

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072033.D
 Acq On : 18 Apr 2022 14:18
 Operator : JC\MD
 Sample : N2441-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220413

Quant Time: Apr 18 15:26:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

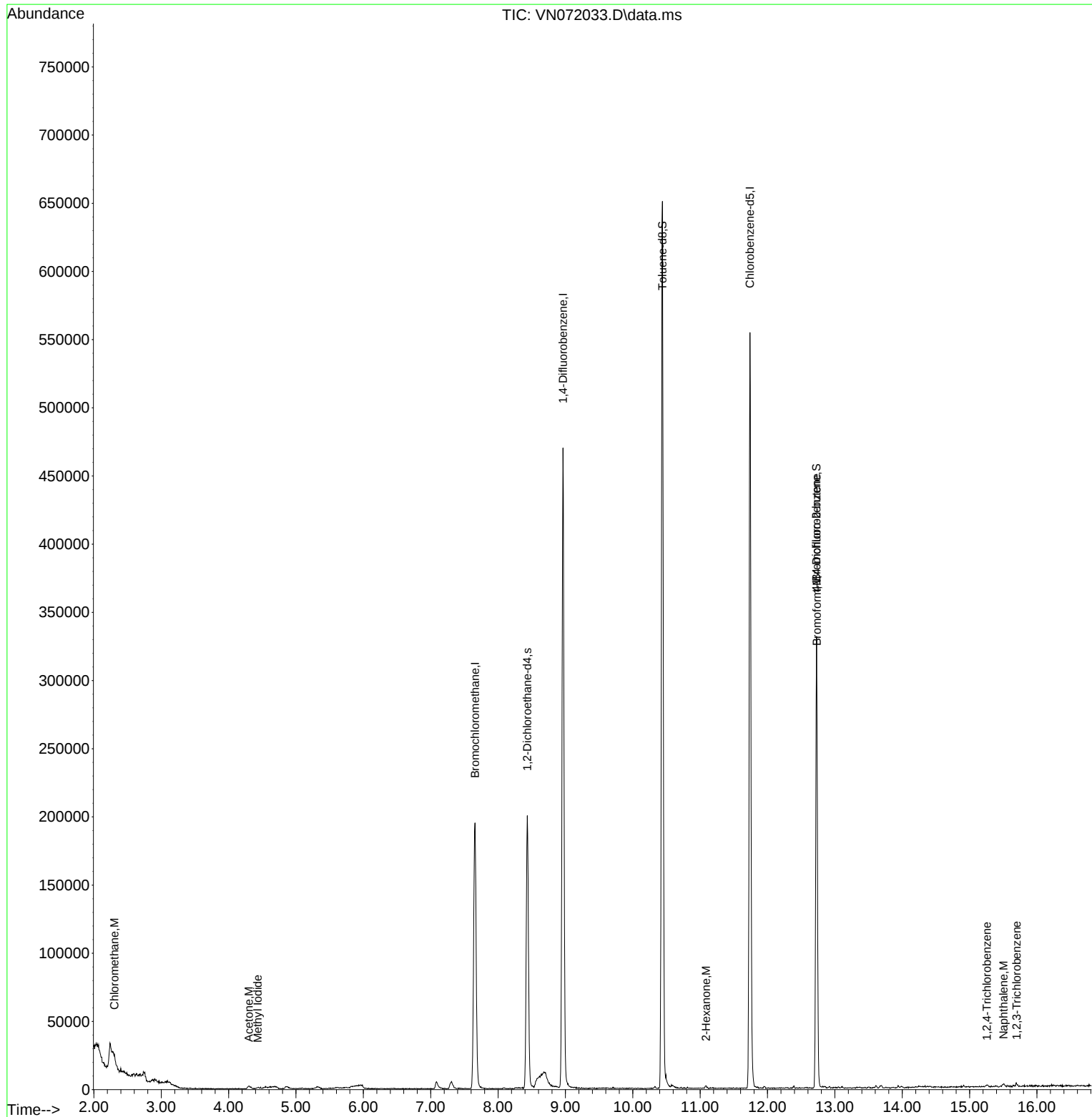
Internal Standards						
1) Bromochloromethane	7.657	128	82738	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	428139	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	359153	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	163078	27.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.267%
60) 4-Bromofluorobenzene	12.727	95	118171	22.190	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.967%
63) Toluene-d8	10.439	98	489580	30.029	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1523	0.251	ug/l #	82
11) Methyl Iodide	4.434	142	1416	0.202	ug/l #	87
15) Acetone	4.298	58	296	0.336	ug/l #	4
56) Bromoform	12.733	173	1055	0.243	ug/l #	1
59) 2-Hexanone	11.086	43	1366	0.274	ug/l #	64
77) t-1,4-Dichloro-2-butene	12.727	75	55942	24.809	ug/l #	8
89) 1,2,4-Trichlorobenzene	15.257	180	931	0.227	ug/l #	79
91) Naphthalene	15.504	128	3190	7.079	ug/l #	74
92) 1,2,3-Trichlorobenzene	15.698	180	1000	0.249	ug/l #	67

