

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072791.D
 Acq On : 11 Jun 2022 15:42
 Operator : JC\MD
 Sample : N3309-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220608RE

Quant Time: Jun 13 01:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

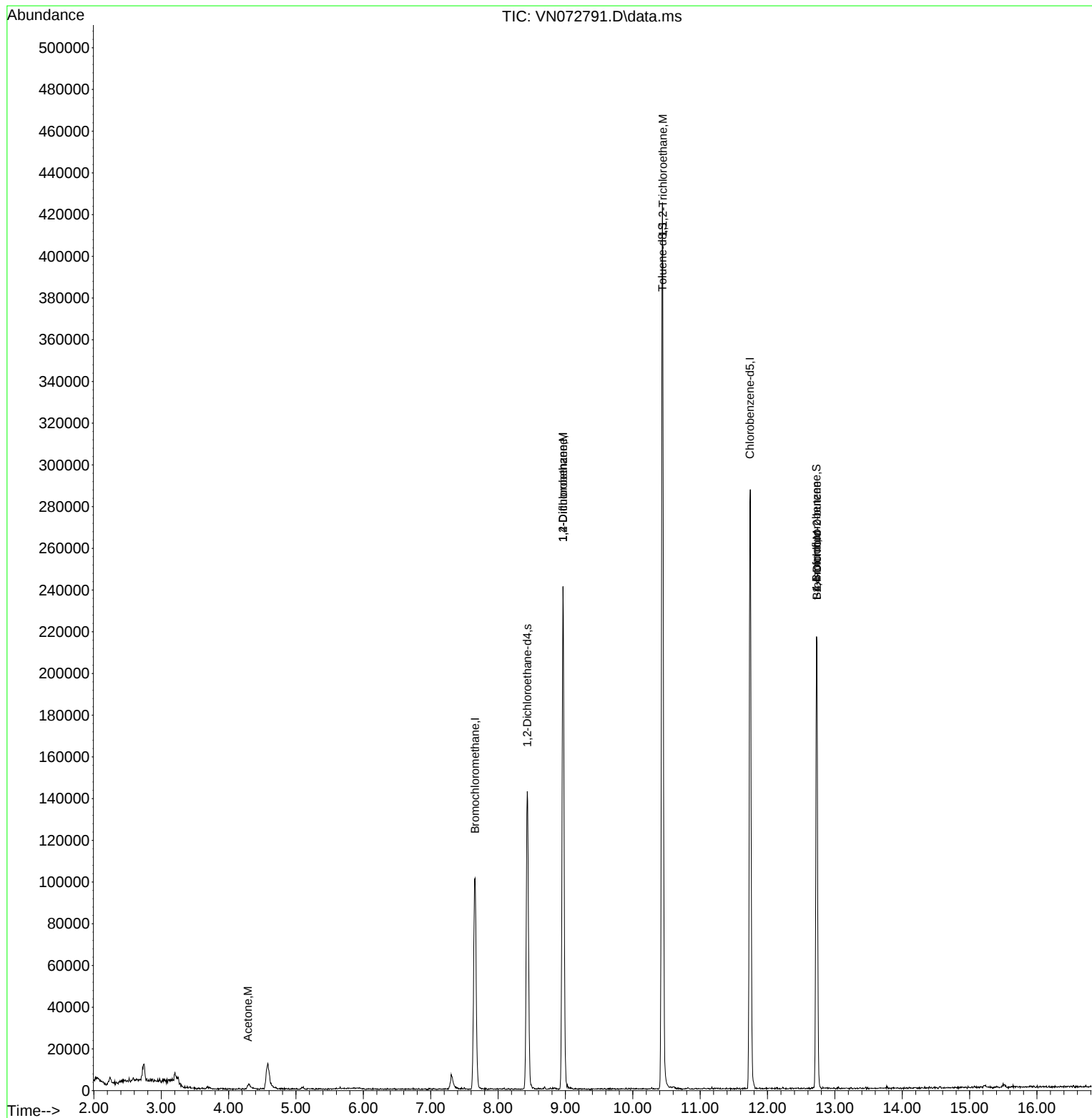
Internal Standards						
1) Bromochloromethane	7.657	128	33430	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	192623	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	153898	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	122432	32.112	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.033%
60) 4-Bromofluorobenzene	12.727	95	75629	23.893	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.633%
63) Toluene-d8	10.439	98	282452	33.131	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	110.433%
Target Compounds						
					Qvalue	
15) Acetone	4.287	58	921	1.831	ug/l #	42
36) 1,2-Dichloroethane	8.963	62	8572	1.868	ug/l #	77
50) 1,1,2-Trichloroethane	10.445	97	9009	3.110	ug/l #	1
56) Bromoform	12.733	173	678	0.304	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.733	75	47062	32.448	ug/l #	8

