

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078505.D
 Acq On : 13 Jul 2023 18:16
 Operator : JC\MD
 Sample : 03606-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 14 01:37:02 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)

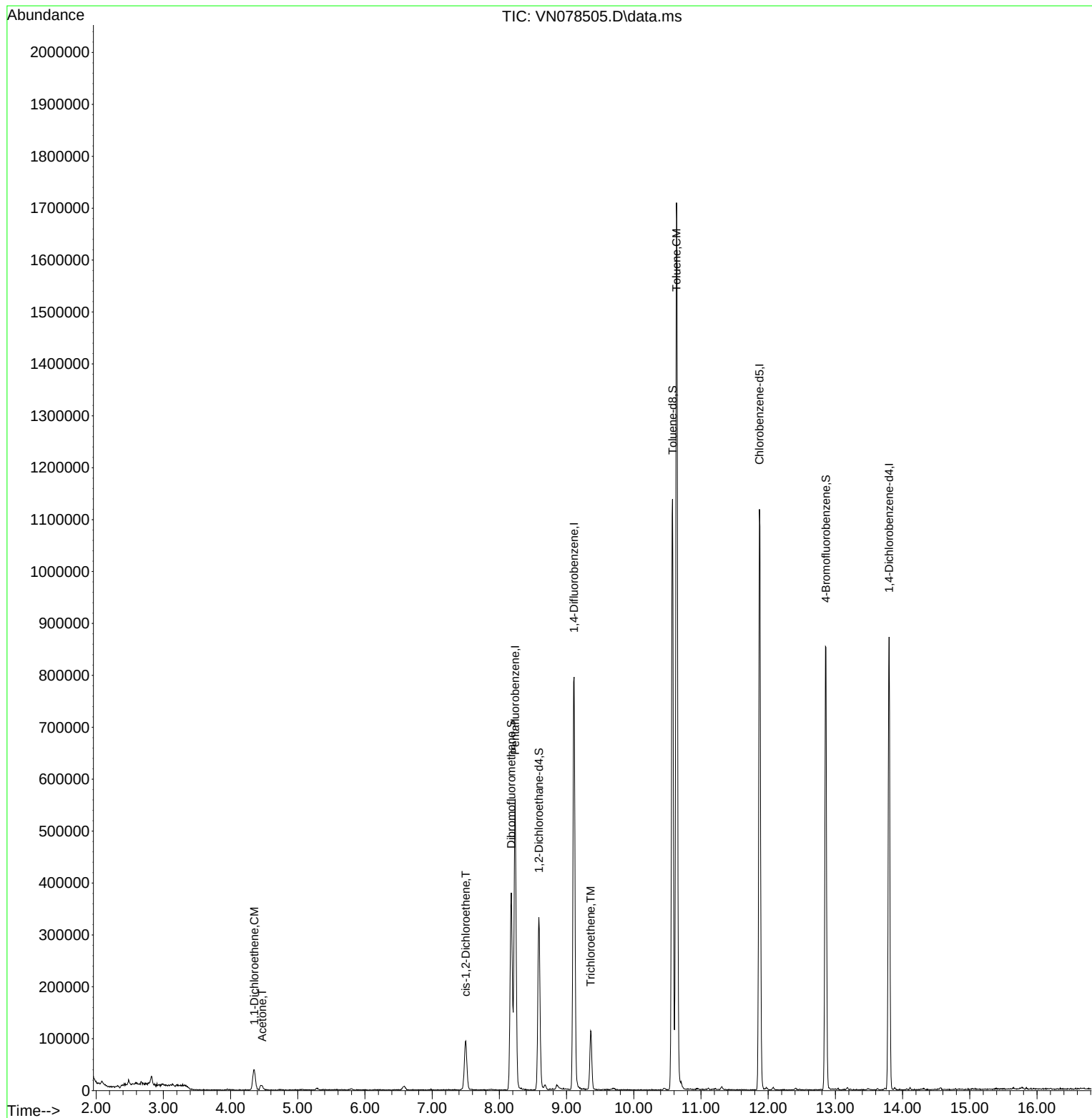
Internal Standards						
1) Pentafluorobenzene	8.235	168	397938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	720308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	682701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266868	50.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	8.177	113	275005	56.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.480%	
50) Toluene-d8	10.576	98	839812	45.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.920%	
62) 4-Bromofluorobenzene	12.859	95	300976	52.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	24113	5.743	ug/l	93
16) Acetone	4.471	43	17480	10.519	ug/l	90
27) cis-1,2-Dichloroethene	7.500	96	58354	10.661	ug/l	95
44) Trichloroethene	9.359	130	41246	7.316	ug/l	97
52) Toluene	10.635	92	766018	59.090	ug/l	93