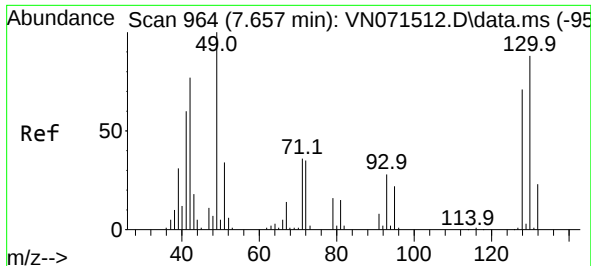
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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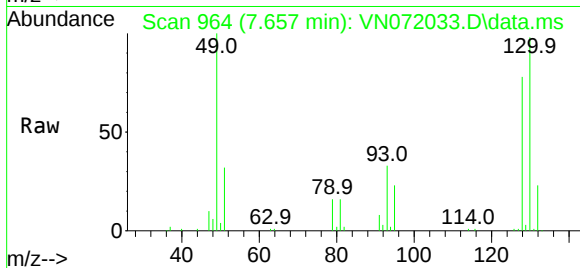
Quant Time: Apr 18 15:26:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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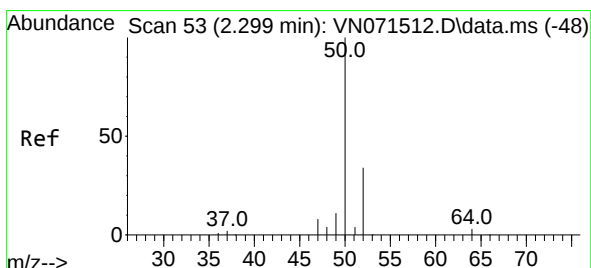
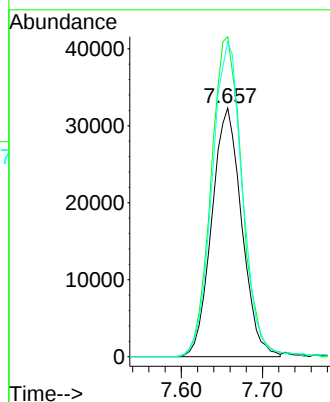
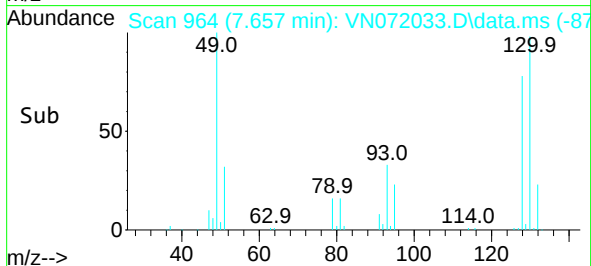


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220413

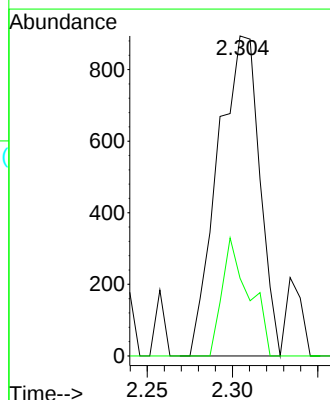
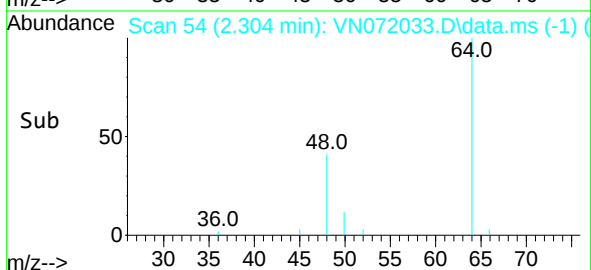
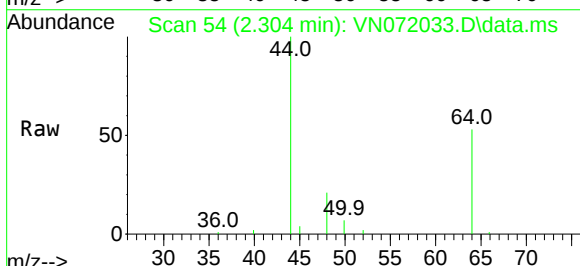


