

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078228.D
 Acq On : 15 Jun 2023 15:08
 Operator : JC\MD
 Sample : 03259-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-167-187-061423

Quant Time: Jun 16 06:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

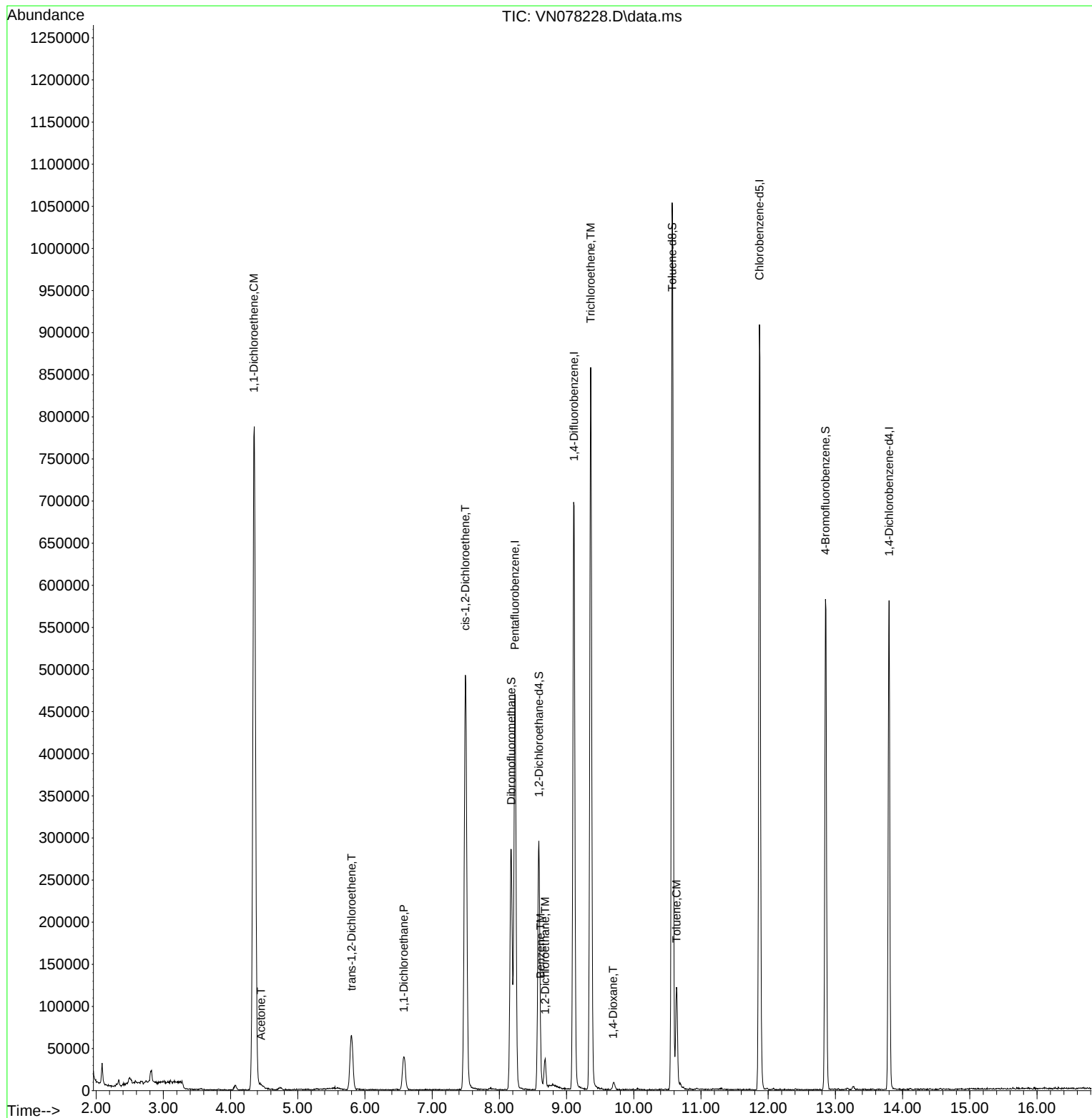
Internal Standards						
1) Pentafluorobenzene	8.230	168	338300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	619334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	543457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	151854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	237992	52.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.520%	
35) Dibromofluoromethane	8.177	113	212334	54.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.440%	
50) Toluene-d8	10.571	98	778913	51.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.853	95	212467	45.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.540%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.347	96	470674	127.408	ug/l	90
16) Acetone	4.453	43	5011	3.860	ug/l #	74
21) trans-1,2-Dichloroethene	5.800	96	42485	10.663	ug/l	86
24) 1,1-Dichloroethane	6.577	63	58588	8.373	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	310886	65.412	ug/l	95
40) Benzene	8.612	78	5736	0.342	ug/l	100
42) 1,2-Dichloroethane	8.682	62	33899	5.896	ug/l	94
44) Trichloroethene	9.359	130	305527	68.991	ug/l	100
49) 1,4-Dioxane	9.694	88	7347	99.259	ug/l #	93
52) Toluene	10.635	92	53350	5.039	ug/l	99

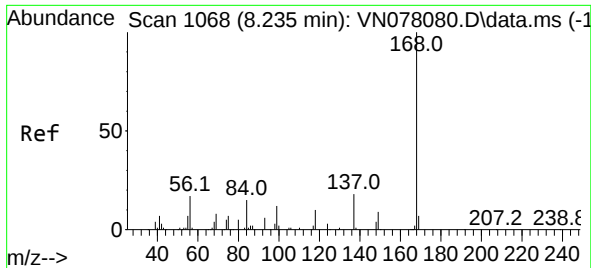
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

