

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071681.D
 Acq On : 31 Mar 2022 00:56
 Operator : JC\MD
 Sample : N2075-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20220321

Quant Time: Mar 31 07:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

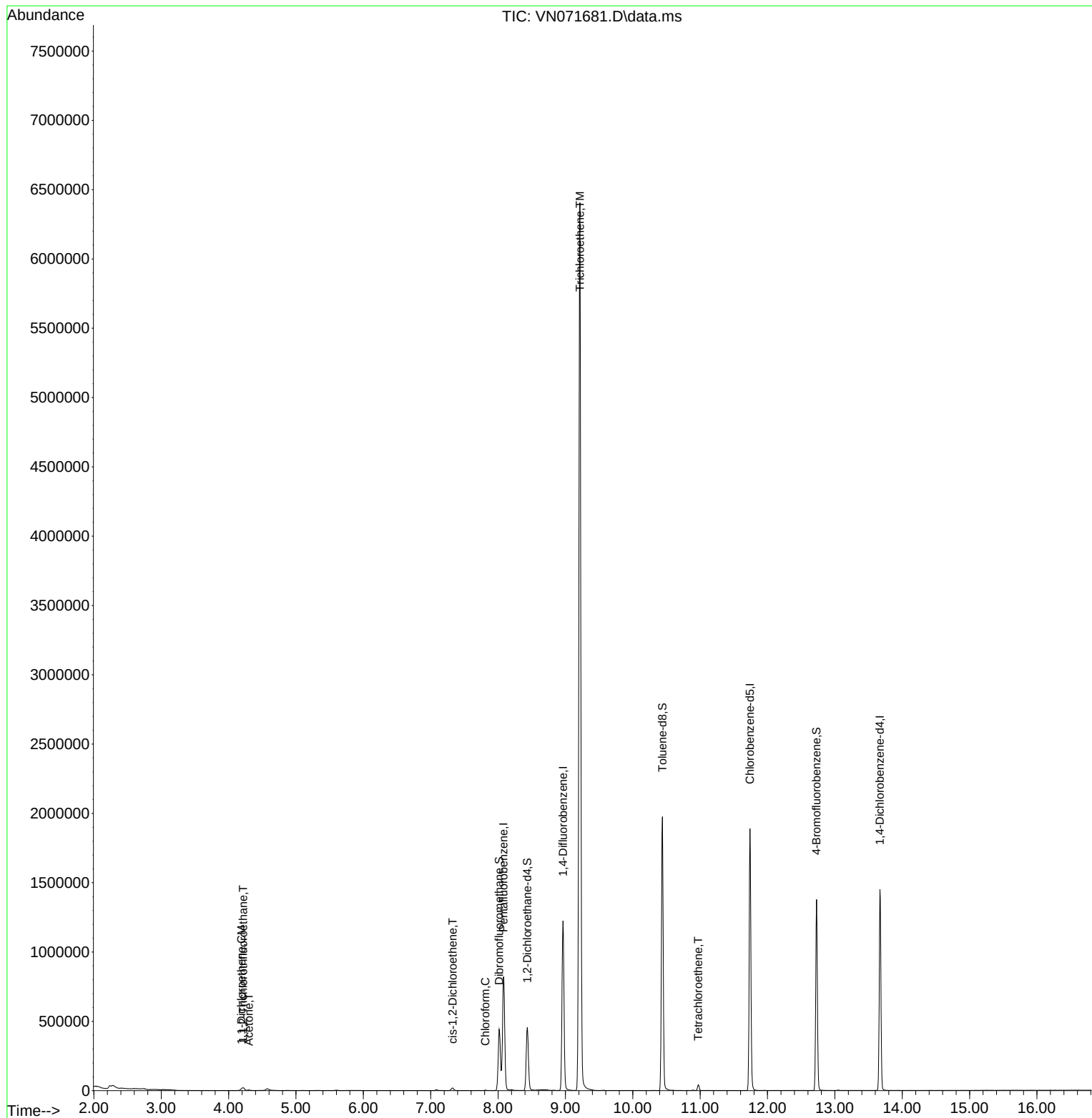
Internal Standards						
1) Pentafluorobenzene	8.081	168	675988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1147038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1148807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	423644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	386362	50.065	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.140%	
35) Dibromofluoromethane	8.016	113	325614	48.242	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.480%	
50) Toluene-d8	10.439	98	1418594	51.377	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.727	95	484406	54.245	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.500%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.216	101	13315	2.271	ug/l	93
12) 1,1-Dichloroethene	4.193	96	3168	0.568	ug/l #	70
16) Acetone	4.299	43	6031	1.829	ug/l #	88
27) cis-1,2-Dichloroethene	7.328	96	11721	1.560	ug/l	86
30) Chloroform	7.810	83	3426	0.280	ug/l #	72
44) Trichloroethene	9.216	130	2510922	327.328	ug/l	99
64) Tetrachloroethene	10.969	164	10920	1.439	ug/l #	82

