

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070981.D
 Acq On : 17 Feb 2022 15:54
 Operator : JC\MD
 Sample : N1581-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215

Quant Time: Feb 18 00:46:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

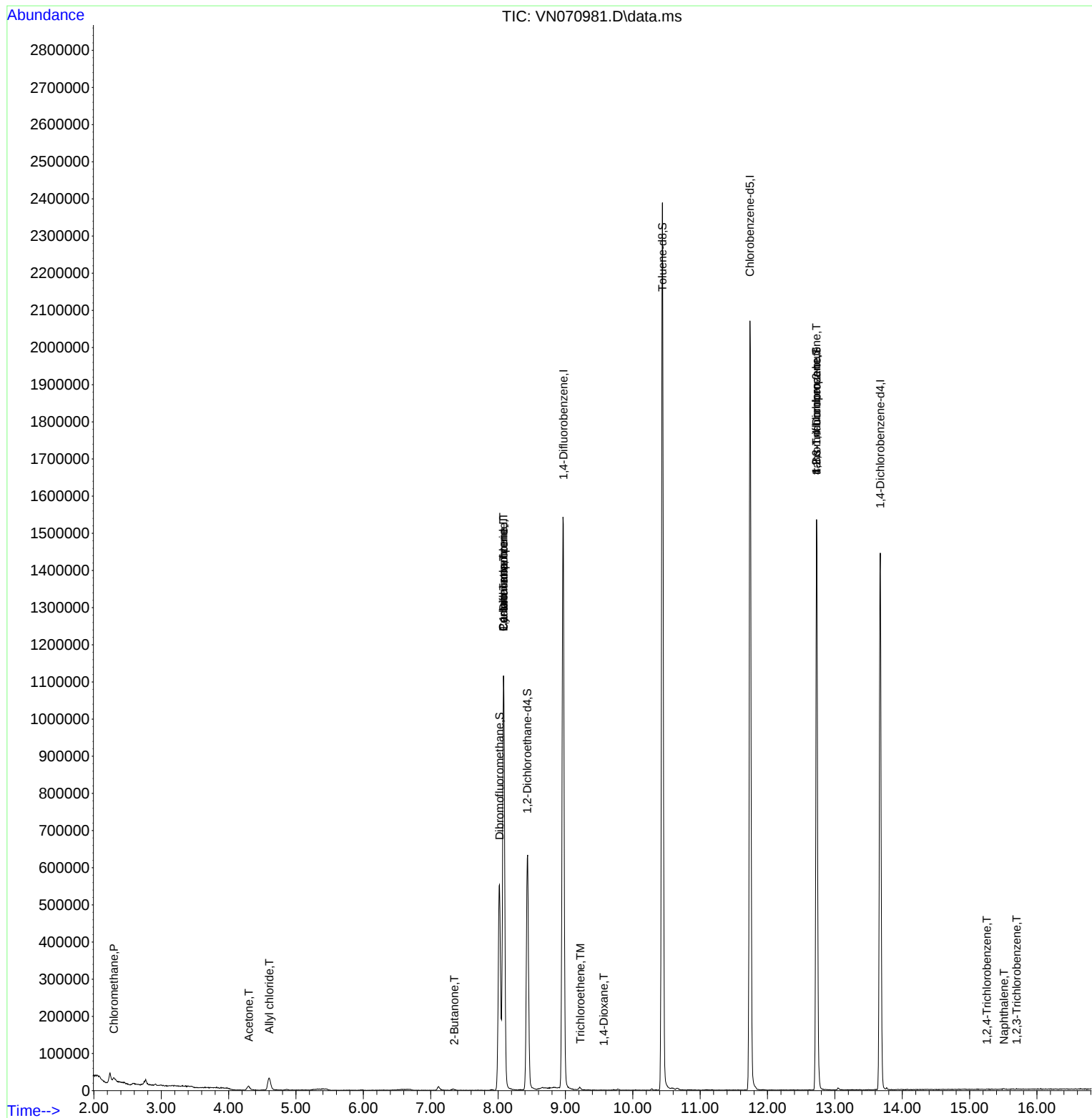
Internal Standards						
1) Pentafluorobenzene	8.080	168	882198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1387490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1239490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	427004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	514232	51.028	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.060%	
35) Dibromofluoromethane	8.022	113	409530	49.623	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.240%	
50) Toluene-d8	10.439	98	1662533	50.163	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.727	95	545175	46.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	3087	0.268	ug/l #	86
14) Allyl chloride	4.604	41	6428	0.390	ug/l #	82
16) Acetone	4.298	43	14585	2.628	ug/l	95
18) Methyl Acetate	4.851	43	4146	Below Cal		97
25) 2-Butanone	7.351	43	3024	0.410	ug/l	92
31) Cyclohexane	8.080	56	16704	0.958	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	65410	4.838	ug/l #	50
38) Carbon Tetrachloride	8.080	117	83884	6.297	ug/l #	17
44) Trichloroethene	9.222	130	2424	0.230	ug/l	85
49) 1,4-Dioxane	9.569	88	176	0.916	ug/l #	7
76) 1,2,3-Trichloropropane	12.727	75	273419	27.195	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	273419	88.126	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.256	180	314	2.037	ug/l #	20
95) Naphthalene	15.509	128	2367	5.101	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.698	180	538	2.586	ug/l #	74

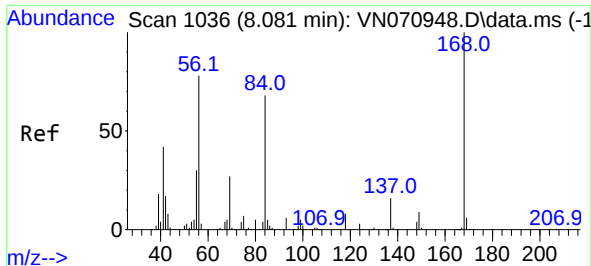
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
Data File : VN070981.D
Acq On : 17 Feb 2022 15:54
Operator : JC\MD
Sample : N1581-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