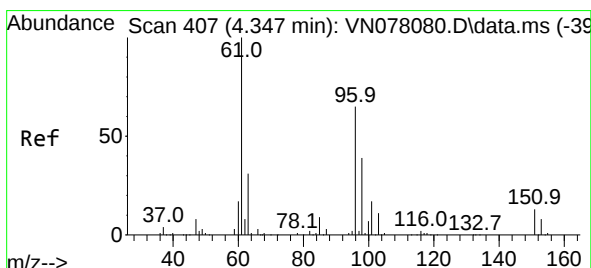
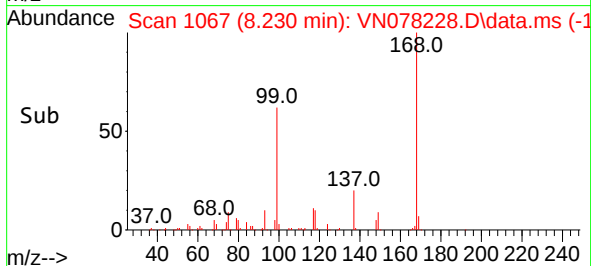
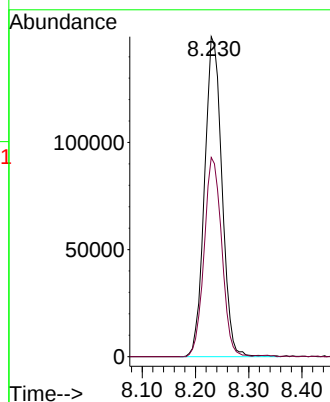
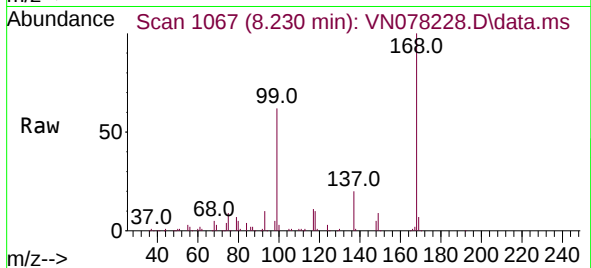




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

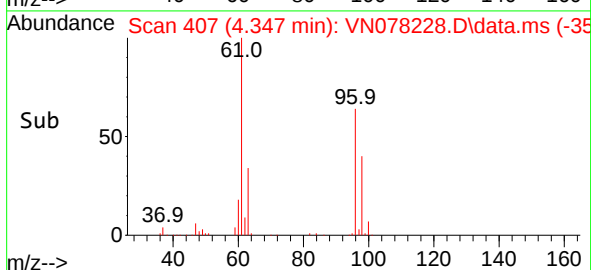
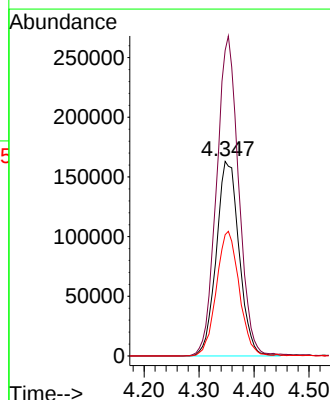
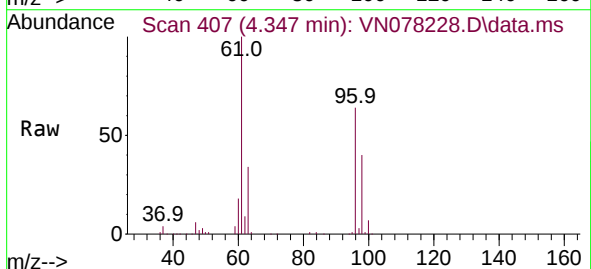
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-05-167-187-061423

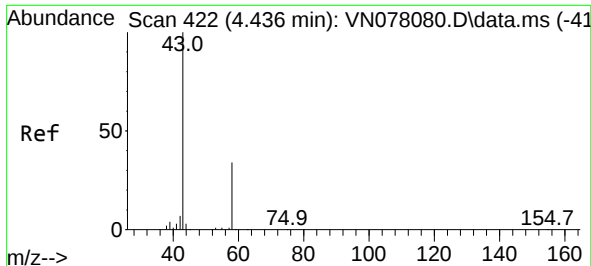
Tgt Ion:168 Resp: 338300
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#12
1,1-Dichloroethene
Concen: 127.408 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Tgt Ion: 96 Resp: 470674
Ion Ratio Lower Upper
96 100
61 157.1 112.7 169.1
98 62.3 51.2 76.8





