

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078611.D
 Acq On : 21 Jul 2023 14:11
 Operator : JC\MD
 Sample : 03709-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-400-415-072023

Quant Time: Jul 21 23:22:57 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)

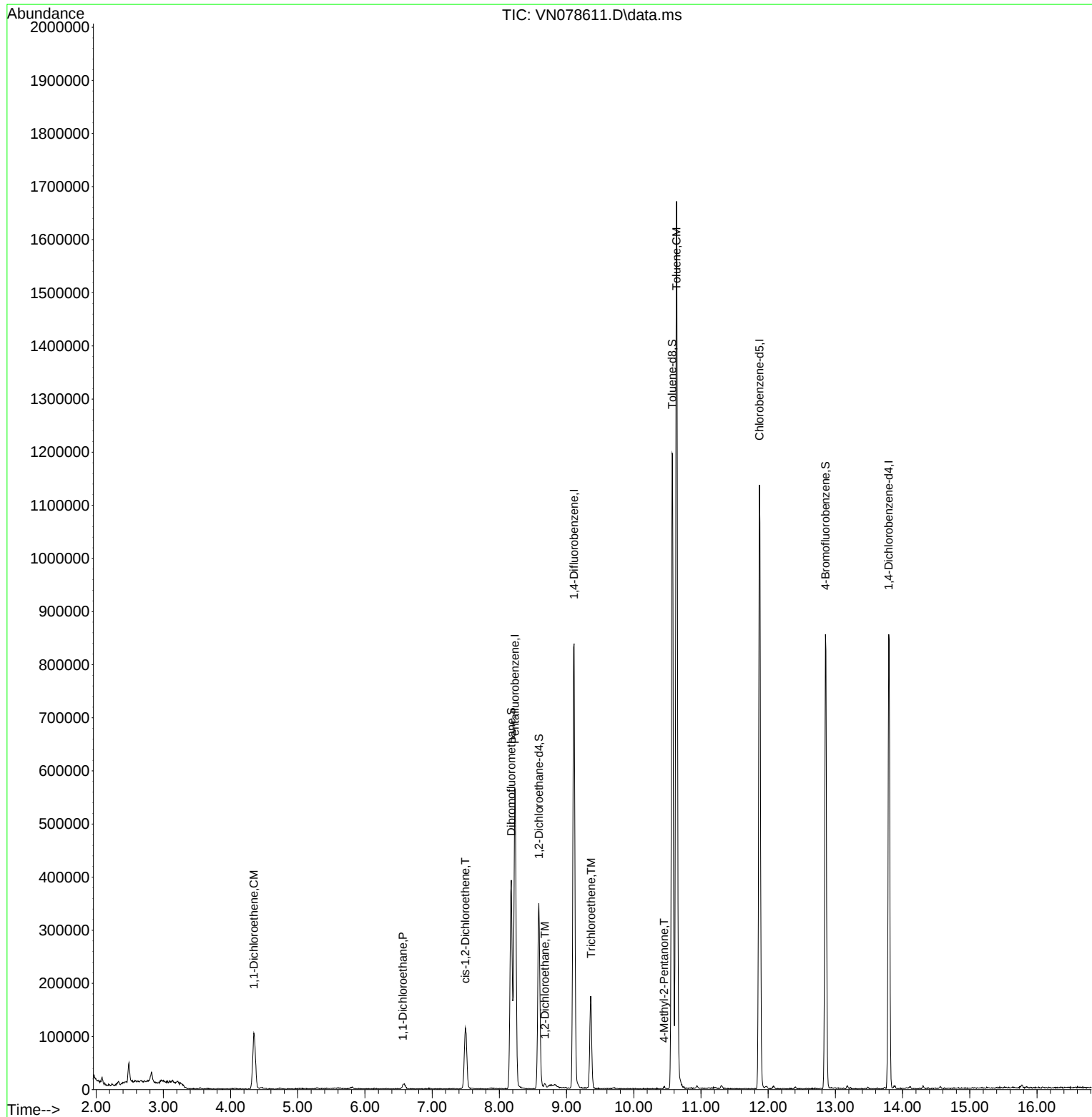
Internal Standards						
1) Pentafluorobenzene	8.230	168	419023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	754724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	706281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282909	50.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	8.177	113	282833	55.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.420%	
50) Toluene-d8	10.571	98	898532	46.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.860%	
62) 4-Bromofluorobenzene	12.853	95	298355	50.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.348	96	61323	13.869	ug/l	90
24) 1,1-Dichloroethane	6.565	63	13736	1.507	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	71127	12.340	ug/l	96
42) 1,2-Dichloroethane	8.677	62	7344	0.985	ug/l	96
44) Trichloroethene	9.365	130	61950	10.488	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	3160	0.523	ug/l #	85
52) Toluene	10.635	92	743730	54.755	ug/l	95

