

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072324.D
 Acq On : 04 May 2022 13:37
 Operator : JC\MD
 Sample : N2680-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B3-GW

Quant Time: May 05 02:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

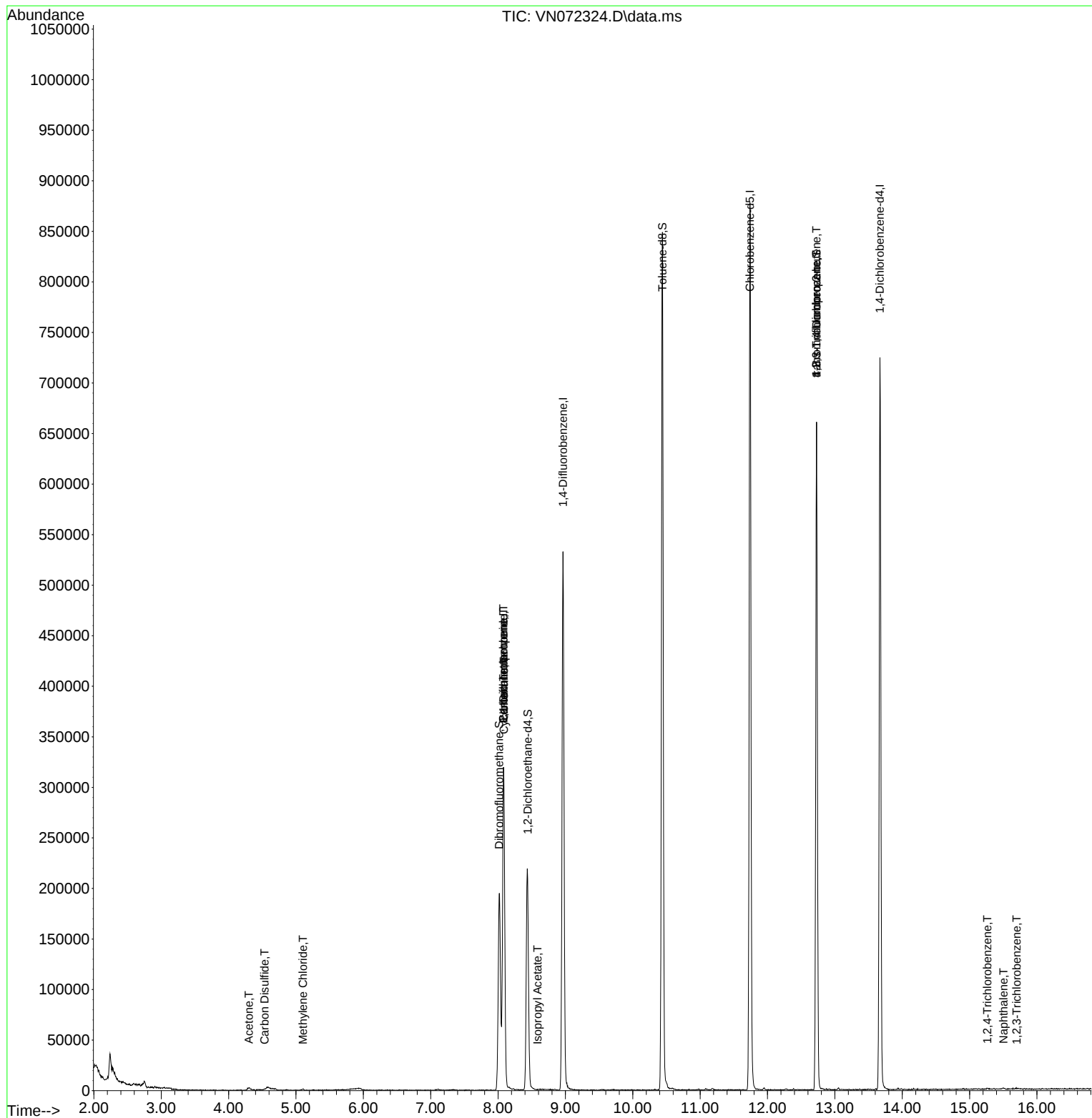
Internal Standards						
1) Pentafluorobenzene	8.081	168	227578	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	451189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	494050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	190705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	186140	53.277	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 106.560%		
35) Dibromofluoromethane	8.016	113	144909	50.179	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.360%		
50) Toluene-d8	10.439	98	577464	50.889	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	12.727	95	221443	58.793	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 117.580%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	1717	Below Cal	#	69
5) Bromomethane	2.852	94	76	Below Cal	#	77
6) Chloroethane	2.999	64	497	Below Cal	#	42
16) Acetone	4.298	43	3634	2.412	ug/l	# 84
17) Carbon Disulfide	4.534	76	662	0.492	ug/l	# 75
20) Methylene Chloride	5.104	84	611	0.212	ug/l	# 61
31) Cyclohexane	8.086	56	5635	1.207	ug/l	# 24
36) 1,1-Dichloropropene	8.081	75	20426	4.859	ug/l	# 49
38) Carbon Tetrachloride	8.081	117	25423	5.647	ug/l	# 16
43) Isopropyl Acetate	8.586	43	91	0.811	ug/l	# 53
76) 1,2,3-Trichloropropane	12.727	75	120895	28.222	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	120895	73.300	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.262	180	263	2.505	ug/l	# 31
95) Naphthalene	15.504	128	1943	4.479	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.698	180	229	2.748	ug/l	# 10

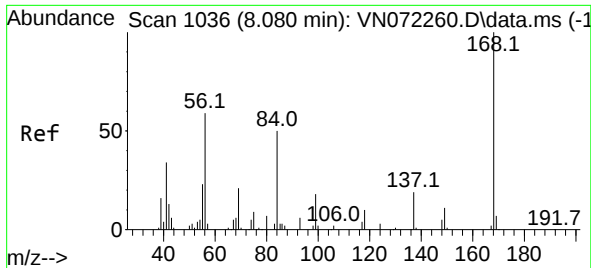
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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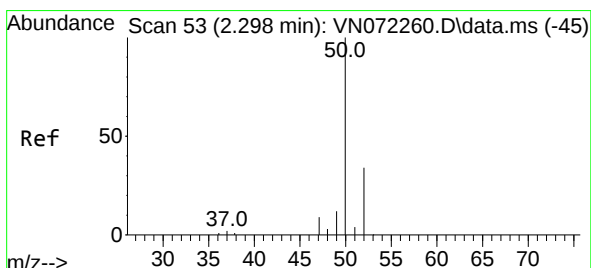
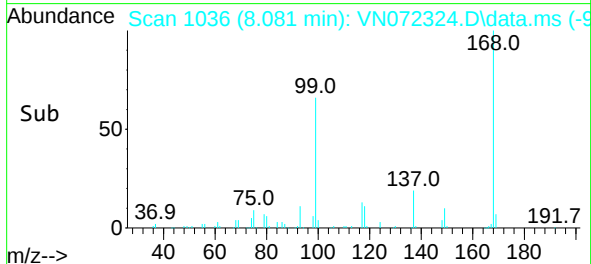
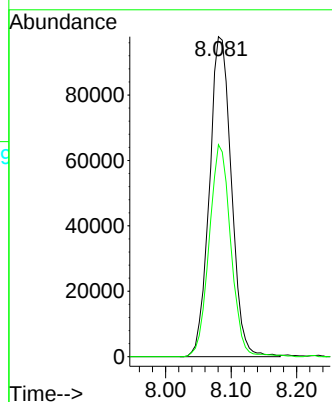
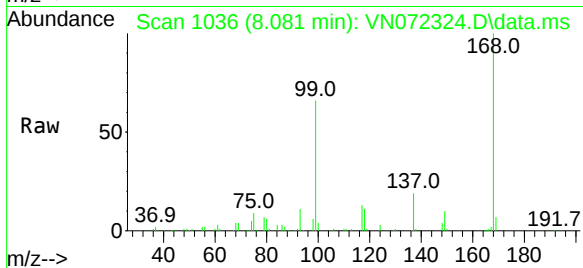