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

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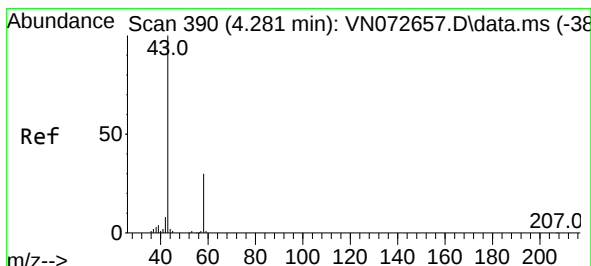
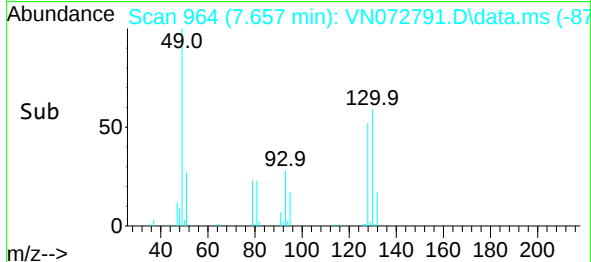
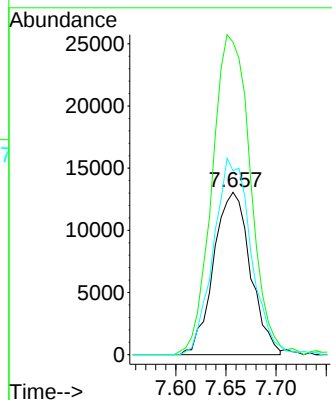
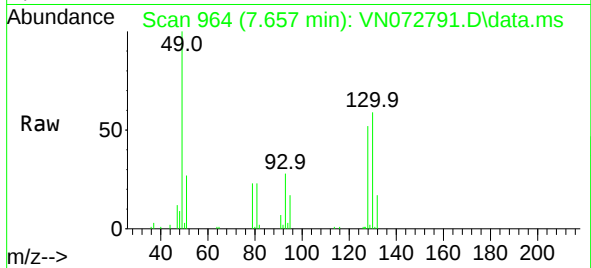




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

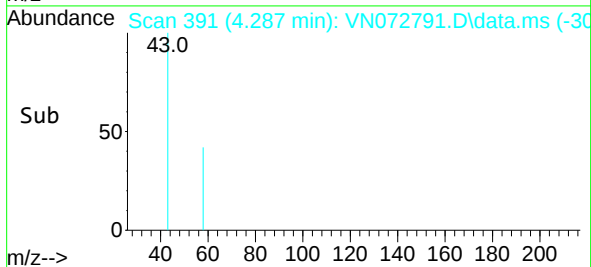
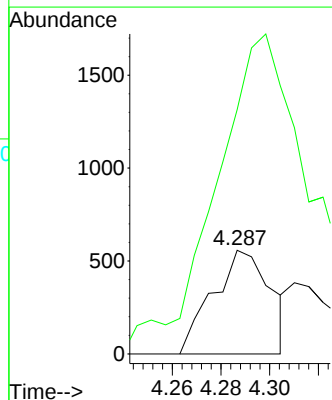
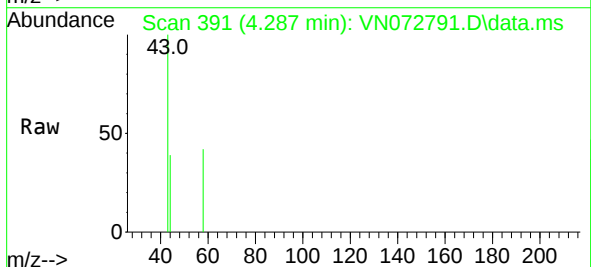
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220608RE