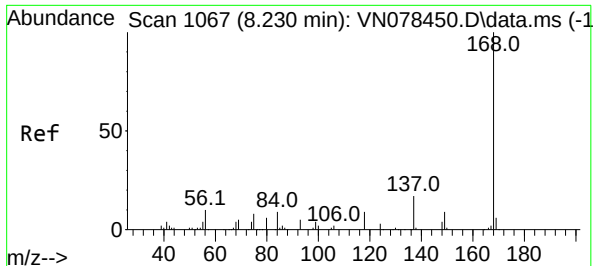
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
Data File : VN078505.D
Acq On : 13 Jul 2023 18:16
Operator : JC\MD
Sample : 03606-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 14 01:37:02 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

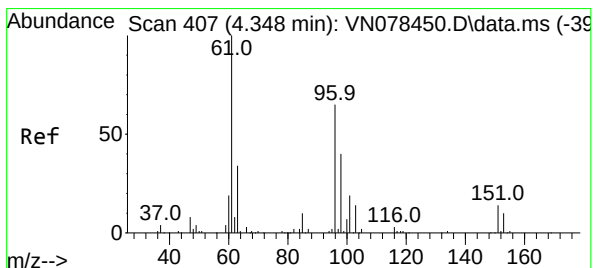
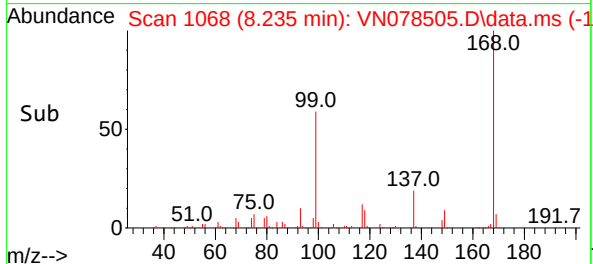
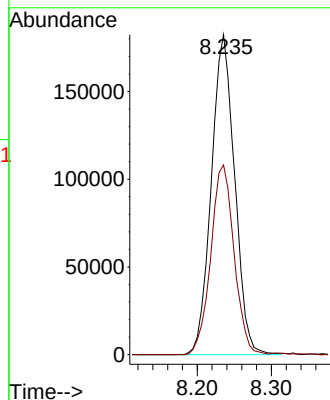
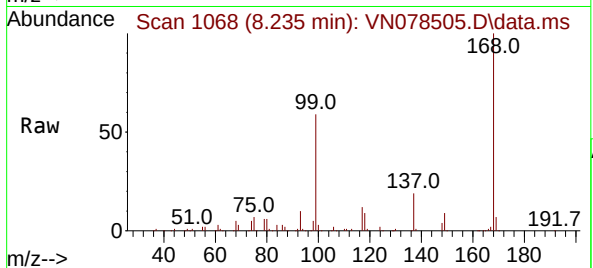




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

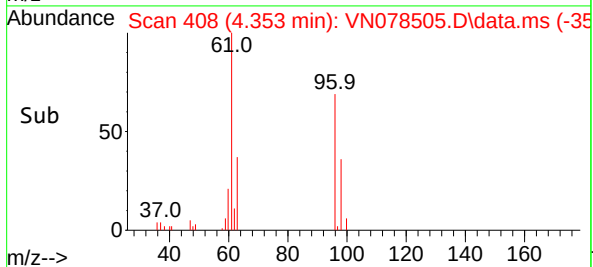
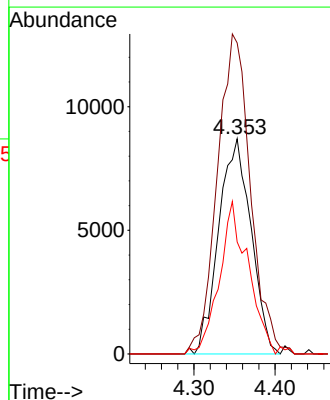
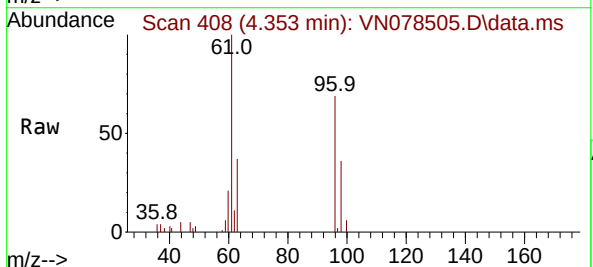
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