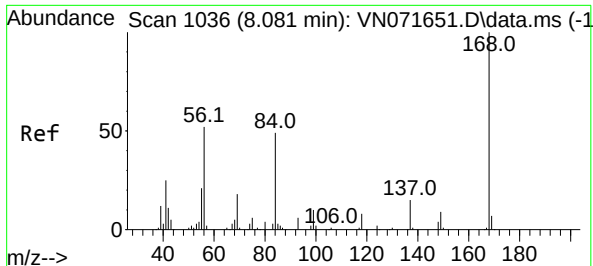
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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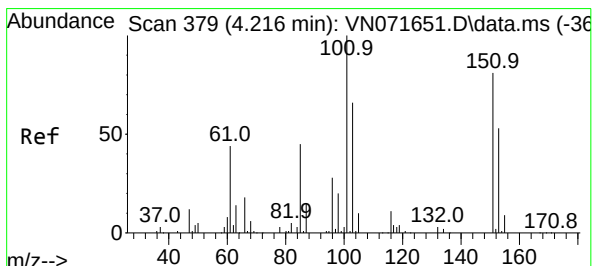
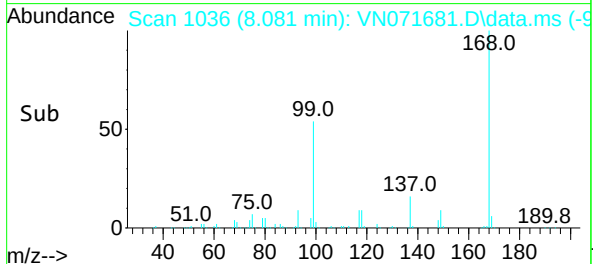
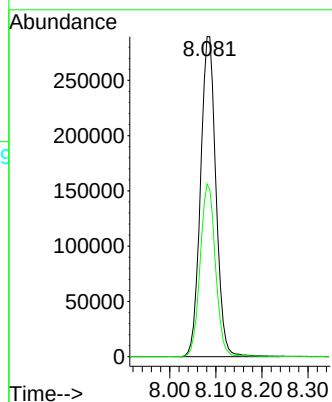
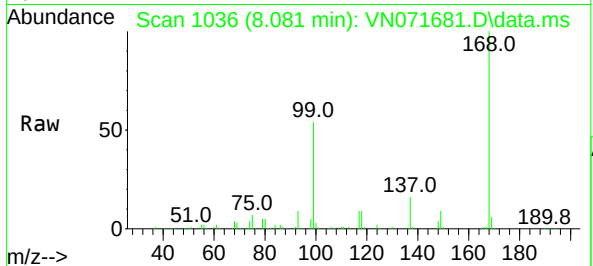




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071681.D
Acq: 31 Mar 2022 00:56

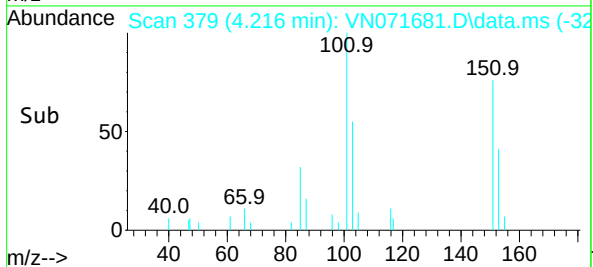
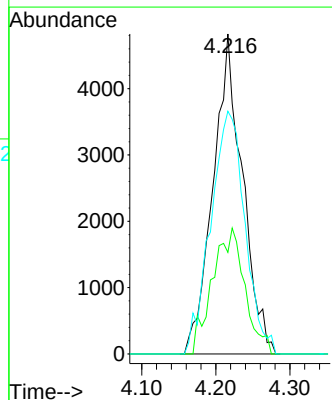
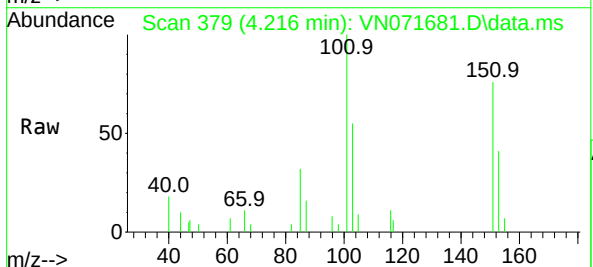
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20220321

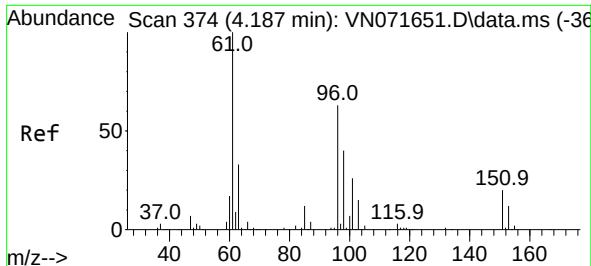
Tgt Ion:168 Resp: 675988
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.271 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN071681.D
Acq: 31 Mar 2022 00:56

