

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078307.D
 Acq On : 20 Jun 2023 14:12
 Operator : JC\MD
 Sample : 03338-02DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-248-268-061923DL

Quant Time: Jun 21 05:46:32 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)

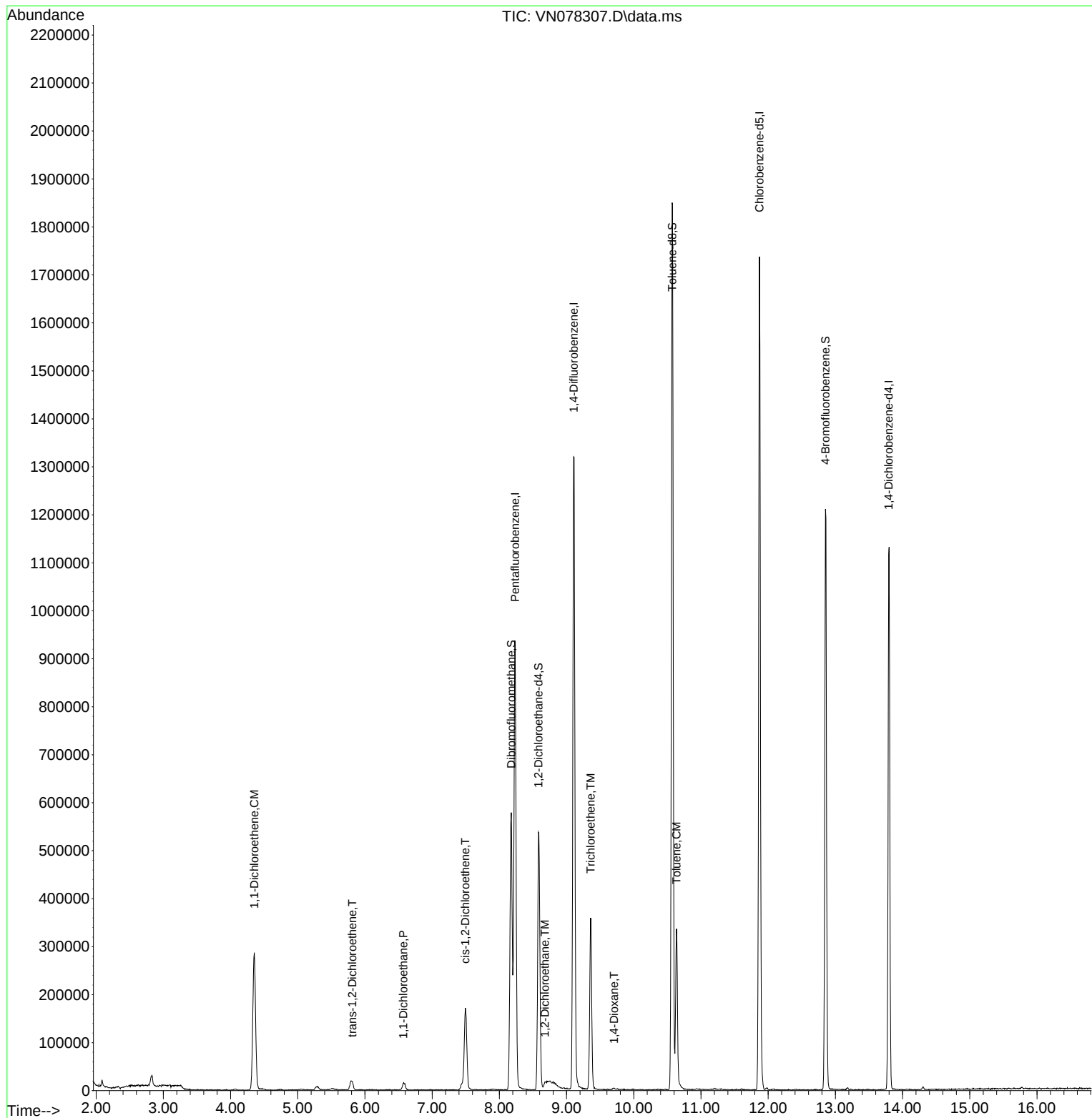
Internal Standards						
1) Pentafluorobenzene	8.235	168	698272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1197248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1030557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	449793	48.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.620%
35) Dibromofluoromethane	8.177	113	416167	54.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.960%
50) Toluene-d8	10.571	98	1359528	46.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.853	95	428986	47.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	175647	23.035	ug/l	90
21) trans-1,2-Dichloroethene	5.812	96	13380	1.627	ug/l	90
24) 1,1-Dichloroethane	6.571	63	20510	1.420	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	109447	11.157	ug/l	93
42) 1,2-Dichloroethane	8.677	62	12764	1.148	ug/l	92
44) Trichloroethene	9.359	130	127162	14.854	ug/l	99
49) 1,4-Dioxane	9.706	88	3301	23.070	ug/l #	85
52) Toluene	10.635	92	143858	7.029	ug/l	95