Quant Time: Feb 18 00:46:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

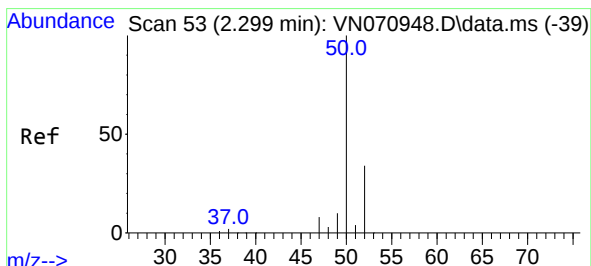
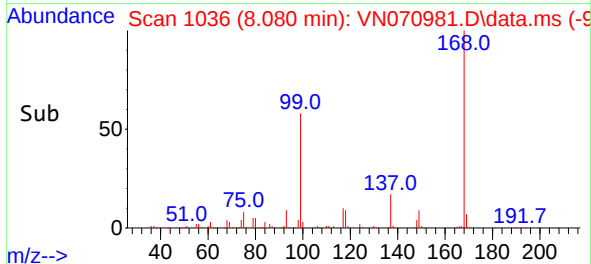
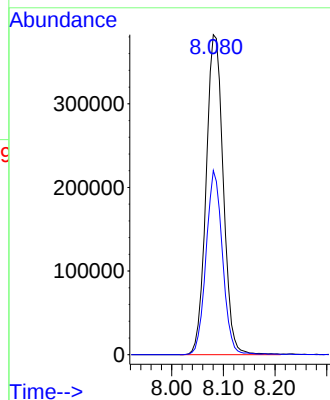
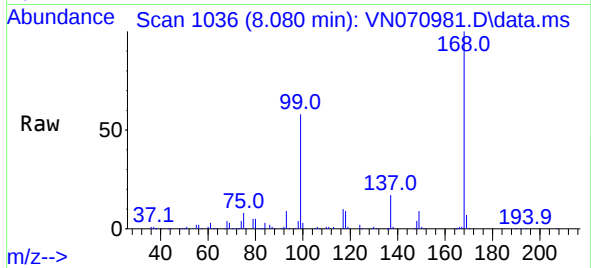




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

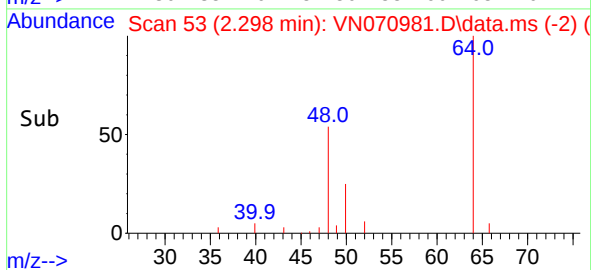
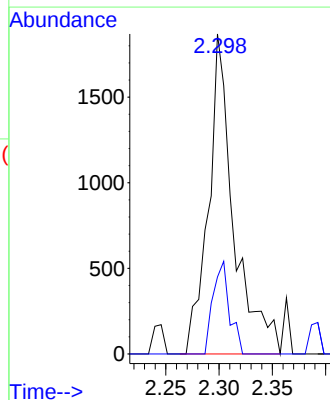
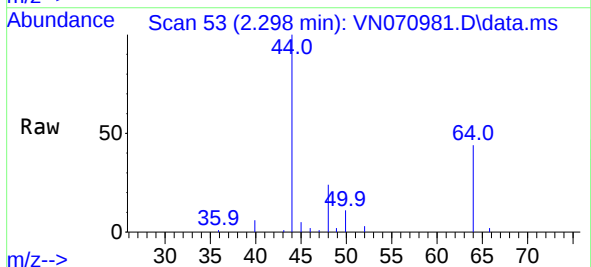
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

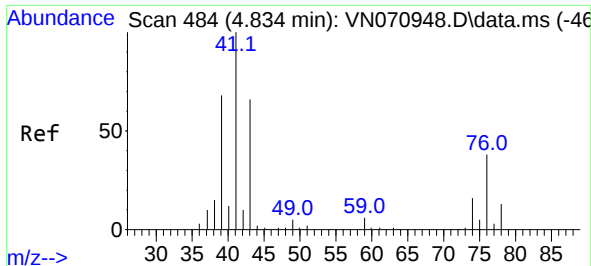
Tgt Ion:168 Resp: 882198
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion: 50 Resp: 3087
Ion Ratio Lower Upper
50 100
52 24.1 25.4 38.0#

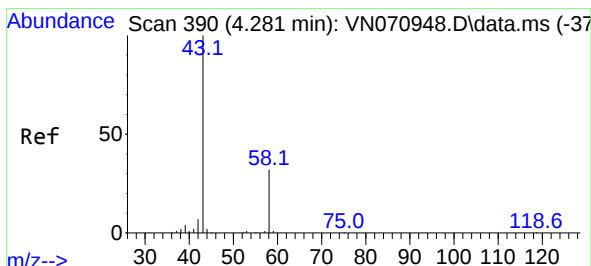
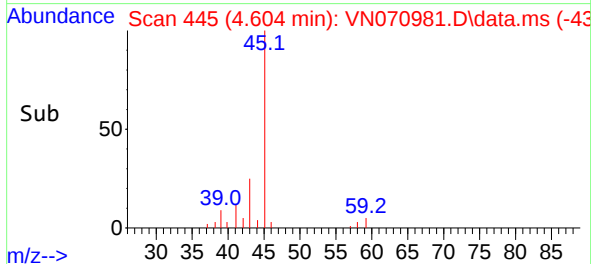
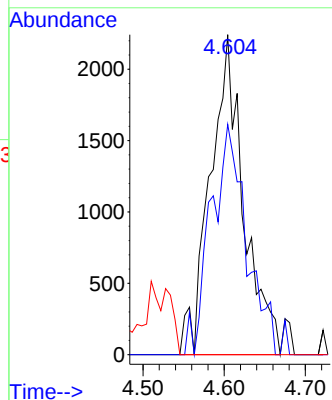
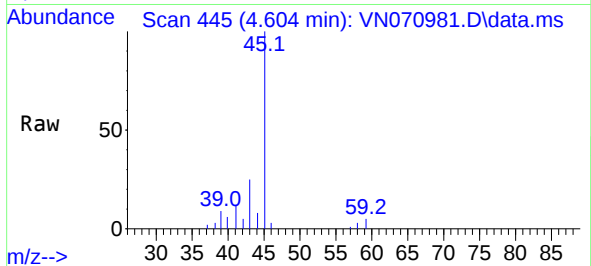




#14
 Allyl chloride
 Concen: 0.390 ug/l
 RT: 4.604 min Scan# 445
 Delta R.T. -0.229 min
 Lab File: VN070981.D
 Acq: 17 Feb 2022 15:54

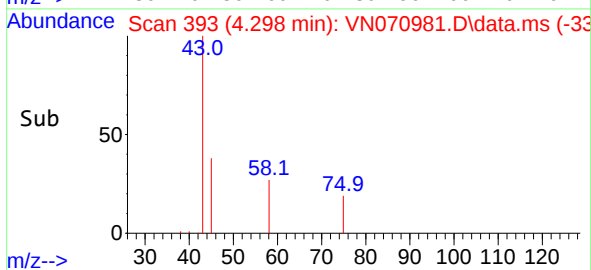
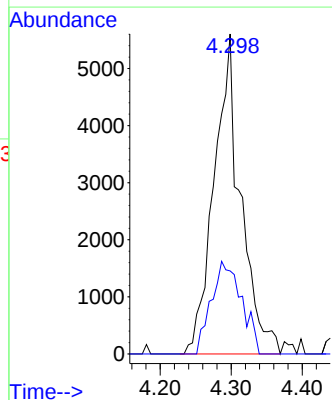
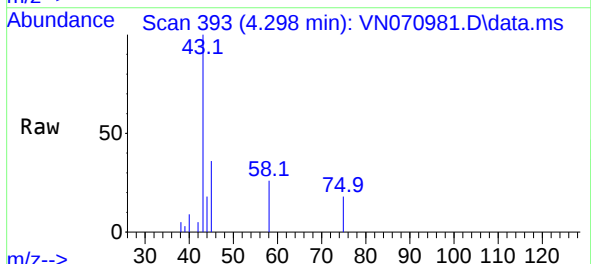
Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215