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

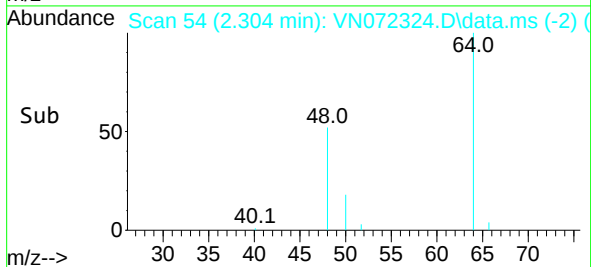
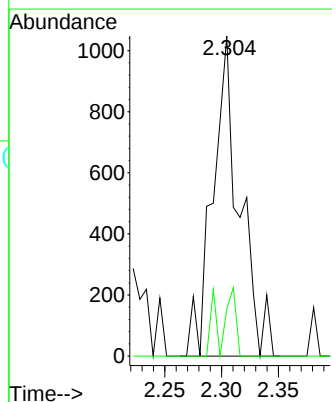
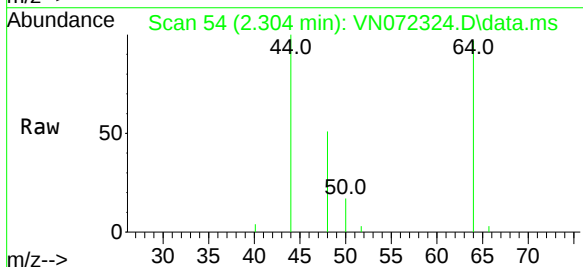
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

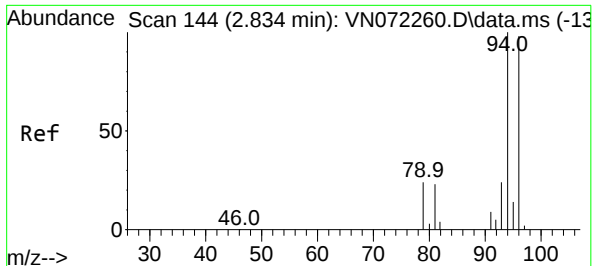
Tgt Ion:168 Resp: 227578
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion: 50 Resp: 1717
Ion Ratio Lower Upper
50 100
52 14.7 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.852 min Scan# 14

Delta R.T. 0.018 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

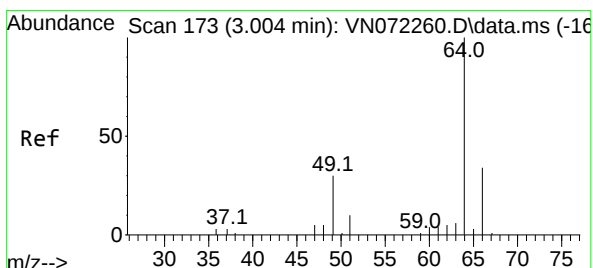
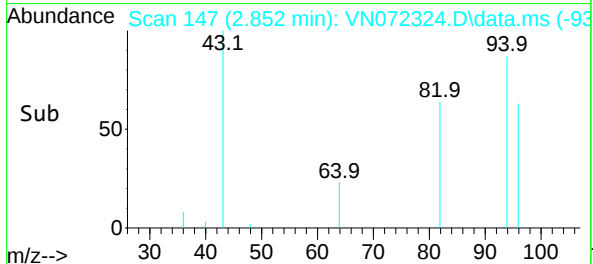
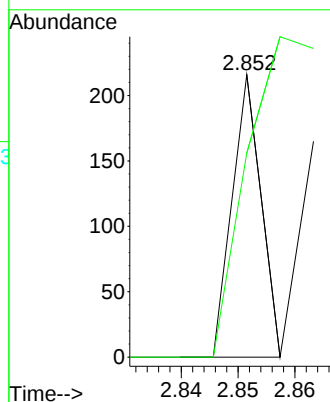
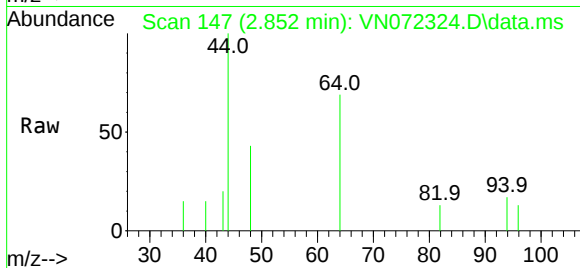
B3-GW

Tgt Ion: 94 Resp: 76

Ion Ratio Lower Upper

94 100

96 72.2 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.999 min Scan# 172

Delta R.T. -0.006 min

Lab File: VN072324.D

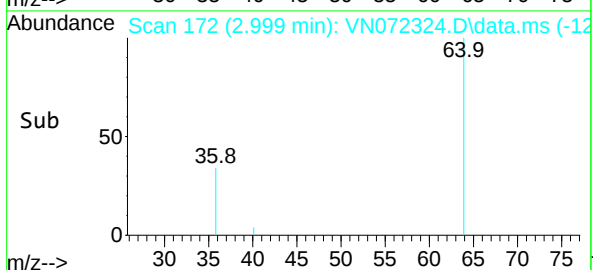
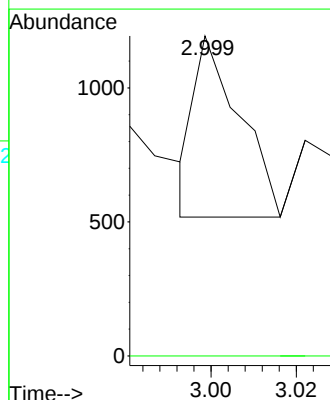
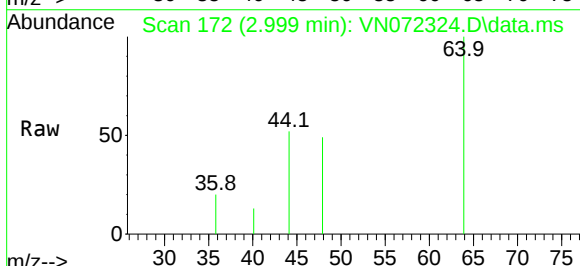
Acq: 04 May 2022 13:37