Tgt Ion:101 Resp: 13315
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 88.2 63.0 94.4





#12

1,1-Dichloroethene

Concen: 0.568 ug/l

RT: 4.193 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN071681.D

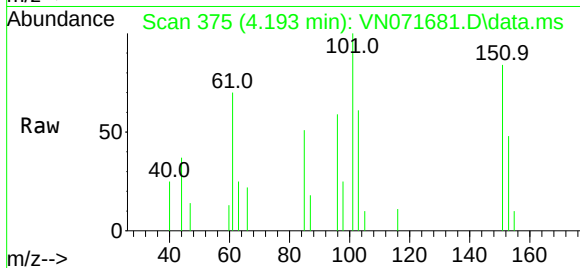
Acq: 31 Mar 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20220321



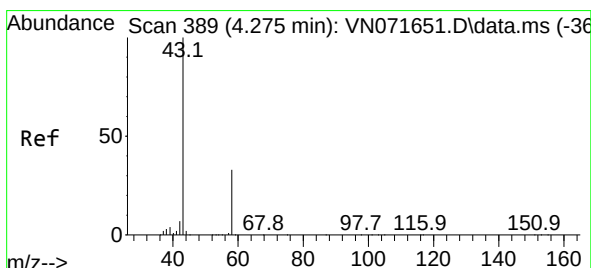
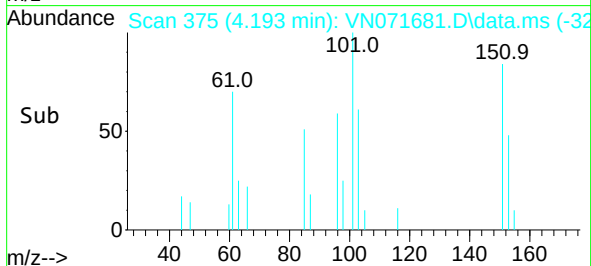
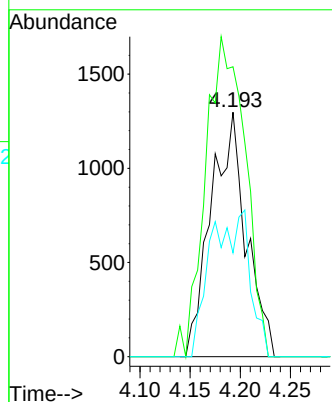
Tgt Ion: 96 Resp: 3168

Ion Ratio Lower Upper

96 100

61 118.6 127.6 191.4#

98 42.4 51.2 76.8#



#16

Acetone

Concen: 1.829 ug/l

RT: 4.299 min Scan# 393

Delta R.T. 0.024 min

Lab File: VN071681.D

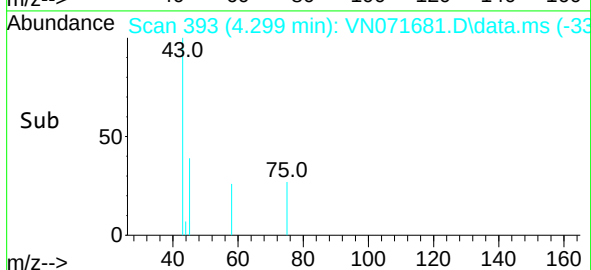
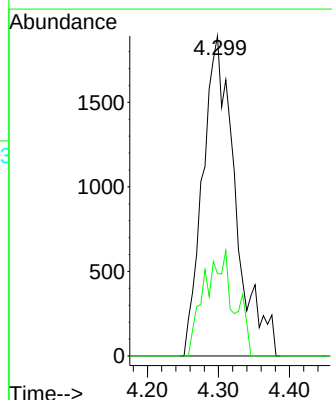
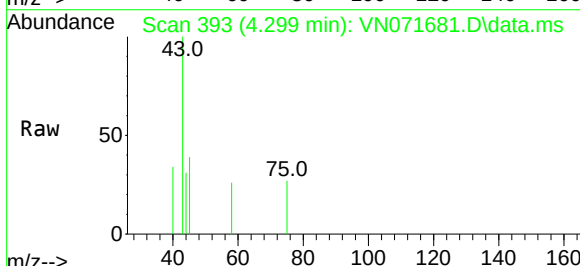
Acq: 31 Mar 2022 00:56