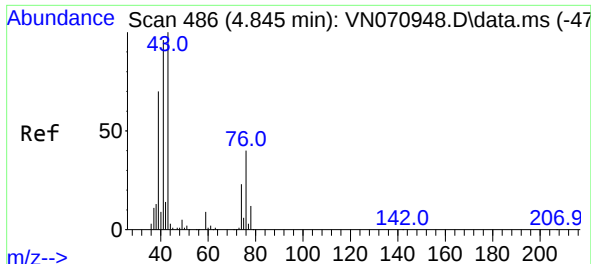
Tgt Ion: 41 Resp: 6428
 Ion Ratio Lower Upper
 41 100
 39 76.2 61.2 91.8
 76 0.0 26.0 39.0#



#16
 Acetone
 Concen: 2.628 ug/l
 RT: 4.298 min Scan# 393
 Delta R.T. 0.018 min
 Lab File: VN070981.D
 Acq: 17 Feb 2022 15:54

Tgt Ion: 43 Resp: 14585
 Ion Ratio Lower Upper
 43 100
 58 26.0 23.1 34.7

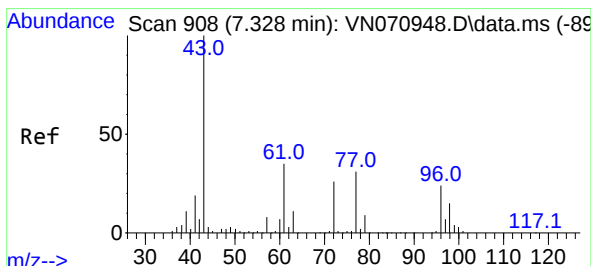
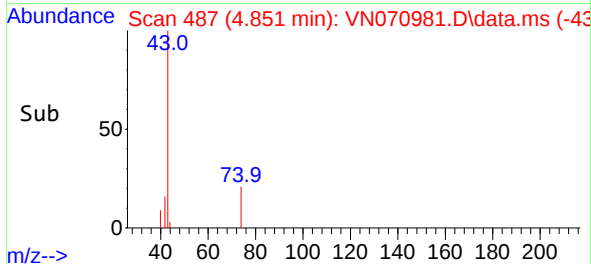
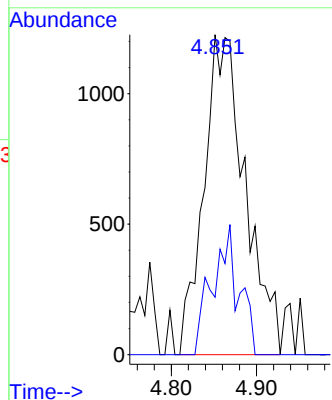
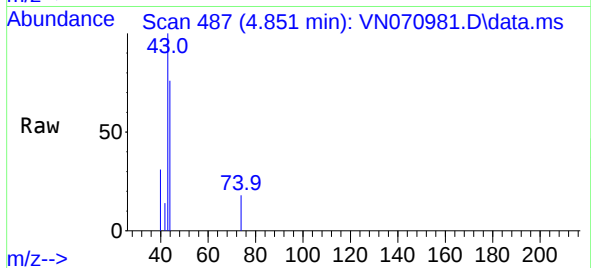




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

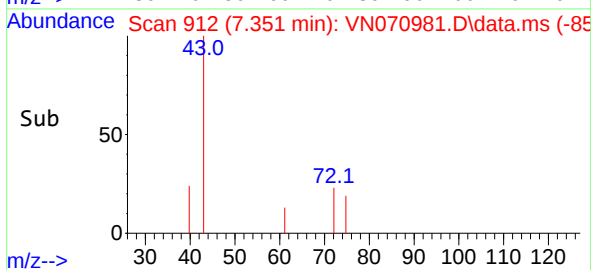
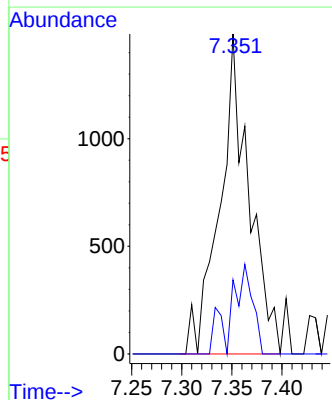
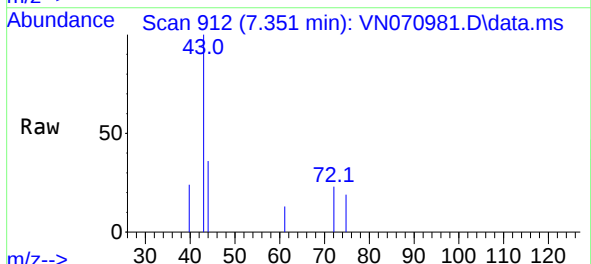
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

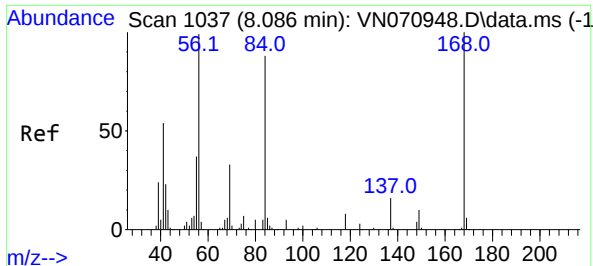
Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.2



#25
2-Butanone
Concen: 0.410 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion: 43 Resp: 3024
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

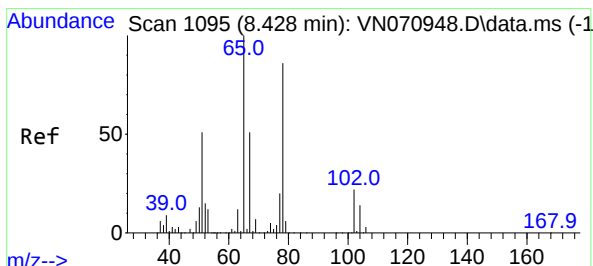
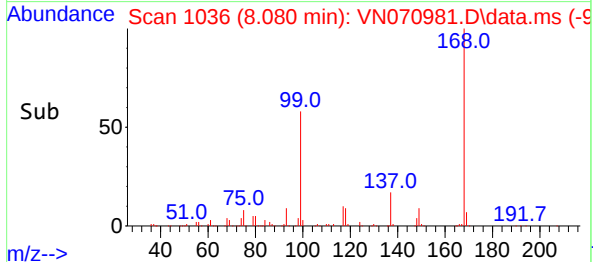
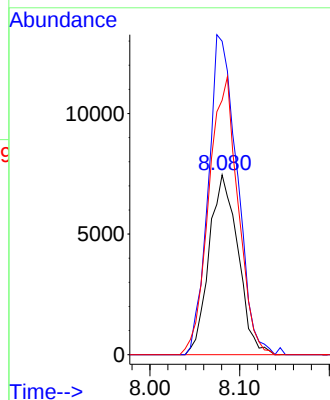
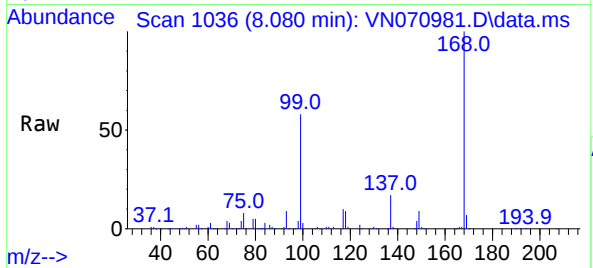




