

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078227.D
 Acq On : 15 Jun 2023 14:44
 Operator : JC\MD
 Sample : 03259-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423

Quant Time: Jun 16 06:07:08 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)

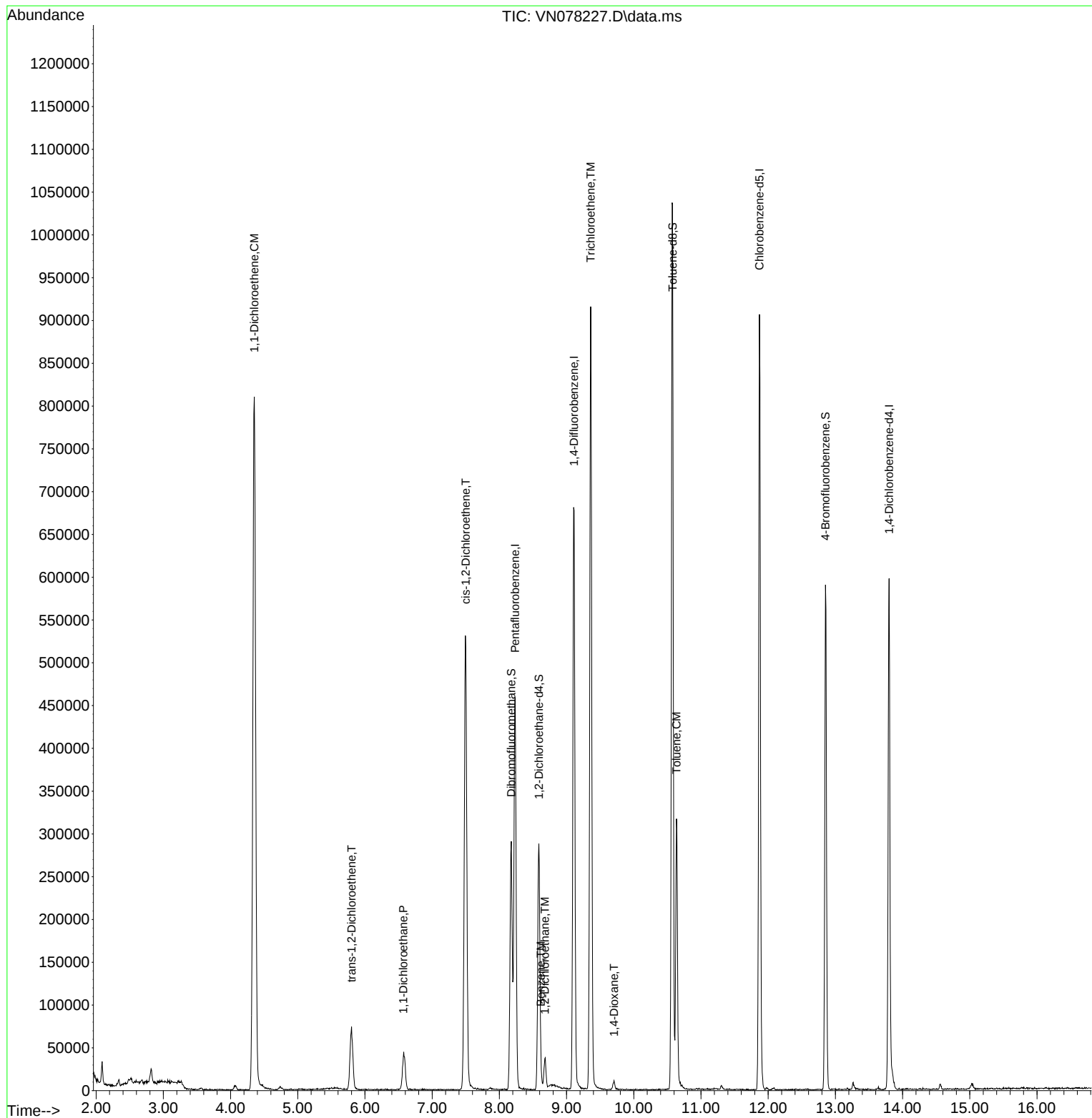
Internal Standards						
1) Pentafluorobenzene	8.235	168	336936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	617822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	155939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	239961	53.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.840%	
35) Dibromofluoromethane	8.177	113	208009	53.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.500%	
50) Toluene-d8	10.576	98	762054	50.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.853	95	209390	44.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.460%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	495257	134.605	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	46047	11.603	ug/l	83
24) 1,1-Dichloroethane	6.571	63	59342	8.515	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	317873	67.153	ug/l	99
40) Benzene	8.618	78	6132	0.367	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	32272	5.627	ug/l	99
44) Trichloroethene	9.359	130	326952	74.009	ug/l	98
49) 1,4-Dioxane	9.706	88	7073	95.792	ug/l #	77
52) Toluene	10.635	92	135529	12.832	ug/l	95

