

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072416.D
 Acq On : 11 May 2022 14:51
 Operator : JC\MD
 Sample : N2763-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220509

Quant Time: May 12 02:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

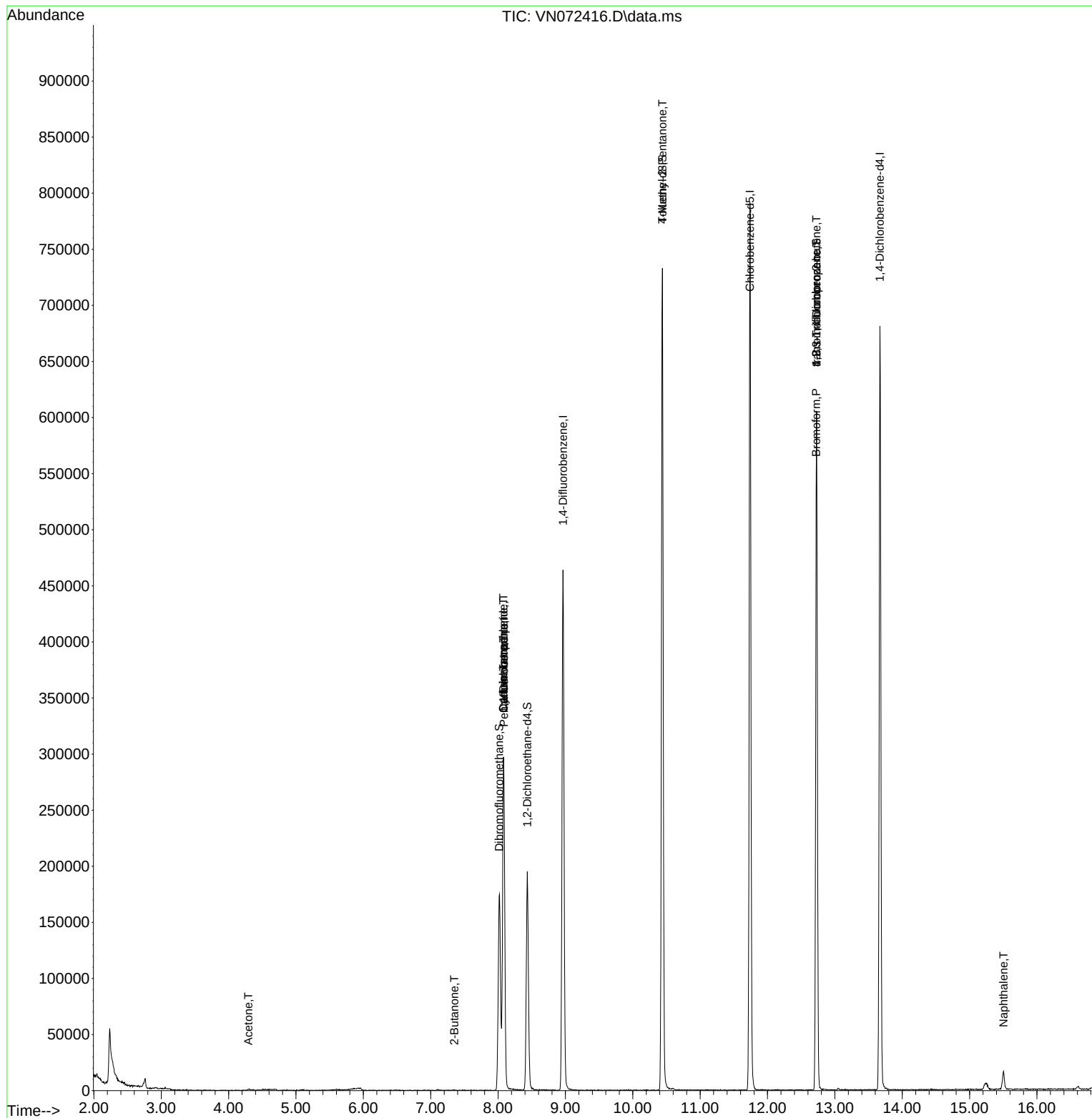
Internal Standards						
1) Pentafluorobenzene	8.087	168	216959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	397823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	440742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	181929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	167372	50.366	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.740%	
35) Dibromofluoromethane	8.016	113	127657	48.232	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.460%	
50) Toluene-d8	10.439	98	498564	49.461	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.727	95	207977	62.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 124.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	926	Below Cal		94
6) Chloroethane	3.022	64	788	Below Cal	#	42
16) Acetone	4.293	43	326	0.248	ug/l #	42
25) 2-Butanone	7.351	43	867	0.417	ug/l #	45
31) Cyclohexane	8.081	56	5319	1.208	ug/l #	23
36) 1,1-Dichloropropene	8.081	75	18153	4.775	ug/l #	49
38) Carbon Tetrachloride	8.081	117	23776	5.588	ug/l #	17
51) 4-Methyl-2-Pentanone	10.439	43	2173	0.500	ug/l #	1
71) Bromoform	12.722	173	1314	0.494	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	113169	23.850	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	113169	79.564	ug/l #	11
95) Naphthalene	15.504	128	18337	5.152	ug/l	97