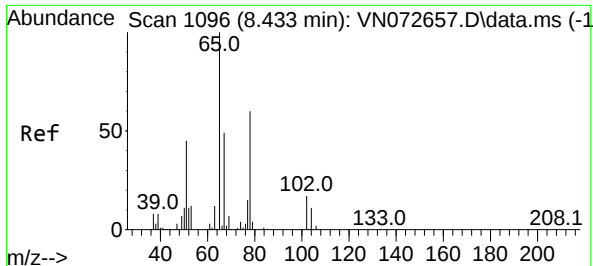
Tgt Ion:128 Resp: 33430
Ion Ratio Lower Upper
128 100
49 203.5 0.0 392.3
130 122.5 0.0 320.2



#15
Acetone
Concen: 1.831 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

Tgt Ion: 58 Resp: 921
Ion Ratio Lower Upper
58 100
43 201.4 256.6 384.8#

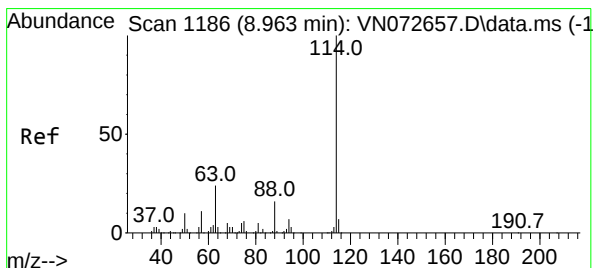
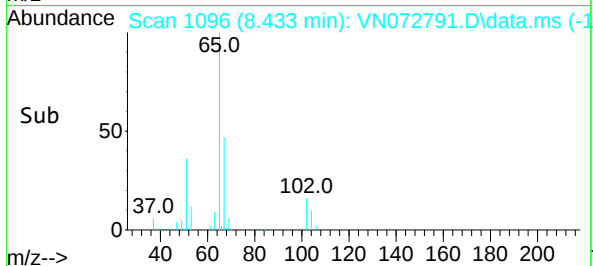
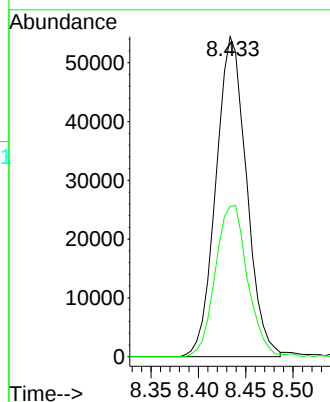
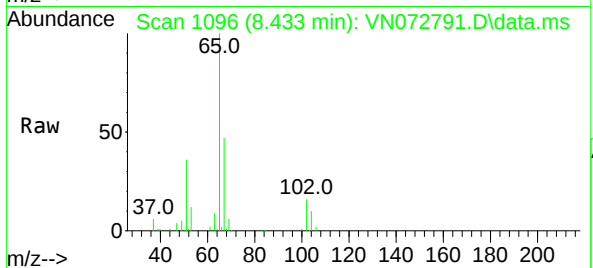




#27
1,2-Dichloroethane-d4
Concen: 32.112 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

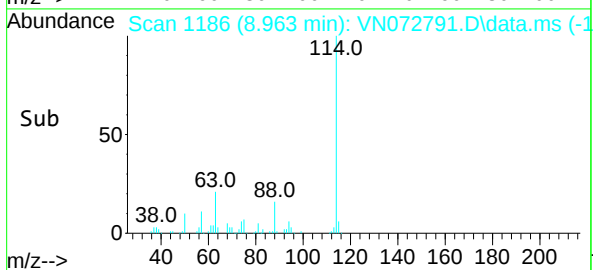
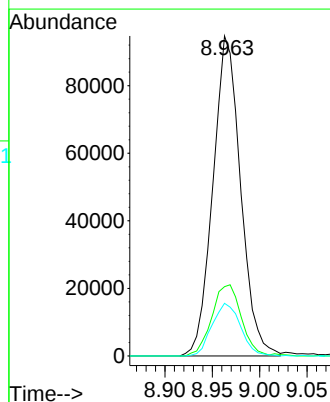
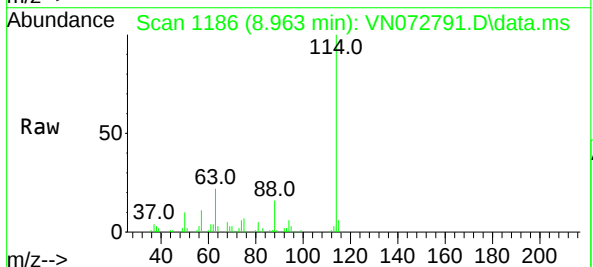
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220608RE