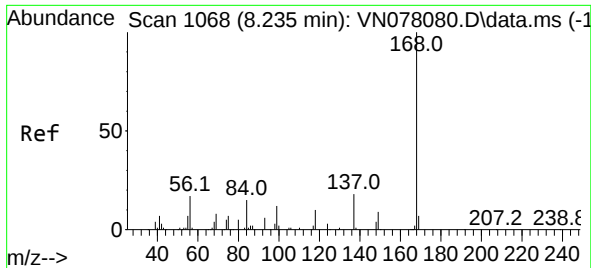
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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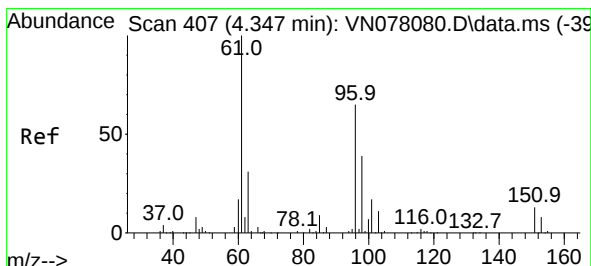
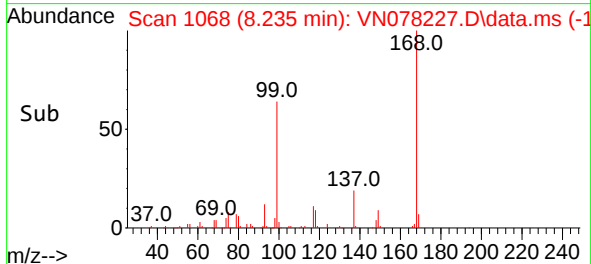
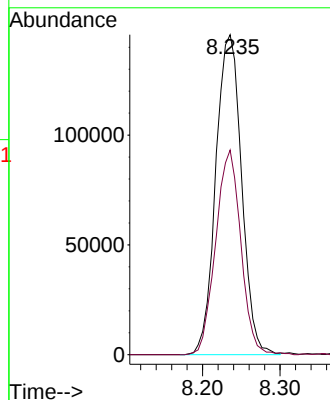
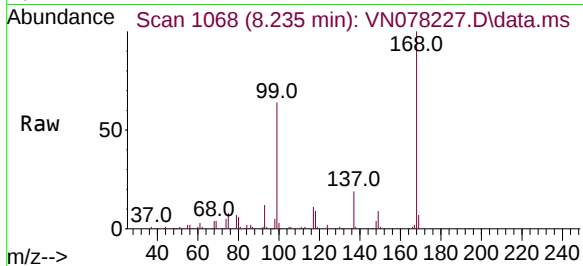




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

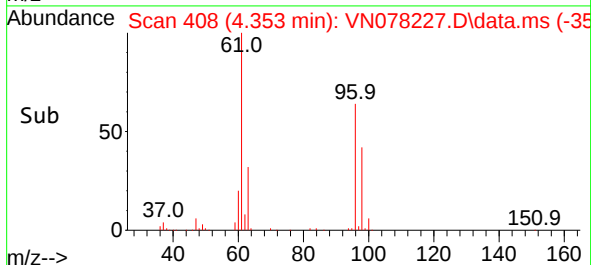
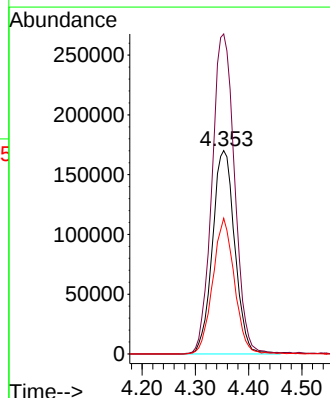
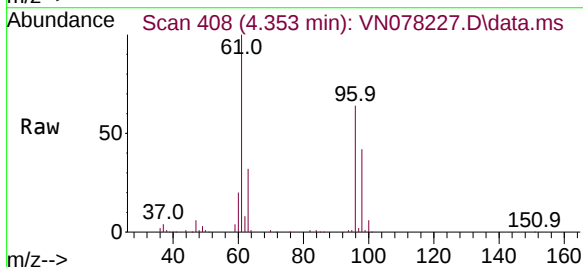
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

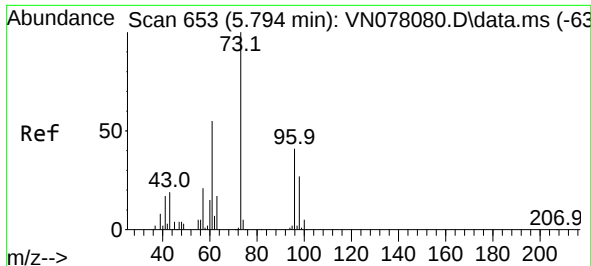
Tgt Ion:168 Resp: 336936
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#12
1,1-Dichloroethene
Concen: 134.605 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

Tgt Ion: 96 Resp: 495257
Ion Ratio Lower Upper
96 100
61 157.4 112.7 169.1
98 66.7 51.2 76.8