#16

Acetone

Concen: 3.860 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

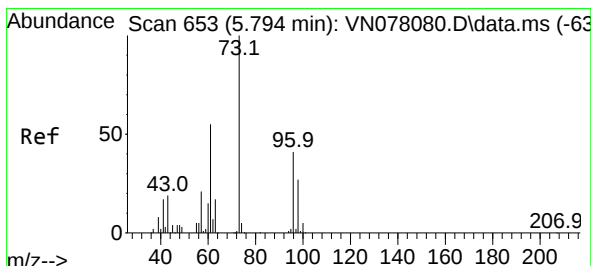
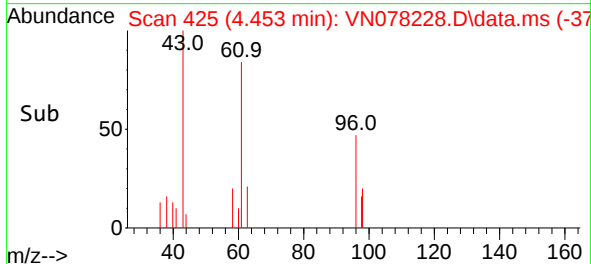
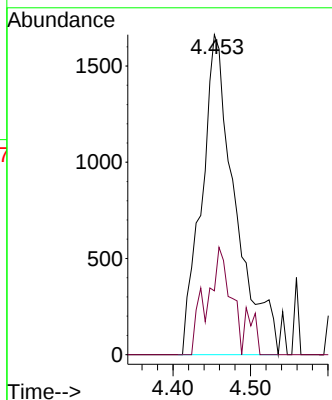
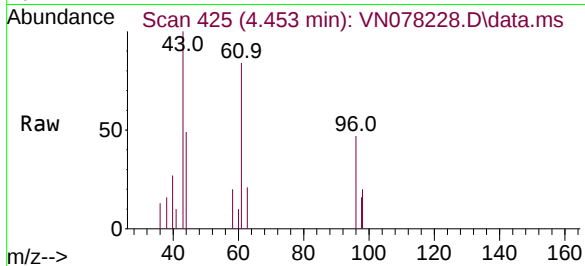
GWOW-BR-05-167-187-061423

Tgt Ion: 43 Resp: 5011

Ion Ratio Lower Upper

43 100

58 20.0 28.0 42.0#



#21

trans-1,2-Dichloroethene

Concen: 10.663 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

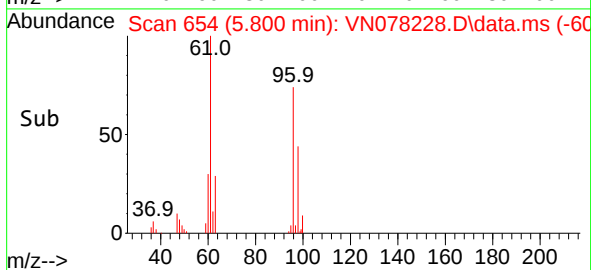
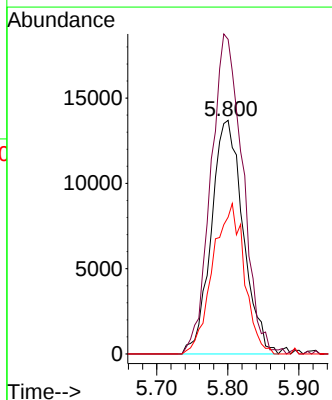
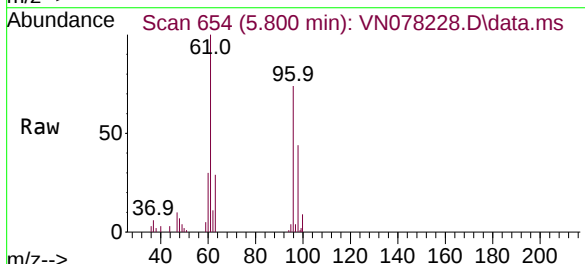
Tgt Ion: 96 Resp: 42485

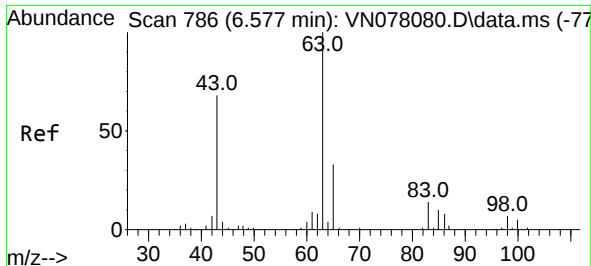
Ion Ratio Lower Upper

96 100

61 134.7 90.1 135.1

98 58.6 46.4 69.6

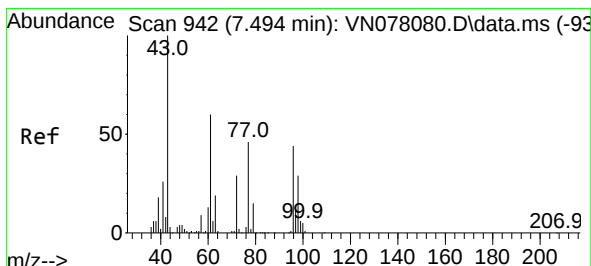
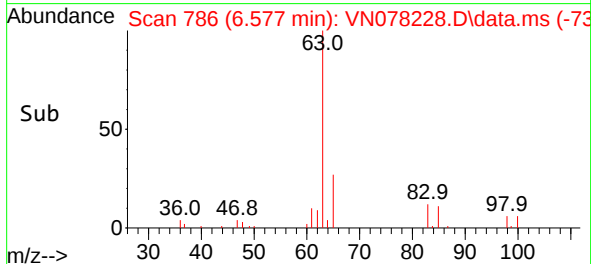
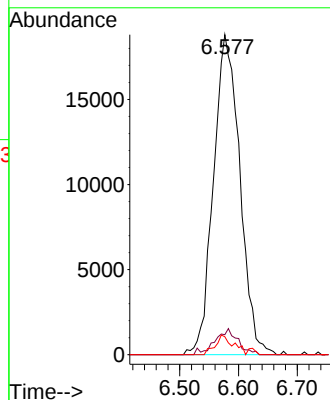
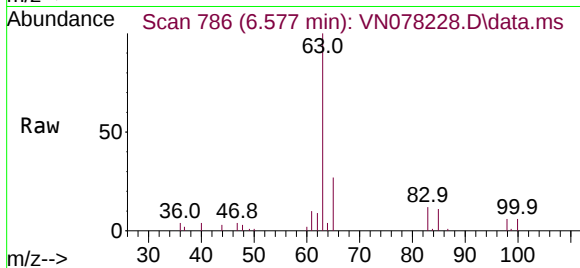