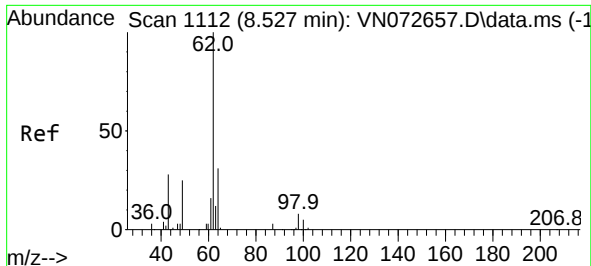
Tgt Ion: 65 Resp: 122432
Ion Ratio Lower Upper
65 100
67 49.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

Tgt Ion: 114 Resp: 192623
Ion Ratio Lower Upper
114 100
63 23.6 15.8 23.6
88 16.9 11.6 17.4





#36

1,2-Dichloroethane

Concen: 1.868 ug/l

RT: 8.963 min Scan# 1112

Delta R.T. 0.435 min

Lab File: VN072791.D

Acq: 11 Jun 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

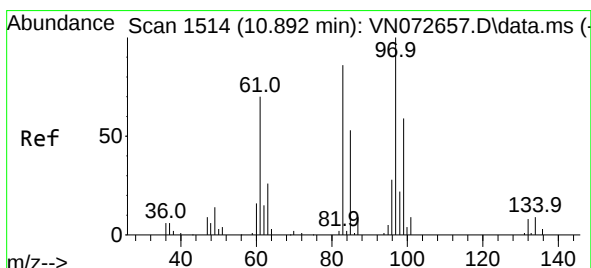
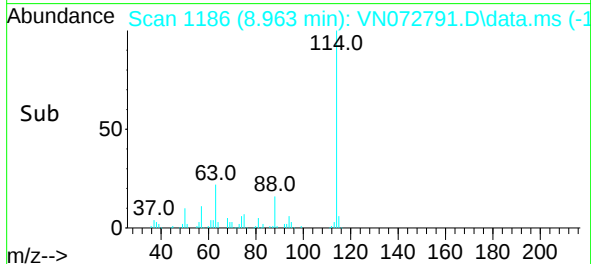
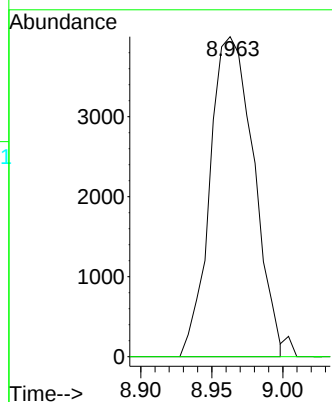
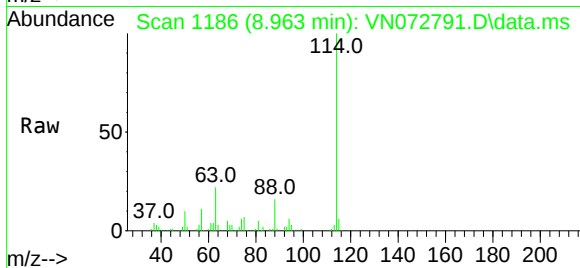
TT-TB-20220608RE