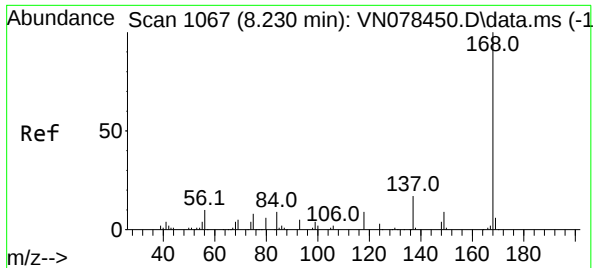
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
Data File : VN078611.D
Acq On : 21 Jul 2023 14:11
Operator : JC\MD
Sample : 03709-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

Quant Time: Jul 21 23:22:57 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

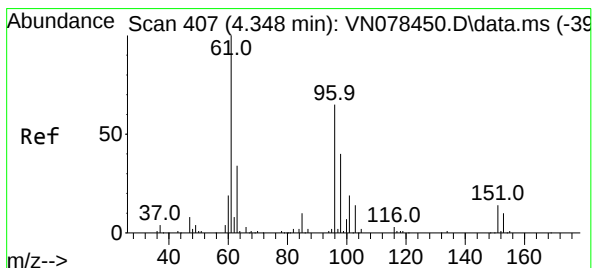
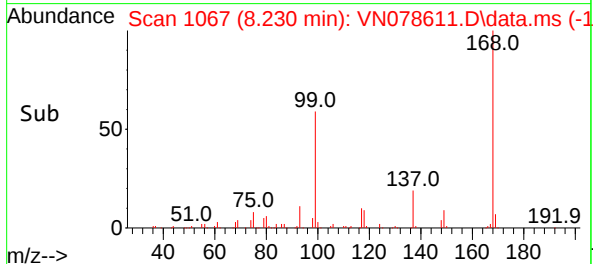
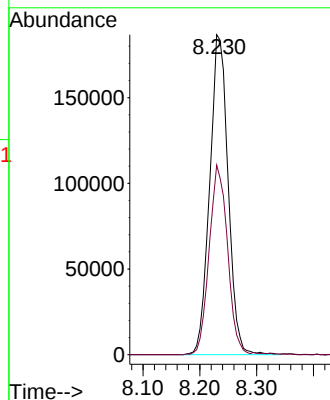
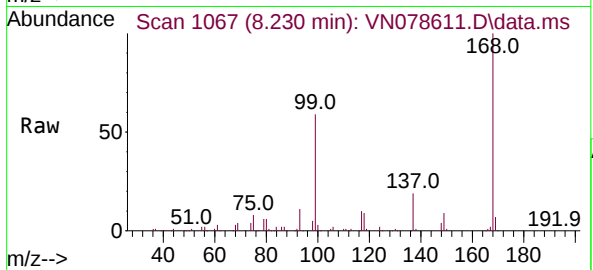




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

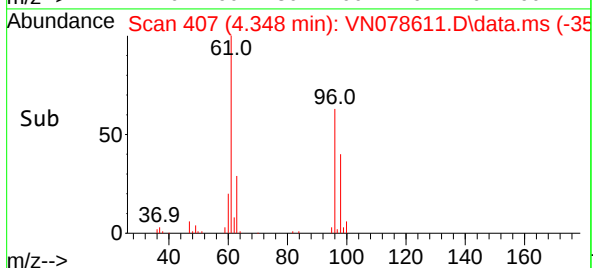
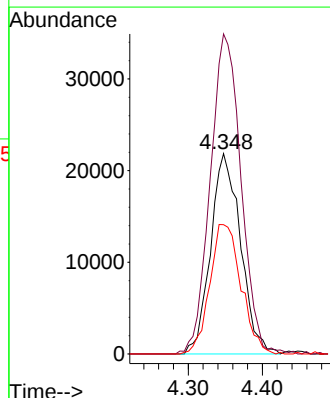
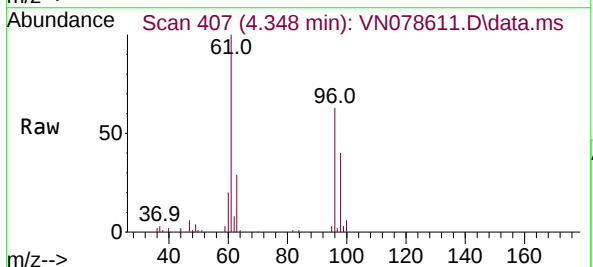
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