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

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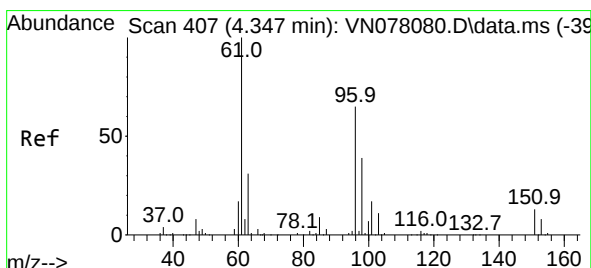
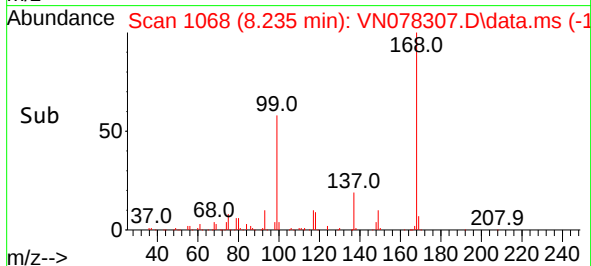
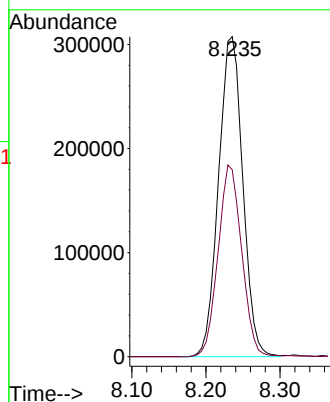
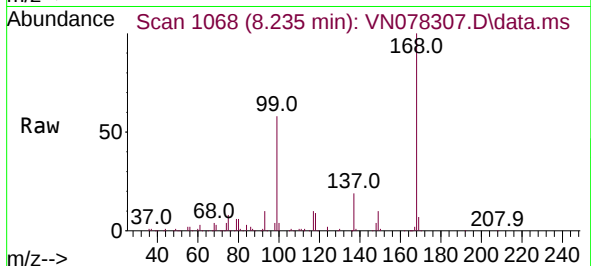




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

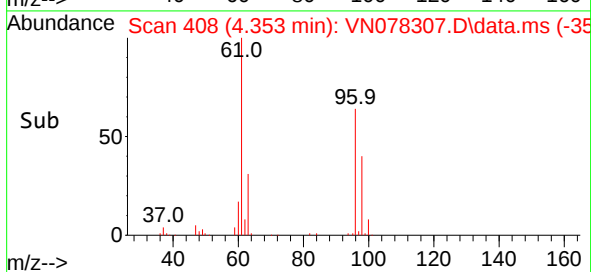
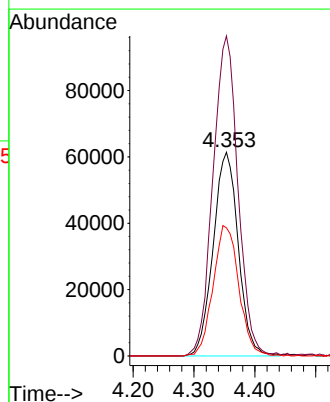
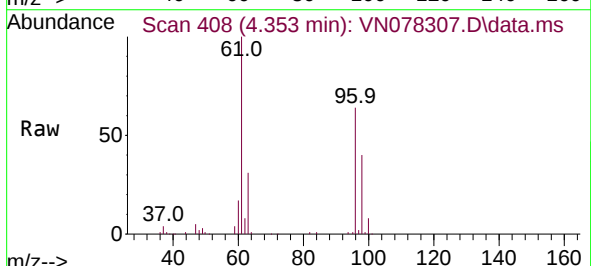
Instrument :
MSVOA_N
ClientSampleId :
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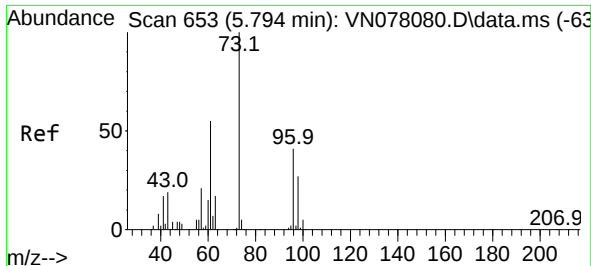
Tgt Ion:168 Resp: 698272
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#12
1,1-Dichloroethene
Concen: 23.035 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

Tgt Ion: 96 Resp: 175647
Ion Ratio Lower Upper
96 100
61 157.1 112.7 169.1
98 62.9 51.2 76.8