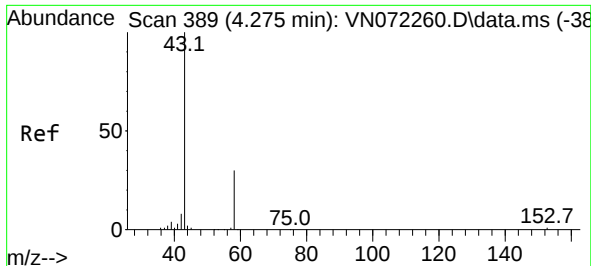
Tgt Ion: 64 Resp: 497

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

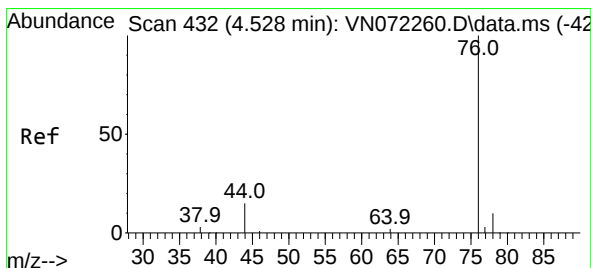
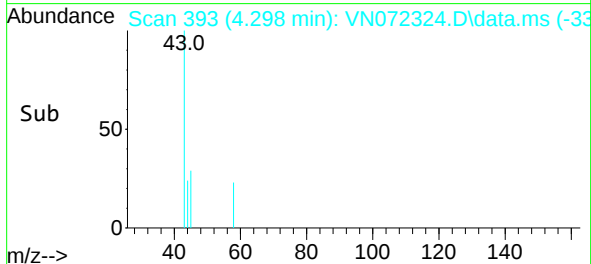
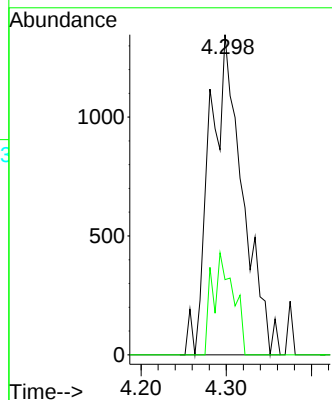
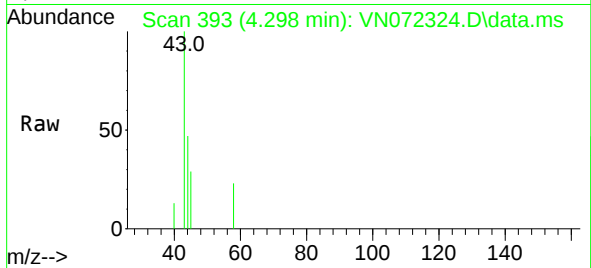




#16
Acetone
Concen: 2.412 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

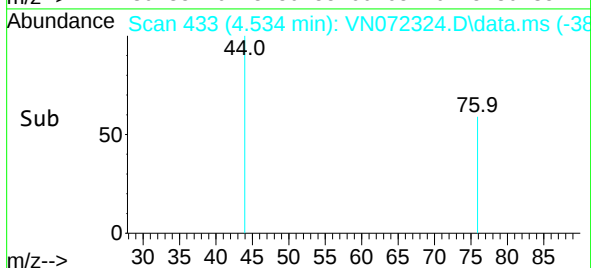
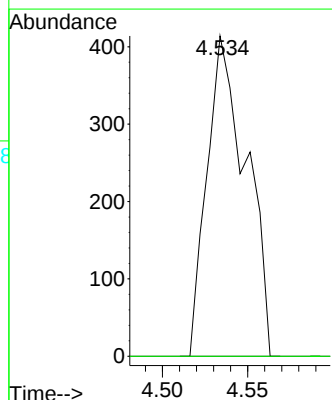
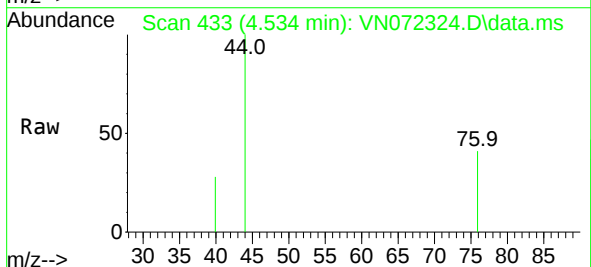
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

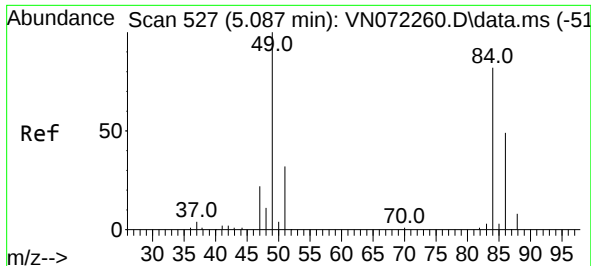
Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.492 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion: 76 Resp: 662
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

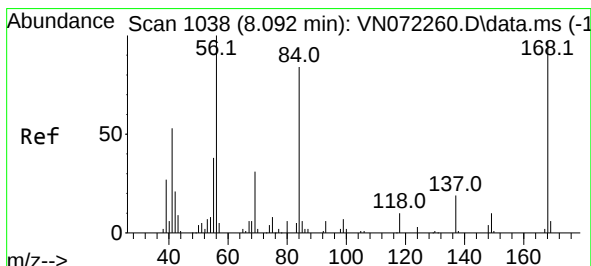
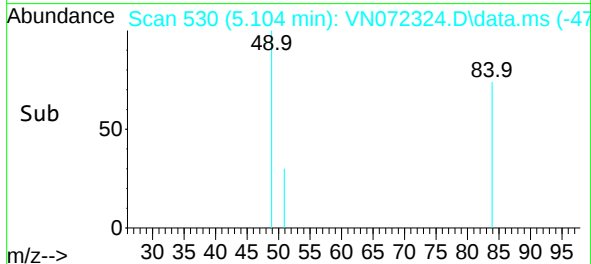
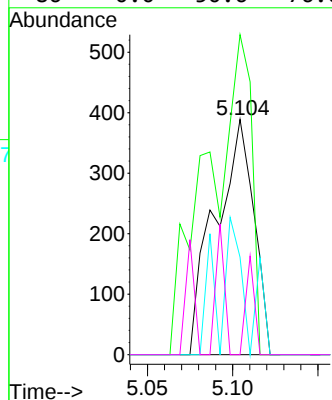
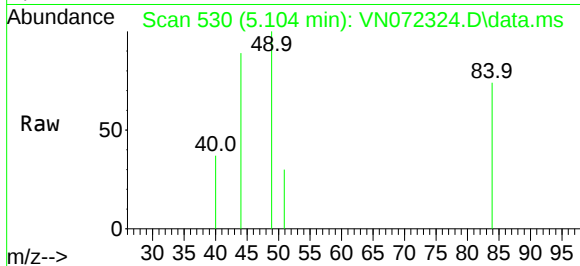