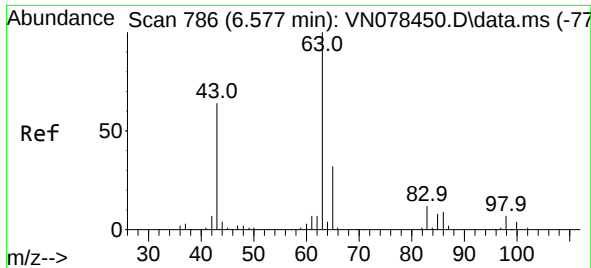
Tgt Ion:168 Resp: 419023
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#12
1,1-Dichloroethene
Concen: 13.869 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

Tgt Ion: 96 Resp: 61323
Ion Ratio Lower Upper
96 100
61 158.2 112.7 169.1
98 64.5 51.2 76.8

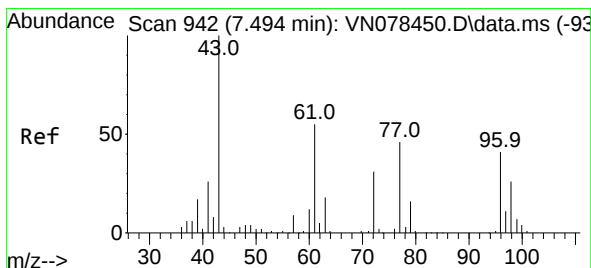
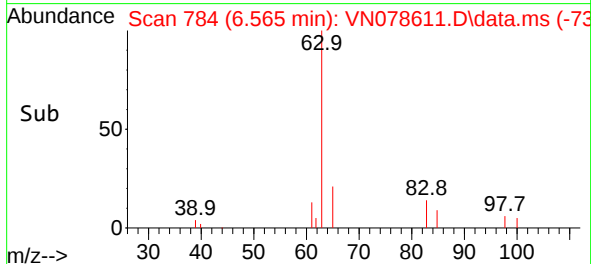
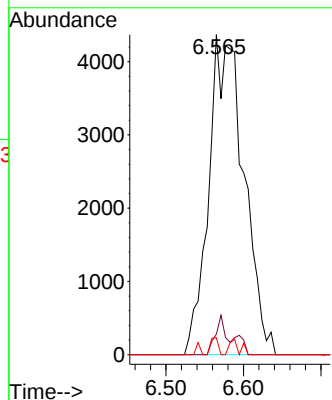
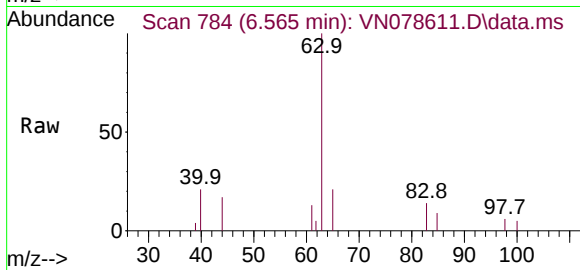




#24
1,1-Dichloroethane
Concen: 1.507 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

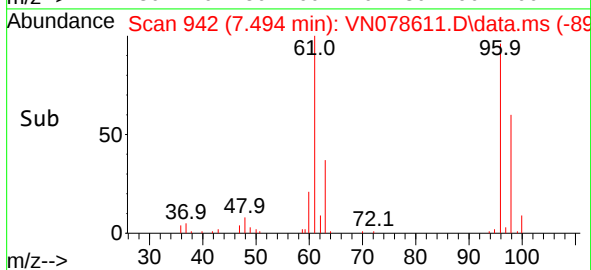
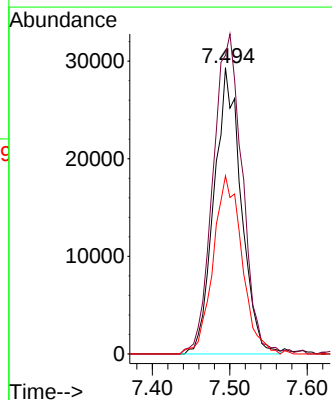
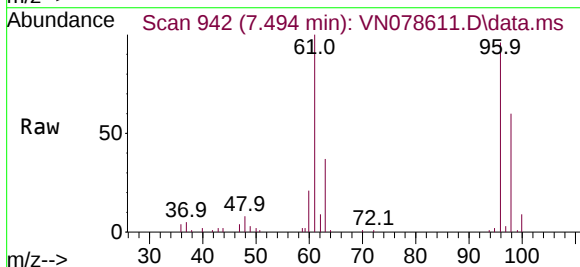
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

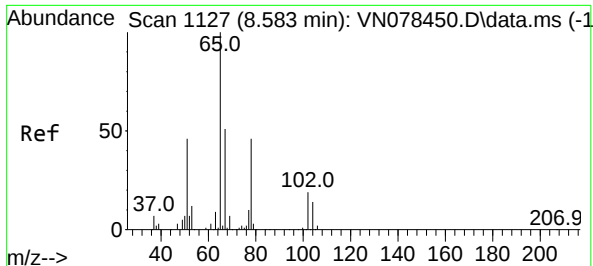
Tgt Ion: 63 Resp: 13736
Ion Ratio Lower Upper
63 100
98 6.4 3.9 11.7
100 5.3 2.5 7.4