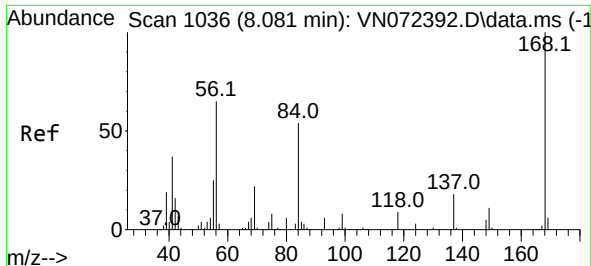
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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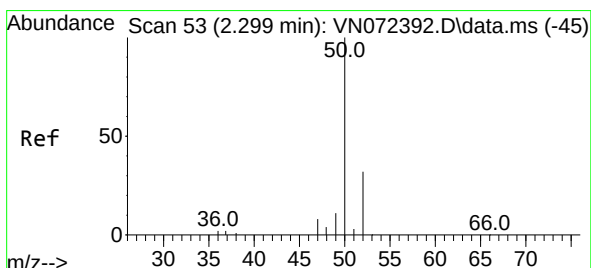
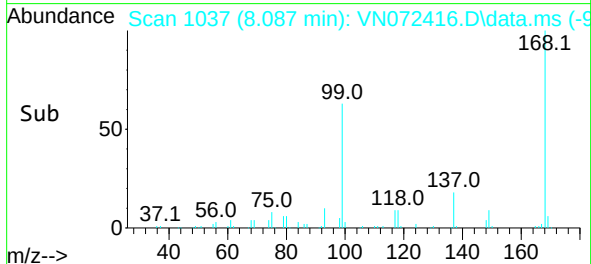
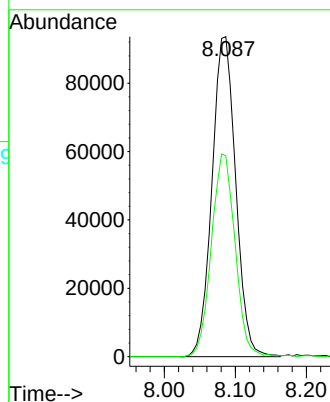
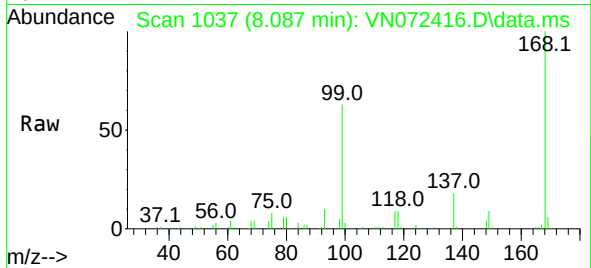




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

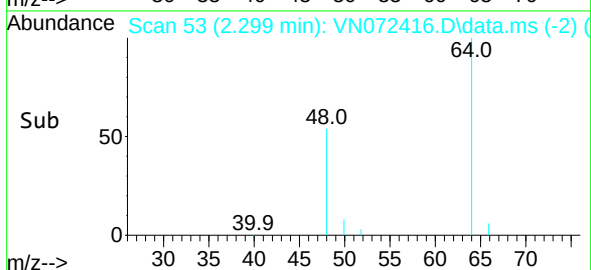
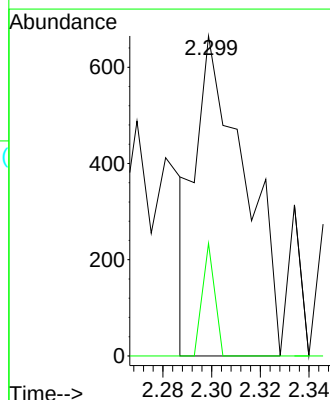
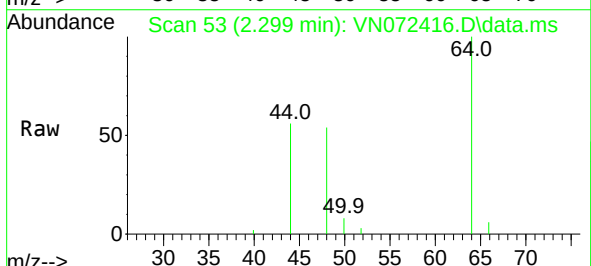
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509