#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

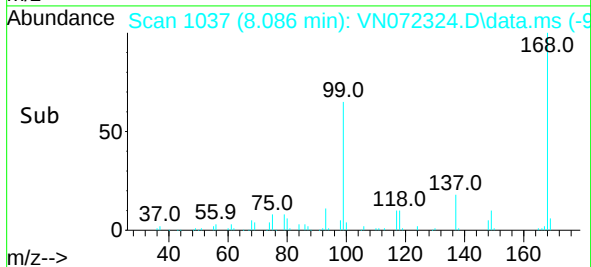
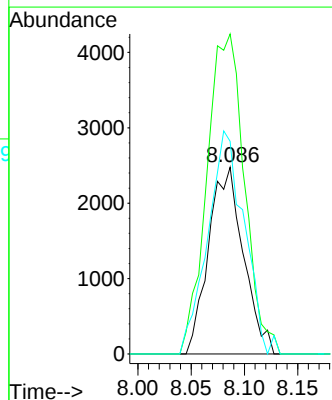
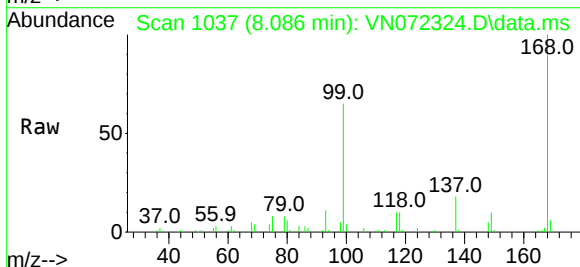
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

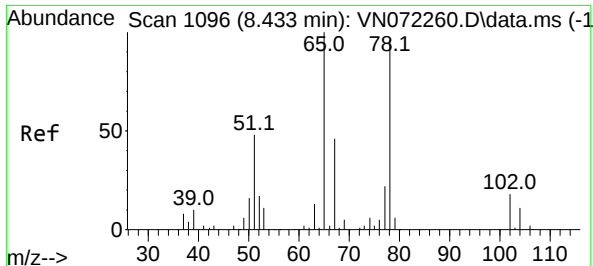
Tgt Ion:	84	Resp:	611
Ion	Ratio	Lower	Upper
84	100		
49	136.0	88.3	132.5#
51	41.4	28.2	42.2
86	0.0	50.6	76.0#



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion:	56	Resp:	5635
Ion	Ratio	Lower	Upper
56	100		
69	171.4	27.8	41.8#
84	113.8	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 53.277 ug/l

RT: 8.439 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

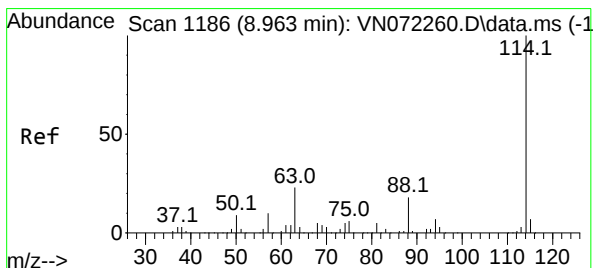
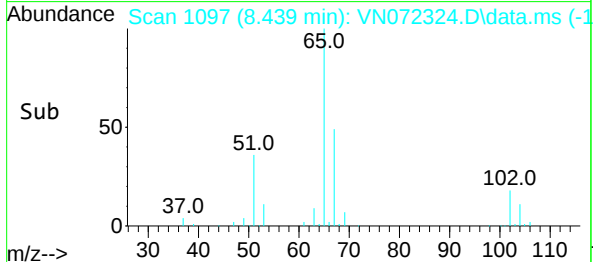
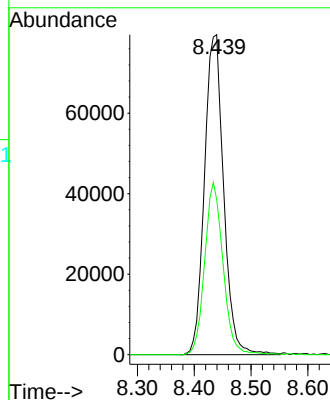
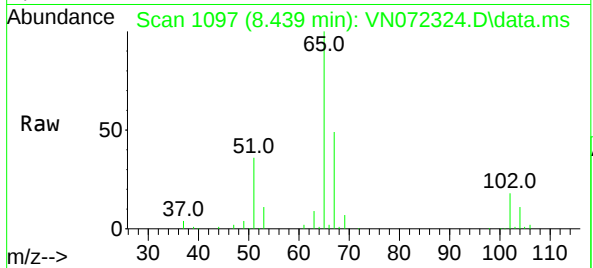
B3-GW

Tgt Ion: 65 Resp: 186140

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

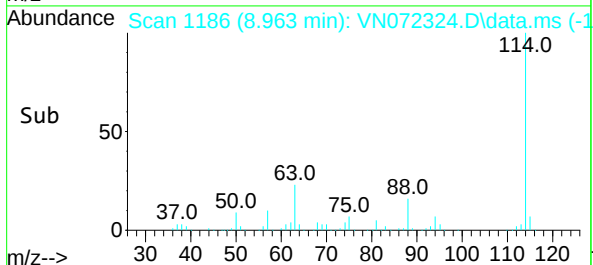
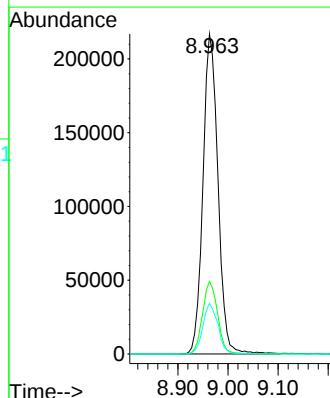
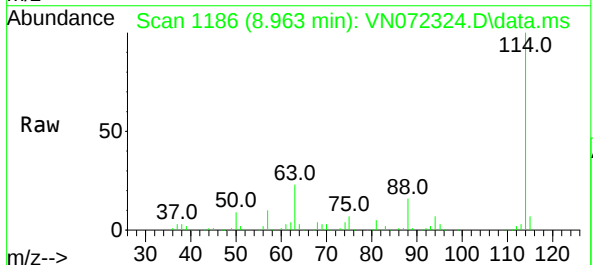
Tgt Ion: 114 Resp: 451189