#31
Cyclohexane
Concen: 0.958 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

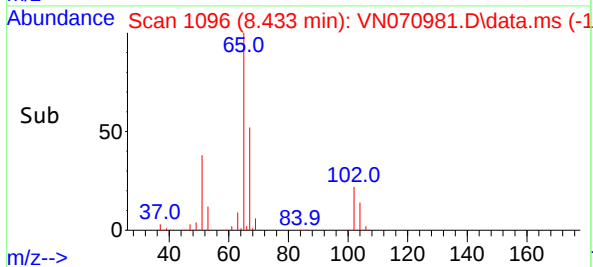
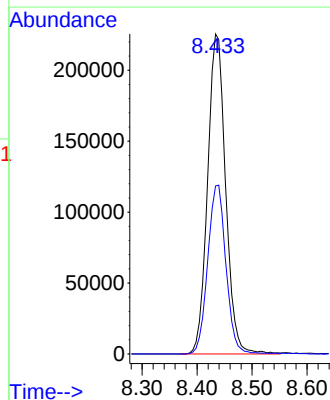
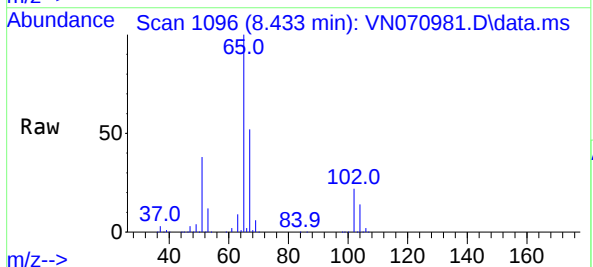
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

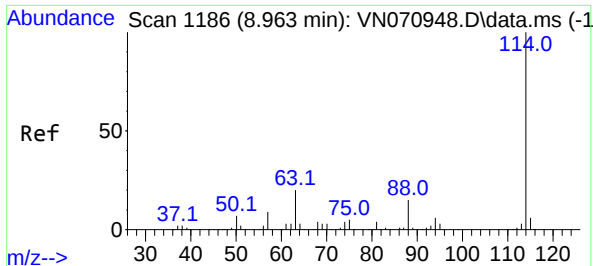
Tgt Ion: 56 Resp: 16704
Ion Ratio Lower Upper
56 100
69 174.3 27.1 40.7#
84 141.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.028 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion: 65 Resp: 514232
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

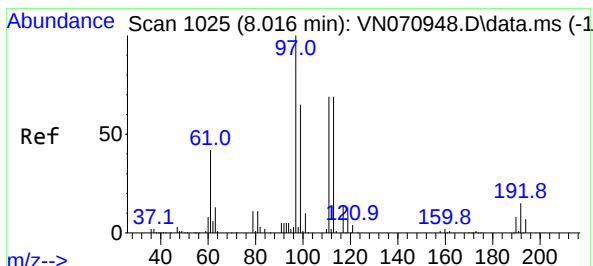
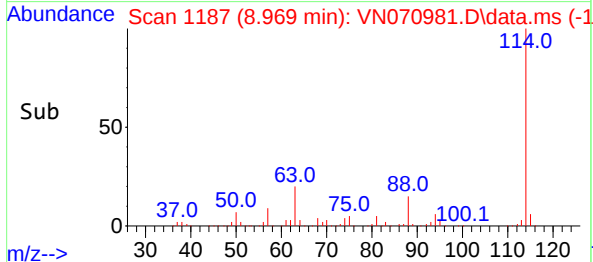
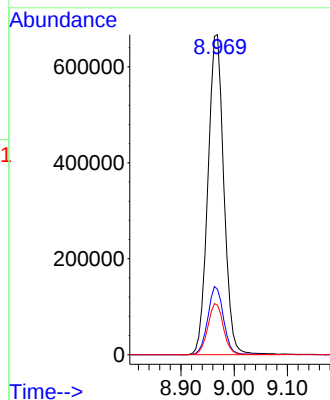
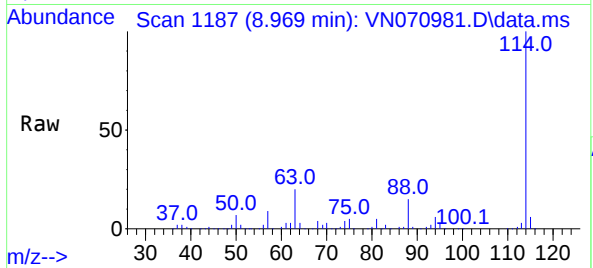




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

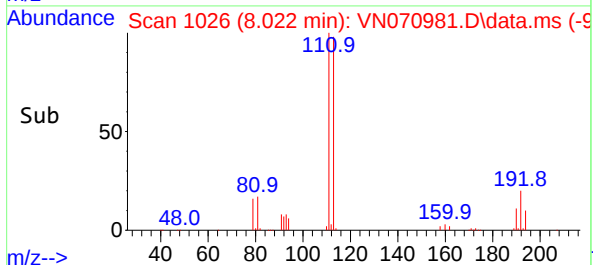
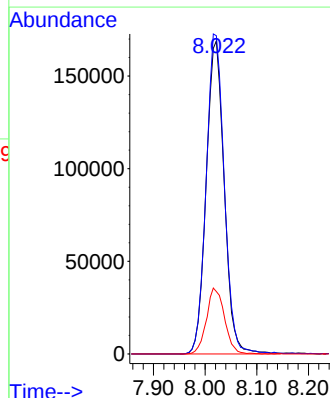
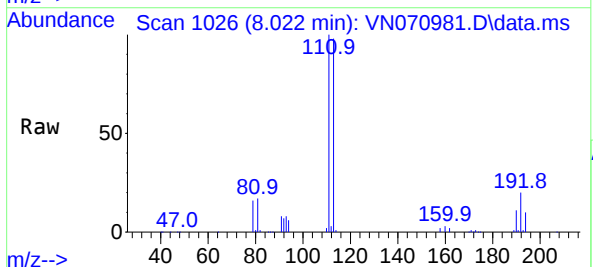
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