#27
cis-1,2-Dichloroethene
Concen: 12.340 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

Tgt Ion: 96 Resp: 71127
Ion Ratio Lower Upper
96 100
61 121.6 0.0 255.2
98 66.3 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 50.363 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078611.D

Acq: 21 Jul 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

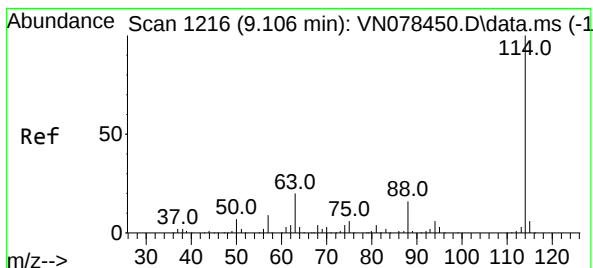
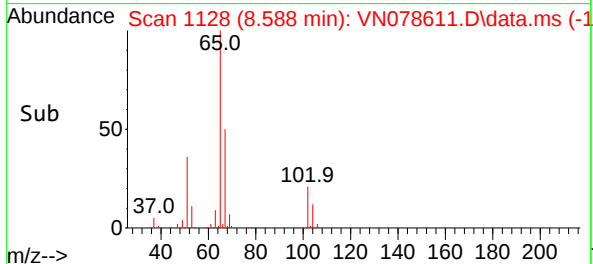
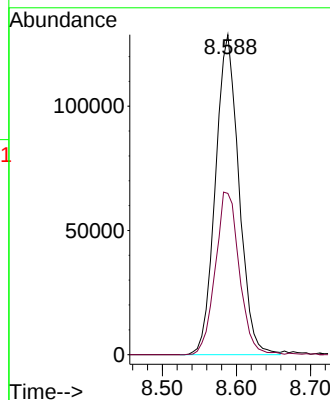
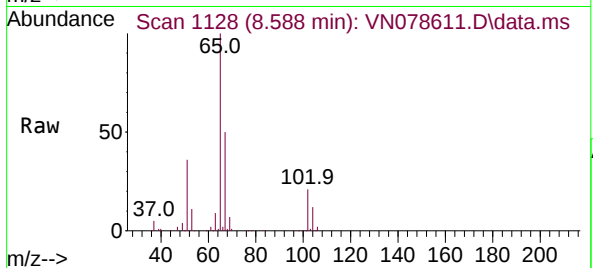
GWBR-04-400-415-072023

Tgt Ion: 65 Resp: 282909

Ion Ratio Lower Upper

65 100

67 52.1 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: VN078611.D

Acq: 21 Jul 2023 14:11

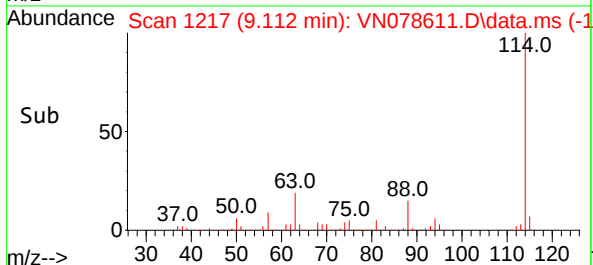
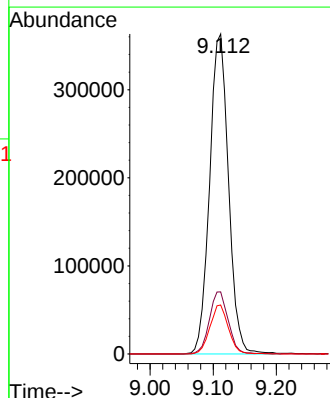
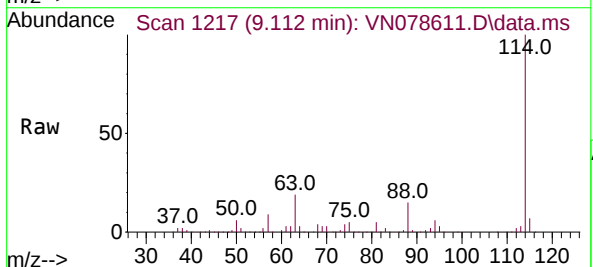
Tgt Ion: 114 Resp: 754724

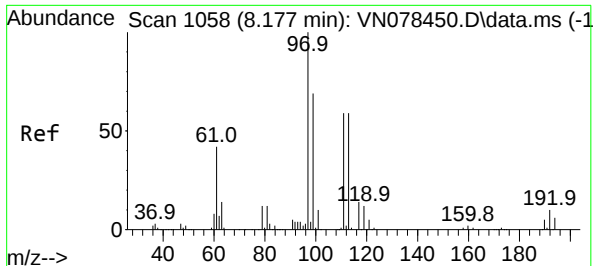
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.205 ug/l