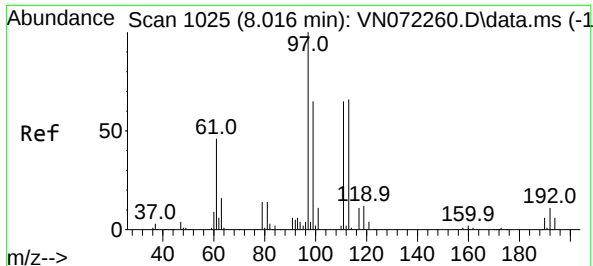
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.179 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

B3-GW

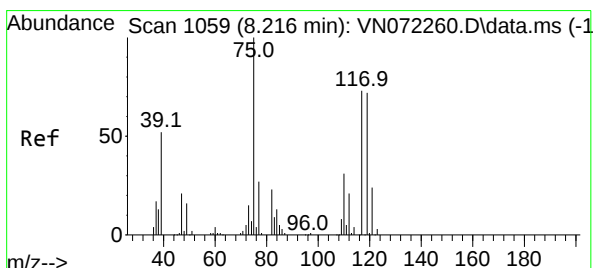
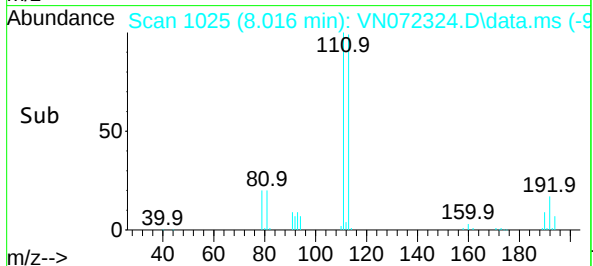
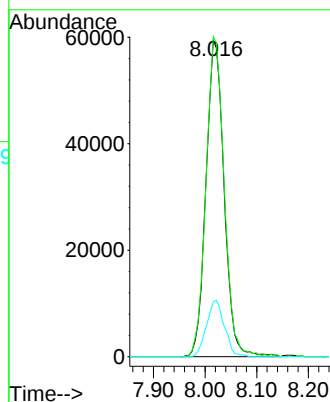
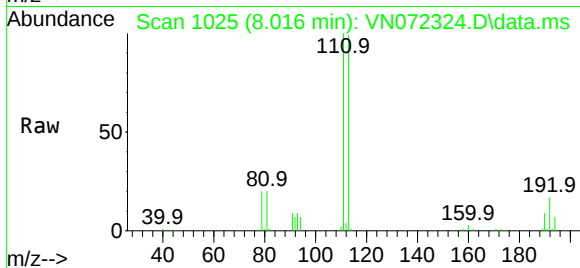
Tgt Ion:113 Resp: 144909

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 17.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.859 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

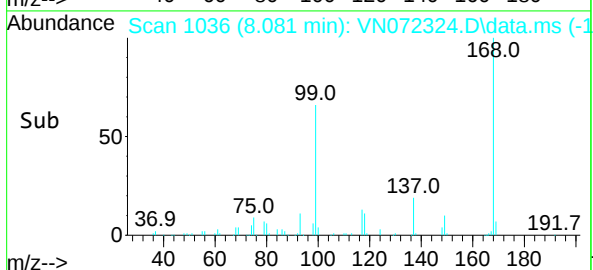
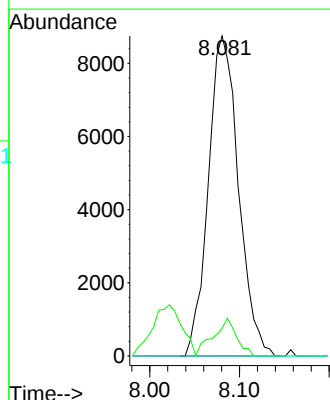
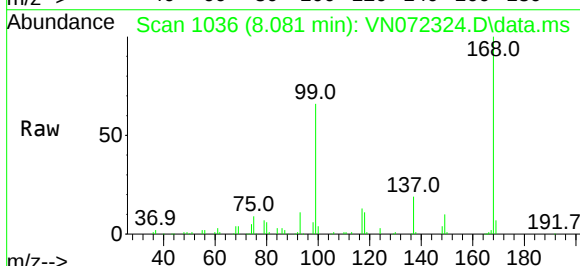
Tgt Ion: 75 Resp: 20426

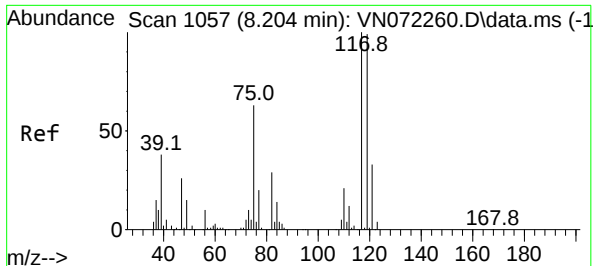
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#

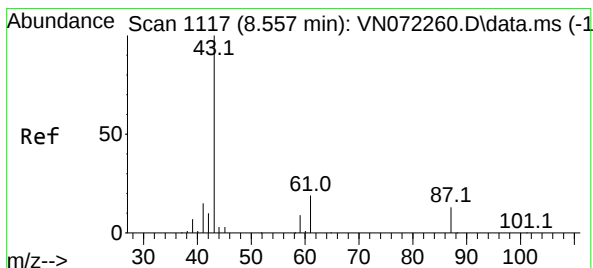
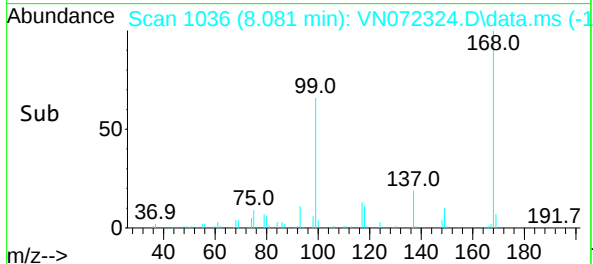
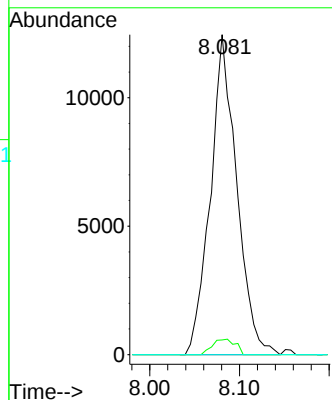
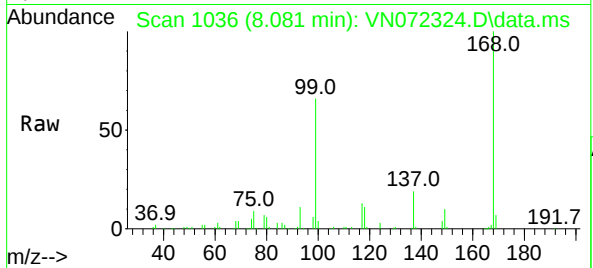