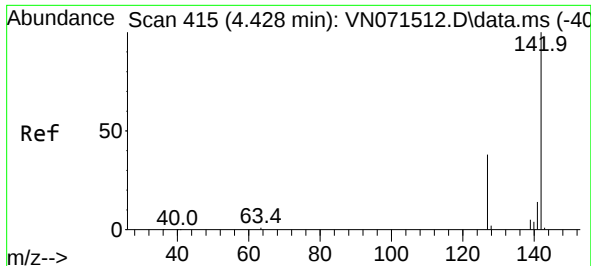
Tgt Ion:128 Resp: 82738
Ion Ratio Lower Upper
128 100
49 133.3 0.0 392.3
130 128.3 0.0 320.2



#3
Chloromethane
Concen: 0.251 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

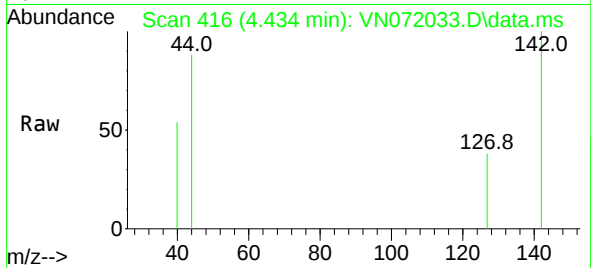
Tgt Ion: 50 Resp: 1523
Ion Ratio Lower Upper
50 100
52 24.3 27.8 41.6#



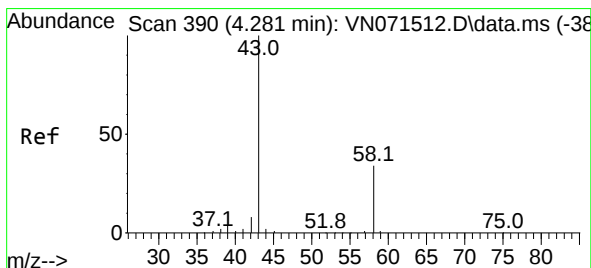
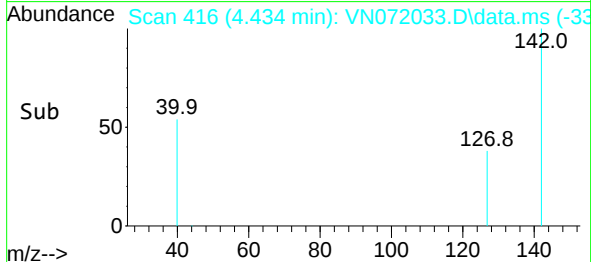
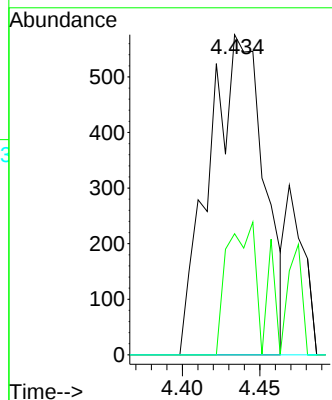


#11
Methyl Iodide
Concen: 0.202 ug/l
RT: 4.434 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220413

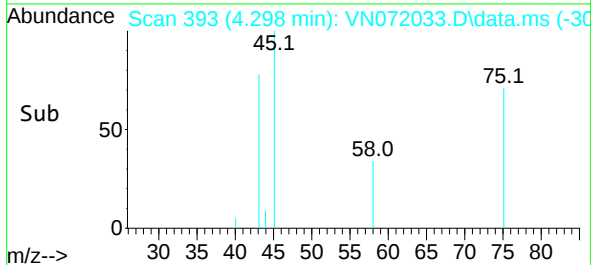
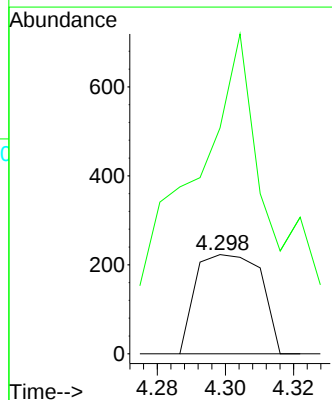
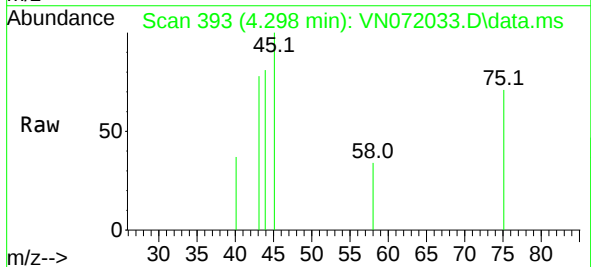


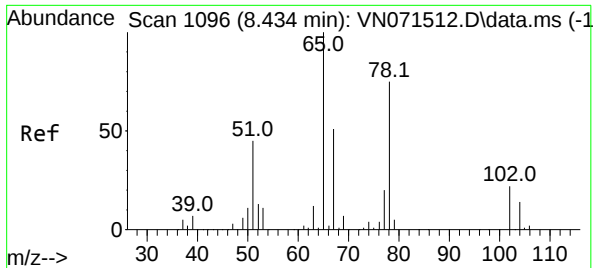
Tgt Ion:142 Resp: 1416
Ion Ratio Lower Upper
142 100
127 45.1 24.0 72.0
141 0.0 8.4 25.2#



