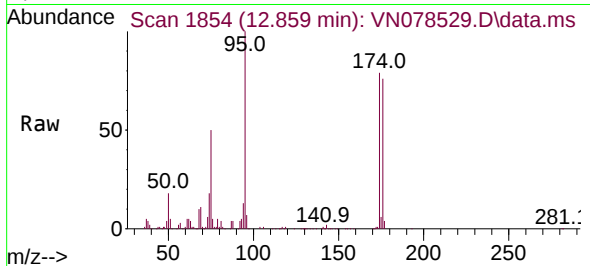




#62
4-Bromofluorobenzene
Concen: 52.782 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078529.D
Acq: 14 Jul 2023 18:02

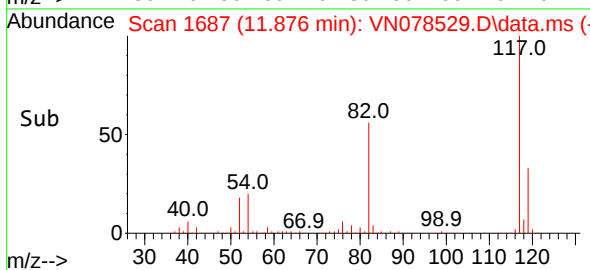
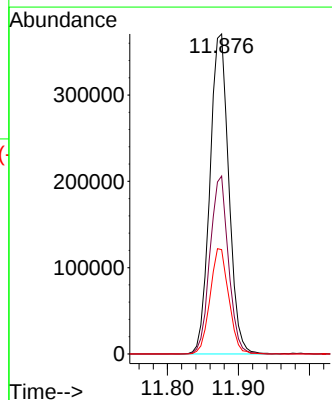
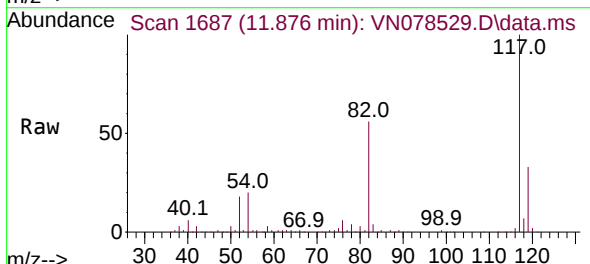
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-359-374-071423

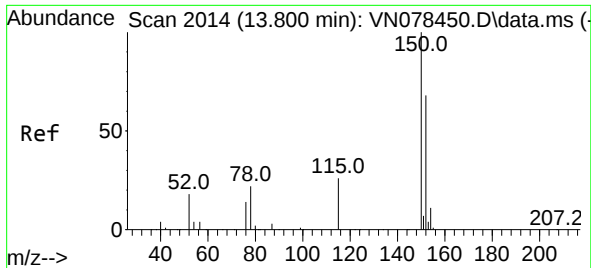
Tgt Ion:	95	Resp:	300081
Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	143.8
176	74.2	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.005 min
Lab File: VN078529.D
Acq: 14 Jul 2023 18:02

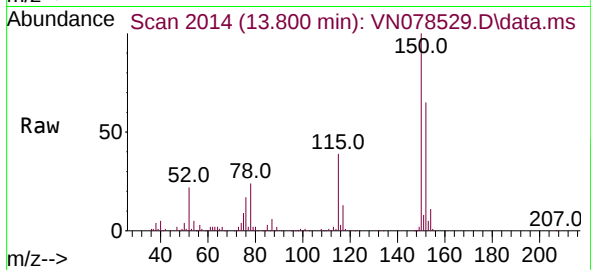
Tgt Ion:	117	Resp:	683933
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.0	66.0
119	32.6	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078529.D
 Acq: 14 Jul 2023 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-359-374-071423



Tgt Ion:152 Resp: 245646
 Ion Ratio Lower Upper
 152 100
 115 60.0 32.3 96.8
 150 154.0 0.0 355.8