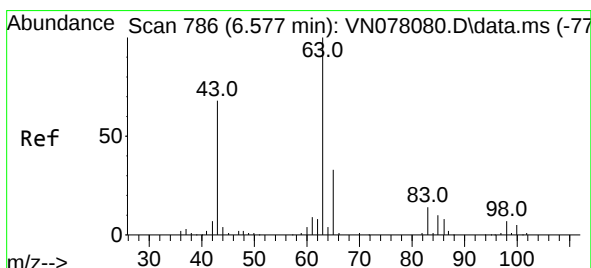
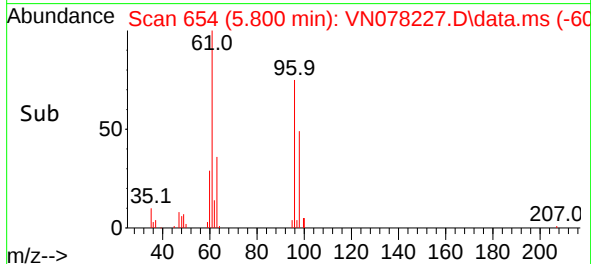
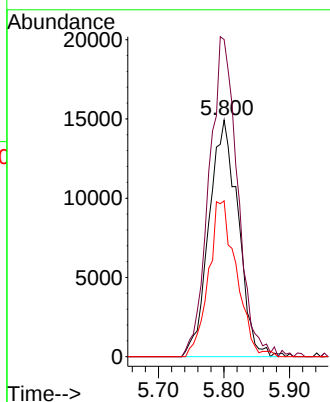
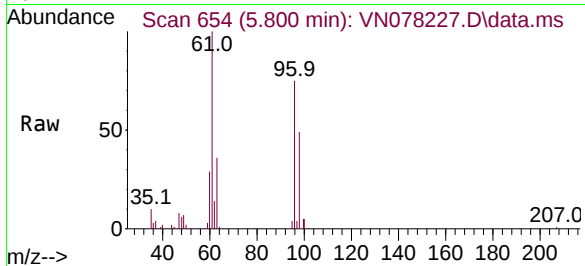




#21
trans-1,2-Dichloroethene
Concen: 11.603 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

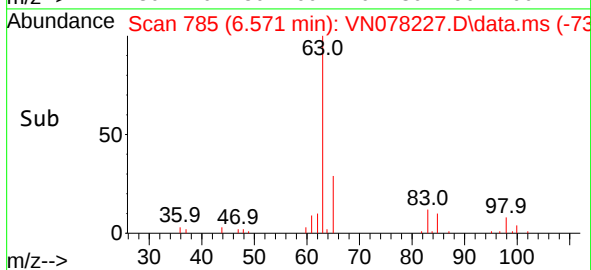
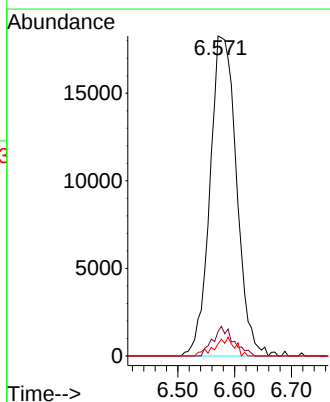
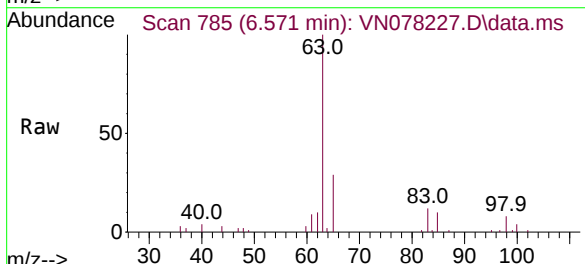
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

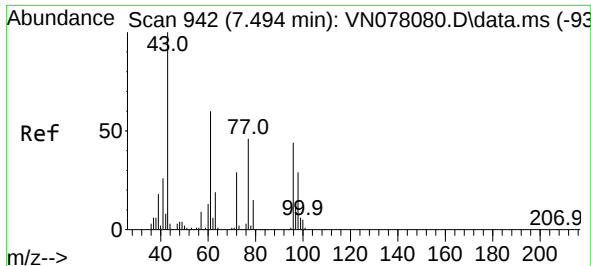
Tgt Ion: 96 Resp: 46047
Ion Ratio Lower Upper
96 100
61 134.0 90.1 135.1
98 65.8 46.4 69.6



#24
1,1-Dichloroethane
Concen: 8.515 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

Tgt Ion: 63 Resp: 59342
Ion Ratio Lower Upper
63 100
98 7.6 3.9 11.7
100 3.8 2.5 7.4

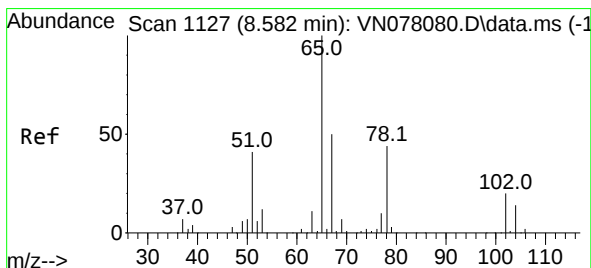
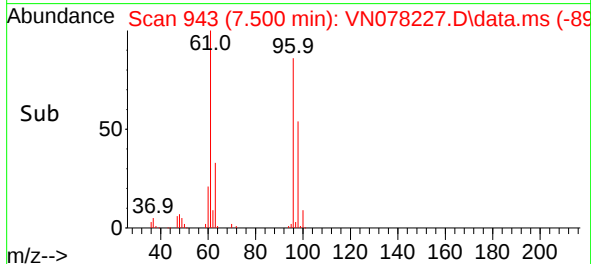
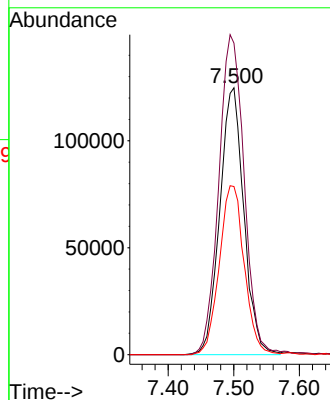
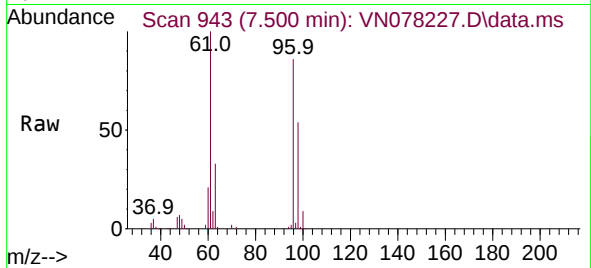