#15
Acetone
Concen: 0.336 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion: 58 Resp: 296
Ion Ratio Lower Upper
58 100
43 124.2 256.6 384.8#

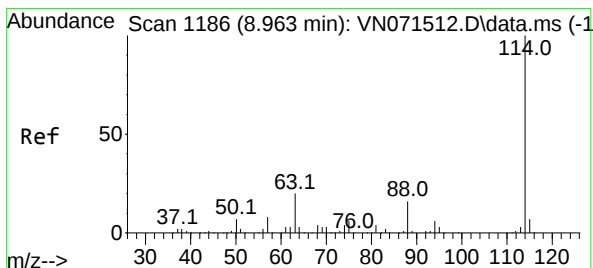
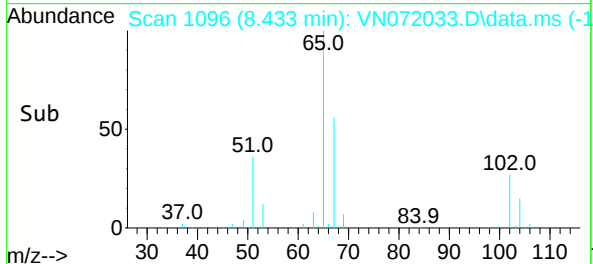
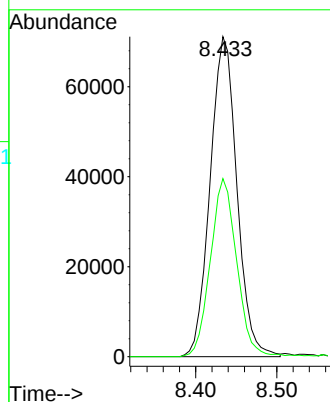
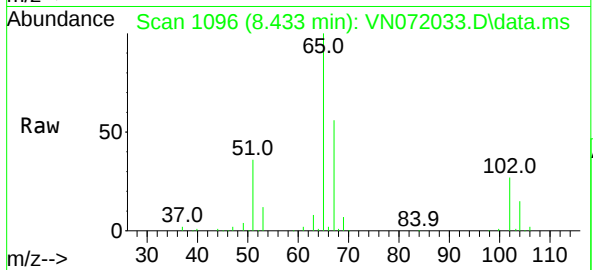




#27
1,2-Dichloroethane-d4
Concen: 27.975 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

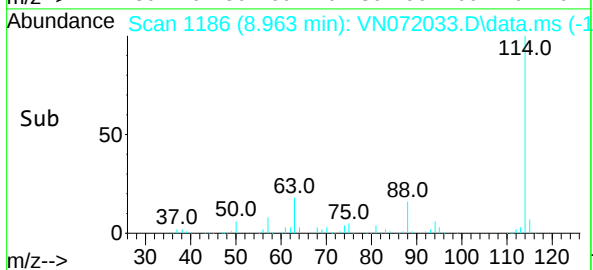
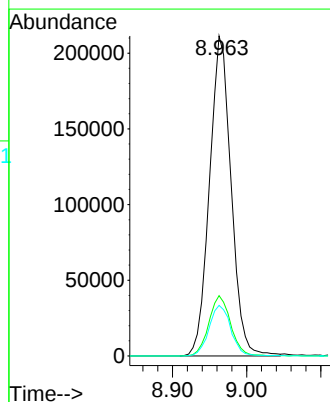
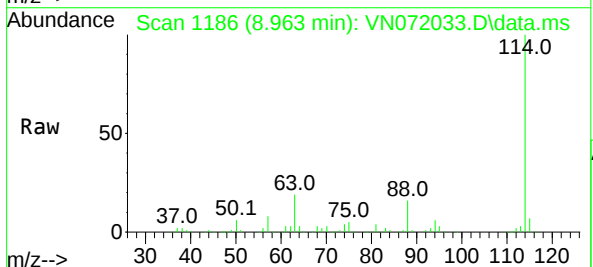
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220413

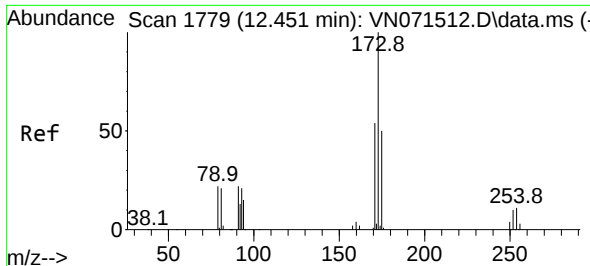
Tgt Ion: 65 Resp: 163078
Ion Ratio Lower Upper
65 100
67 54.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion: 114 Resp: 428139
Ion Ratio Lower Upper
114 100
63 18.9 15.8 23.6
88 15.9 11.6 17.4