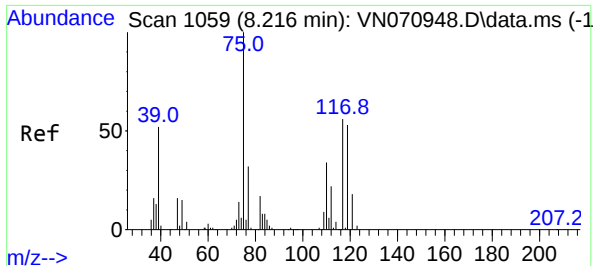
Tgt Ion:114 Resp: 1387490
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.8
88 15.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.623 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion:113 Resp: 409530
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.838 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN070981.D

Acq: 17 Feb 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

GR-OF-20220215

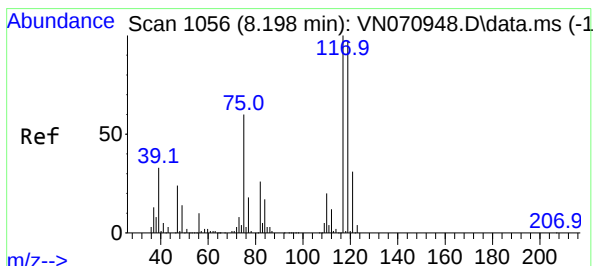
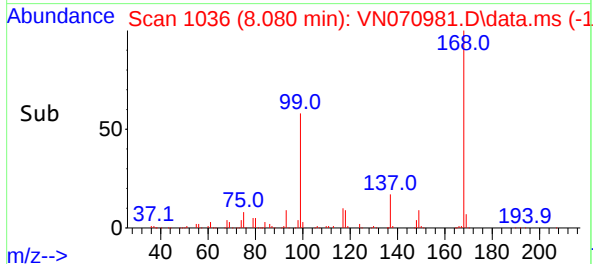
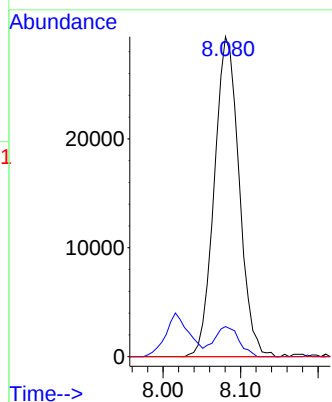
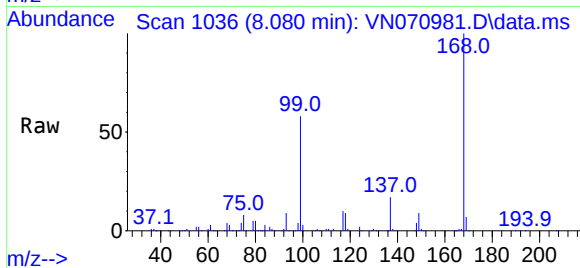
Tgt Ion: 75 Resp: 65410

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.297 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN070981.D

Acq: 17 Feb 2022 15:54

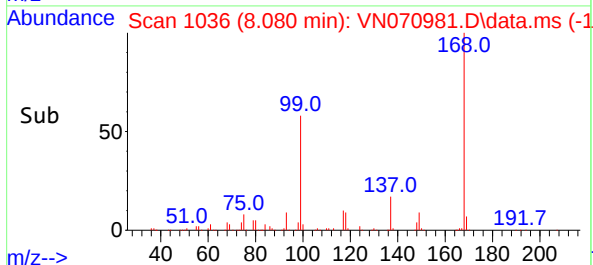
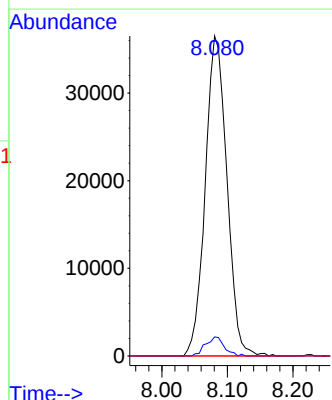
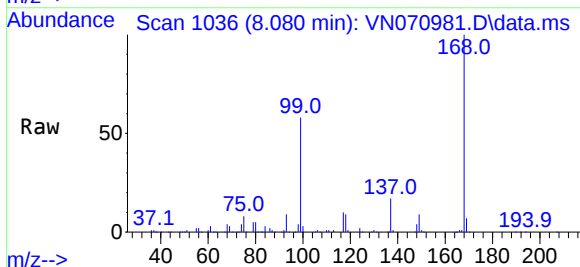
Tgt Ion: 117 Resp: 83884

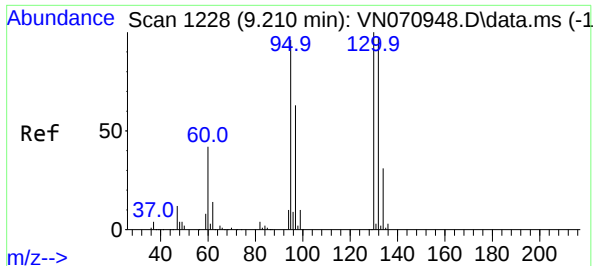
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.2 36.2#





#44

Trichloroethene

Concen: 0.230 ug/l

RT: 9.222 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VN070981.D

Acq: 17 Feb 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

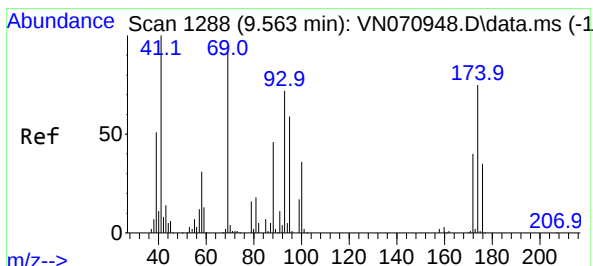
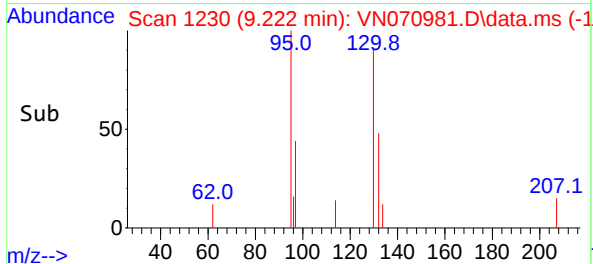
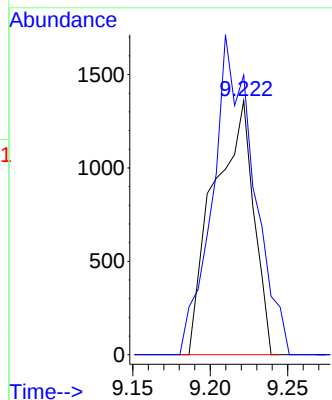
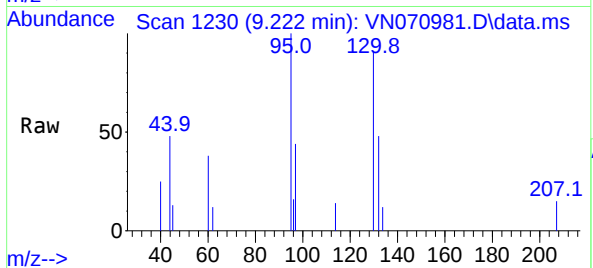
GR-OF-20220215