#27
 cis-1,2-Dichloroethene
 Concen: 67.153 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078227.D
 Acq: 15 Jun 2023 14:44

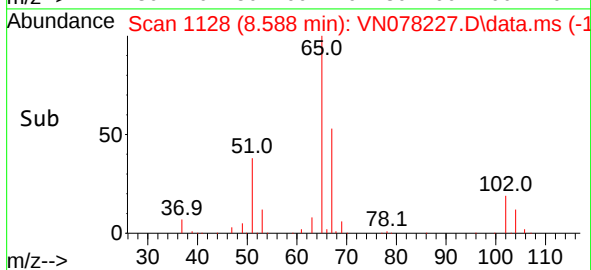
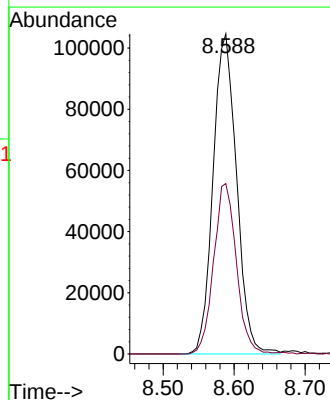
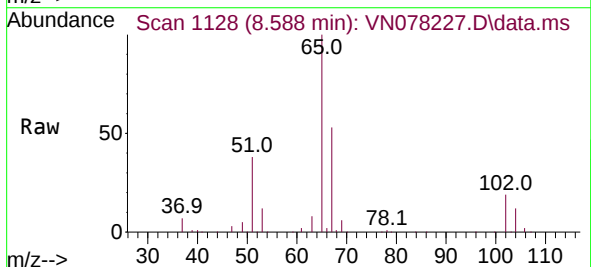
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423

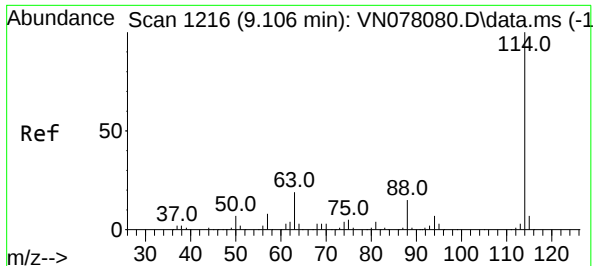
Tgt Ion: 96 Resp: 317873
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 255.2
 98 65.6 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 53.415 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN078227.D
 Acq: 15 Jun 2023 14:44

Tgt Ion: 65 Resp: 239961
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VN078227.D

Acq: 15 Jun 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-05-129-149-061423

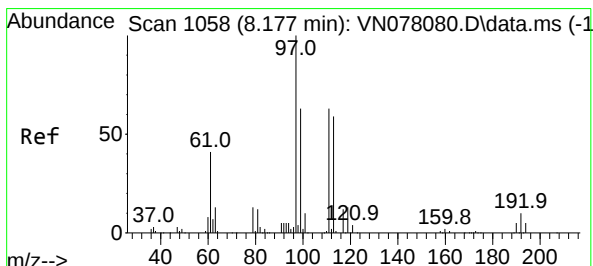
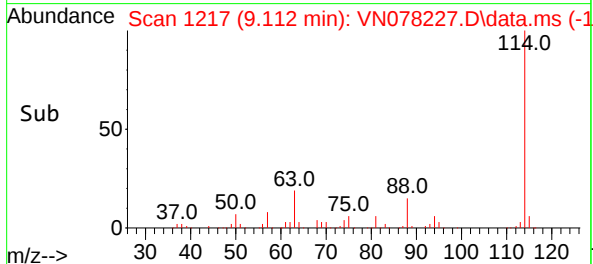
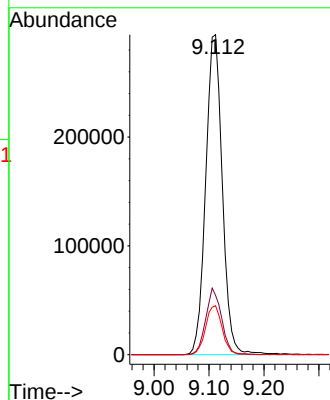
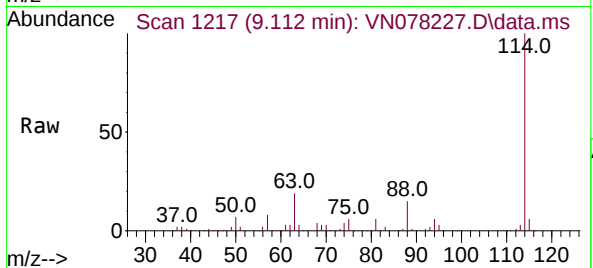
Tgt Ion:114 Resp: 617822