RT: 8.177 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN078611.D

Acq: 21 Jul 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

GWBR-04-400-415-072023

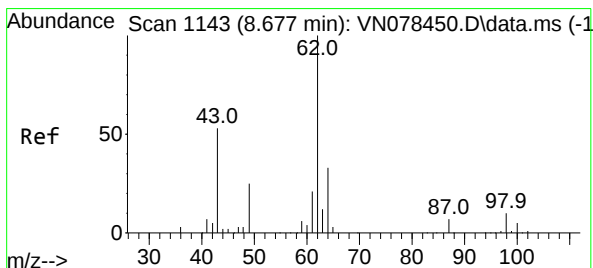
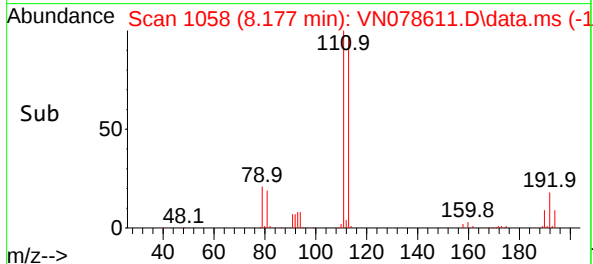
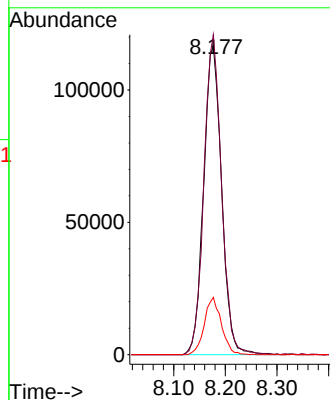
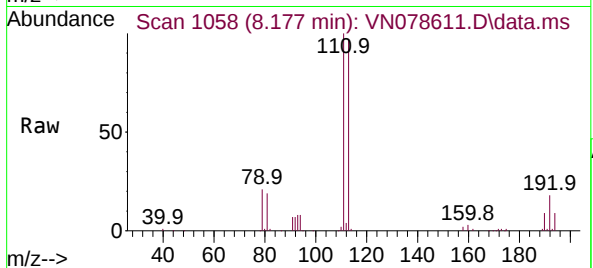
Tgt Ion:113 Resp: 282833

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 17.5 12.7 19.1



#42

1,2-Dichloroethane

Concen: 0.985 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078611.D

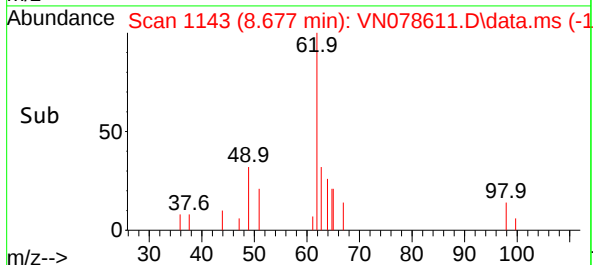
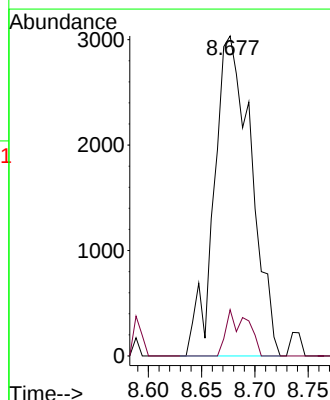
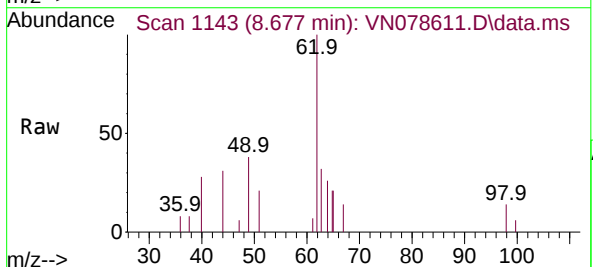
Acq: 21 Jul 2023 14:11