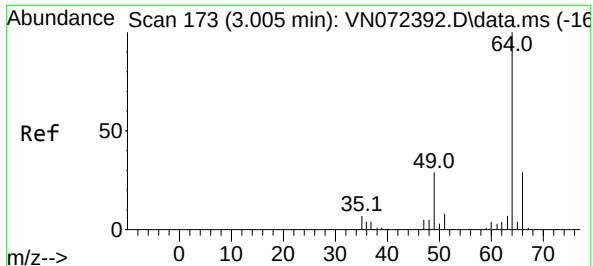
Tgt Ion:168 Resp: 216959
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion: 50 Resp: 926
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5

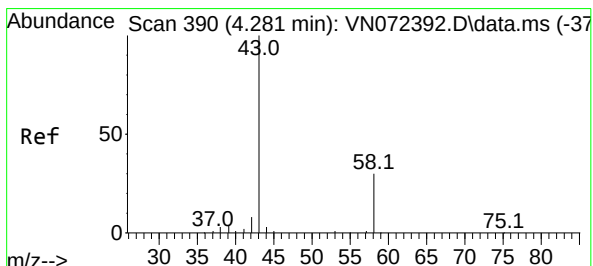
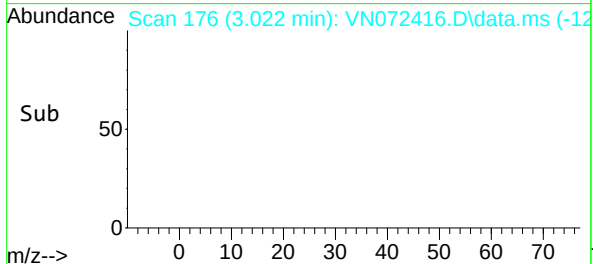
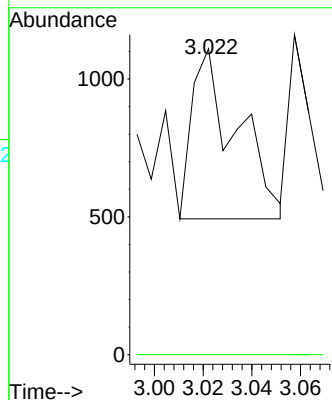
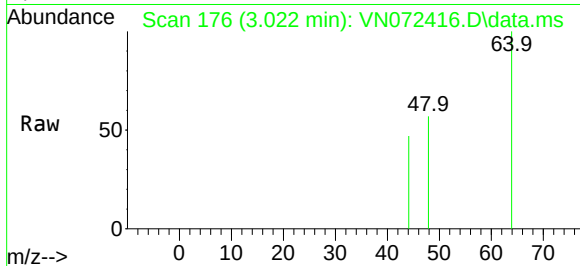




#6
Chloroethane
Concen: Below Cal
RT: 3.022 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

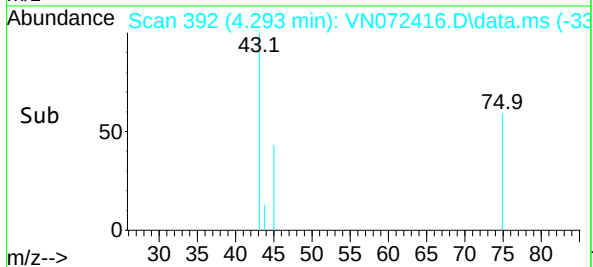
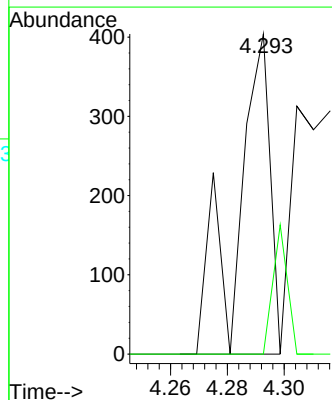
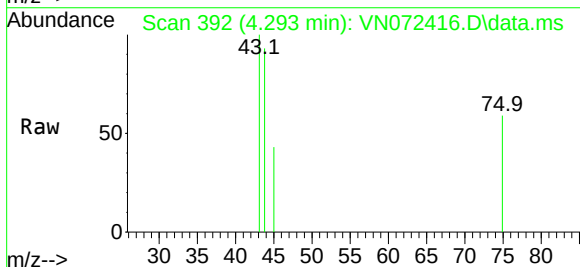
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509

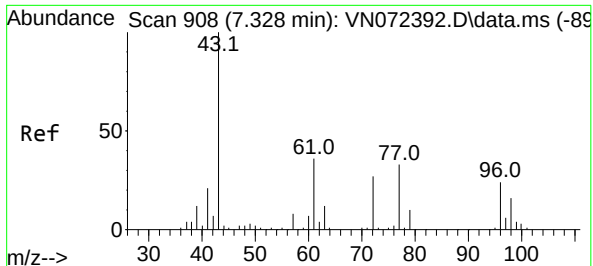
Tgt Ion: 64 Resp: 788
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.248 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#25