Tgt Ion: 62 Resp: 8572

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#50

1,1,2-Trichloroethane

Concen: 3.110 ug/l

RT: 10.445 min Scan# 1438

Delta R.T. -0.447 min

Lab File: VN072791.D

Acq: 11 Jun 2022 15:42

Tgt Ion: 97 Resp: 9009

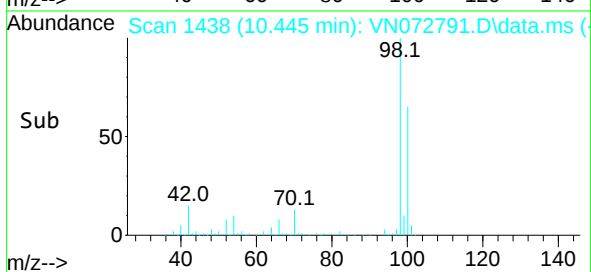
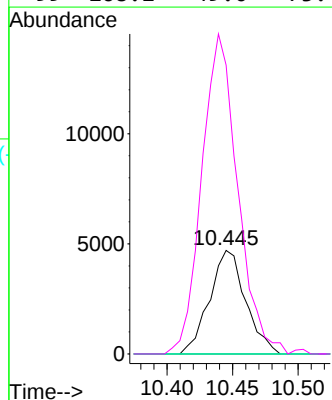
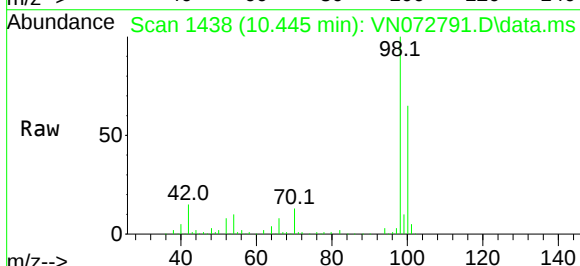
Ion Ratio Lower Upper

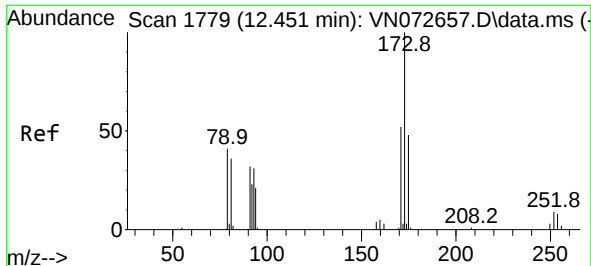
97 100

83 0.0 67.2 100.8#

85 0.0 43.0 64.4#

99 268.2 49.0 73.4#

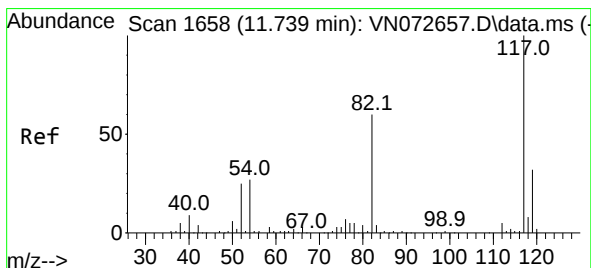
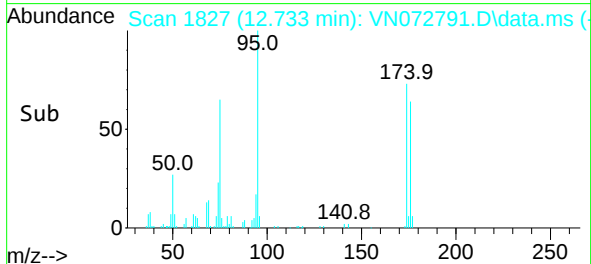
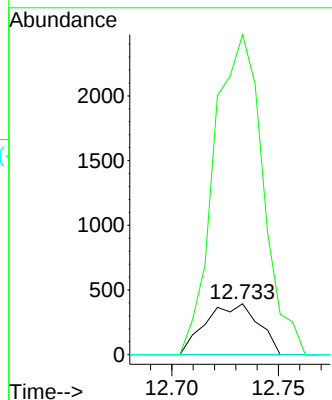
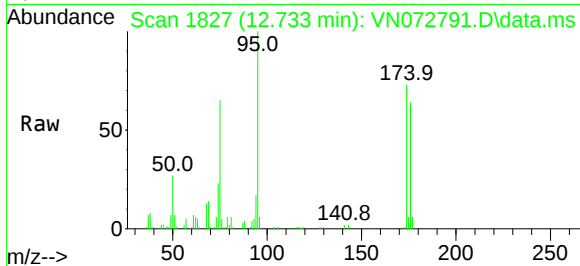