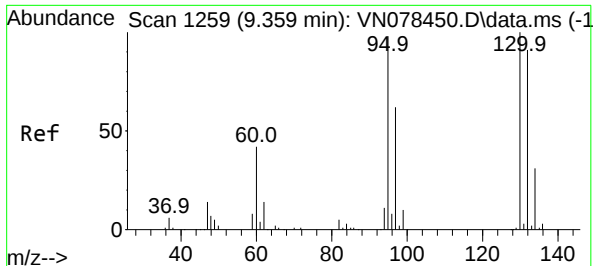
Tgt Ion: 62 Resp: 7344

Ion Ratio Lower Upper

62 100

98 8.3 0.0 19.8

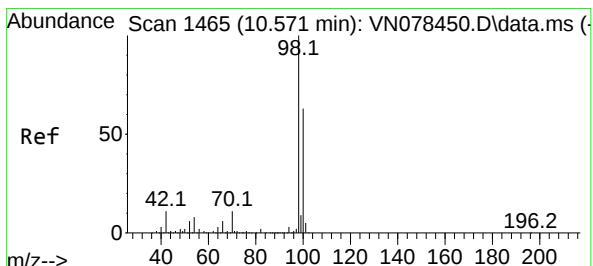
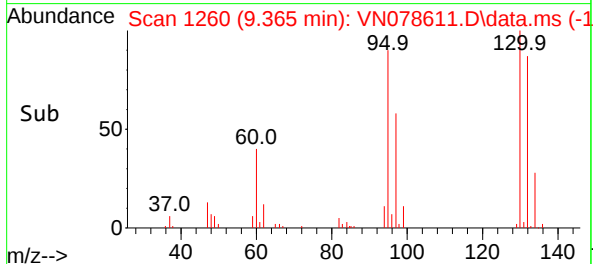
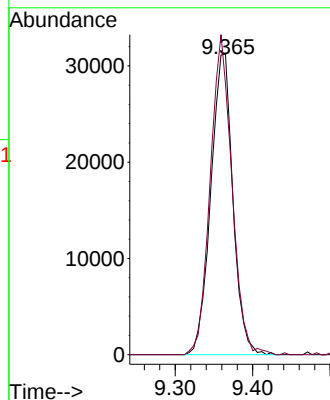
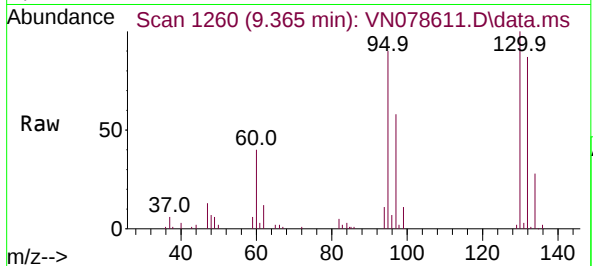




#44
Trichloroethene
Concen: 10.488 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

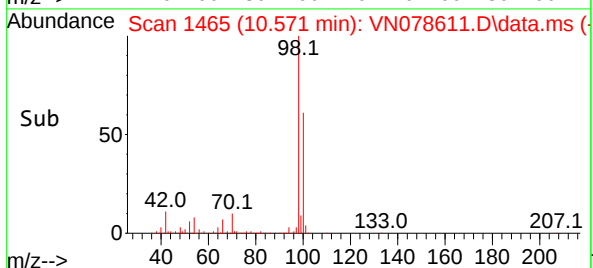
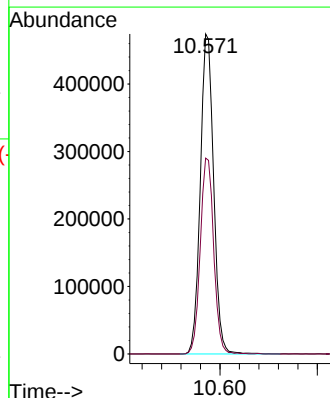
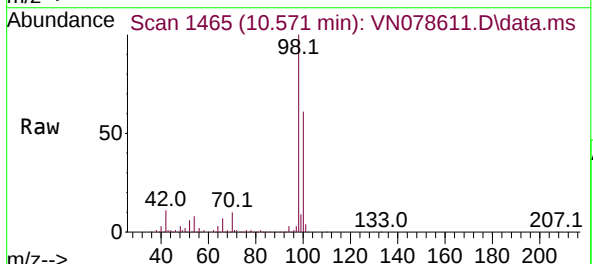
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

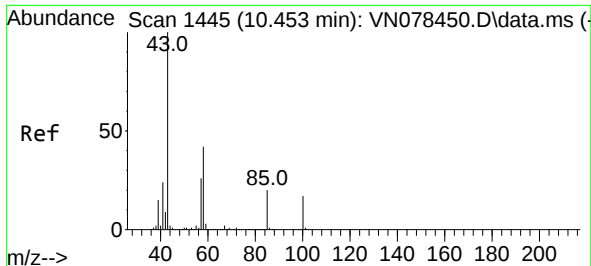
Tgt Ion:130 Resp: 61950
Ion Ratio Lower Upper
130 100
95 90.2 0.0 204.6



#50
Toluene-d8
Concen: 46.425 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