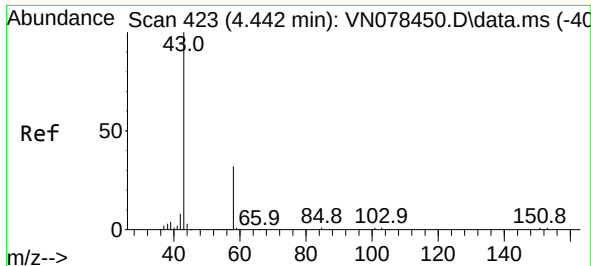
Tgt Ion:168 Resp: 397938
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.743 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

Tgt Ion: 96 Resp: 24113
Ion Ratio Lower Upper
96 100
61 144.5 112.7 169.1
98 52.1 51.2 76.8

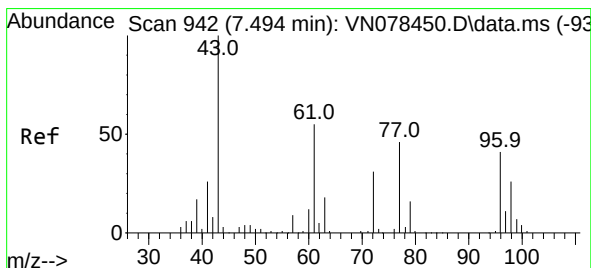
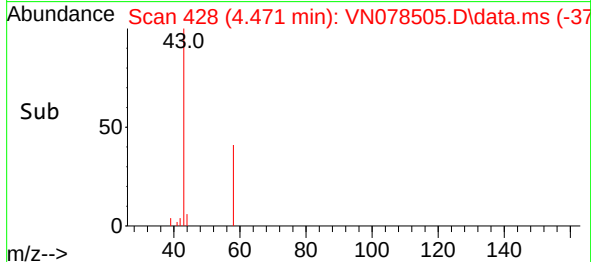
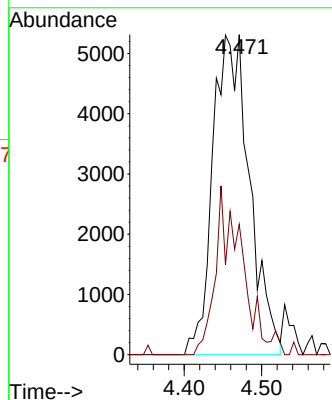
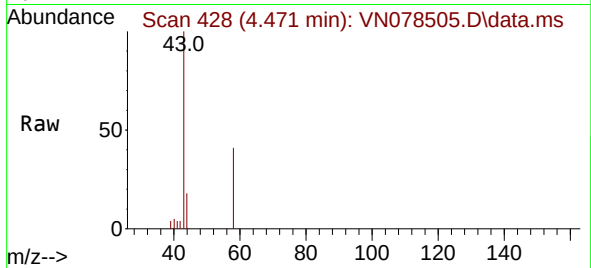




#16
Acetone
Concen: 10.519 ug/l
RT: 4.471 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