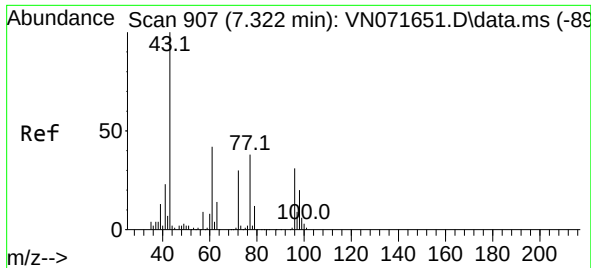
Tgt Ion: 43 Resp: 6031

Ion Ratio Lower Upper

43 100

58 25.7 26.0 39.0#

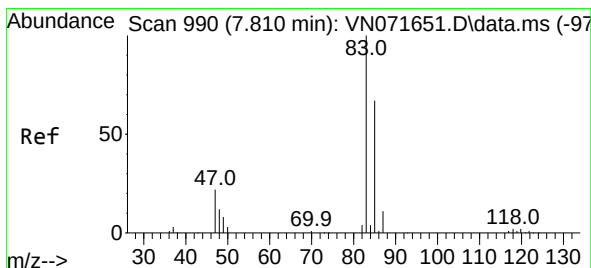
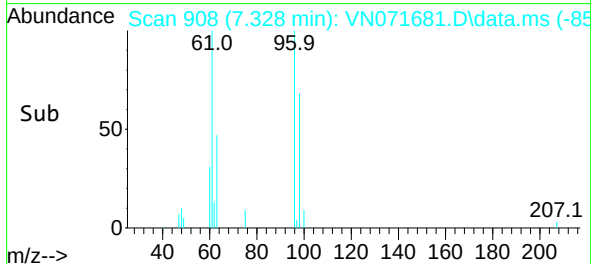
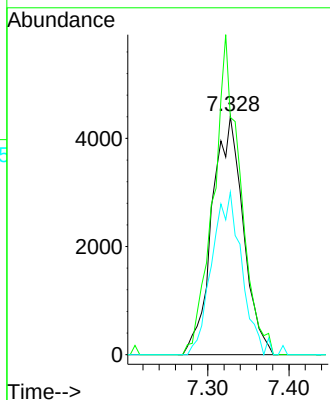
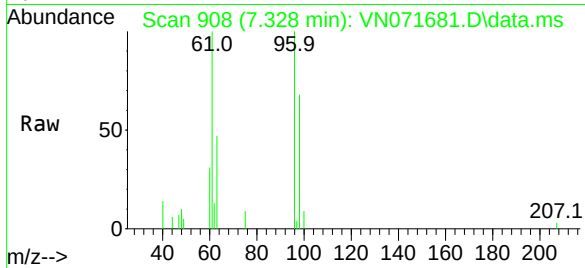




#27
 cis-1,2-Dichloroethene
 Concen: 1.560 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071681.D
 Acq: 31 Mar 2022 00:56

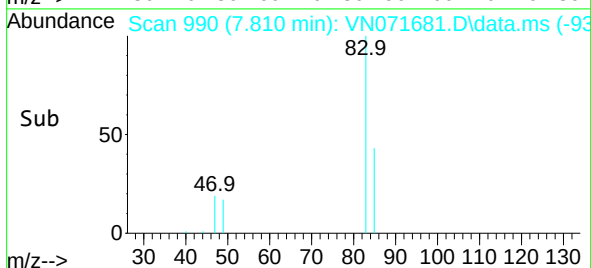
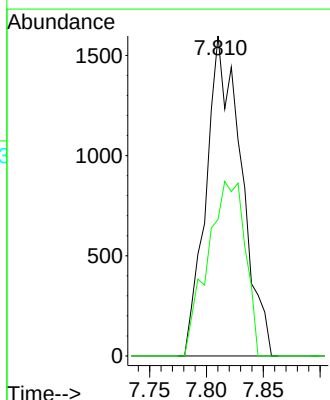
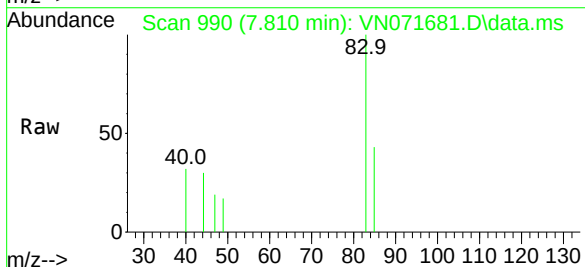
Instrument :
 MSVOA_N
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 DUP03-20220321

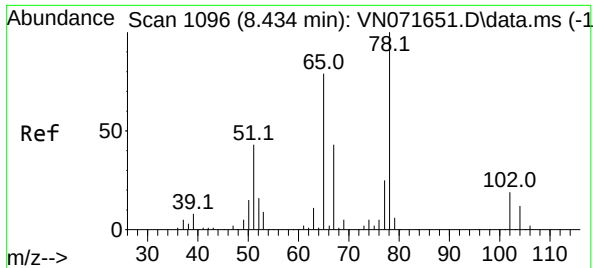
Tgt Ion: 96 Resp: 11721
 Ion Ratio Lower Upper
 96 100
 61 115.8 0.0 280.6
 98 65.3 0.0 128.4