2-Butanone

Concen: 0.417 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072416.D

Acq: 11 May 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

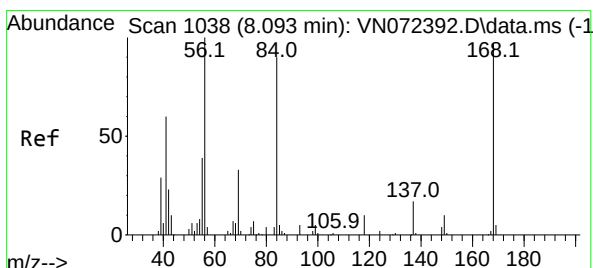
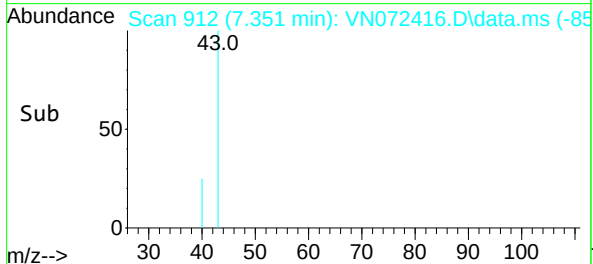
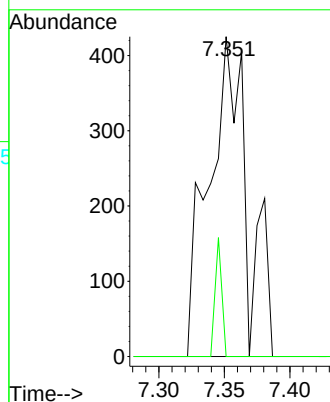
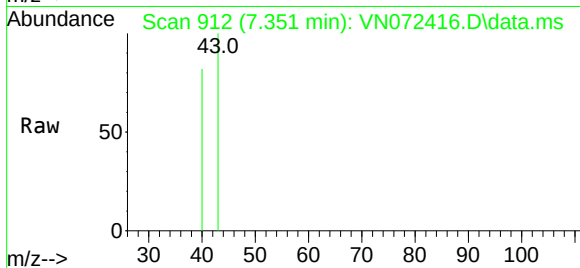
TB-20220509

Tgt Ion: 43 Resp: 867

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072416.D

Acq: 11 May 2022 14:51

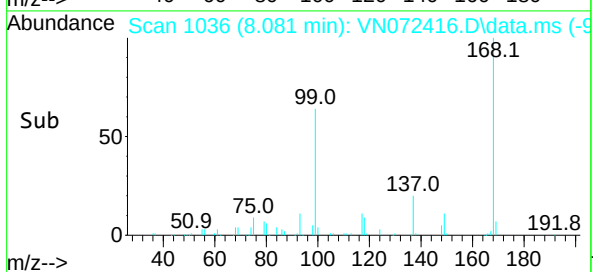
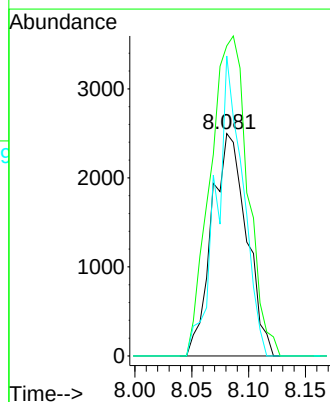
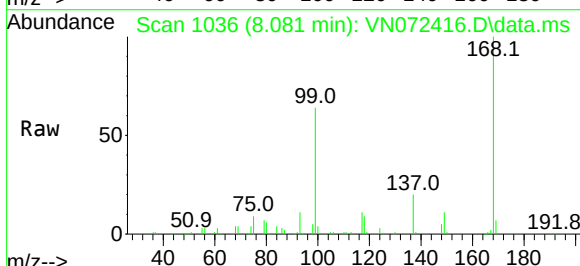
Tgt Ion: 56 Resp: 5319

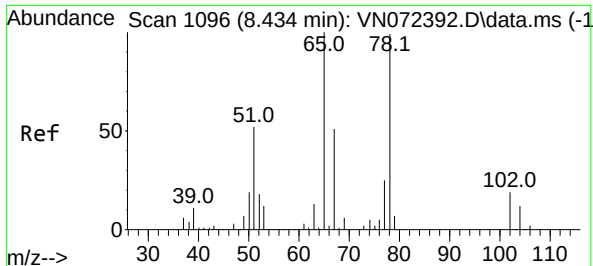
Ion Ratio Lower Upper

56 100

69 139.4 27.8 41.8#

84 134.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.366 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072416.D