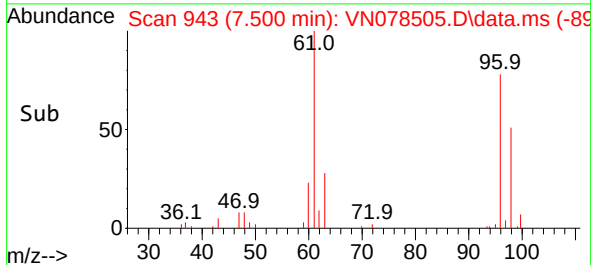
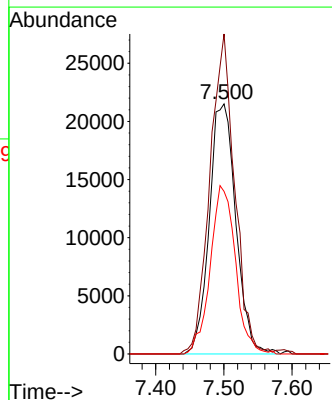
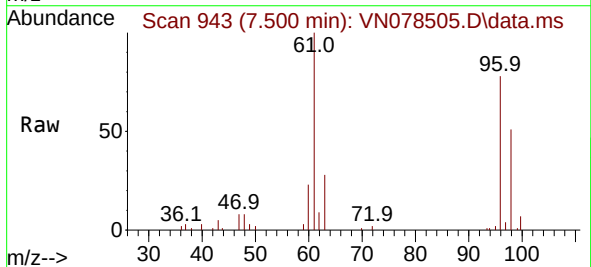
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

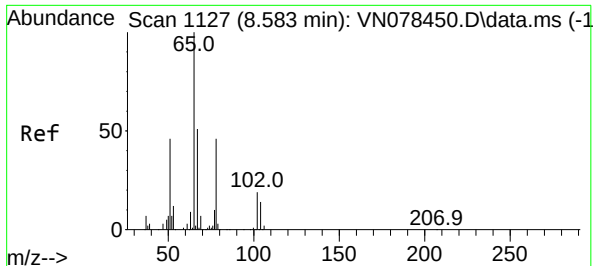
Tgt Ion: 43 Resp: 17480
Ion Ratio Lower Upper
43 100
58 40.8 28.0 42.0



#27
cis-1,2-Dichloroethene
Concen: 10.661 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

Tgt Ion: 96 Resp: 58354
Ion Ratio Lower Upper
96 100
61 119.3 0.0 255.2
98 63.7 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 50.024 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078505.D

Acq: 13 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

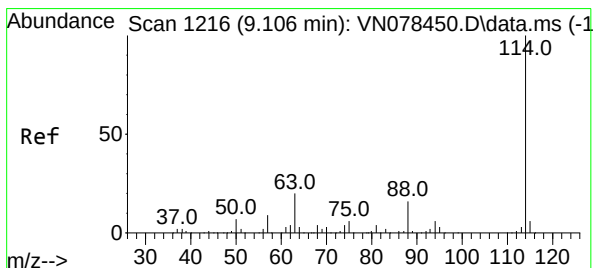
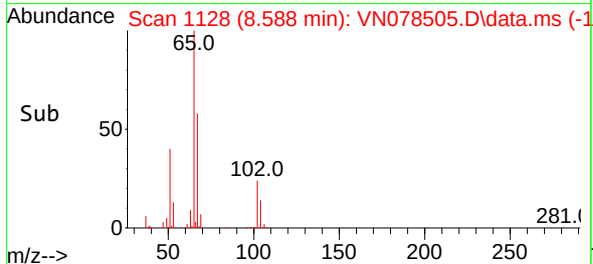
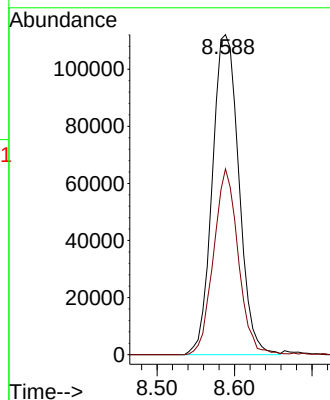
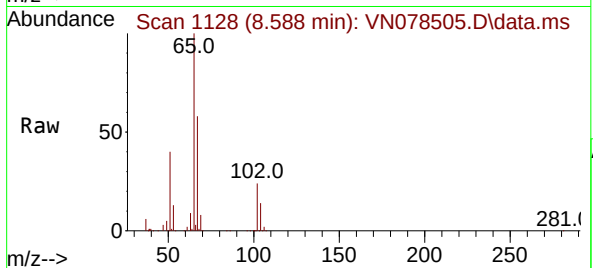
GWBR-04-293-308-071223