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.248 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078227.D

Acq: 15 Jun 2023 14:44

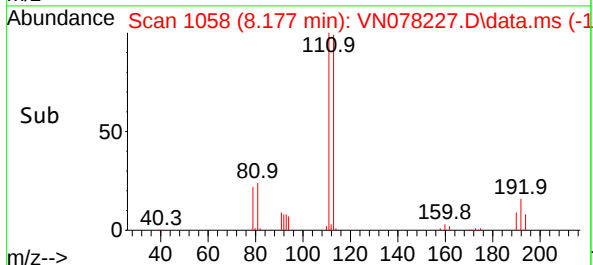
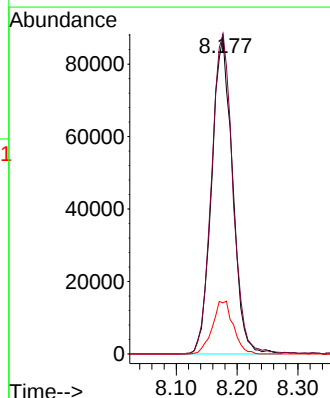
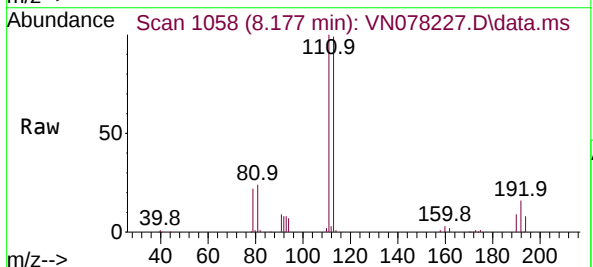
Tgt Ion:113 Resp: 208009

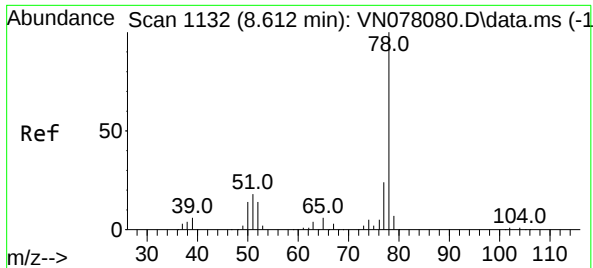
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.7 12.7 19.1





#40

Benzene

Concen: 0.367 ug/l

RT: 8.618 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078227.D

Acq: 15 Jun 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

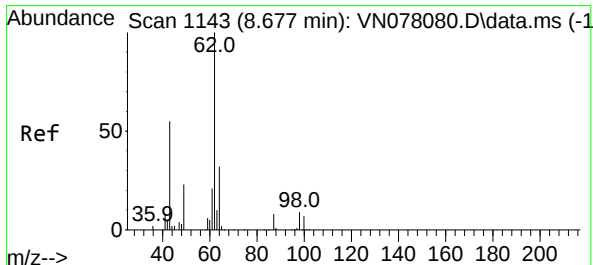
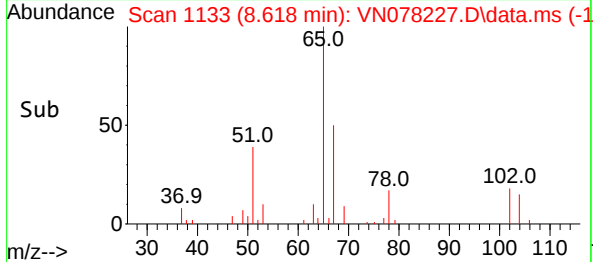
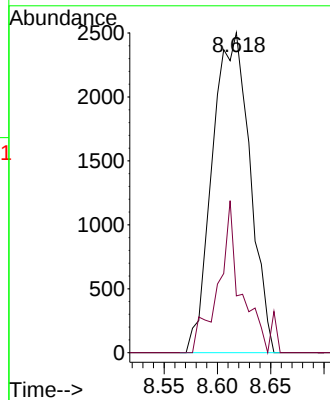
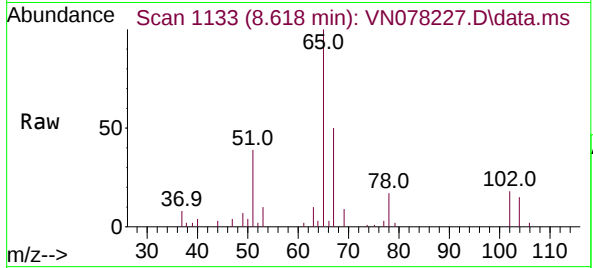
GWOW-BR-05-129-149-061423