#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

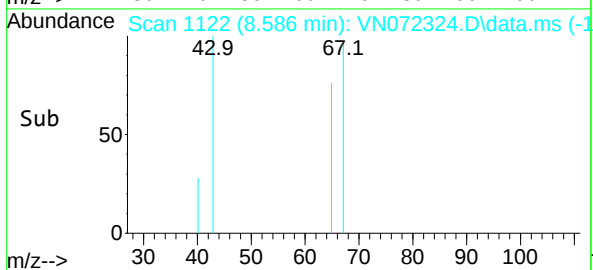
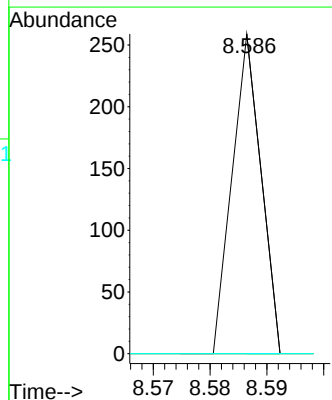
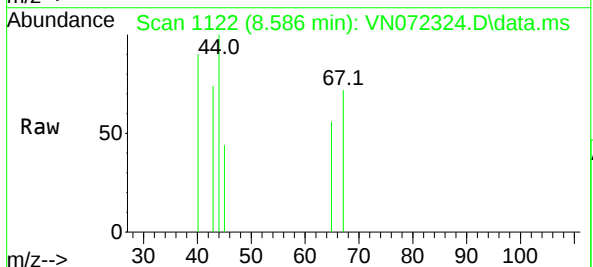
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

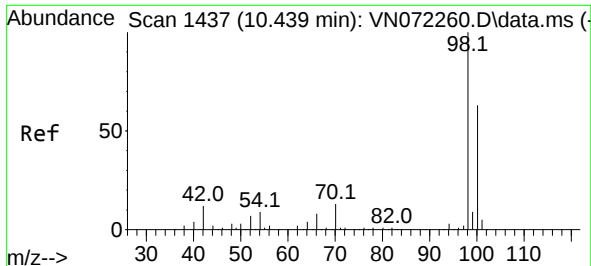
Tgt Ion: 117 Resp: 25423
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.811 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

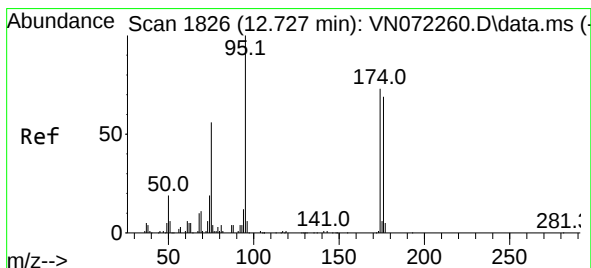
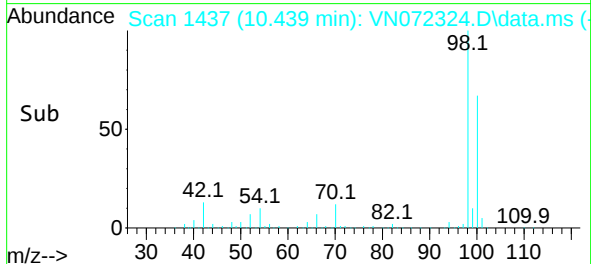
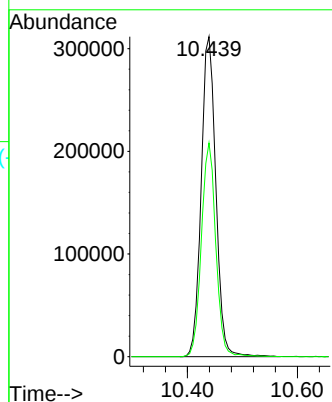
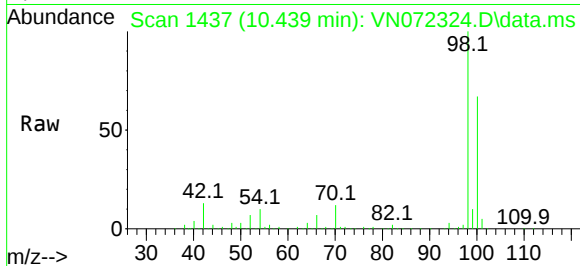




#50
Toluene-d8
Concen: 50.889 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

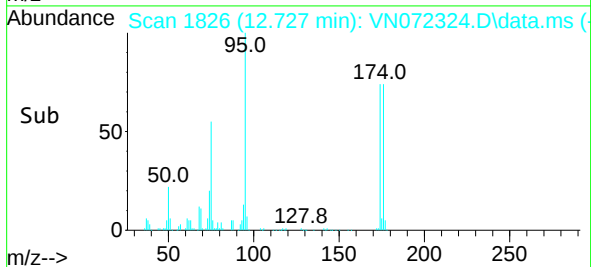
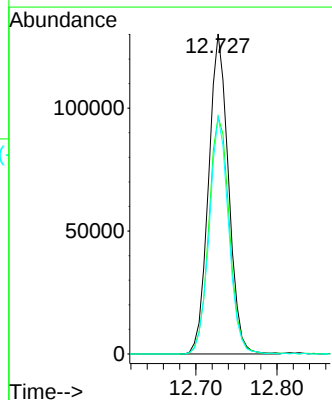
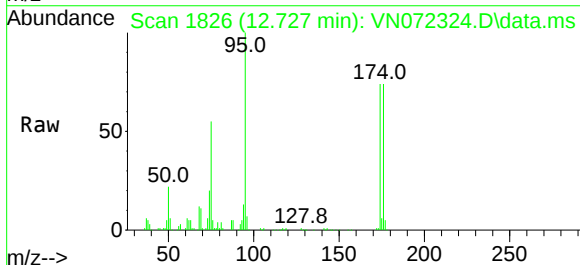
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

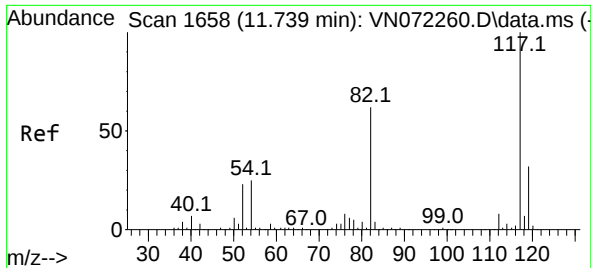
Tgt Ion: 98 Resp: 577464
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.793 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion: 95 Resp: 221443
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 72.3 0.0 163.4