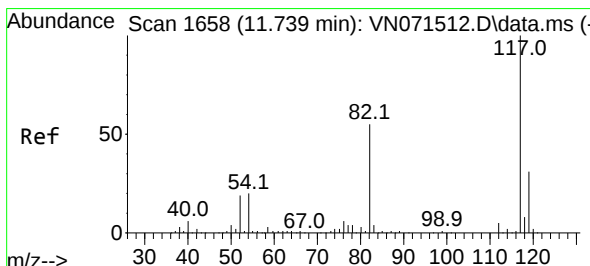
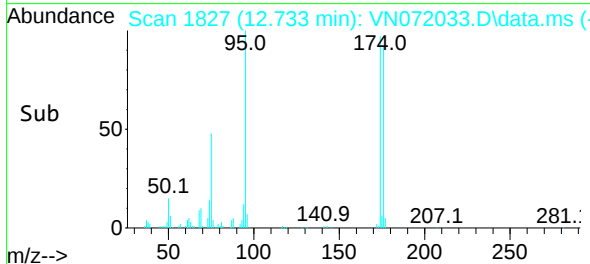
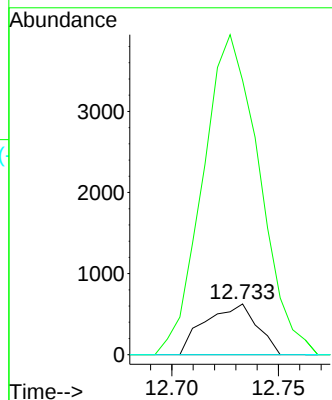
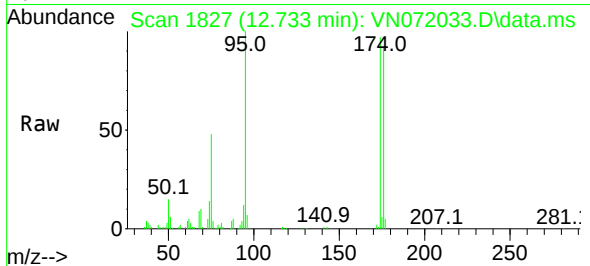




#56
Bromoform
Concen: 0.243 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.282 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

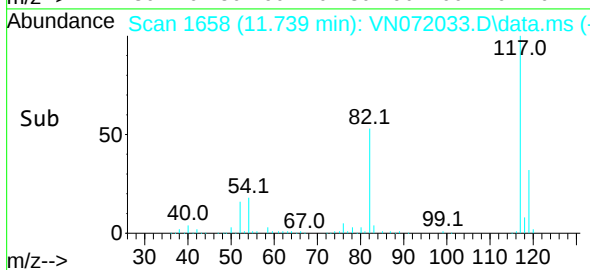
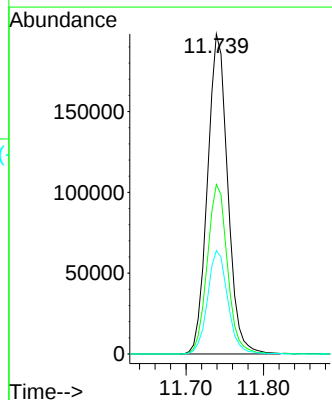
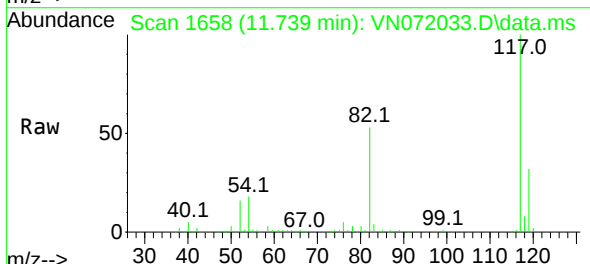
Instrument :
MSVOA_N
ClientSampleId :
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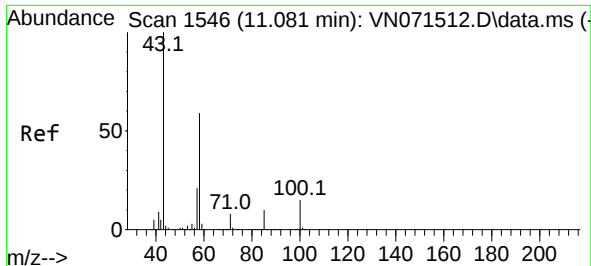
Tgt Ion:173 Resp: 1055
Ion Ratio Lower Upper
173 100
175 691.9 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion:117 Resp: 359153
Ion Ratio Lower Upper
117 100
82 52.8 43.6 65.4
119 32.3 25.8 38.6