Acq: 11 May 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

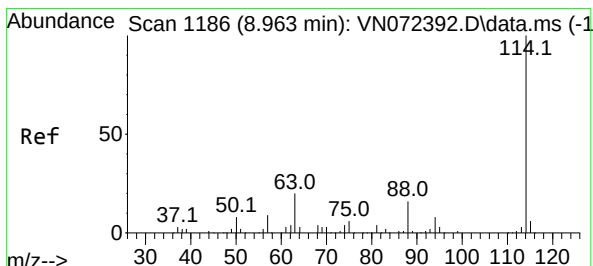
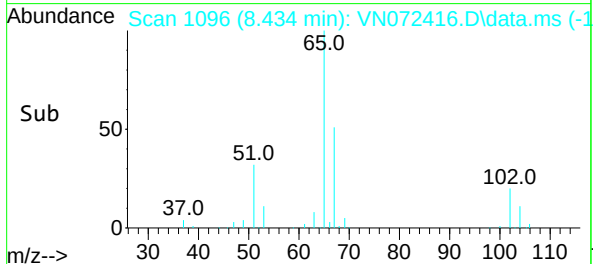
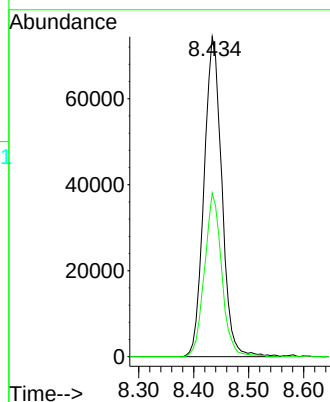
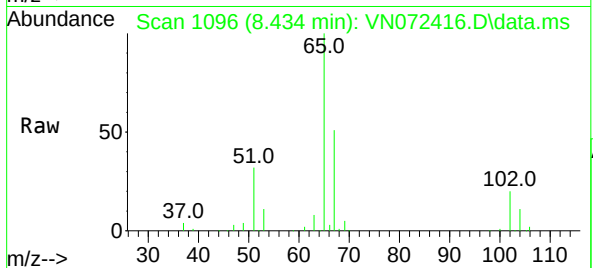
TB-20220509

Tgt Ion: 65 Resp: 167372

Ion Ratio Lower Upper

65 100

67 49.5 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: VN072416.D

Acq: 11 May 2022 14:51

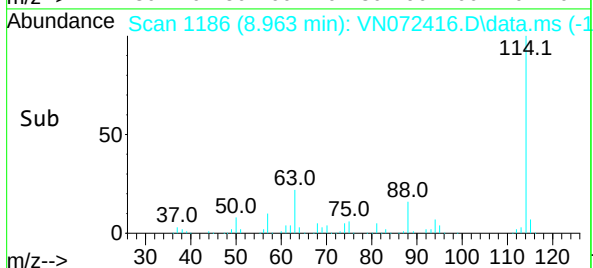
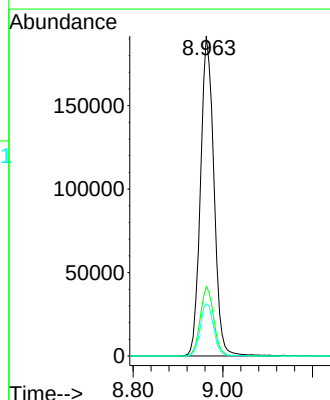
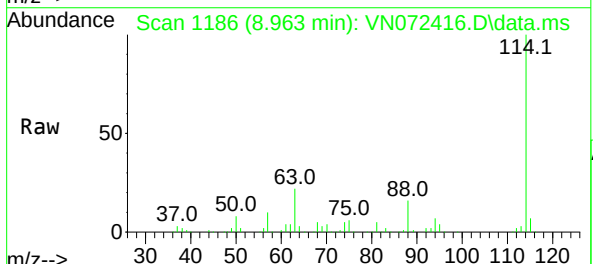
Tgt Ion: 114 Resp: 397823

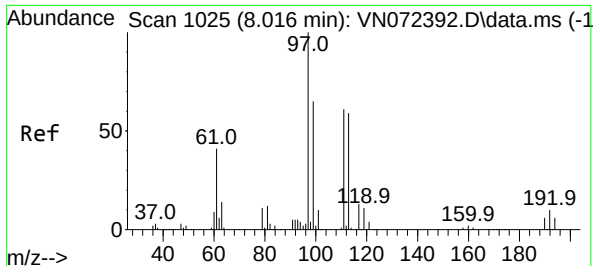
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.232 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072416.D