Tgt Ion: 78 Resp: 6132

Ion Ratio Lower Upper

78 100

77 17.7 19.0 28.6#



#42

1,2-Dichloroethane

Concen: 5.627 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078227.D

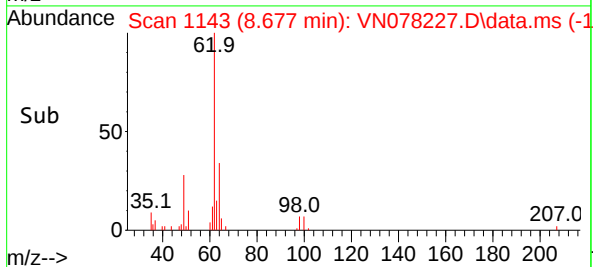
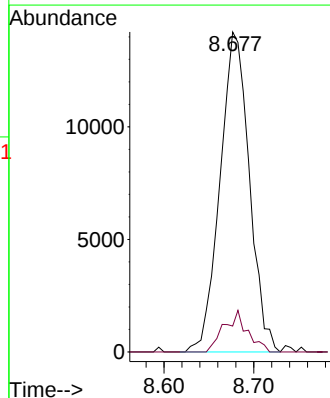
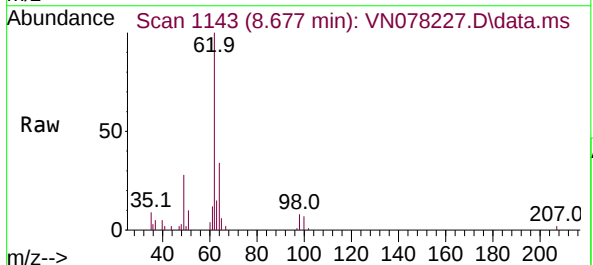
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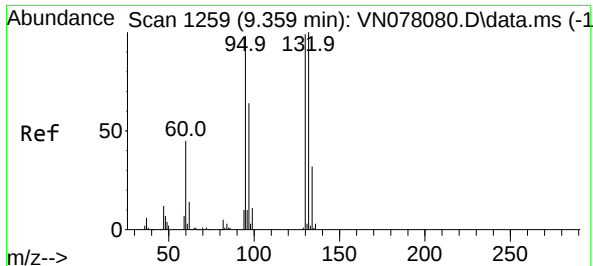
Tgt Ion: 62 Resp: 32272

Ion Ratio Lower Upper

62 100

98 10.3 0.0 19.8

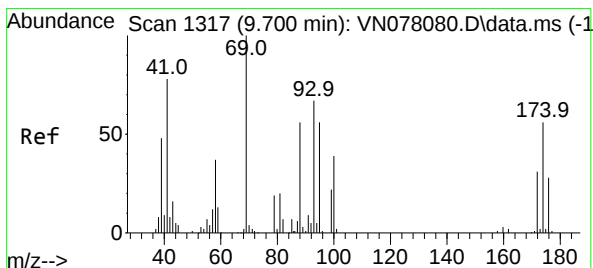
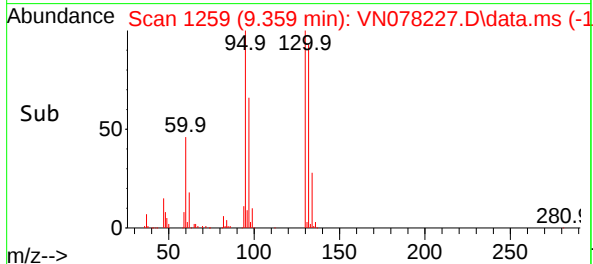
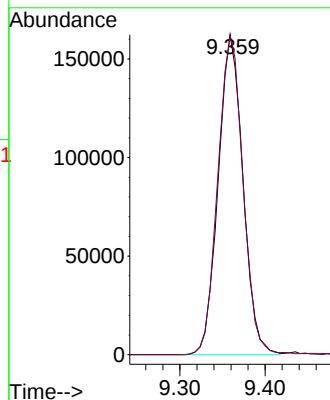
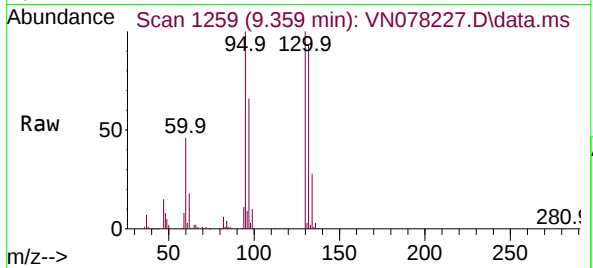




#44
Trichloroethene
Concen: 74.009 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

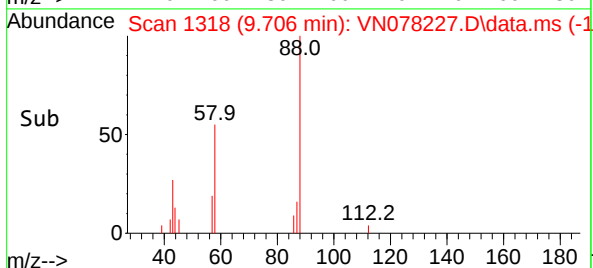
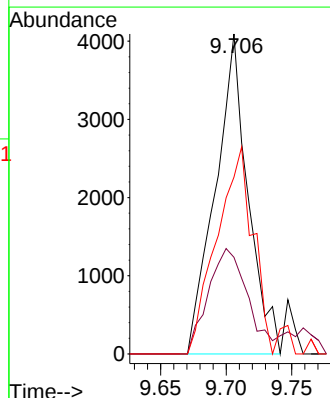
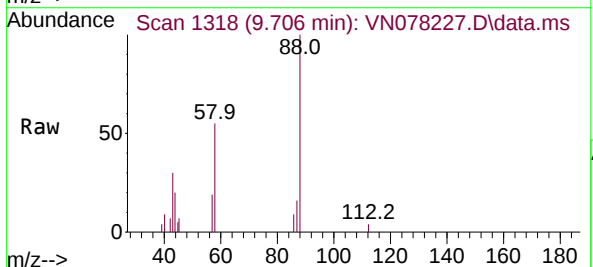
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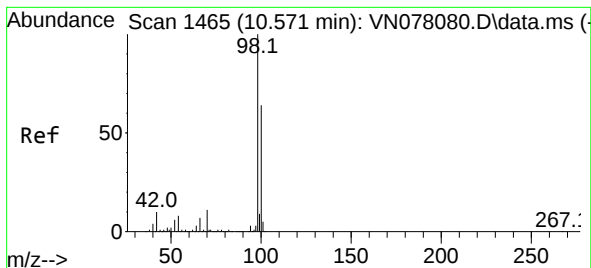
Tgt Ion:130 Resp: 326952
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6