#24
1,1-Dichloroethane
Concen: 8.373 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

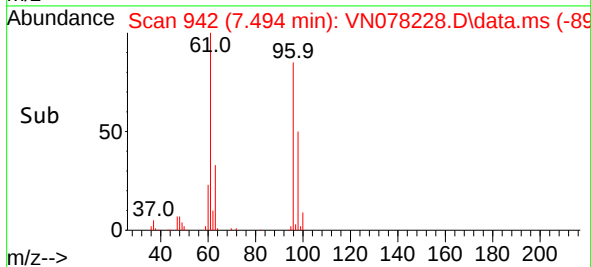
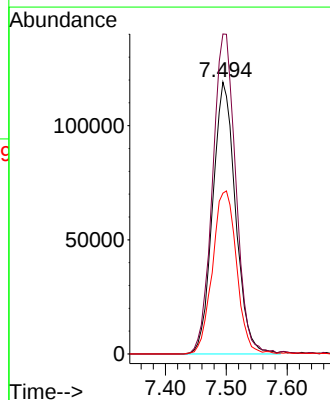
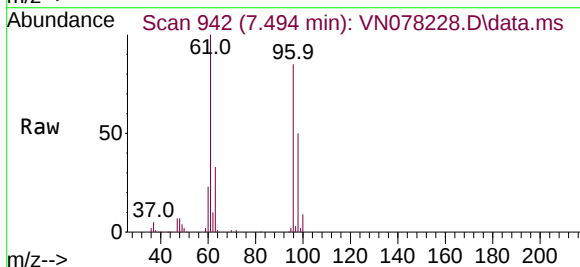
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

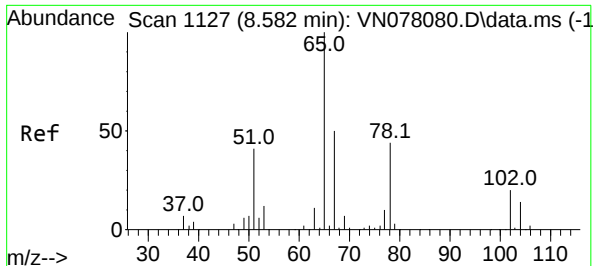
Tgt Ion:	63	Resp:	58588
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.9	11.7
100	5.6	2.5	7.4



#27
cis-1,2-Dichloroethene
Concen: 65.412 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Tgt Ion:	96	Resp:	310886
Ion	Ratio	Lower	Upper
96	100		
61	119.6	0.0	255.2
98	63.2	0.0	128.8





#33

1,2-Dichloroethane-d4

Concen: 52.763 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

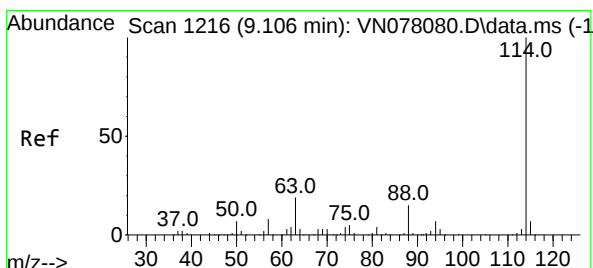
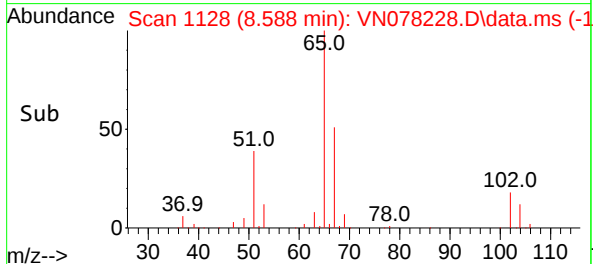
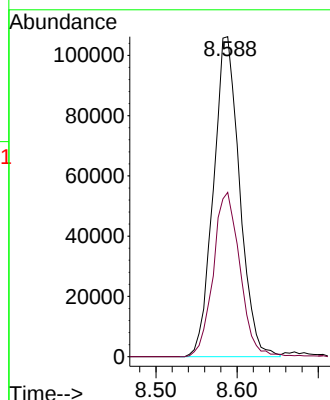
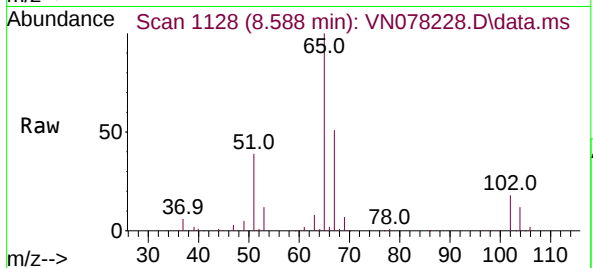
GWOW-BR-05-167-187-061423