Tgt Ion: 65 Resp: 266868

Ion Ratio Lower Upper

65 100

67 54.0 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: VN078505.D

Acq: 13 Jul 2023 18:16

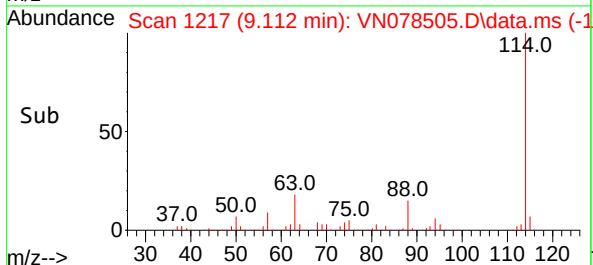
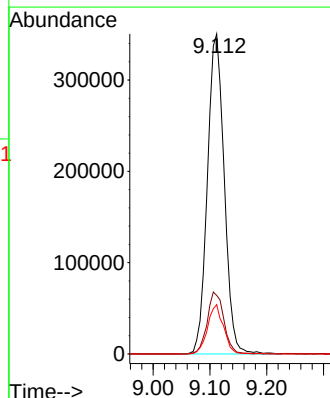
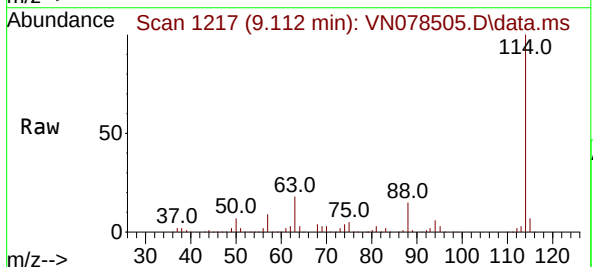
Tgt Ion: 114 Resp: 720308

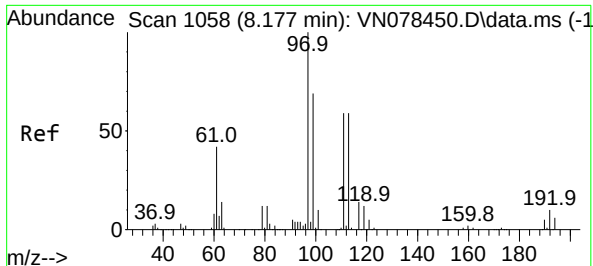
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 15.4 0.0 30.6

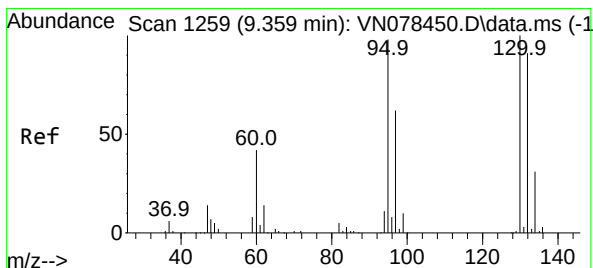
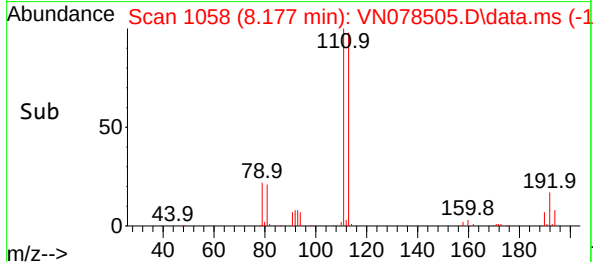
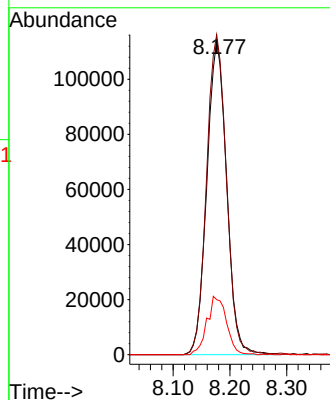
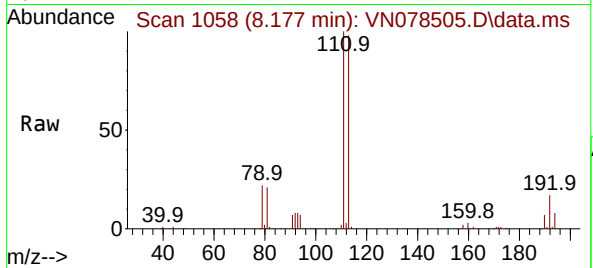