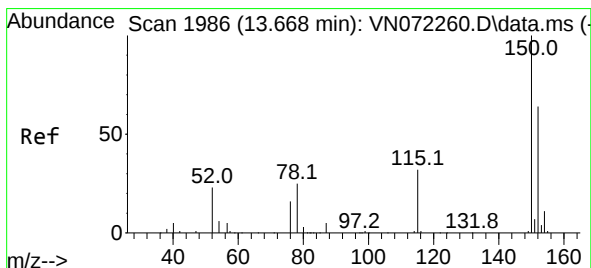
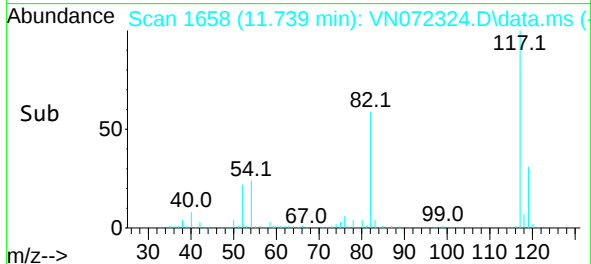
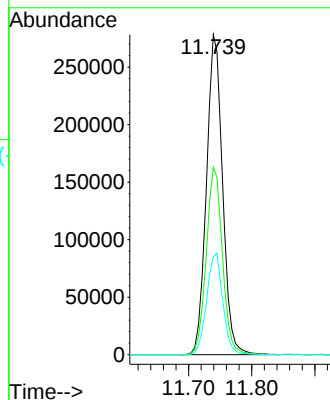
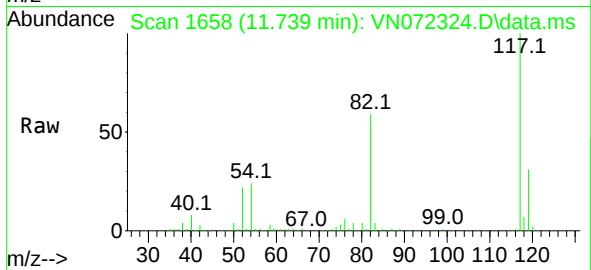




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

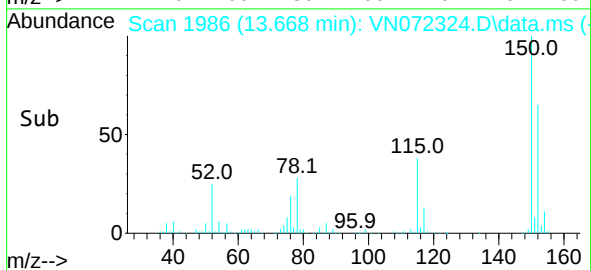
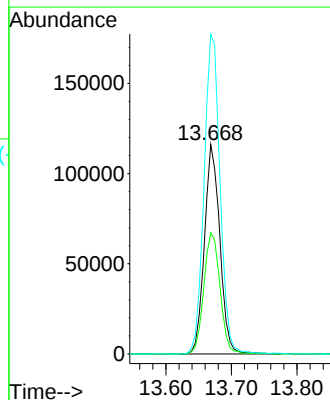
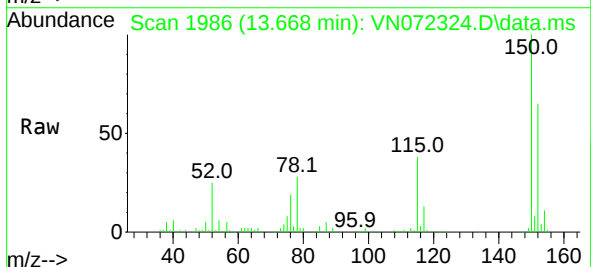
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

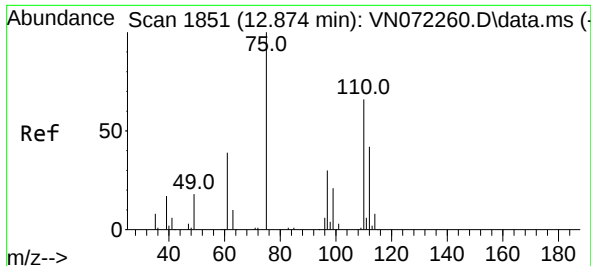
Tgt Ion:117 Resp: 494050
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion:152 Resp: 190705
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 157.9 0.0 356.2

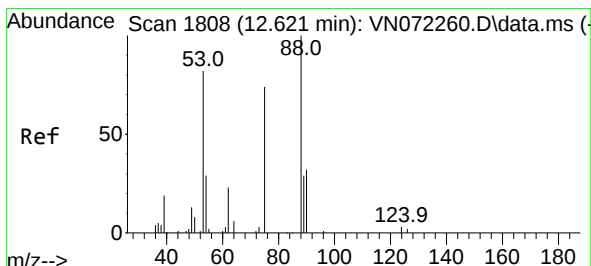
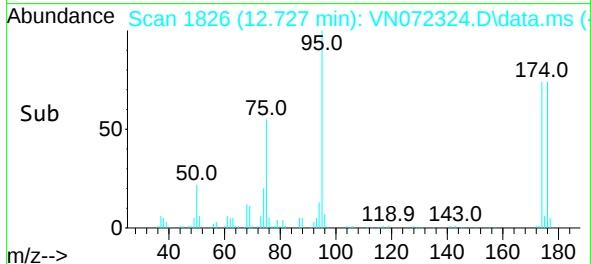
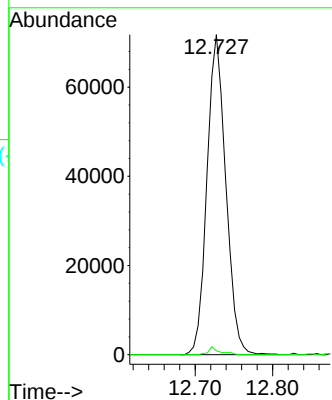
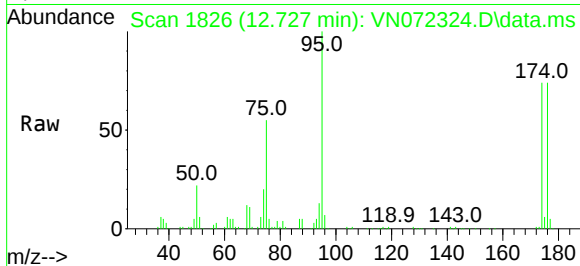




#76
1,2,3-Trichloropropane
Concen: 28.222 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