Tgt Ion: 65 Resp: 237992

Ion Ratio Lower Upper

65 100

67 52.6 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: VN078228.D

Acq: 15 Jun 2023 15:08

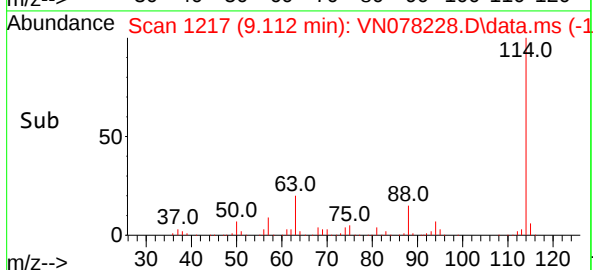
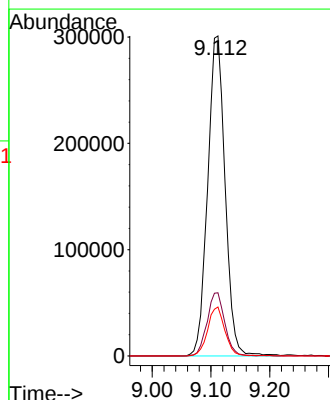
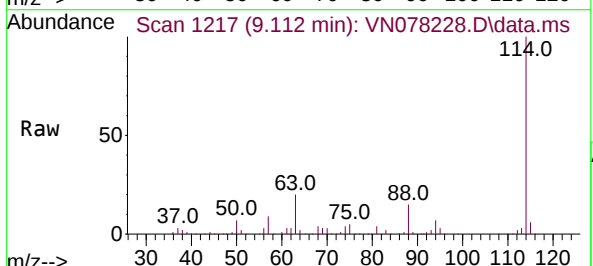
Tgt Ion: 114 Resp: 619334

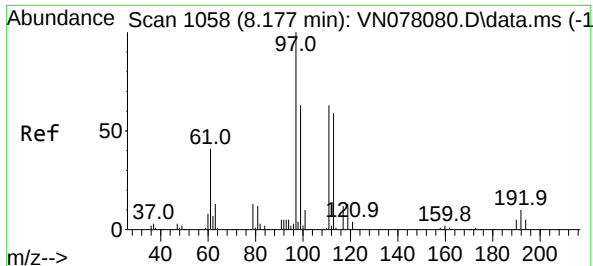
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.3 0.0 30.6

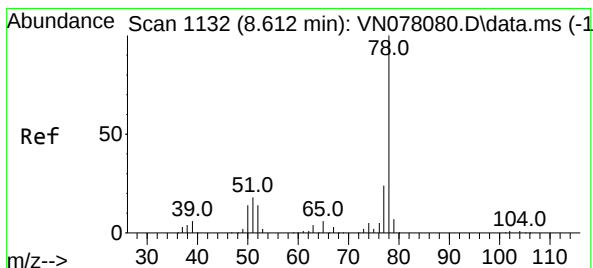
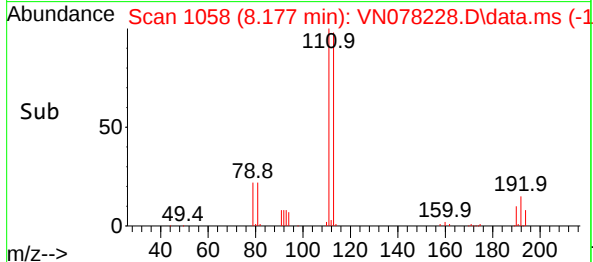
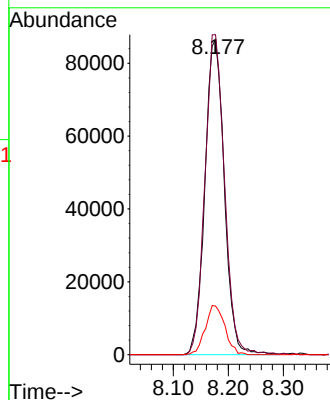
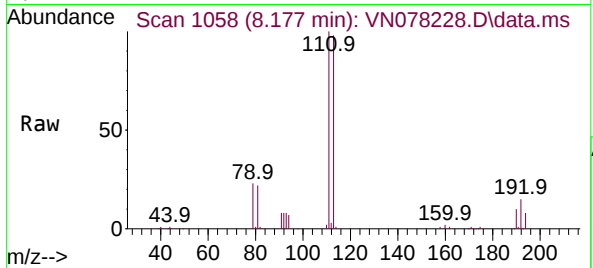




#35
Dibromofluoromethane
Concen: 54.223 ug/l
RT: 8.177 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

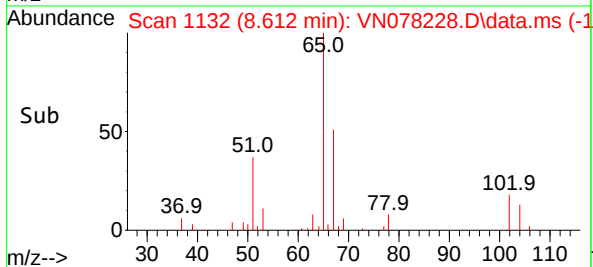
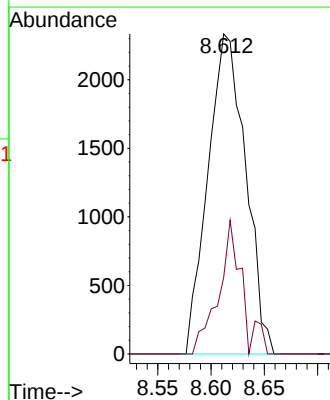
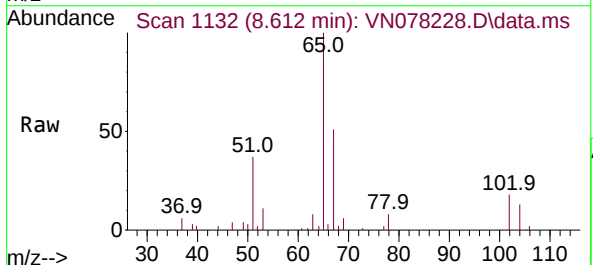
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