Tgt Ion:130 Resp: 2424

Ion Ratio Lower Upper

130 100

95 110.1 0.0 191.2



#49

1,4-Dioxane

Concen: 0.916 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN070981.D

Acq: 17 Feb 2022 15:54

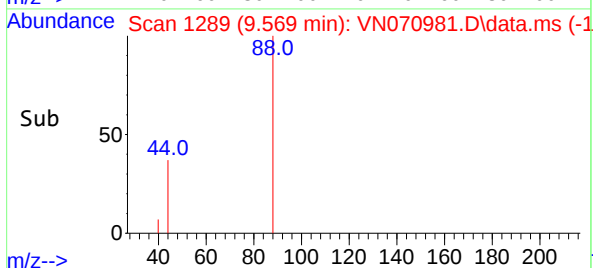
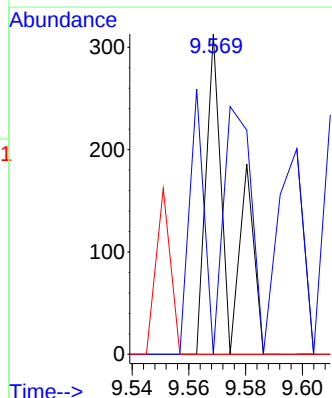
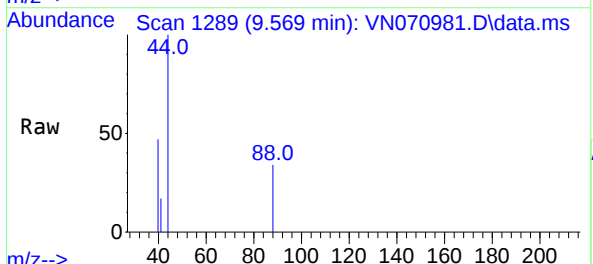
Tgt Ion: 88 Resp: 176

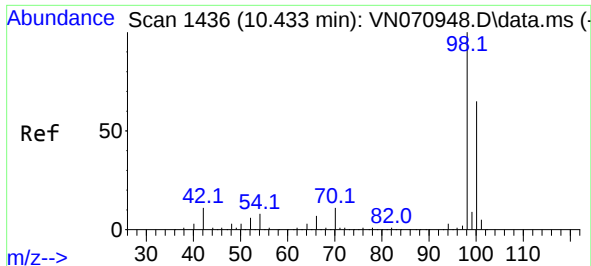
Ion Ratio Lower Upper

88 100

43 92.6 23.4 35.2#

58 0.0 50.6 75.8#

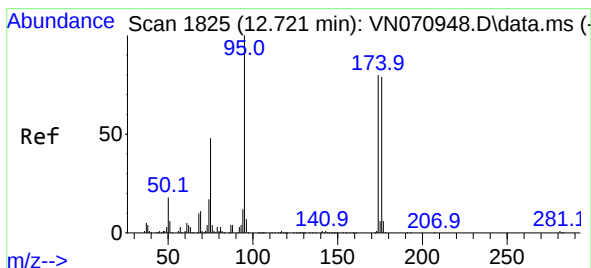
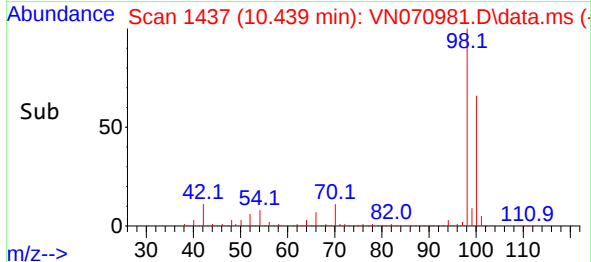
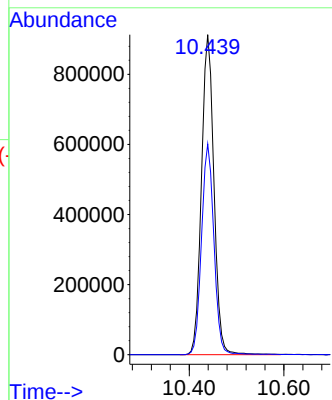
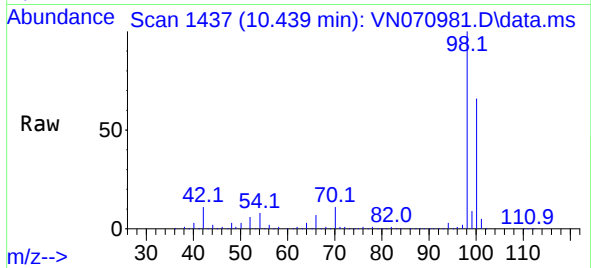




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

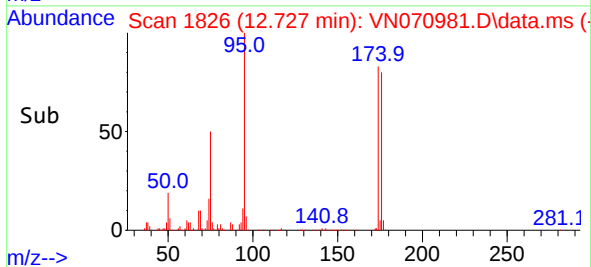
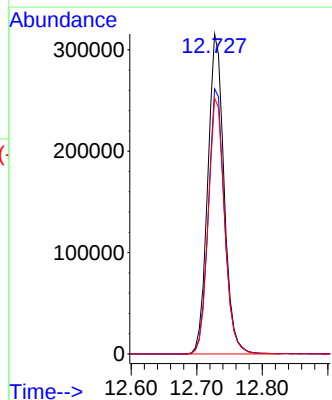
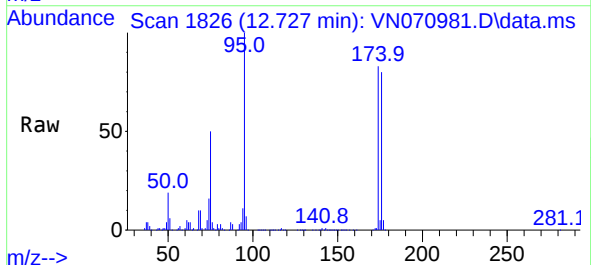
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

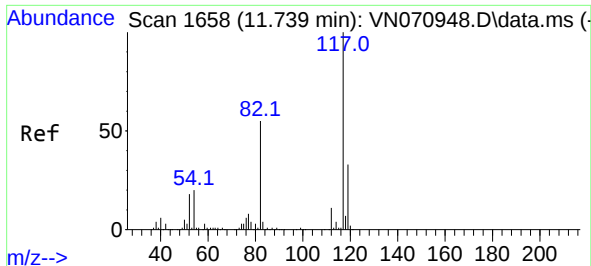
Tgt Ion: 98 Resp: 1662533
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.020 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