Acq: 11 May 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

TB-20220509

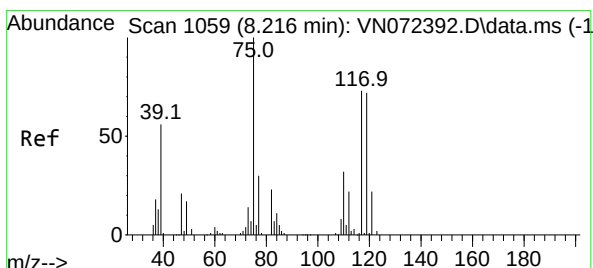
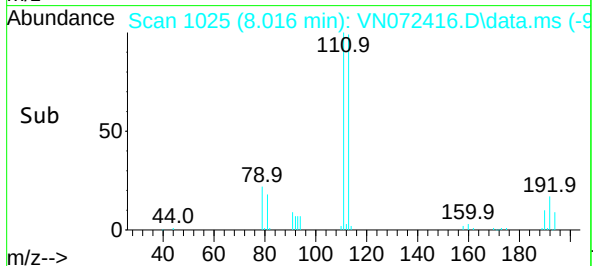
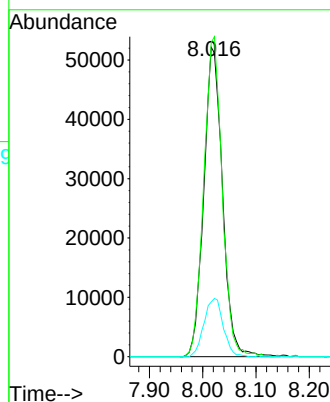
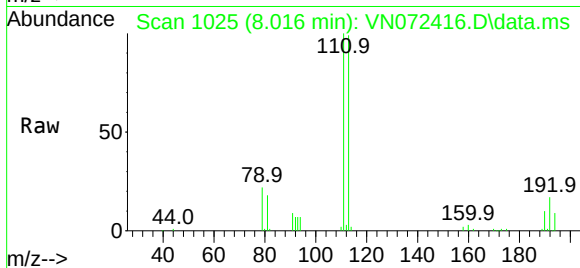
Tgt Ion:113 Resp: 127657

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 19.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.775 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072416.D

Acq: 11 May 2022 14:51

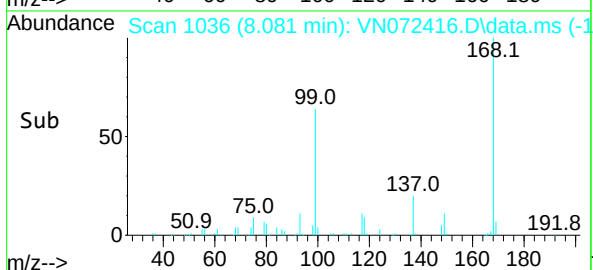
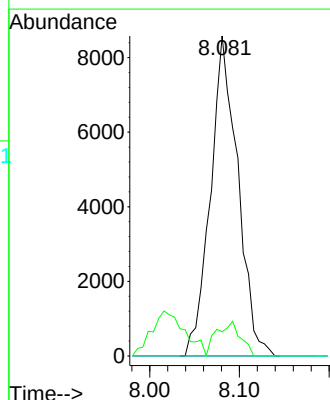
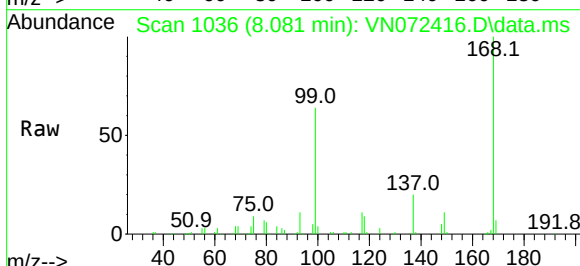
Tgt Ion: 75 Resp: 18153

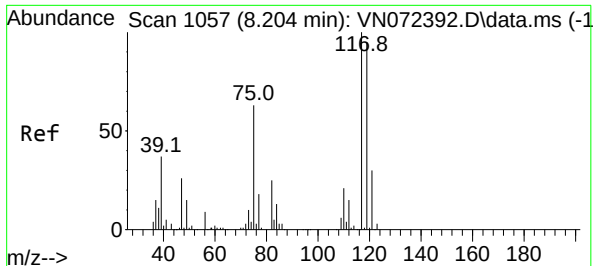
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