#30
 Chloroform
 Concen: 0.280 ug/l
 RT: 7.810 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VN071681.D
 Acq: 31 Mar 2022 00:56

Tgt Ion: 83 Resp: 3426
 Ion Ratio Lower Upper
 83 100
 85 42.7 51.8 77.8#





#33

1,2-Dichloroethane-d4

Concen: 50.065 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071681.D

Acq: 31 Mar 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

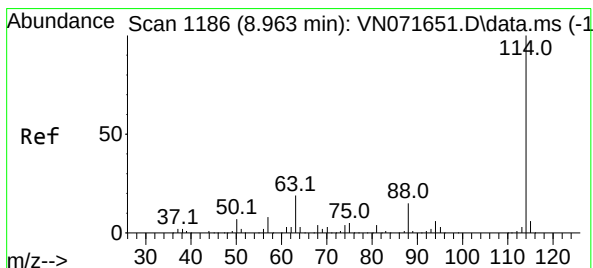
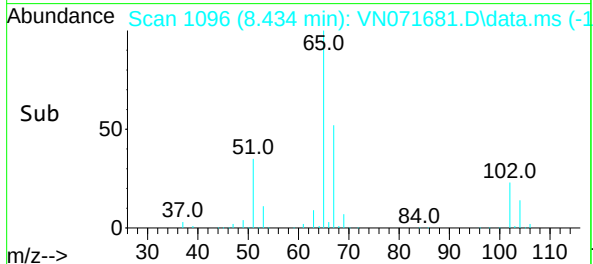
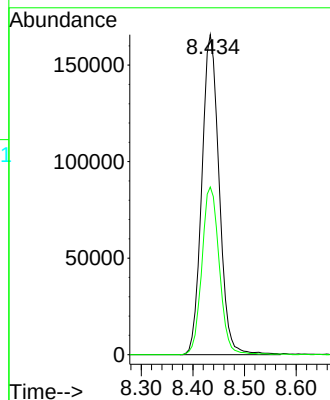
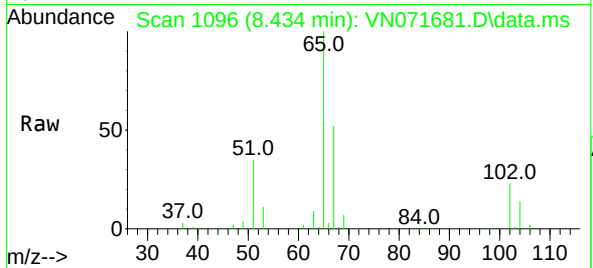
DUP03-20220321

Tgt Ion: 65 Resp: 386362

Ion Ratio Lower Upper

65 100

67 52.5 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: VN071681.D

Acq: 31 Mar 2022 00:56

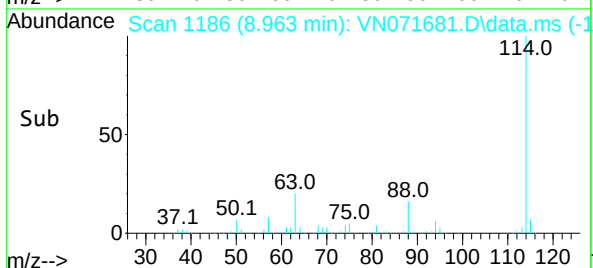
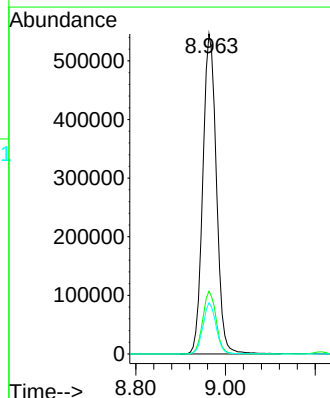
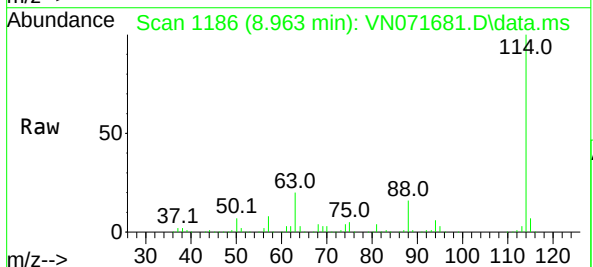
Tgt Ion: 114 Resp: 1147038

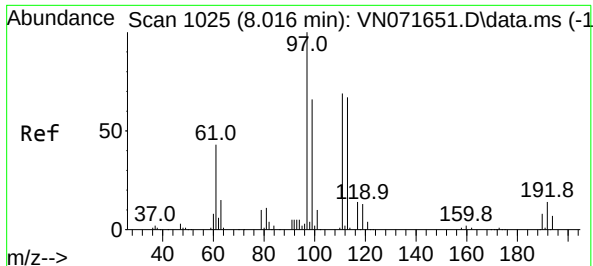
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.242 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071681.D