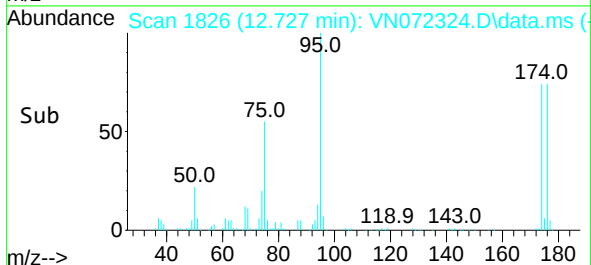
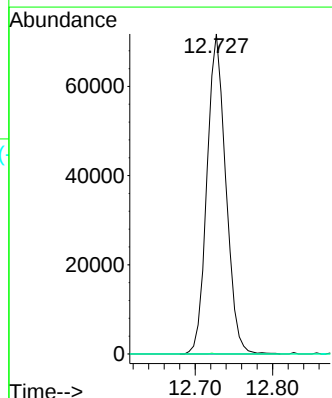
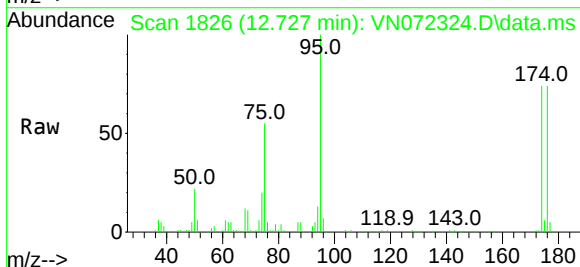
Instrument :
MSVOA_N
ClientSampleId :
B3-GW

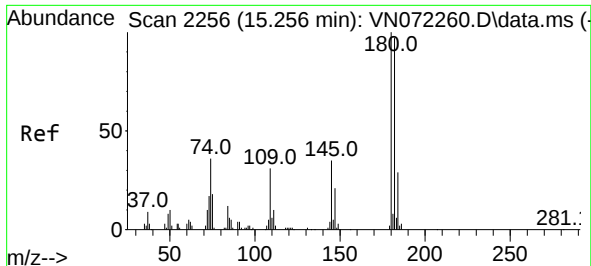
Tgt Ion: 75 Resp: 120895
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.300 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072324.D
Acq: 04 May 2022 13:37

Tgt Ion: 75 Resp: 120895
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.505 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

B3-GW

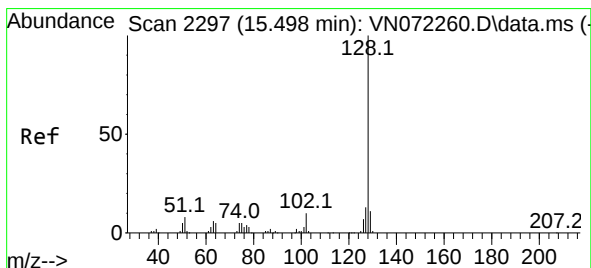
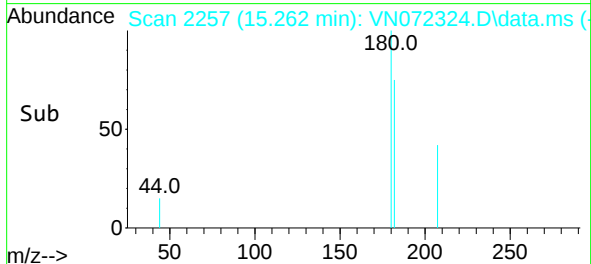
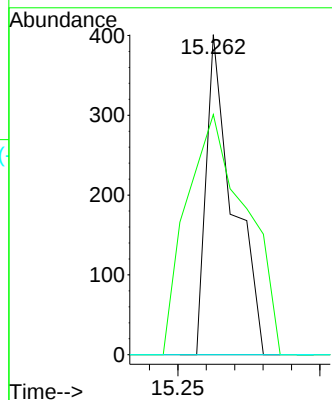
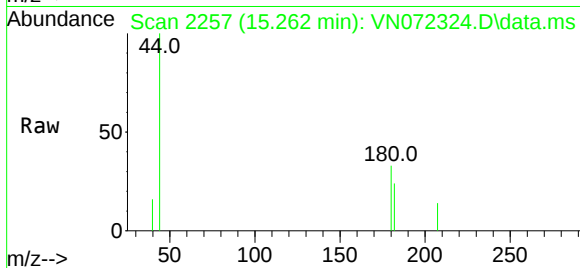
Tgt Ion:180 Resp: 263

Ion Ratio Lower Upper

180 100

182 166.9 47.5 142.5#

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 4.479 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072324.D

Acq: 04 May 2022 13:37

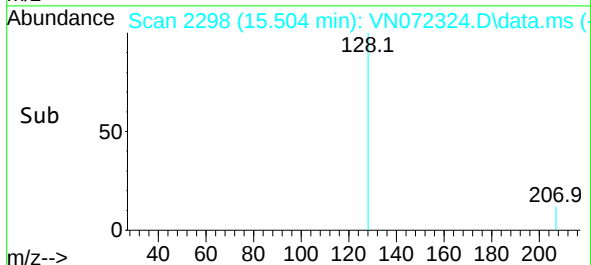
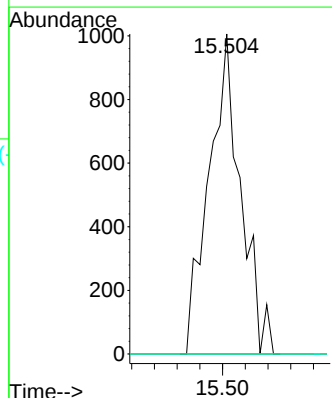
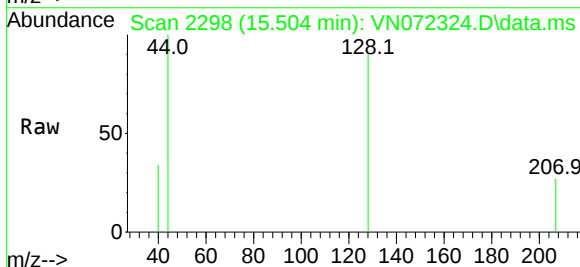
Tgt Ion:128 Resp: 1943

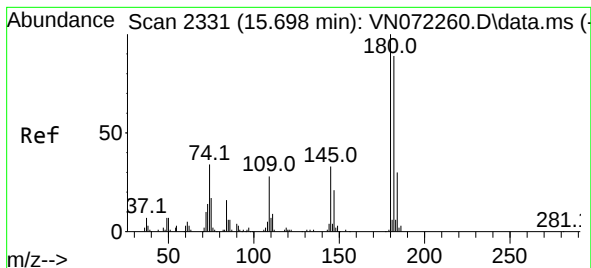
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 2.748 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072324.D

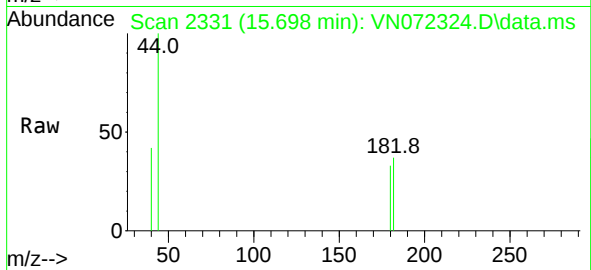
Acq: 04 May 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

B3-GW



Tgt Ion:180 Resp: 229

Ion Ratio Lower Upper

180 100

182 194.3 47.8 143.3#

145 0.0 15.5 46.5#