Tgt Ion: 98 Resp: 898532
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0

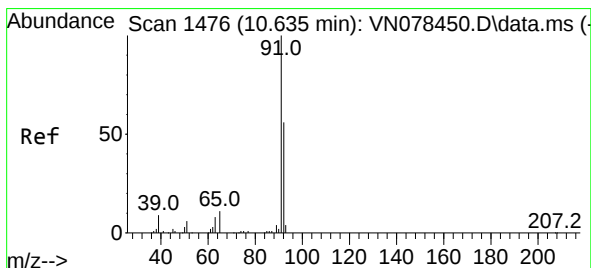
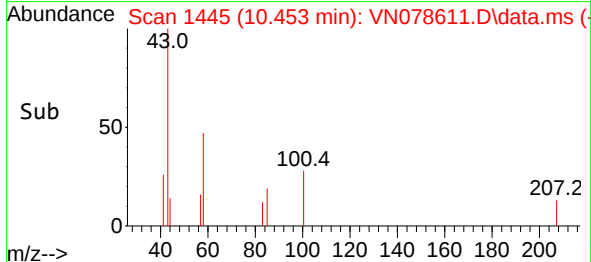
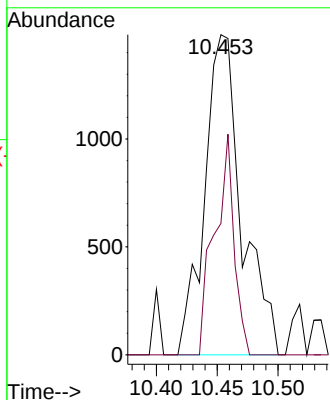
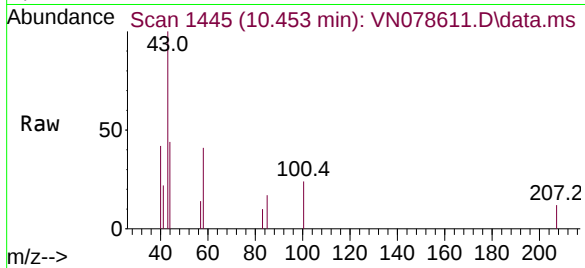




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

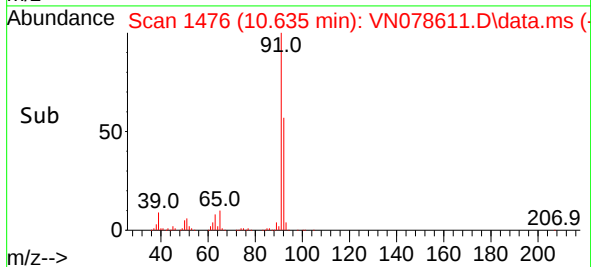
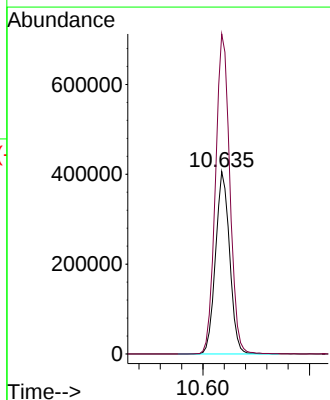
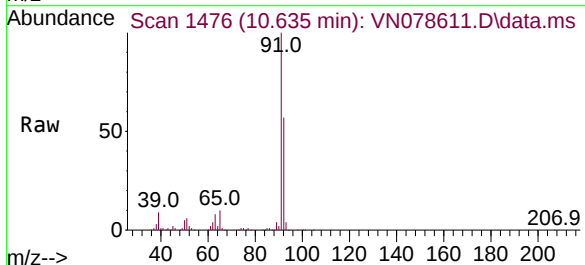
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

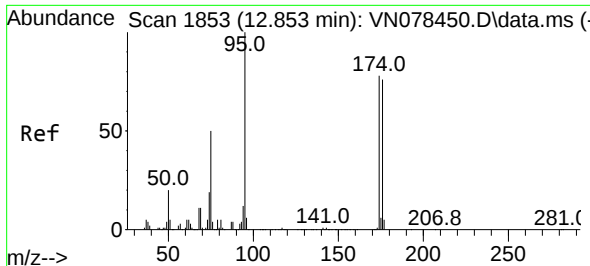
Tgt Ion: 43 Resp: 3160
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 54.755 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