#35
Dibromofluoromethane
Concen: 56.242 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

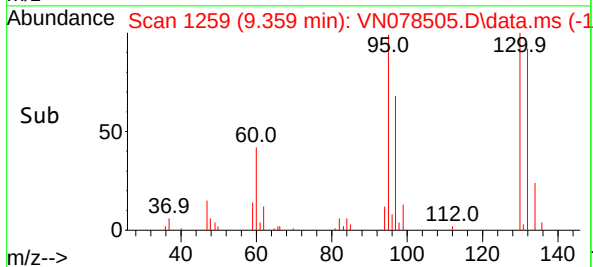
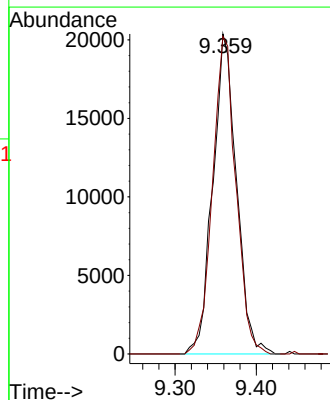
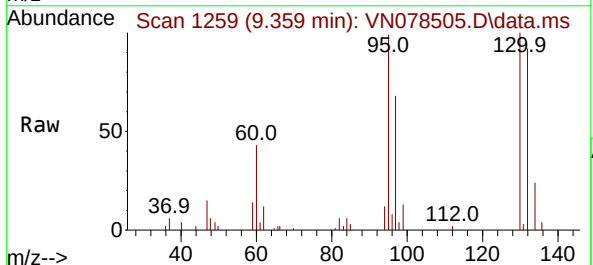
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

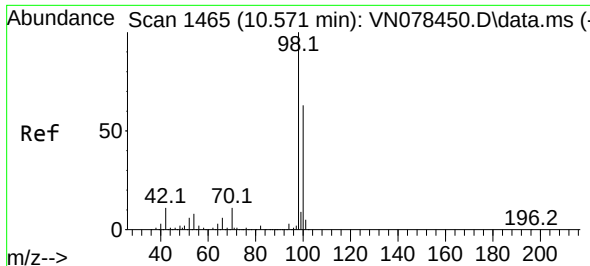
Tgt Ion:113 Resp: 275005
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.3 12.7 19.1



#44
Trichloroethene
Concen: 7.316 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

Tgt Ion:130 Resp: 41246
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.6

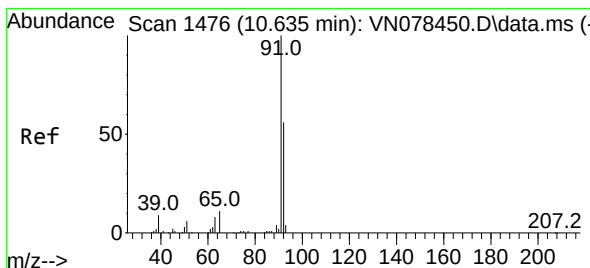
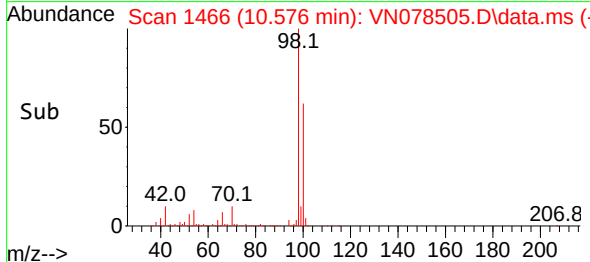
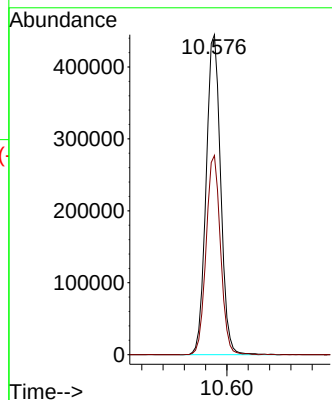
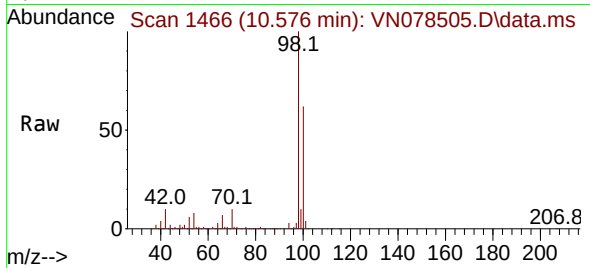