Acq: 31 Mar 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20220321

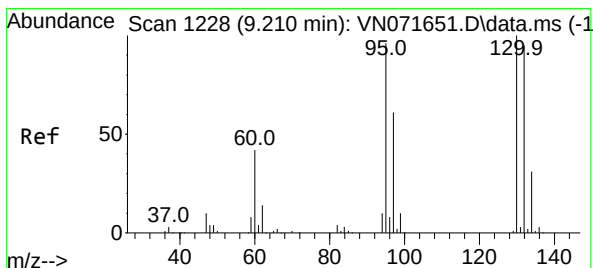
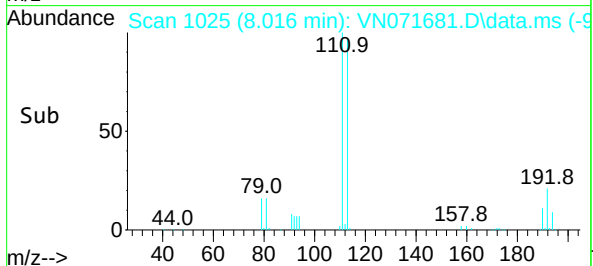
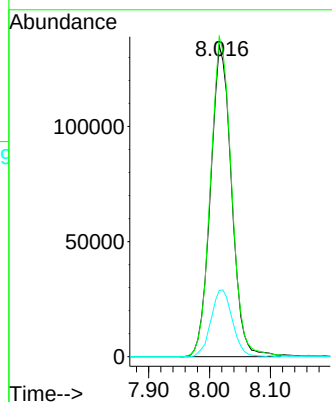
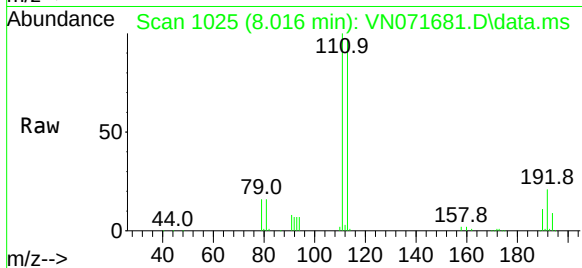
Tgt Ion:113 Resp: 325614

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 21.8 17.0 25.6



#44

Trichloroethene

Concen: 327.328 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN071681.D

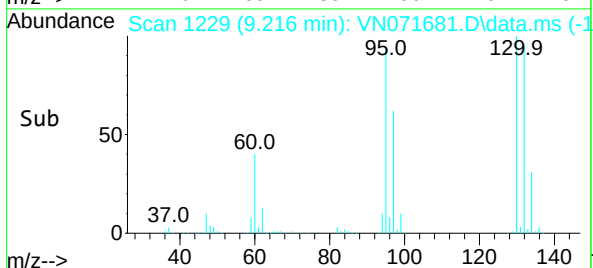
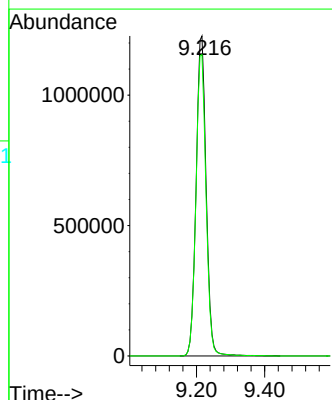
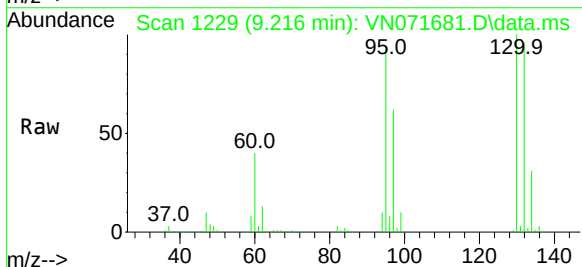
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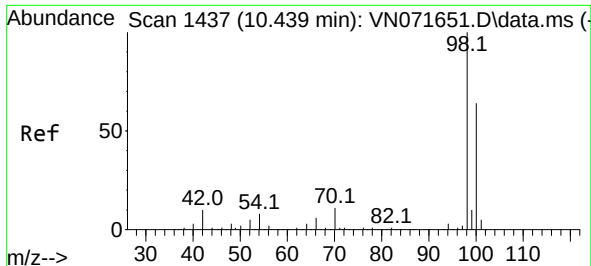
Tgt Ion:130 Resp: 2510922