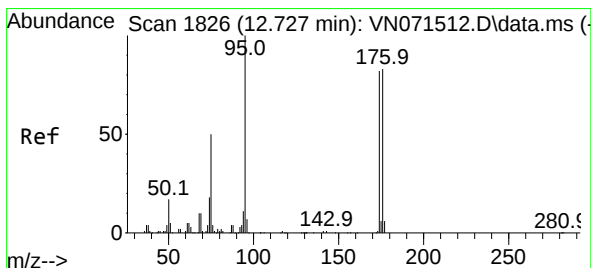
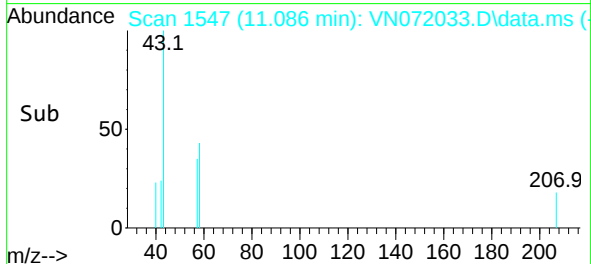
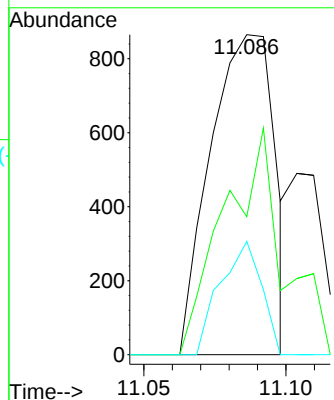
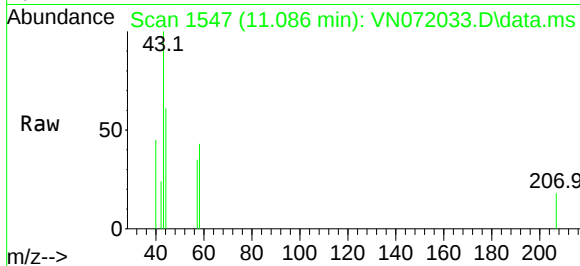




#59
2-Hexanone
Concen: 0.274 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

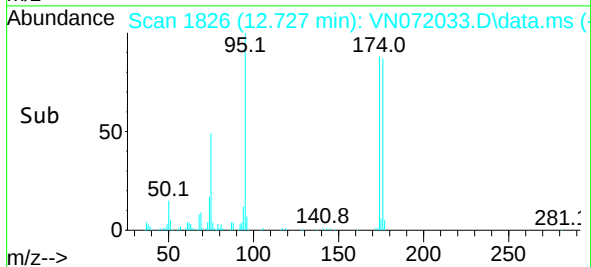
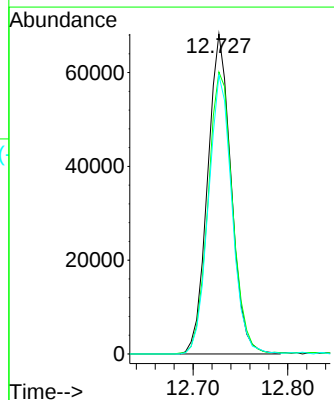
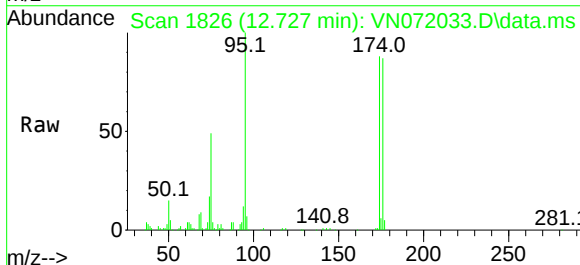
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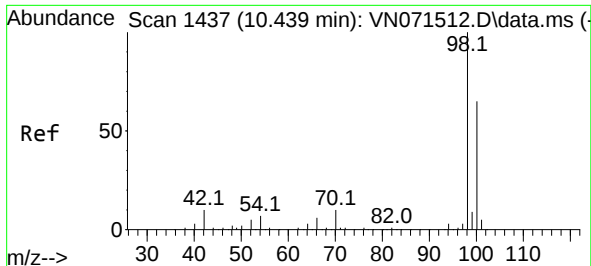
Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 20.3 42.2 63.2#
57 22.7 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 22.190 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion: 95 Resp: 118171
Ion Ratio Lower Upper
95 100
174 91.7 62.9 94.3
176 86.8 61.0 91.4