#49
1,4-Dioxane
Concen: 95.792 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

Tgt Ion: 88 Resp: 7073
Ion Ratio Lower Upper
88 100
43 39.8 17.0 25.6#
58 71.8 47.0 70.4#

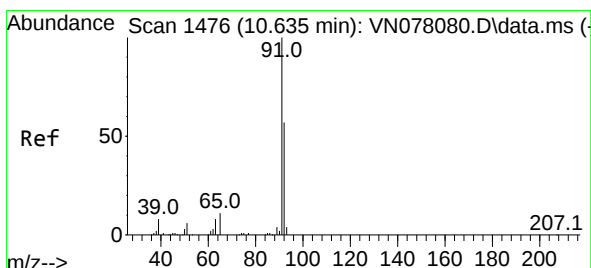
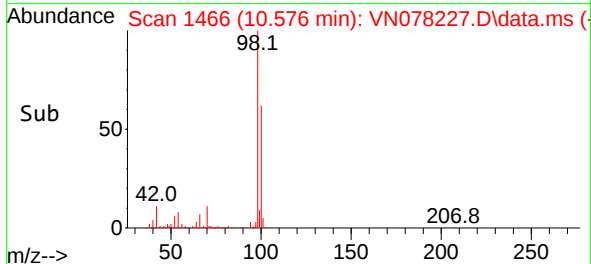
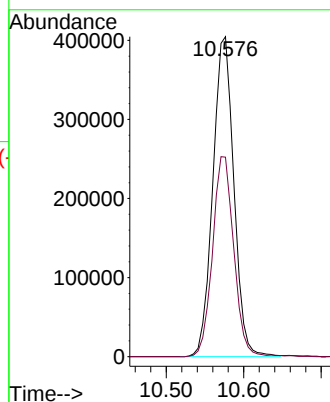
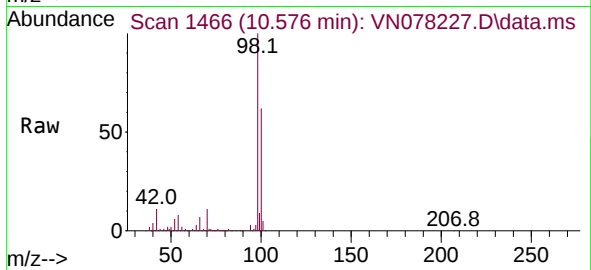




#50
Toluene-d8
Concen: 50.603 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

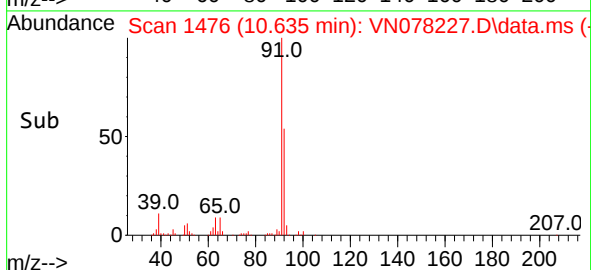
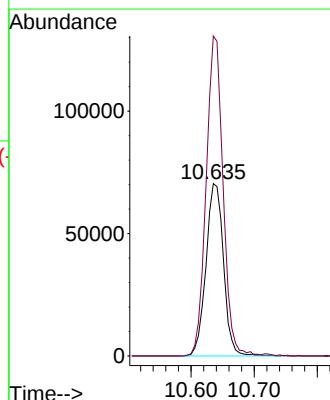
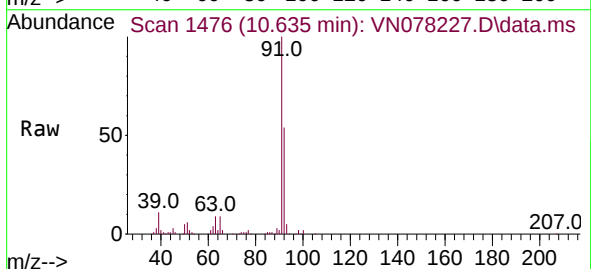
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

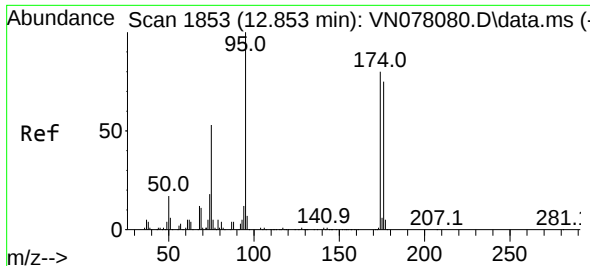
Tgt Ion: 98 Resp: 762054
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#52
Toluene
Concen: 12.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