#50
Toluene-d8
Concen: 45.465 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

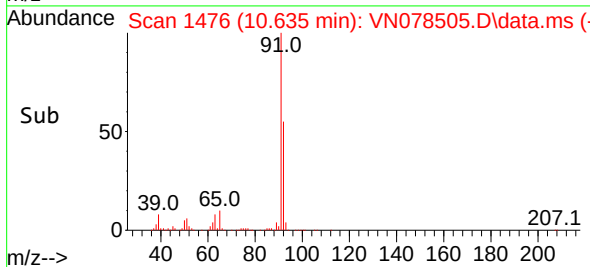
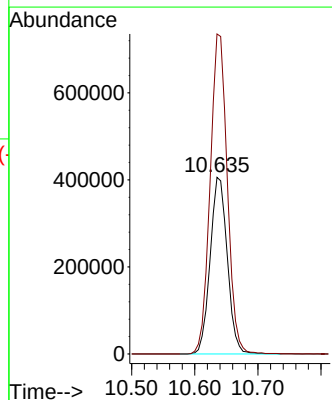
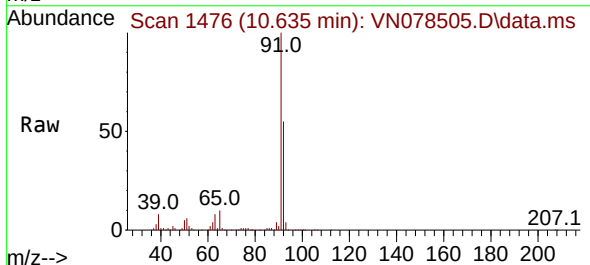
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

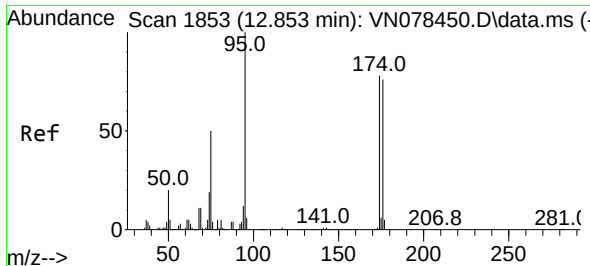
Tgt Ion: 98 Resp: 839812
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#52
Toluene
Concen: 59.090 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

Tgt Ion: 92 Resp: 766018
Ion Ratio Lower Upper
92 100
91 181.2 137.4 206.0

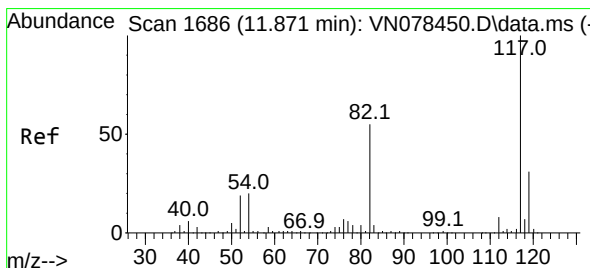
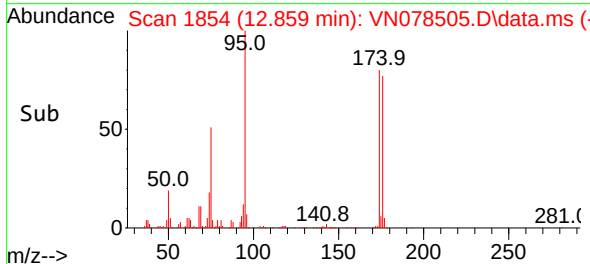
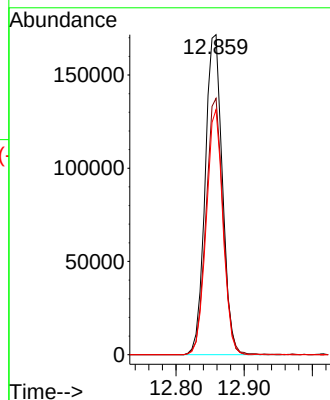
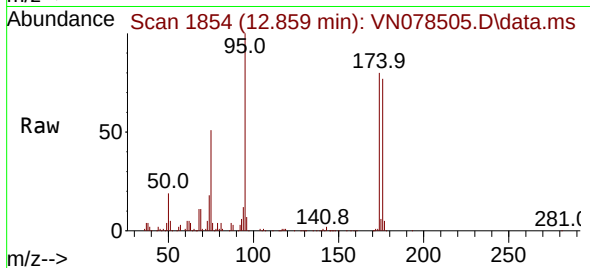