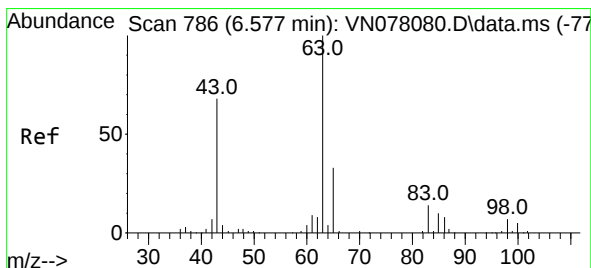
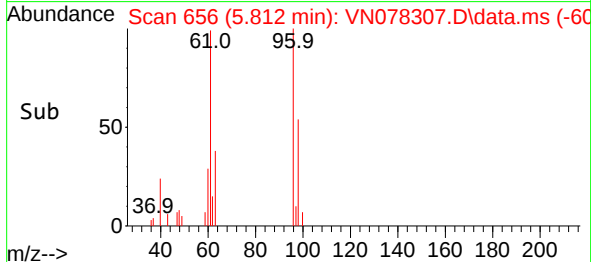
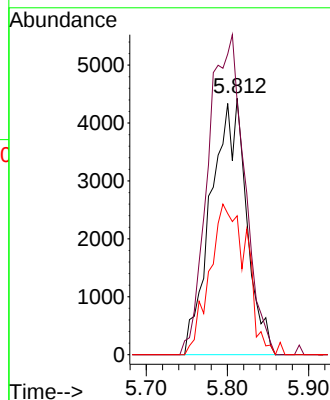
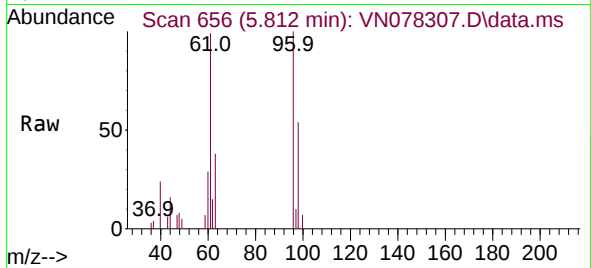




#21
trans-1,2-Dichloroethene
Concen: 1.627 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

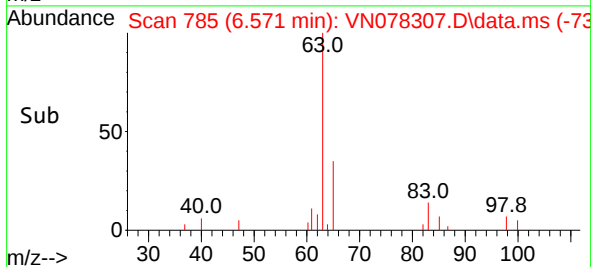
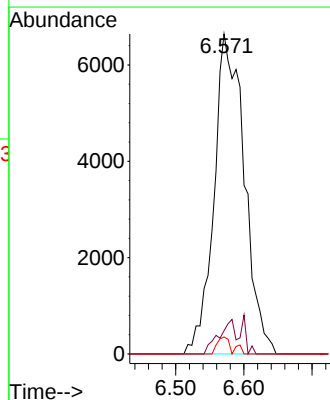
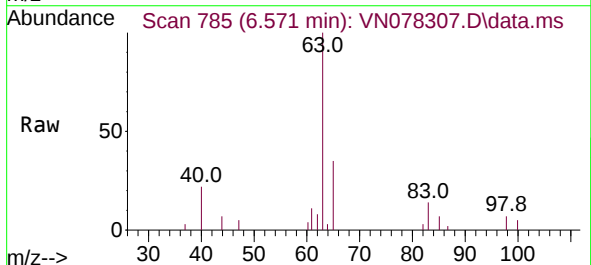
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MSVOA_N
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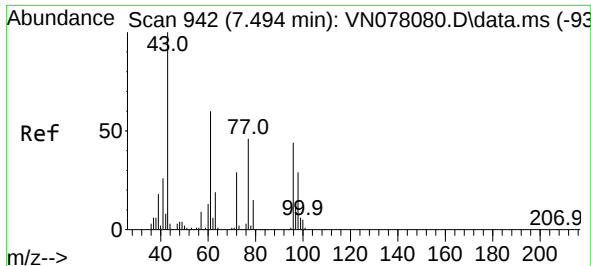
Tgt Ion: 96 Resp: 13380
Ion Ratio Lower Upper
96 100
61 98.6 90.1 135.1
98 54.2 46.4 69.6



#24
1,1-Dichloroethane
Concen: 1.420 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

Tgt Ion: 63 Resp: 20510
Ion Ratio Lower Upper
63 100
98 7.3 3.9 11.7
100 5.3 2.5 7.4