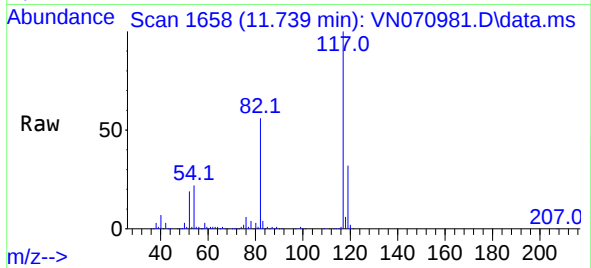
Tgt Ion: 95 Resp: 545175
Ion Ratio Lower Upper
95 100
174 82.4 0.0 187.2
176 80.1 0.0 181.4



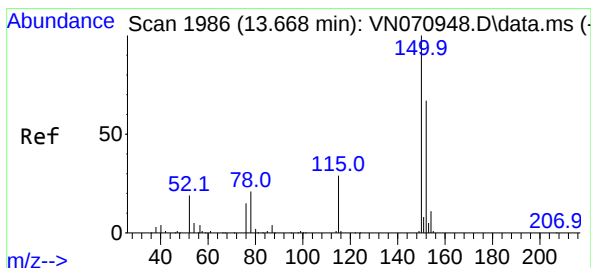
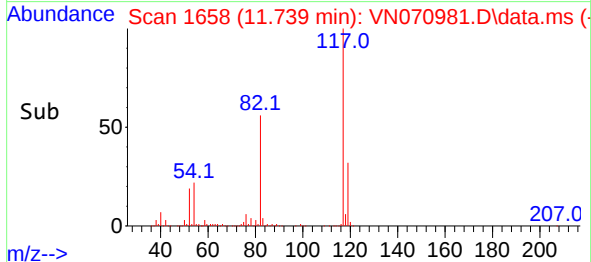
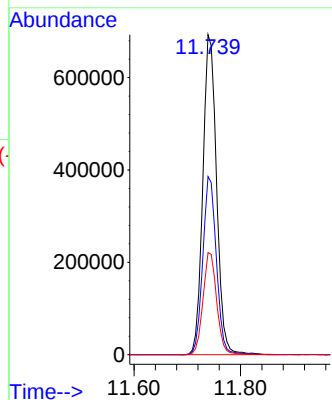


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

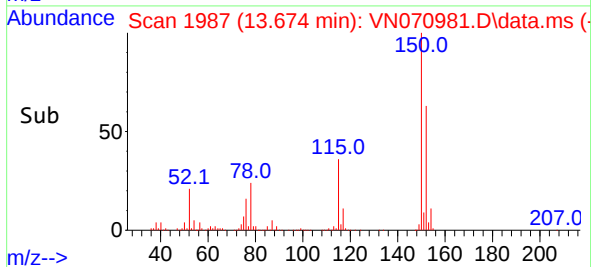
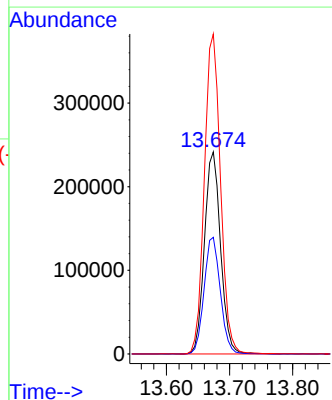
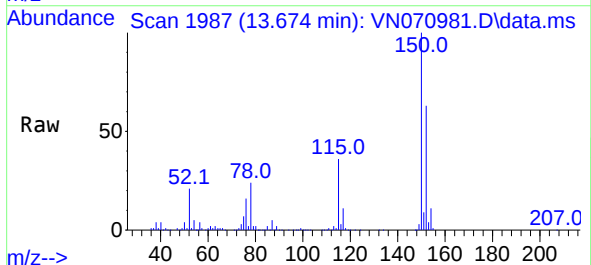


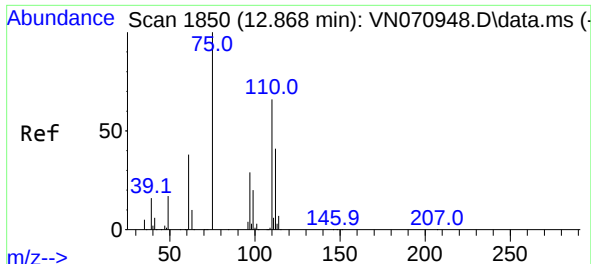
Tgt Ion:117 Resp: 1239490
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion:152 Resp: 427004
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 158.9 0.0 344.4

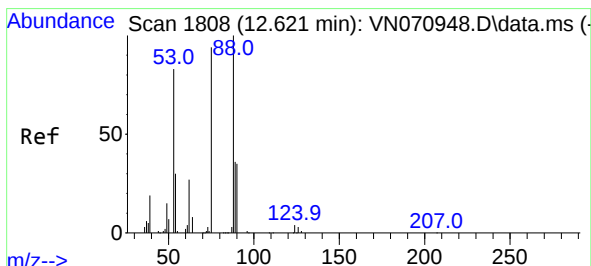
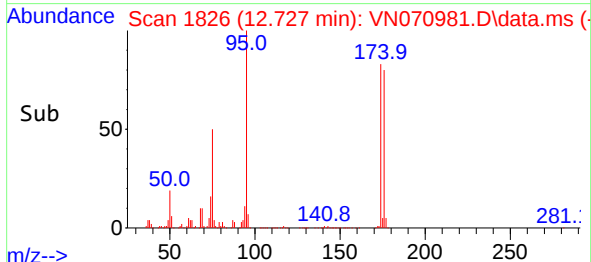
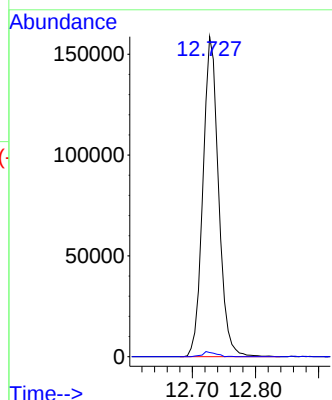
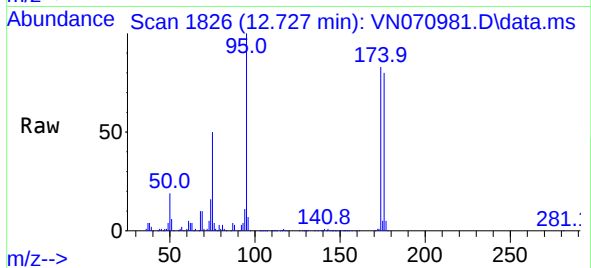




#76
1,2,3-Trichloropropane
Concen: 27.195 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