Ion Ratio Lower Upper

130 100

95 94.2 0.0 186.8

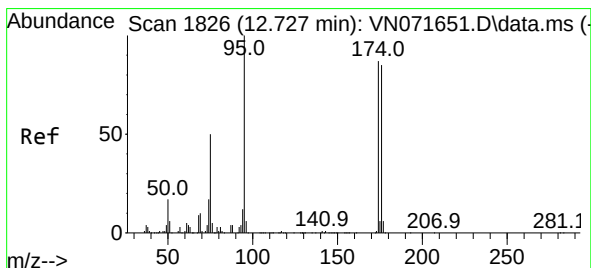
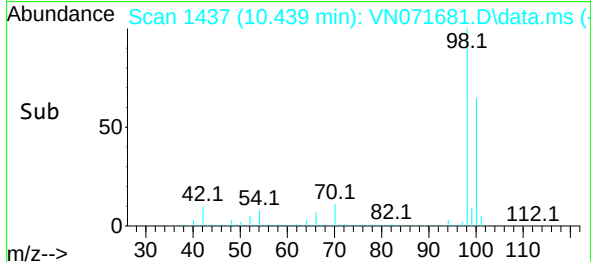
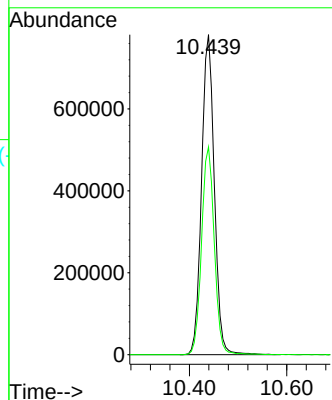
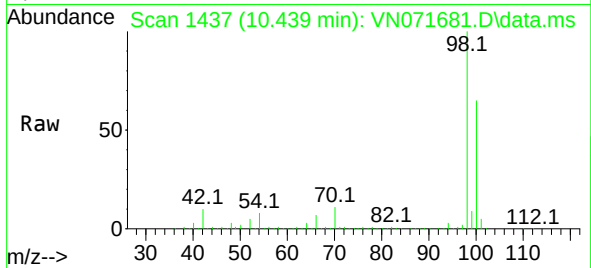




#50
Toluene-d8
Concen: 51.377 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071681.D
Acq: 31 Mar 2022 00:56

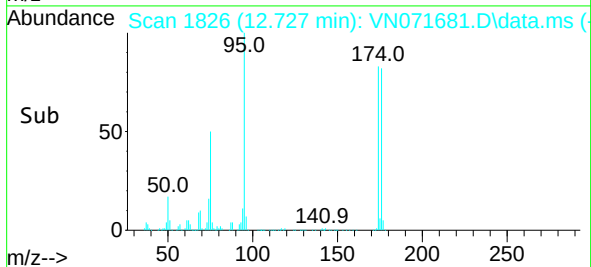
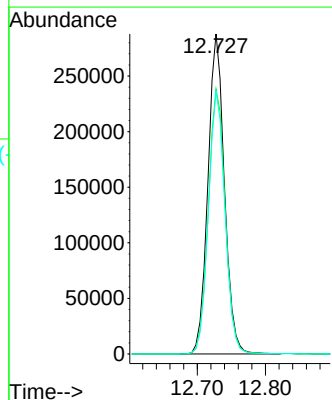
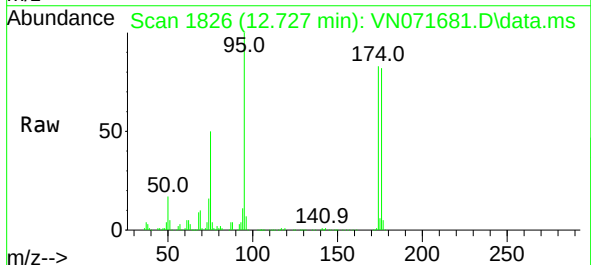
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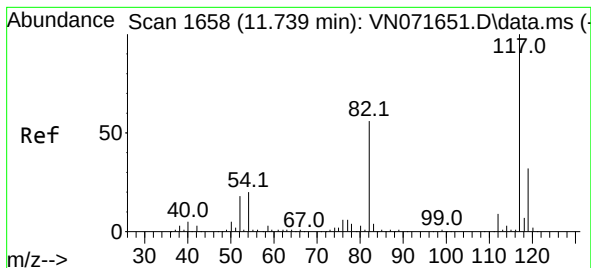
Tgt Ion: 98 Resp: 1418594
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.245 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071681.D
Acq: 31 Mar 2022 00:56

Tgt Ion: 95 Resp: 484406
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071681.D