Tgt Ion: 92 Resp: 743730
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

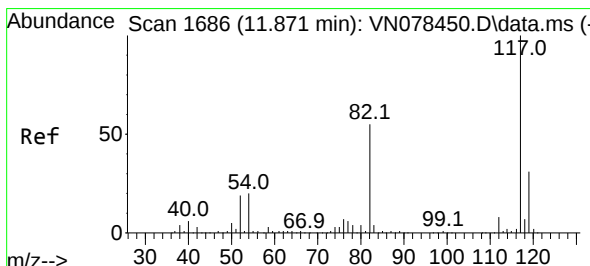
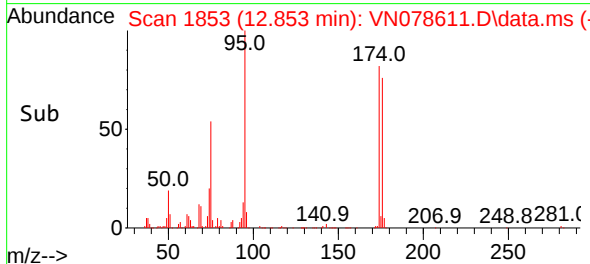
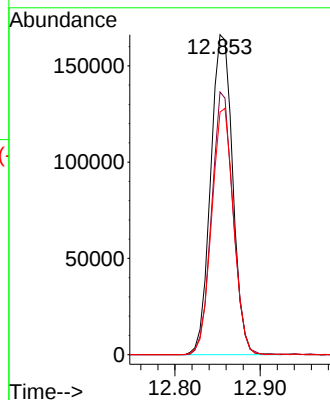
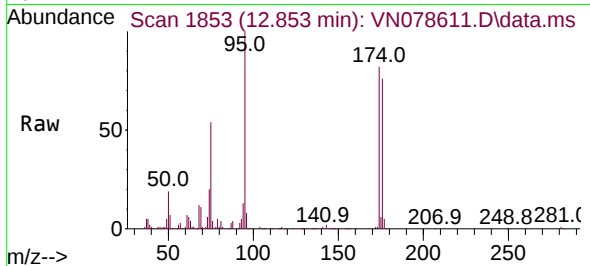




#62
4-Bromofluorobenzene
Concen: 50.047 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

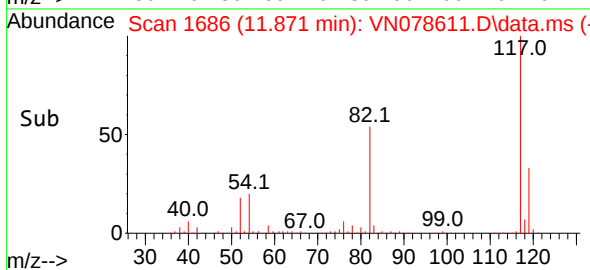
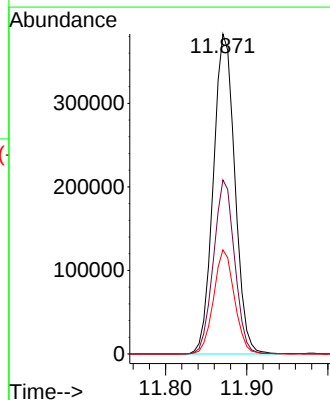
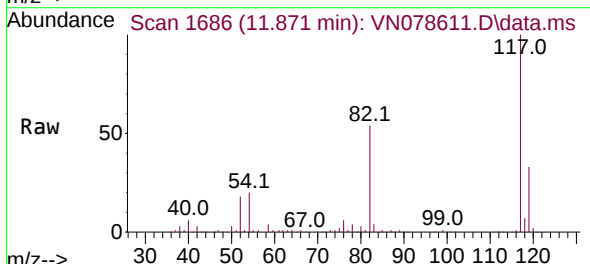
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-400-415-072023

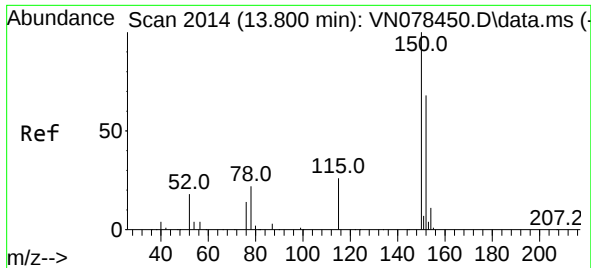
Tgt Ion:	95	Resp:	298355
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	143.8
176	76.7	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078611.D
Acq: 21 Jul 2023 14:11

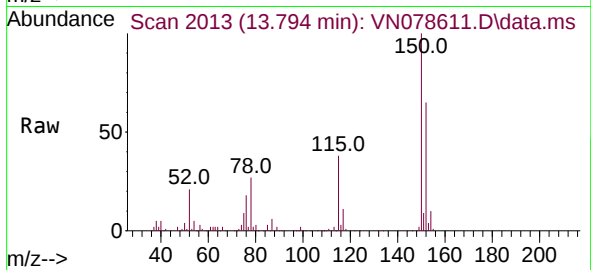
Tgt Ion:	117	Resp:	706281
Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.0	66.0
119	32.6	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078611.D
 Acq: 21 Jul 2023 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-04-400-415-072023



Tgt Ion:152 Resp: 243958
 Ion Ratio Lower Upper
 152 100
 115 59.8 32.3 96.8
 150 153.6 0.0 355.8