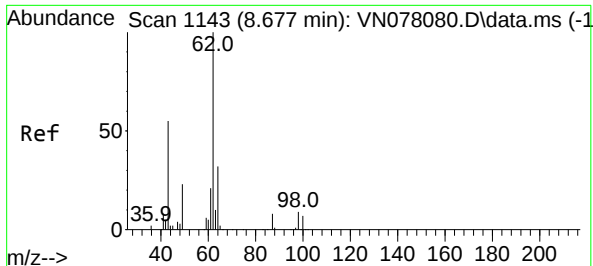
Tgt Ion:113 Resp: 212334
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 15.8 12.7 19.1



#40
Benzene
Concen: 0.342 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Tgt Ion: 78 Resp: 5736
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#42

1,2-Dichloroethane

Concen: 5.896 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

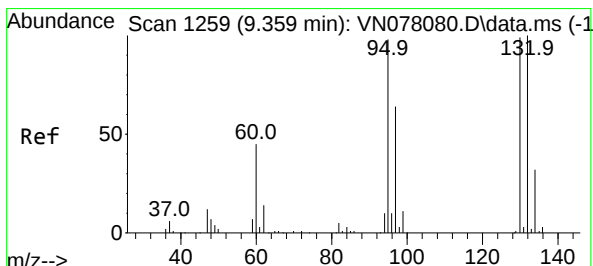
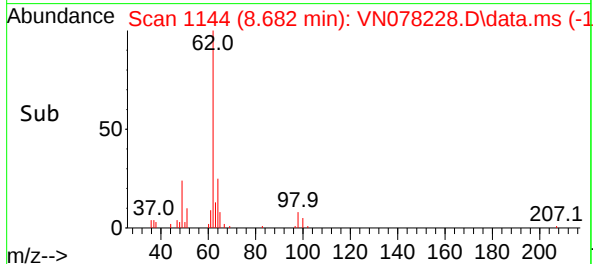
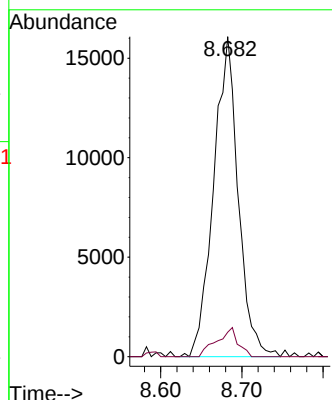
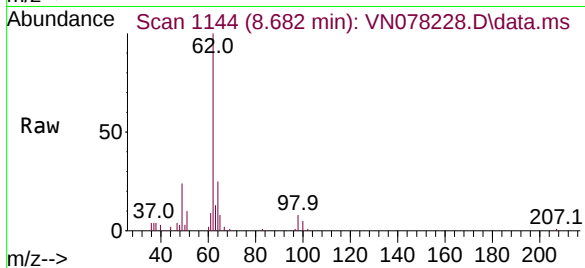
GWOW-BR-05-167-187-061423

Tgt Ion: 62 Resp: 33899

Ion Ratio Lower Upper

62 100

98 7.8 0.0 19.8



#44

Trichloroethene

Concen: 68.991 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078228.D

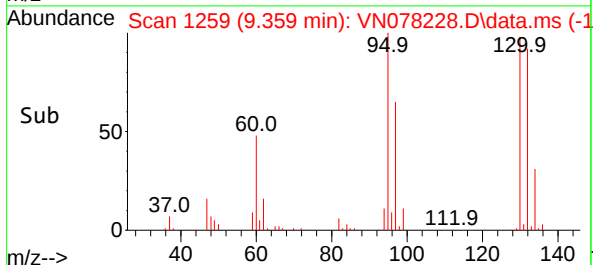
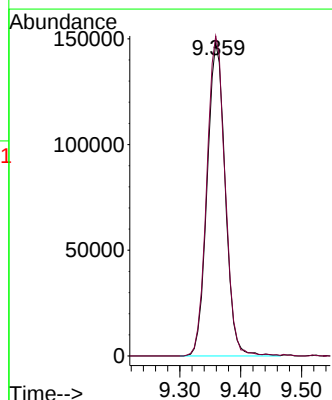
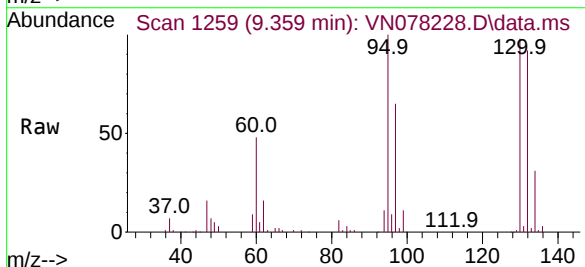
Acq: 15 Jun 2023 15:08

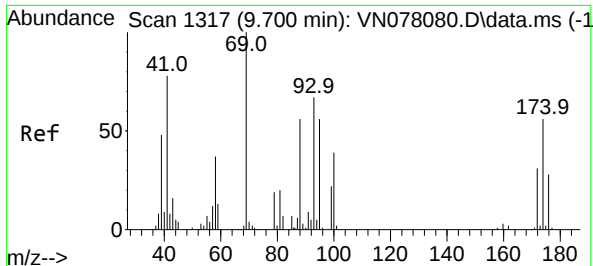
Tgt Ion:130 Resp: 305527

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.6





#49

1,4-Dioxane

Concen: 99.259 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-05-167-187-061423