Acq: 31 Mar 2022 00:56

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20220321

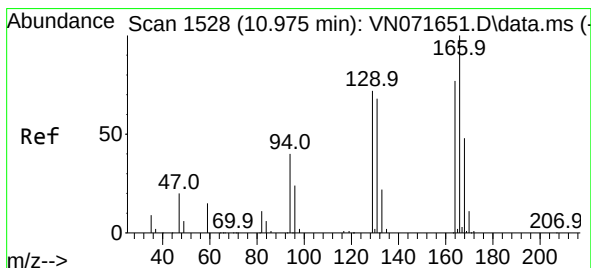
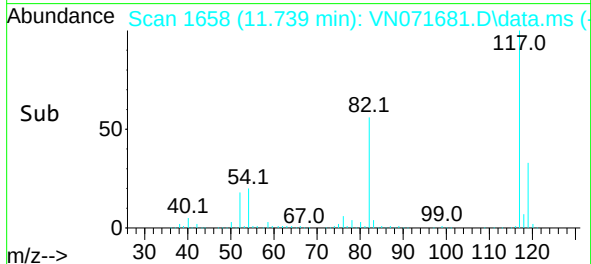
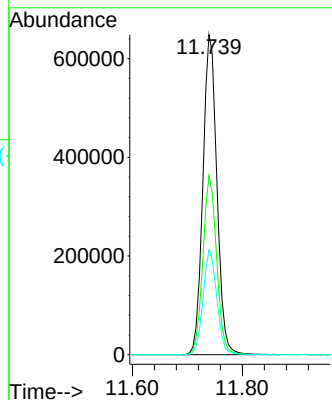
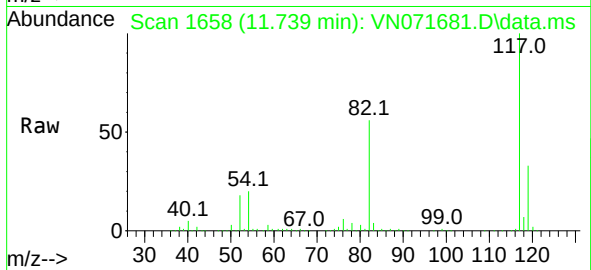
Tgt Ion:117 Resp: 1148807

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 32.7 25.4 38.0



#64

Tetrachloroethene

Concen: 1.439 ug/l

RT: 10.969 min Scan# 1527

Delta R.T. -0.006 min

Lab File: VN071681.D

Acq: 31 Mar 2022 00:56

Tgt Ion:164 Resp: 10920

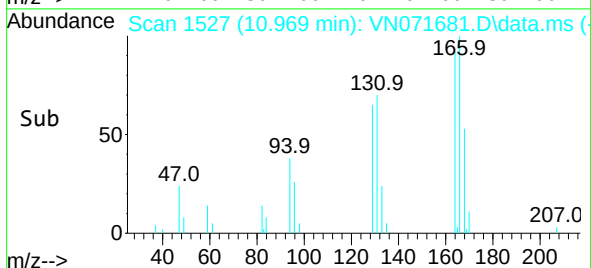
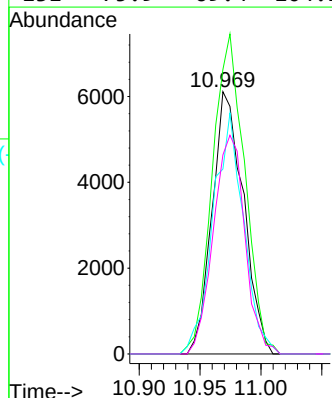
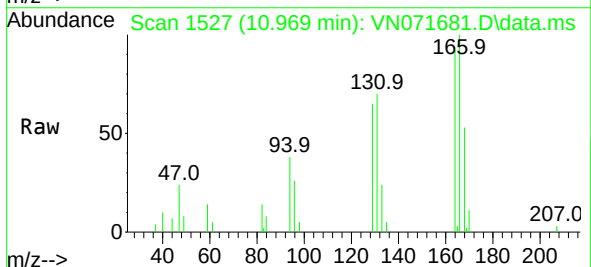
Ion Ratio Lower Upper

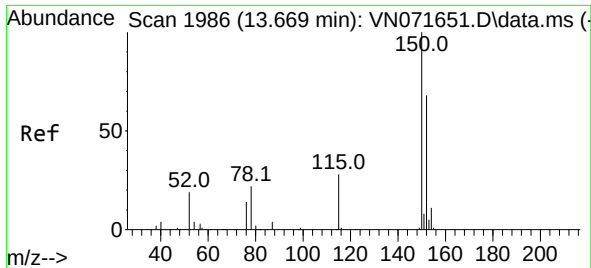
164 100

166 108.5 104.2 156.2

129 70.5 73.9 110.9#

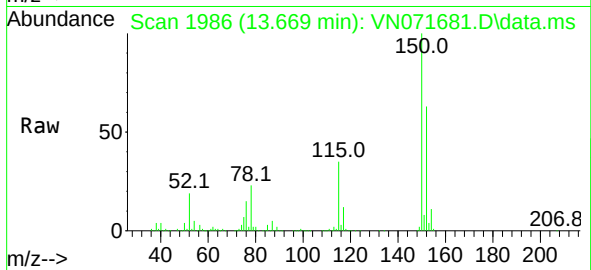
131 75.9 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071681.D
 Acq: 31 Mar 2022 00:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20220321



Tgt Ion:152 Resp: 423644
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.9 86.7
 150 158.6 0.0 356.2