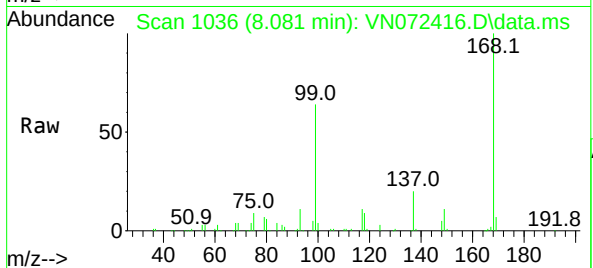
77 0.0 25.1 37.7#



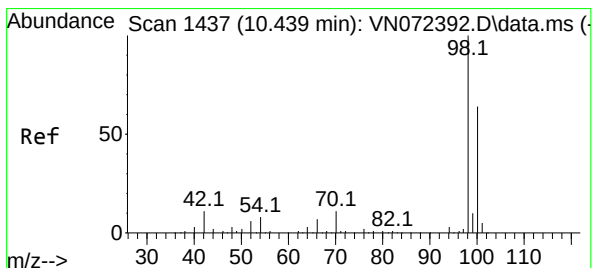
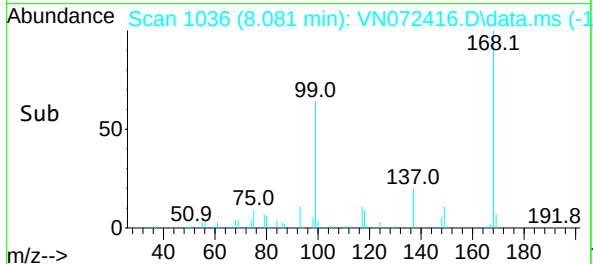
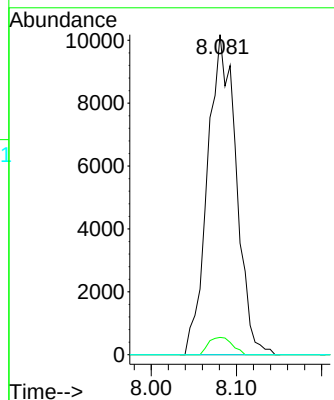


#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 8.081 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Instrument :
MSVOA_N
ClientSampleId :
TB-20220509

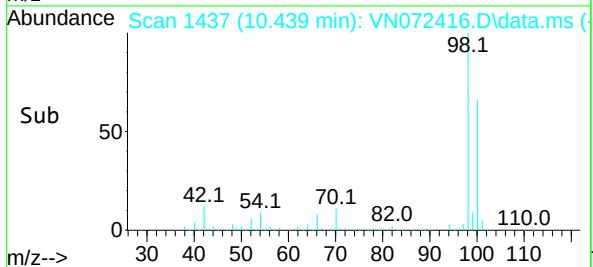
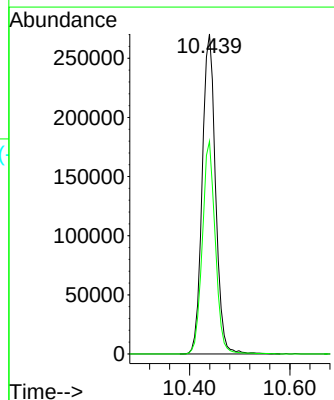
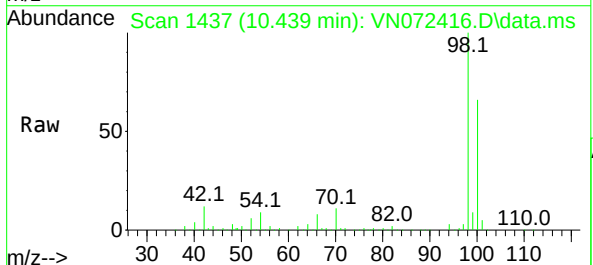


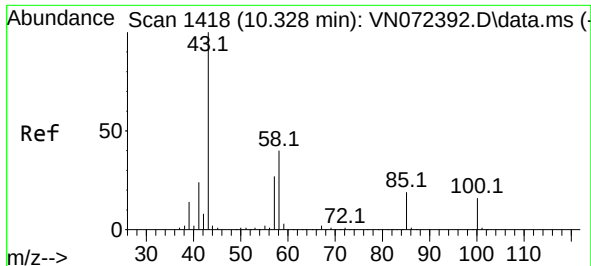
Tgt Ion:117 Resp: 23776
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.461 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion: 98 Resp: 498564
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

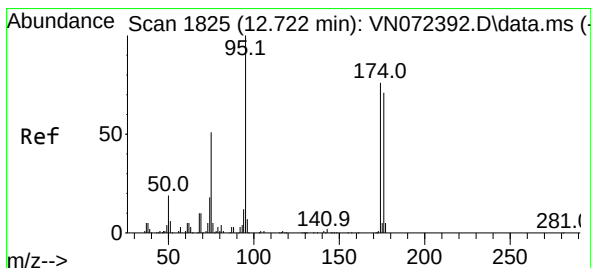
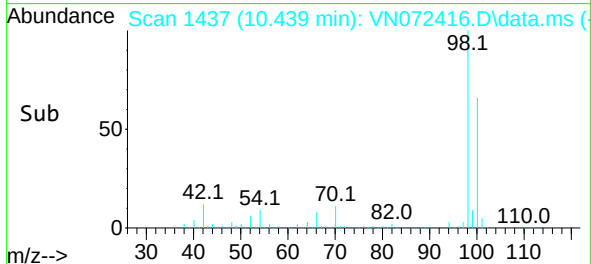
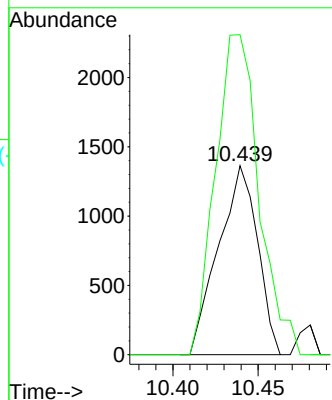
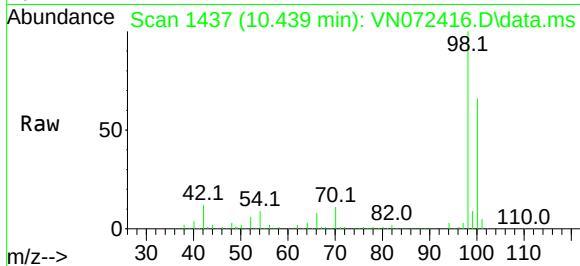