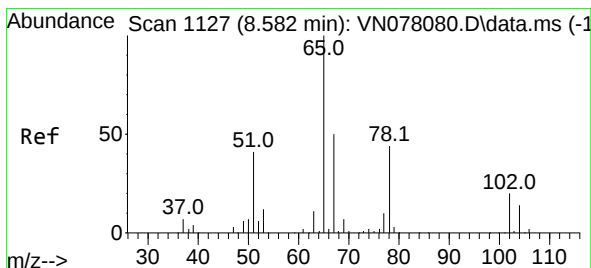
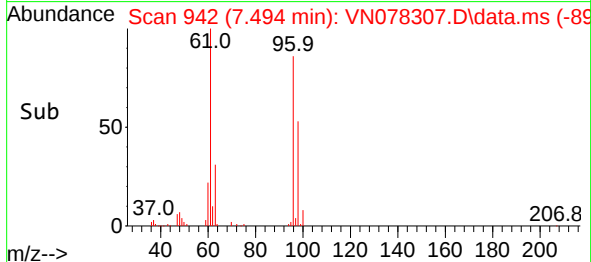
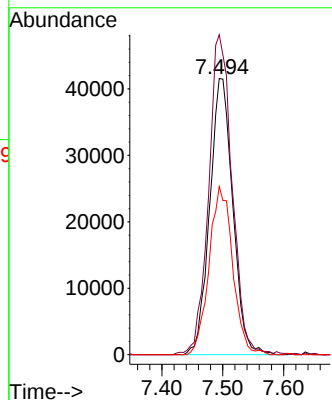
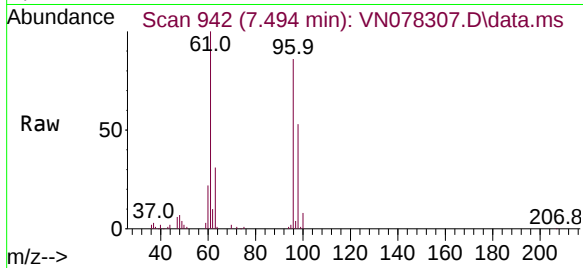


#27
 cis-1,2-Dichloroethene
 Concen: 11.157 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN078307.D
 Acq: 20 Jun 2023 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-05-248-268-061923DL

Tgt Ion: 96 Resp: 109447

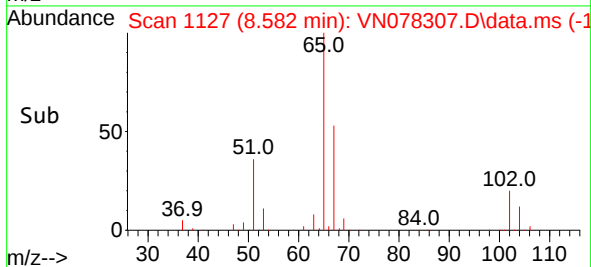
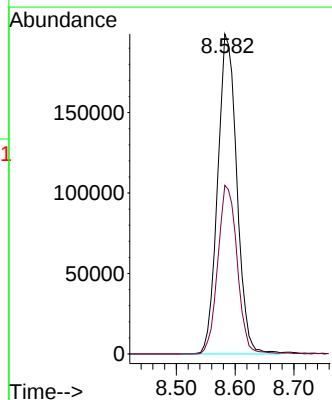
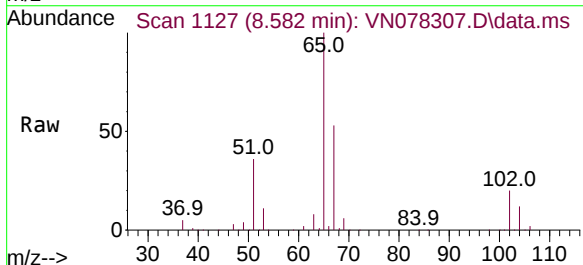
Ion	Ratio	Lower	Upper
96	100		
61	117.8	0.0	255.2
98	62.1	0.0	128.8

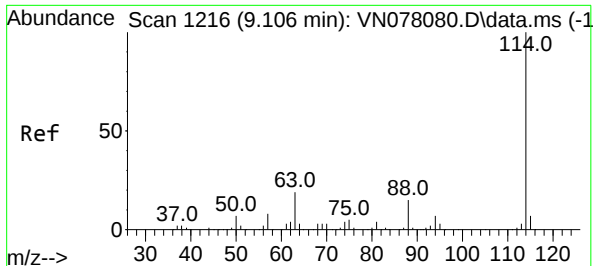


#33
 1,2-Dichloroethane-d4
 Concen: 48.312 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN078307.D
 Acq: 20 Jun 2023 14:12

Tgt Ion: 65 Resp: 449793

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078307.D

Acq: 20 Jun 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-05-248-268-061923DL