#62
4-Bromofluorobenzene
Concen: 52.899 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

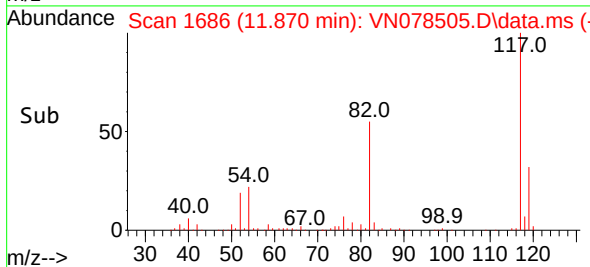
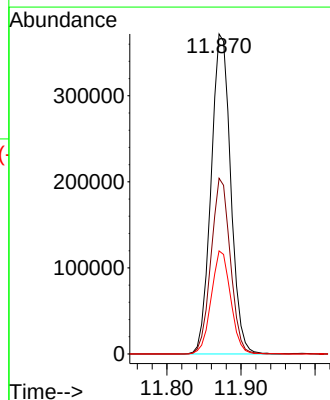
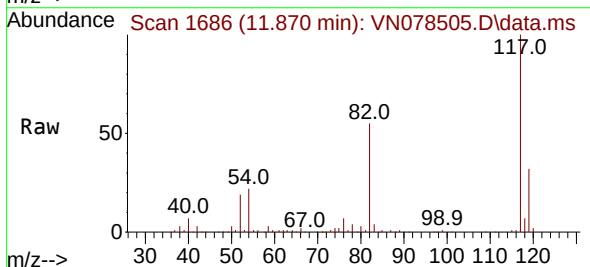
Instrument :
MSVOA_N
ClientSampleId :
GWBR-04-293-308-071223

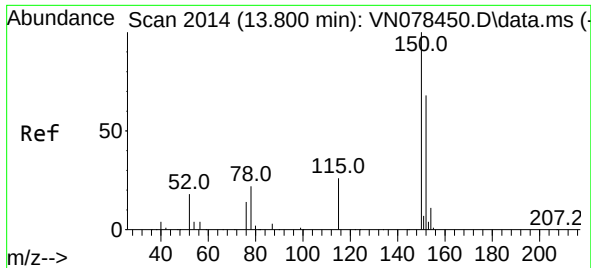
Tgt Ion: 95 Resp: 300976
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 74.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078505.D
Acq: 13 Jul 2023 18:16

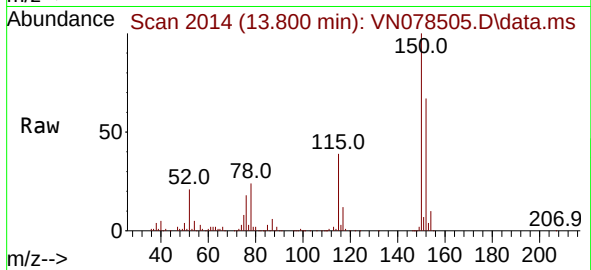
Tgt Ion: 117 Resp: 682701
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078505.D
 Acq: 13 Jul 2023 18:16

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



Tgt Ion:152 Resp: 244453
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 155.6 0.0 355.8