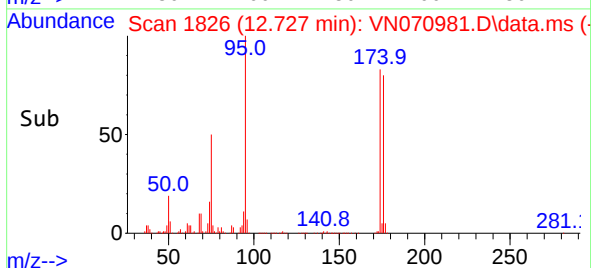
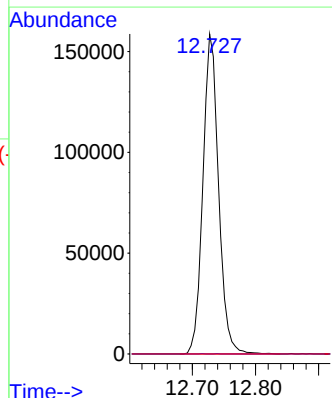
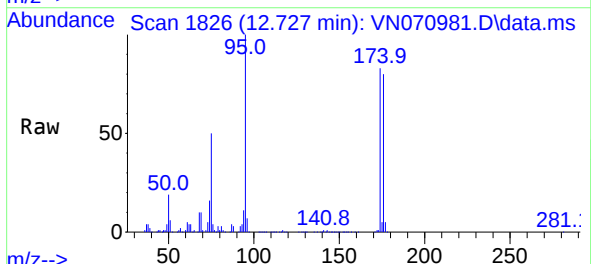
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

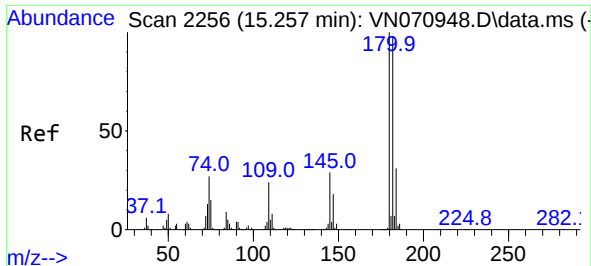
Tgt Ion: 75 Resp: 273419
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.126 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

Tgt Ion: 75 Resp: 273419
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

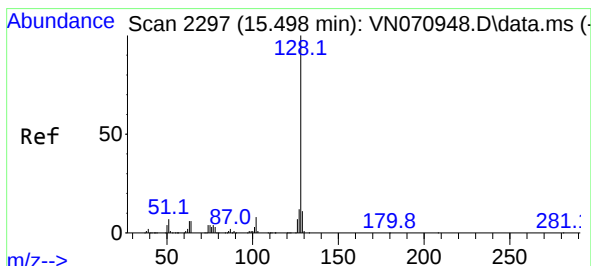
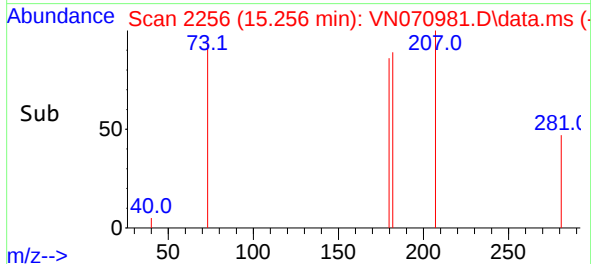
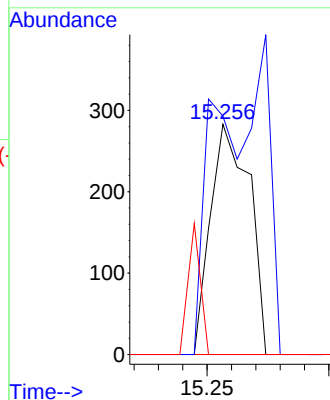
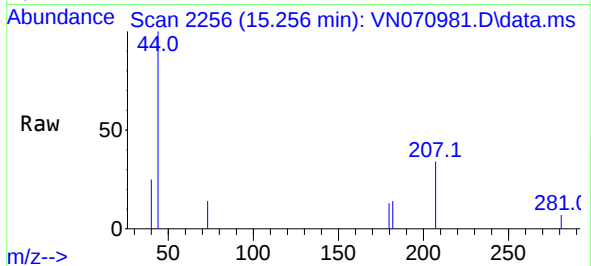




#93
1,2,4-Trichlorobenzene
Concen: 2.037 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

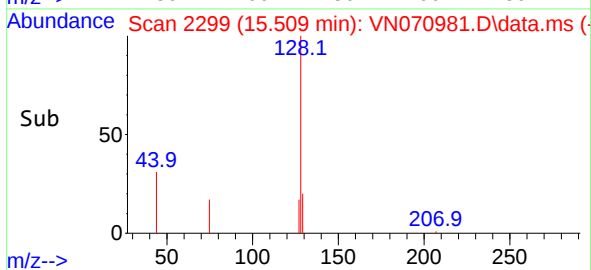
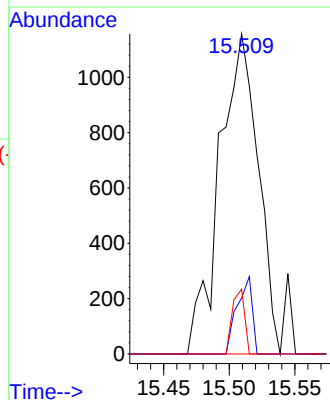
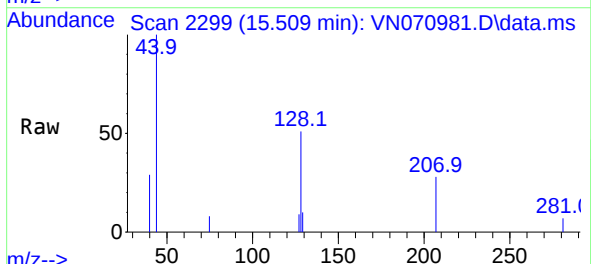
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20220215

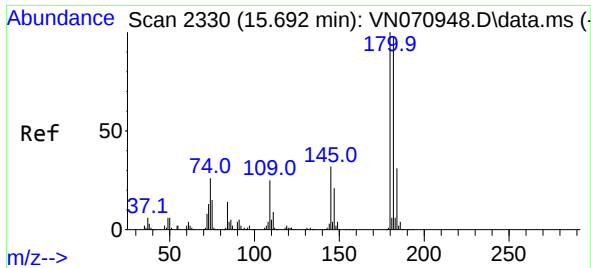
Tgt Ion:180 Resp: 314
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 18.2 14.5 43.5



#95
Naphthalene
Concen: 5.101 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN070981.D
Acq: 17 Feb 2022 15:54

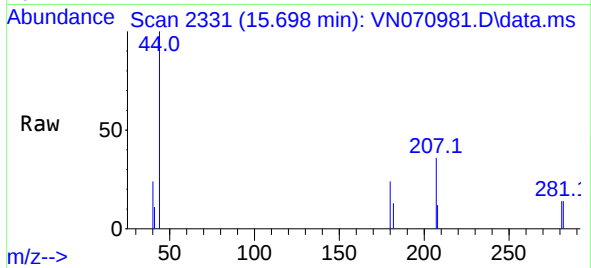
Tgt Ion:128 Resp: 2367
Ion Ratio Lower Upper
128 100
127 9.5 10.5 15.7#
129 6.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.586 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN070981.D
 Acq: 17 Feb 2022 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20220215



Tgt Ion:180 Resp: 538
 Ion Ratio Lower Upper
 180 100
 182 111.0 47.4 142.2
 145 0.0 15.0 45.1#