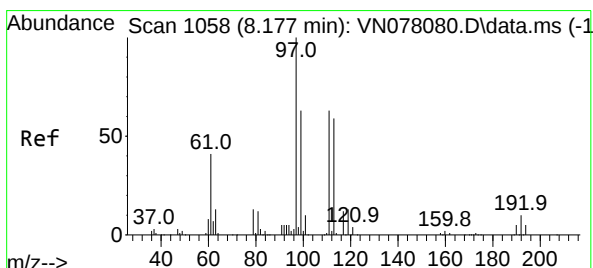
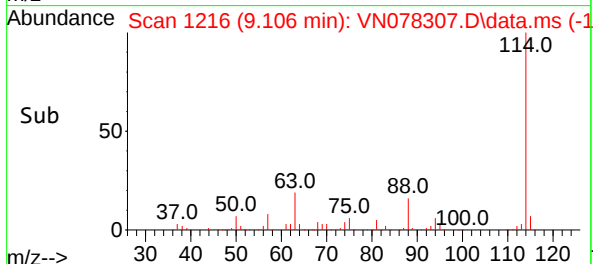
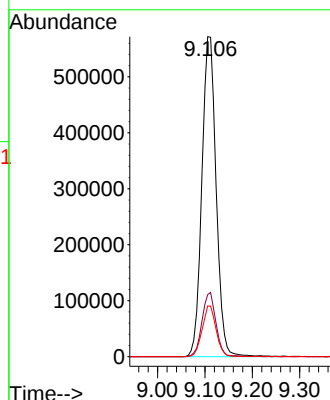
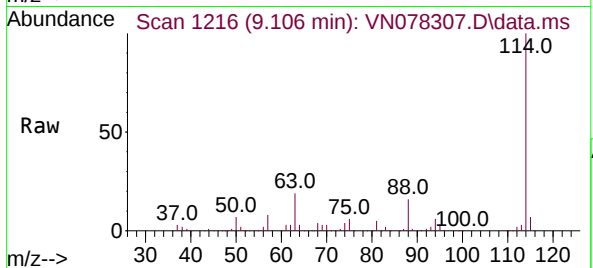
Tgt Ion:114 Resp: 1197248

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.976 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078307.D

Acq: 20 Jun 2023 14:12

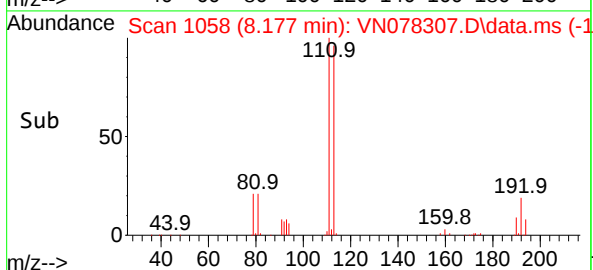
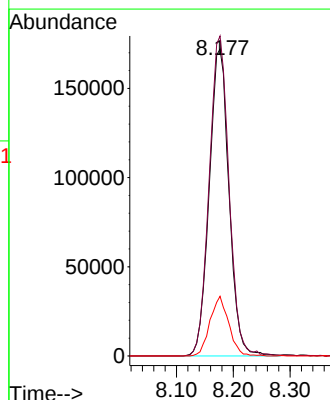
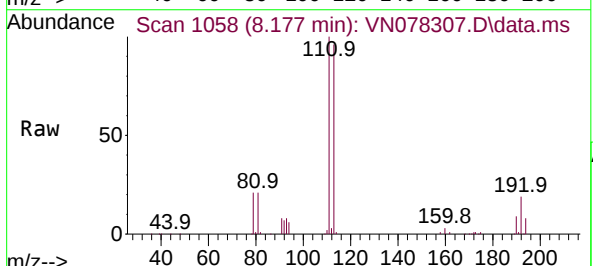
Tgt Ion:113 Resp: 416167

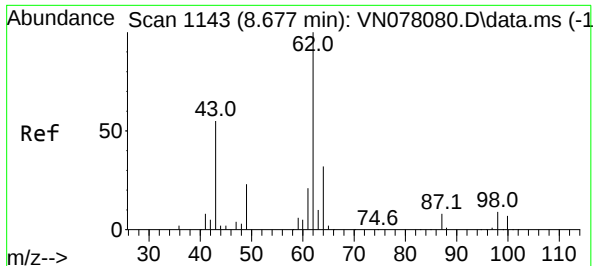
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 18.4 12.7 19.1





#42

1,2-Dichloroethane

Concen: 1.148 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078307.D

Acq: 20 Jun 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

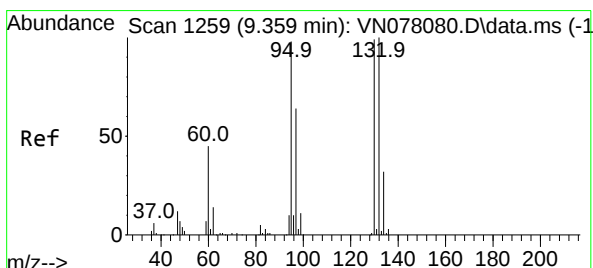
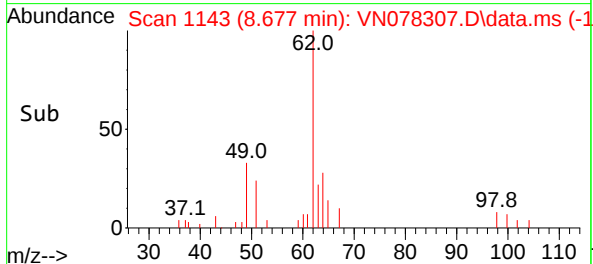
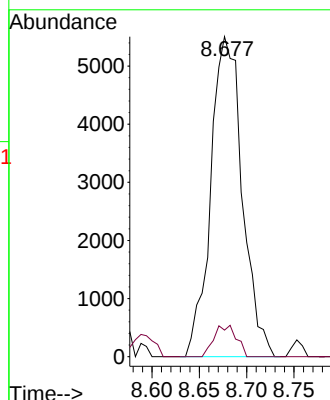
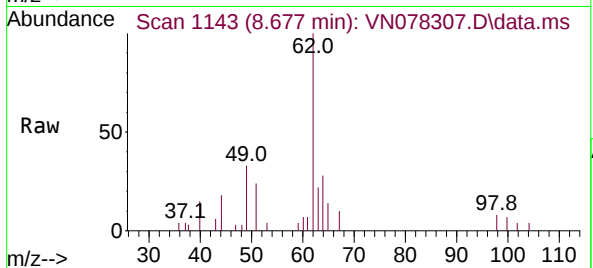
GWOW-BR-05-248-268-061923DL