Tgt Ion: 92 Resp: 135529
Ion Ratio Lower Upper
92 100
91 179.0 137.4 206.0

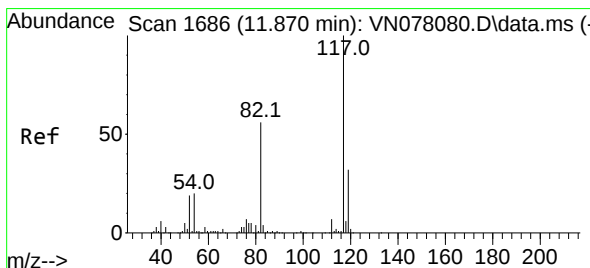
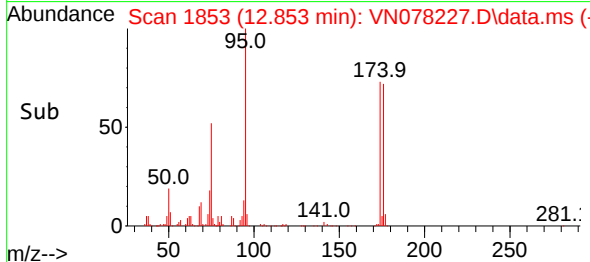
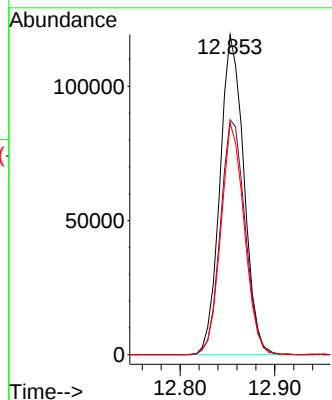
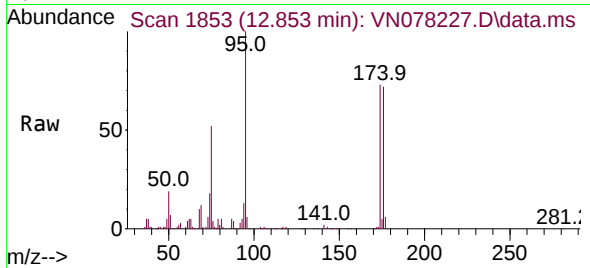




#62
4-Bromofluorobenzene
Concen: 44.726 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

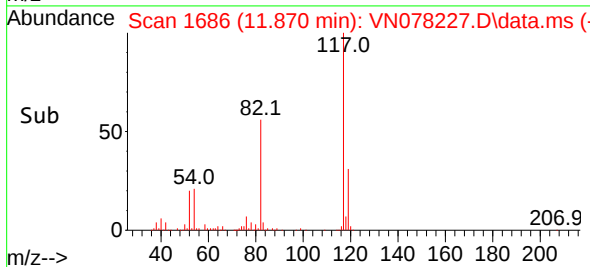
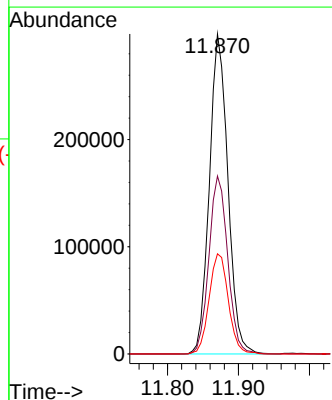
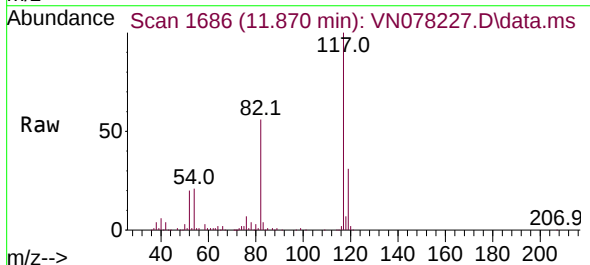
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-129-149-061423

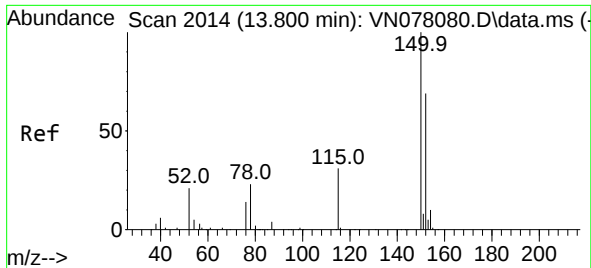
Tgt Ion: 95 Resp: 209390
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 70.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078227.D
Acq: 15 Jun 2023 14:44

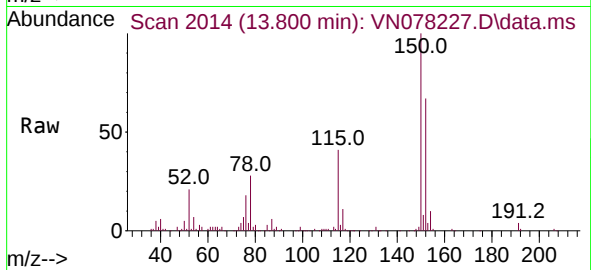
Tgt Ion: 117 Resp: 540708
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078227.D
 Acq: 15 Jun 2023 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-129-149-061423



Tgt Ion:152 Resp: 155939

Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.3	96.8
150	156.6	0.0	355.8