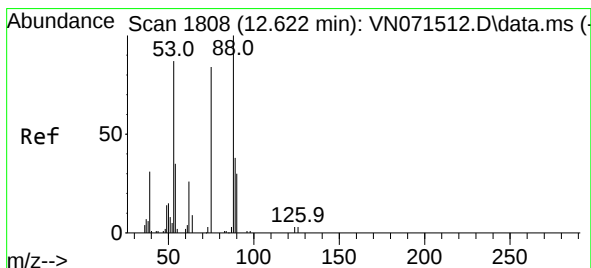
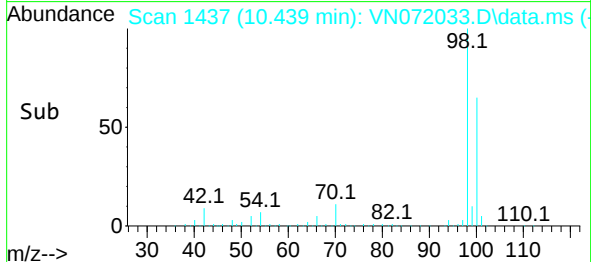
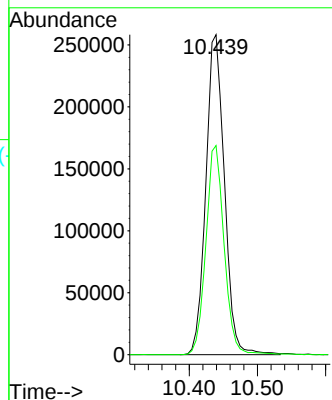
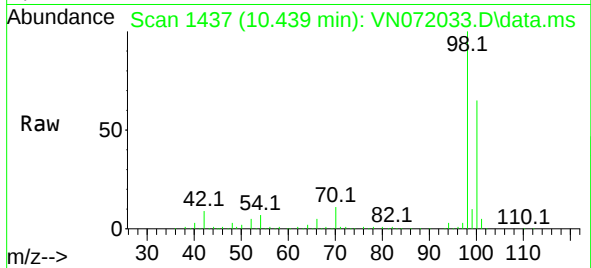




#63
Toluene-d8
Concen: 30.029 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

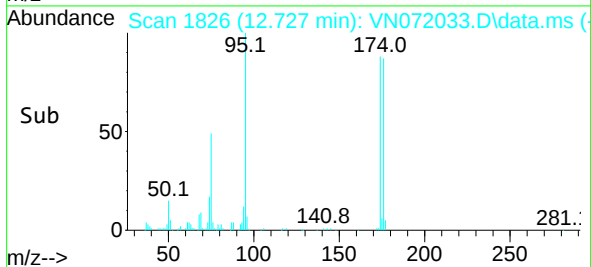
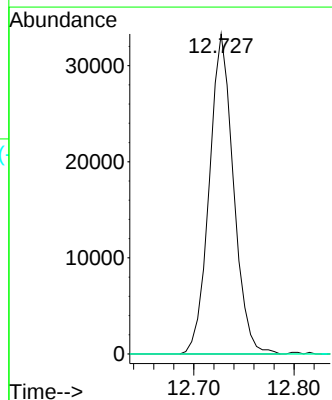
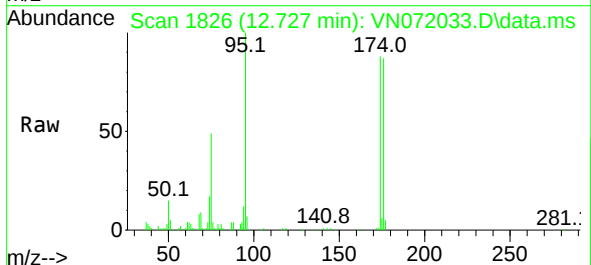
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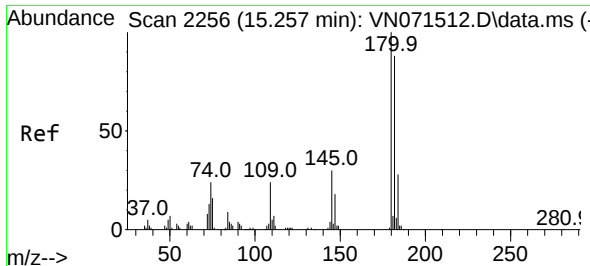
Tgt Ion: 98 Resp: 489580
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 24.809 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion: 75 Resp: 55942
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