Tgt Ion: 62 Resp: 12764

Ion Ratio Lower Upper

62 100

98 7.0 0.0 19.8



#44

Trichloroethene

Concen: 14.854 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078307.D

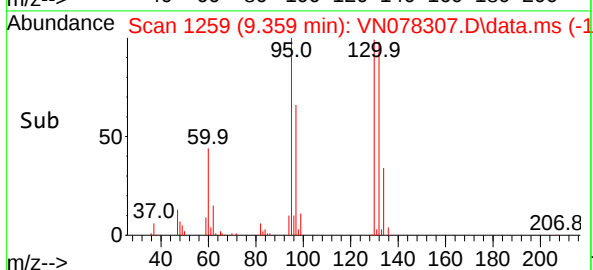
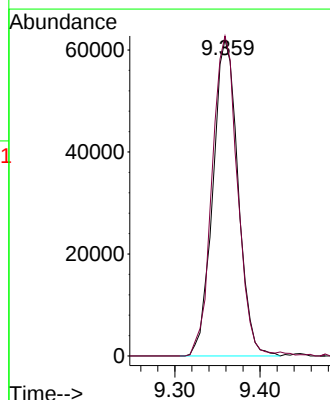
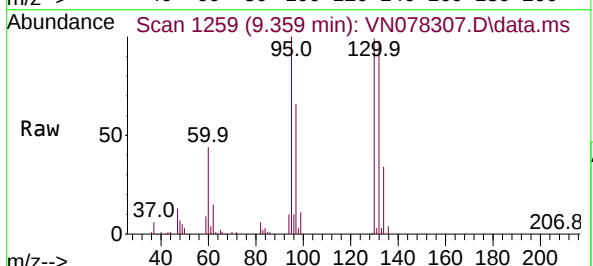
Acq: 20 Jun 2023 14:12

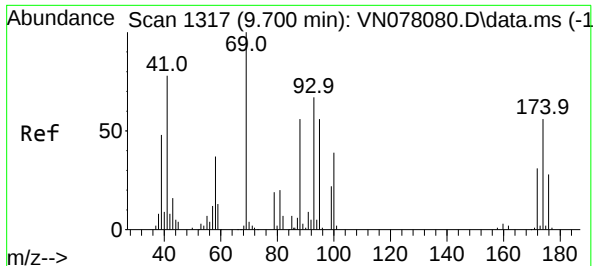
Tgt Ion:130 Resp: 127162

Ion Ratio Lower Upper

130 100

95 101.2 0.0 204.6





#49

1,4-Dioxane

Concen: 23.070 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078307.D

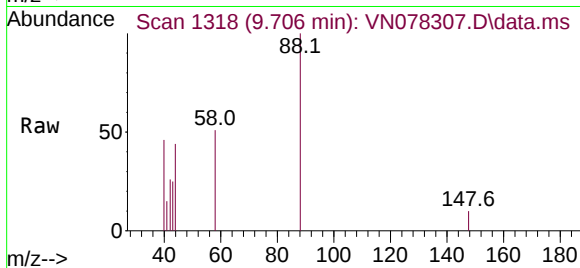
Acq: 20 Jun 2023 14:12

Instrument :

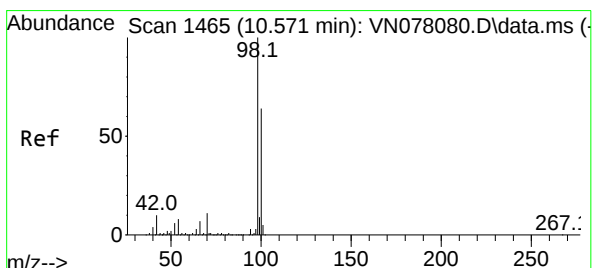
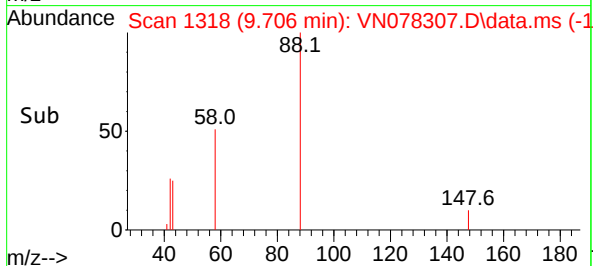
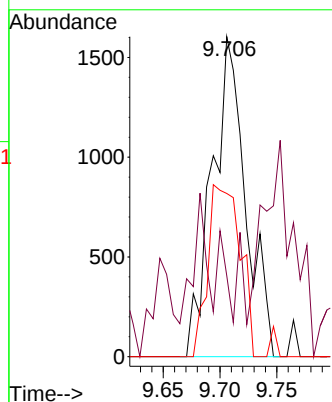
MSVOA_N