#56
Bromoform
Concen: 0.304 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.282 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

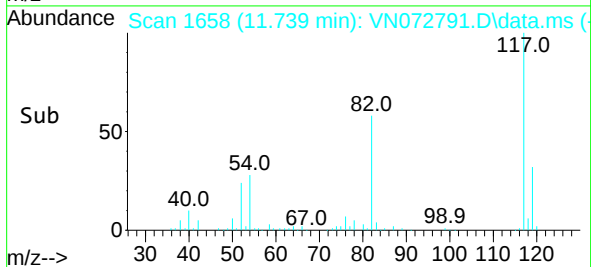
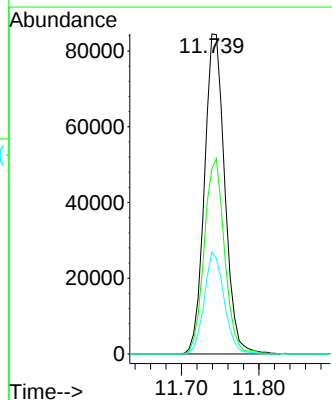
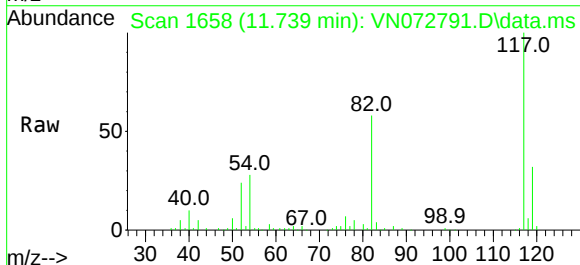
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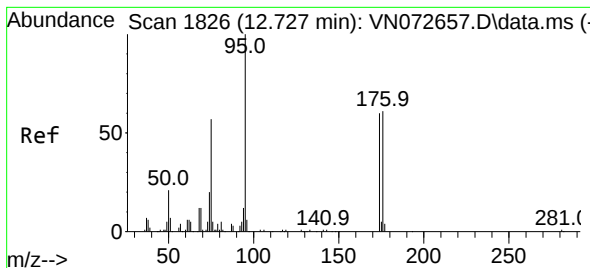
Tgt Ion:173 Resp: 678
Ion Ratio Lower Upper
173 100
175 582.7 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

Tgt Ion:117 Resp: 153898
Ion Ratio Lower Upper
117 100
82 60.5 43.6 65.4
119 31.3 25.8 38.6

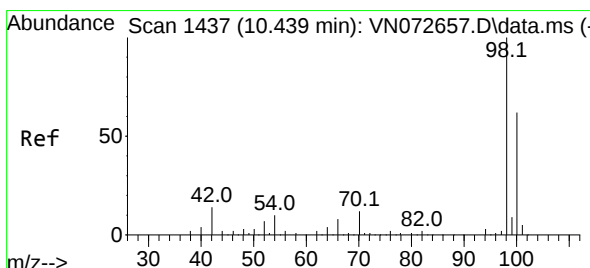
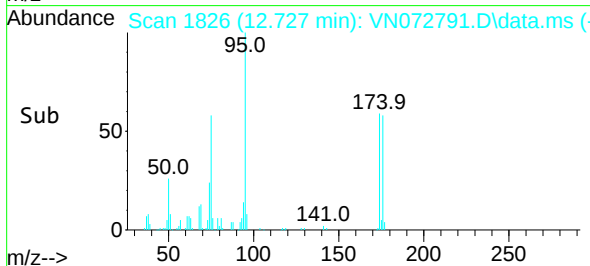
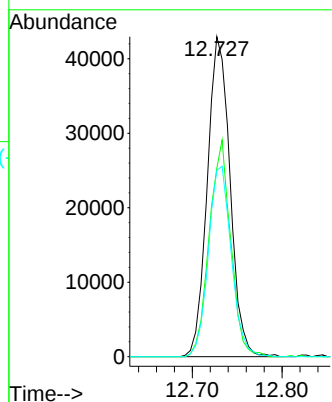
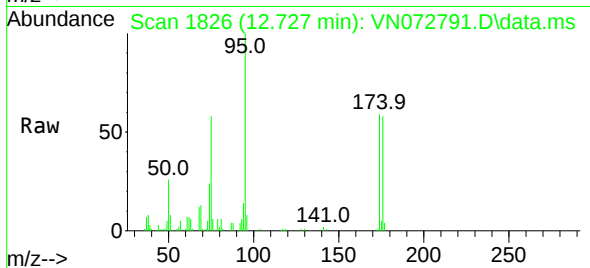