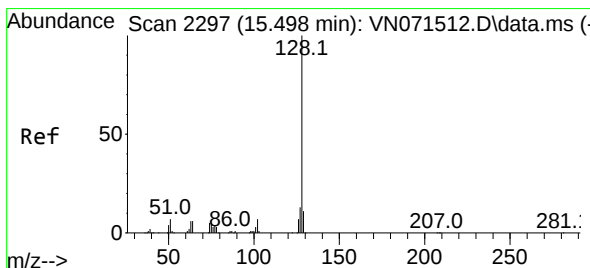
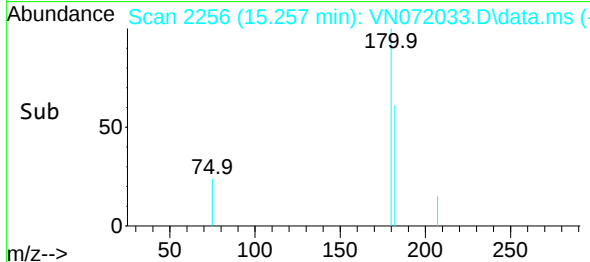
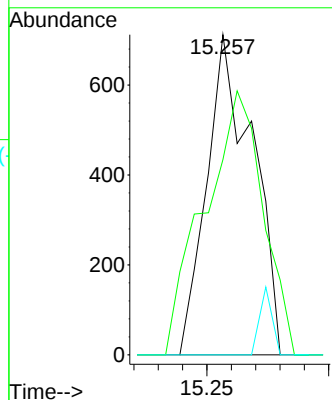
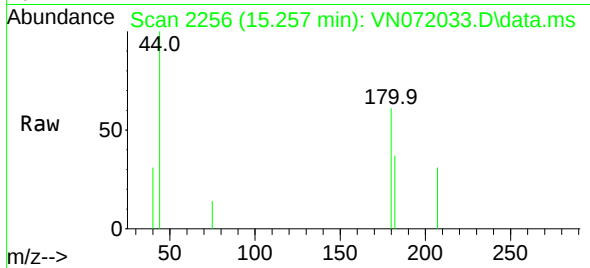




#89
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

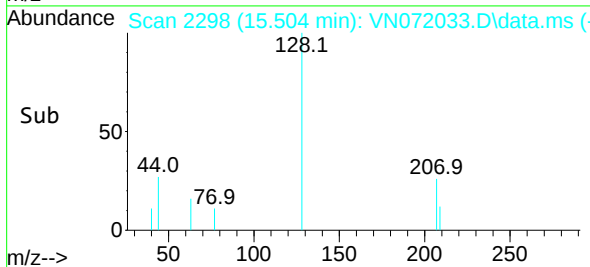
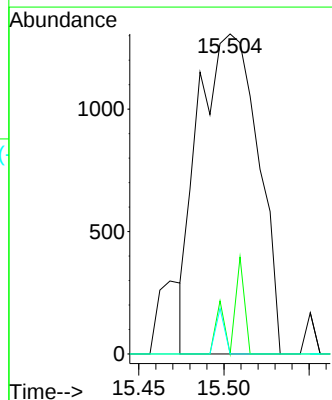
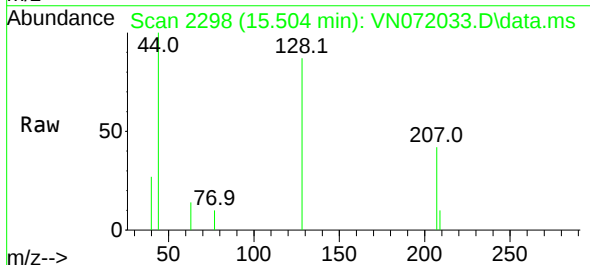
Instrument :
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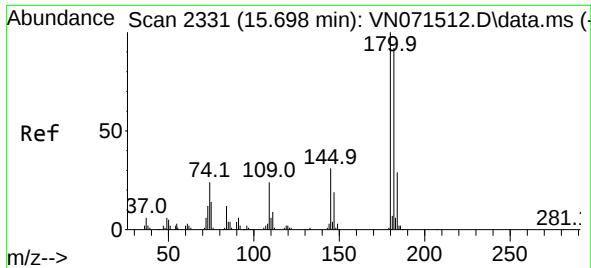
Tgt Ion:180 Resp: 931
Ion Ratio Lower Upper
180 100
182 105.5 77.7 116.5
145 0.0 26.6 39.8#



#91
Naphthalene
Concen: 7.079 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072033.D
Acq: 18 Apr 2022 14:18

Tgt Ion:128 Resp: 3190
Ion Ratio Lower Upper
128 100
127 4.4 10.7 16.1#
129 0.0 9.0 13.6#





#92

1,2,3-Trichlorobenzene

Concen: 0.249 ug/l

RT: 15.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072033.D

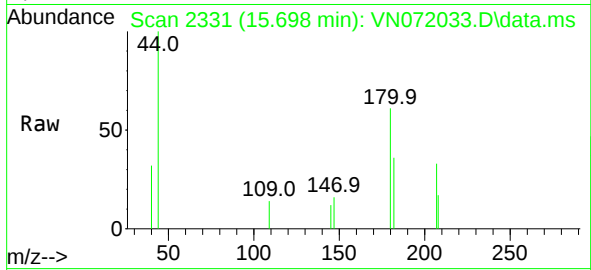
Acq: 18 Apr 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20220413



Tgt Ion:180 Resp: 1000

Ion Ratio Lower Upper

180 100

182 72.7 0.0 190.0

145 0.0 0.0 67.8