ClientSampleId :

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Tgt Ion:	88	Resp:	3301
Ion	Ratio	Lower	Upper
88	100		
43	7.4	17.0	25.6#
58	51.8	47.0	70.4



#50

Toluene-d8

Concen: 46.586 ug/l

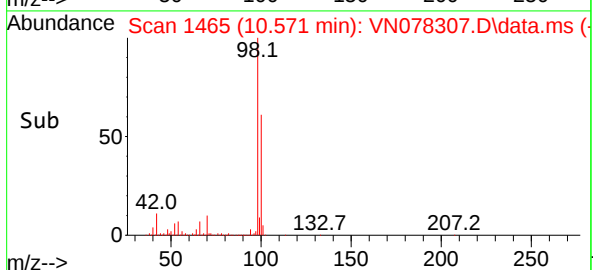
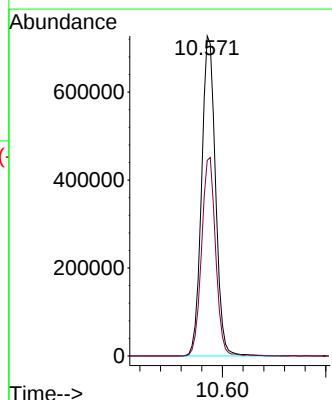
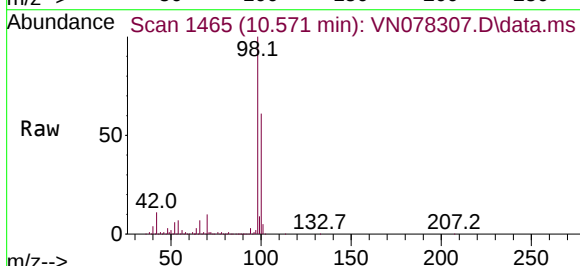
RT: 10.571 min Scan# 1465

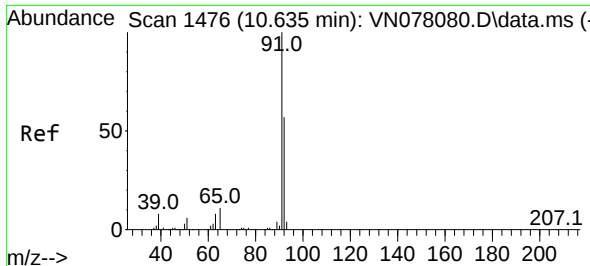
Delta R.T. -0.000 min

Lab File: VN078307.D

Acq: 20 Jun 2023 14:12

Tgt Ion:	98	Resp:	1359528
Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.0	78.0

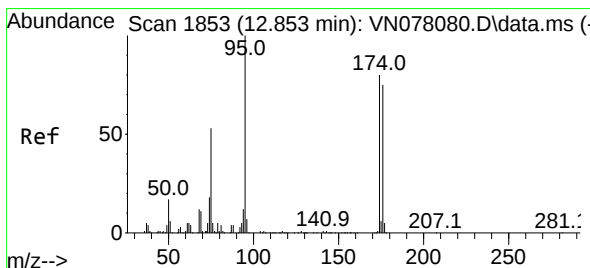
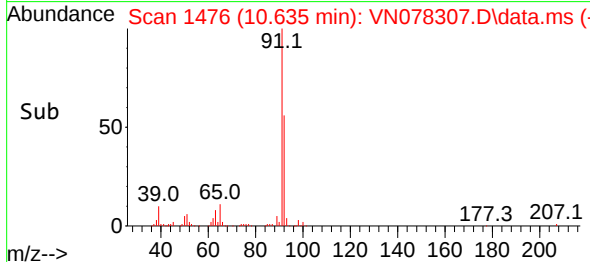
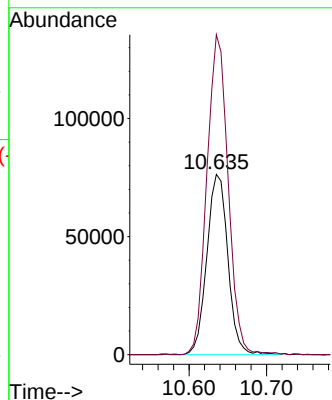
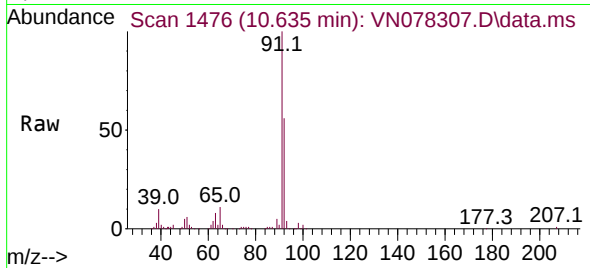