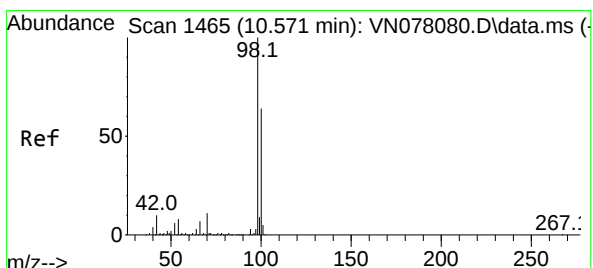
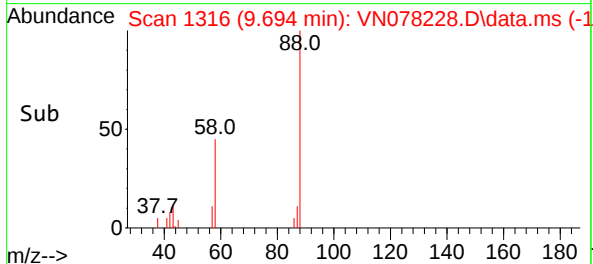
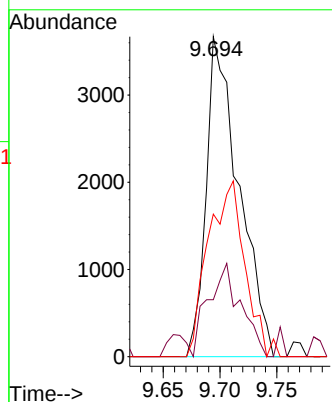
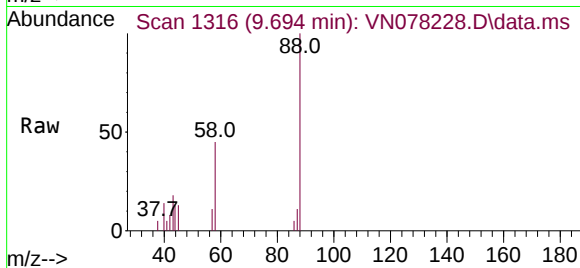
Tgt Ion: 88 Resp: 7347

Ion Ratio Lower Upper

88 100

43 29.0 17.0 25.6#

58 61.7 47.0 70.4



#50

Toluene-d8

Concen: 51.596 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078228.D

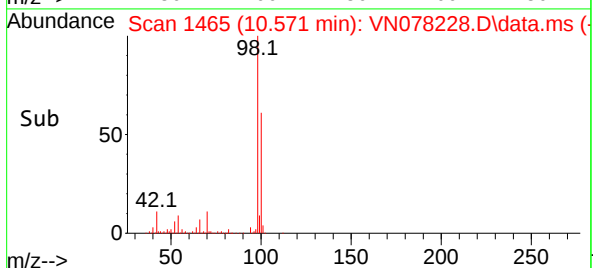
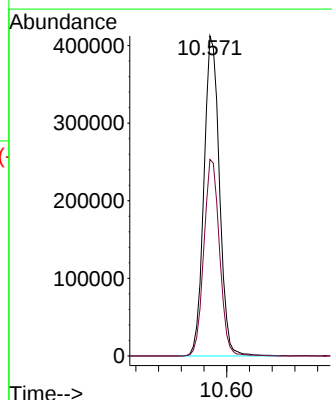
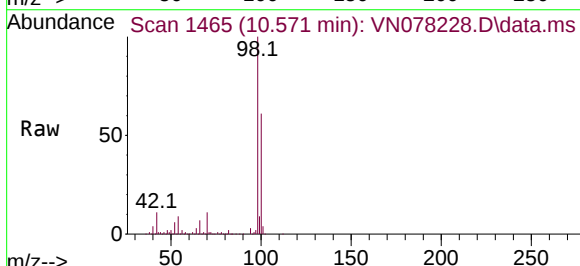
Acq: 15 Jun 2023 15:08

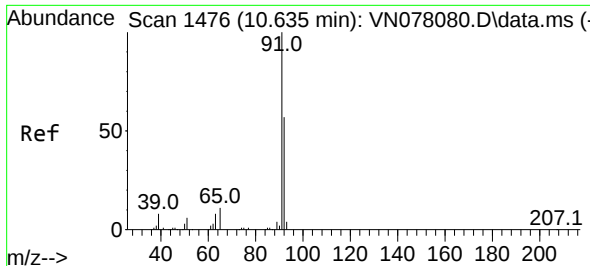
Tgt Ion: 98 Resp: 778913

Ion Ratio Lower Upper

98 100

100 62.2 52.0 78.0

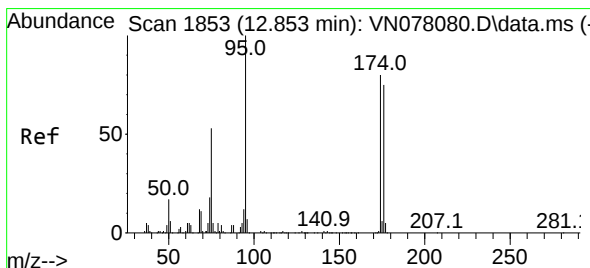
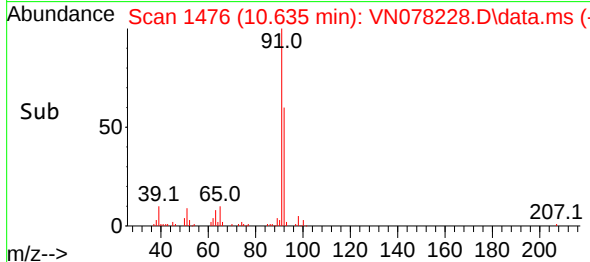
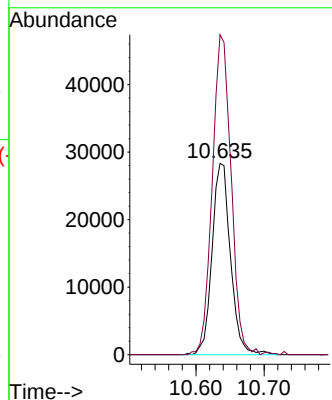
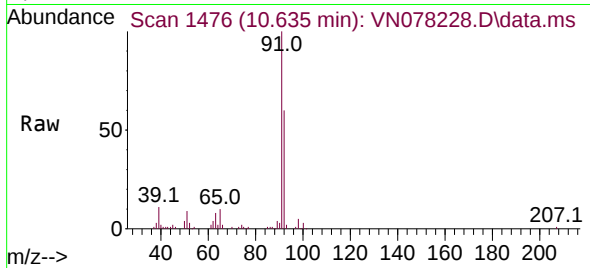