#60
4-Bromofluorobenzene
Concen: 23.893 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

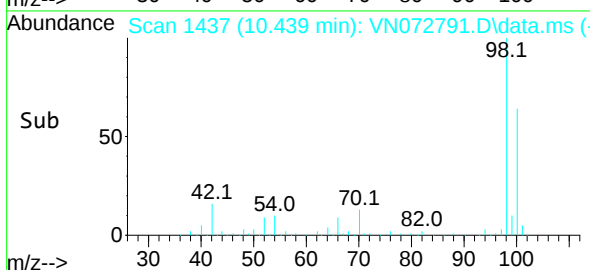
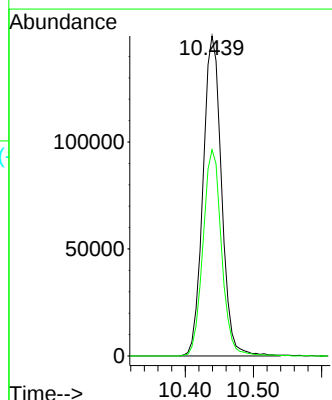
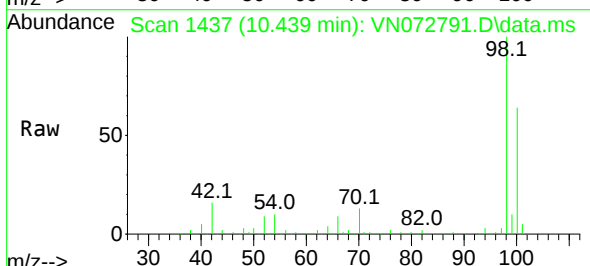
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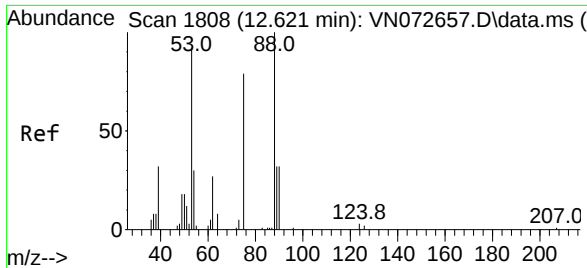
Tgt Ion: 95 Resp: 75629
Ion Ratio Lower Upper
95 100
174 63.9 62.9 94.3
176 60.0 61.0 91.4#



#63
Toluene-d8
Concen: 33.131 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072791.D
Acq: 11 Jun 2022 15:42

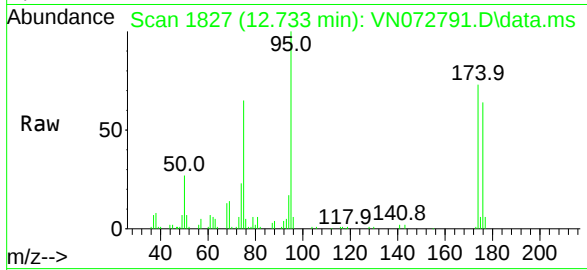
Tgt Ion: 98 Resp: 282452
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0





#77
 t-1,4-Dichloro-2-butene
 Concen: 32.448 ug/l
 RT: 12.733 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN072791.D
 Acq: 11 Jun 2022 15:42

Instrument :
 MSVOA_N
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Tgt Ion: 75 Resp: 47062
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.5#
 89 0.0 22.9 68.7#