#52
Toluene
Concen: 7.029 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

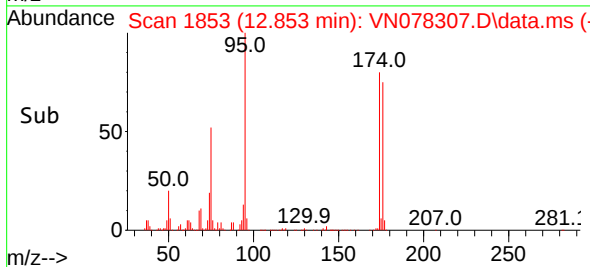
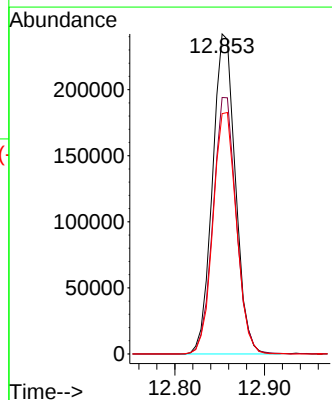
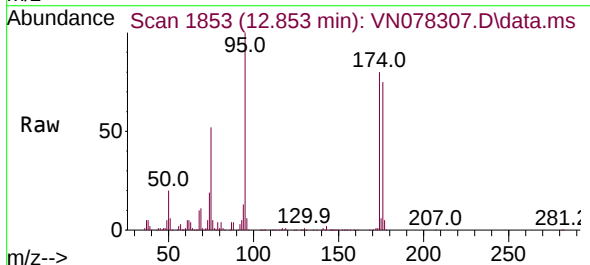
Instrument :
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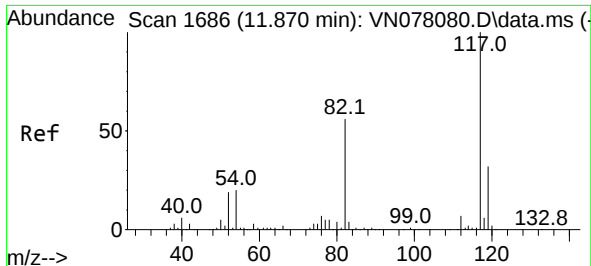
Tgt Ion: 92 Resp: 143858
Ion Ratio Lower Upper
92 100
91 179.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

Tgt Ion: 95 Resp: 428986
Ion Ratio Lower Upper
95 100
174 80.9 0.0 143.8
176 77.1 0.0 135.8

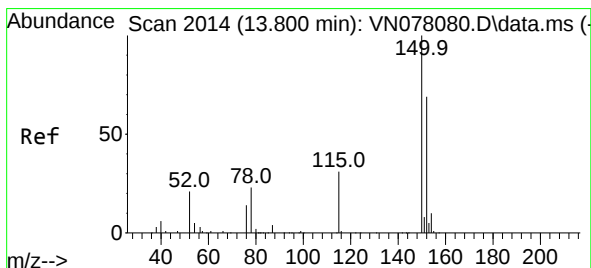
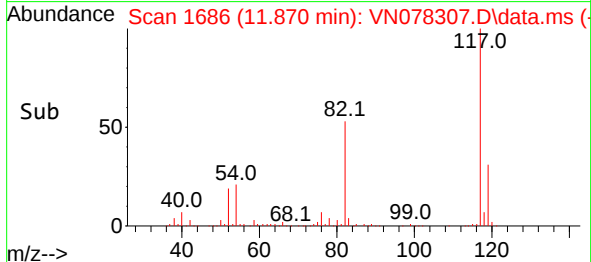
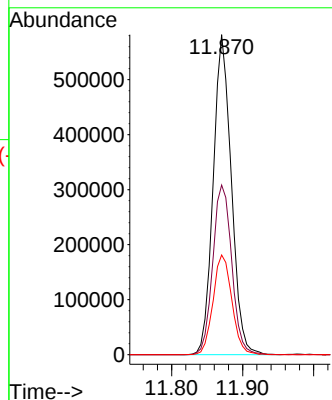
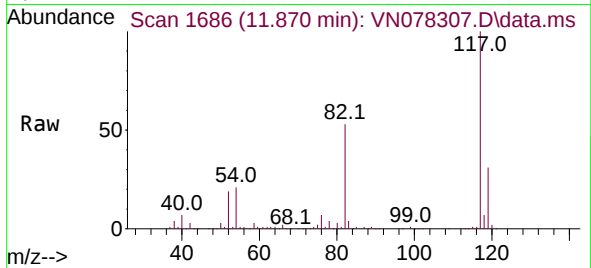




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-05-248-268-061923DL

Tgt Ion:117 Resp: 1030557
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078307.D
Acq: 20 Jun 2023 14:12

Tgt Ion:152 Resp: 320847
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 156.7 0.0 355.8