#52
Toluene
Concen: 5.039 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

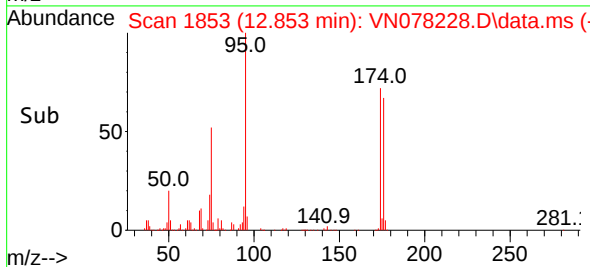
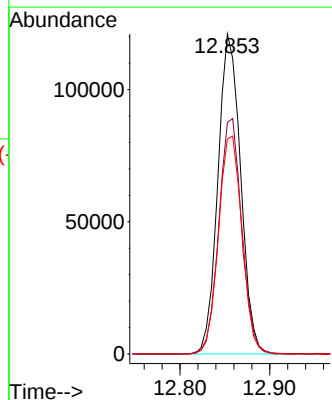
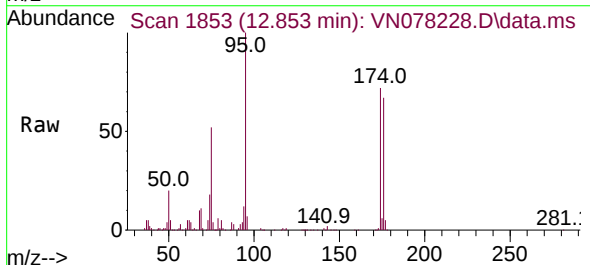
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

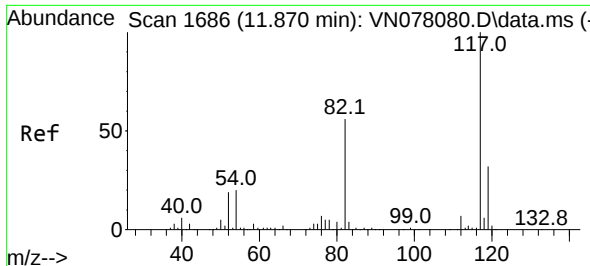
Tgt Ion: 92 Resp: 53350
Ion Ratio Lower Upper
92 100
91 170.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 45.272 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Tgt Ion: 95 Resp: 212467
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.7 0.0 135.8

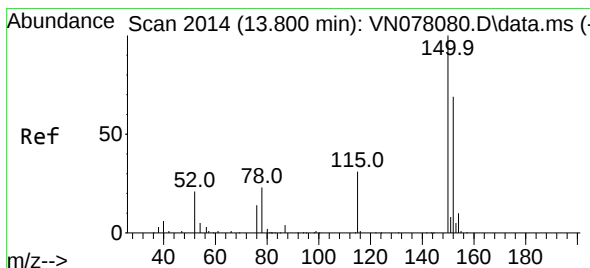
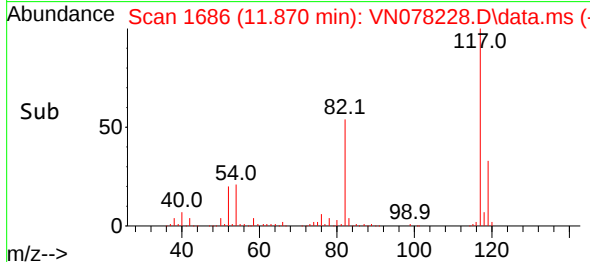
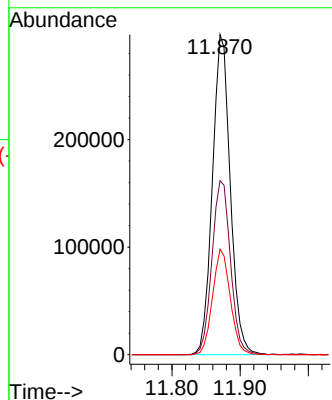
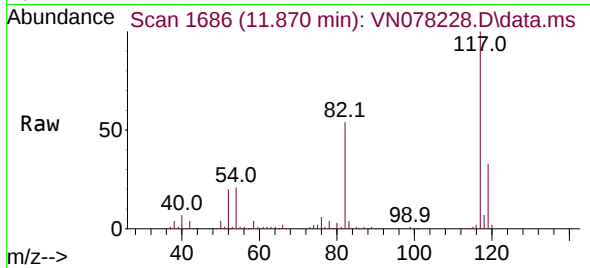




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

Tgt Ion:117 Resp: 543457
Ion Ratio Lower Upper
117 100
82 54.4 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# 1204
Delta R.T. 0.000 min
Lab File: VN078228.D
Acq: 15 Jun 2023 15:08

Tgt Ion:152 Resp: 151854
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 158.1 0.0 355.8