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.111 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

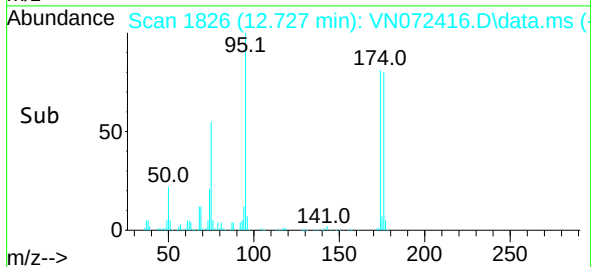
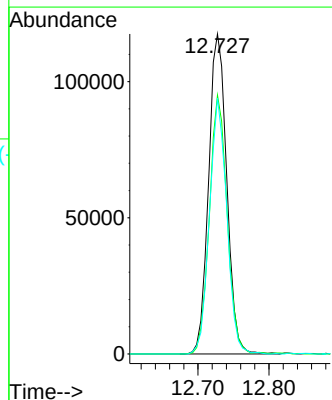
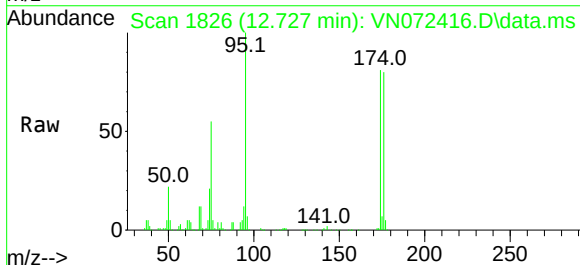
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509

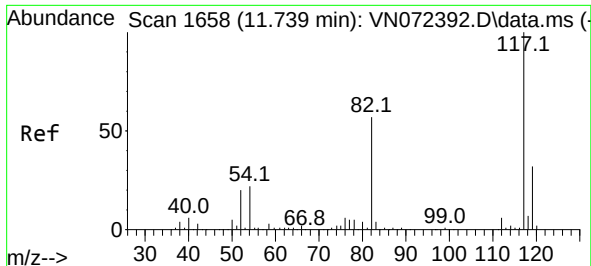
Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 189.0 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 62.127 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion: 95 Resp: 207977
Ion Ratio Lower Upper
95 100
174 79.0 0.0 167.6
176 76.2 0.0 163.4

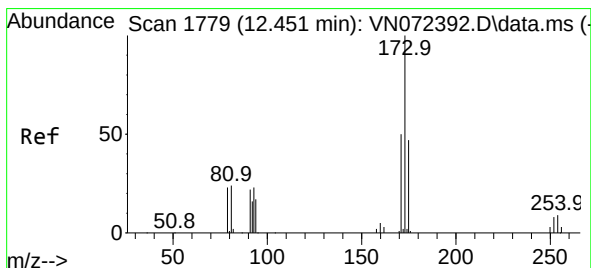
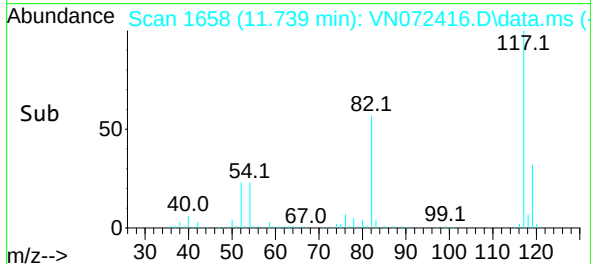
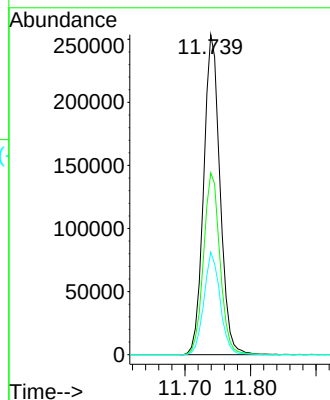
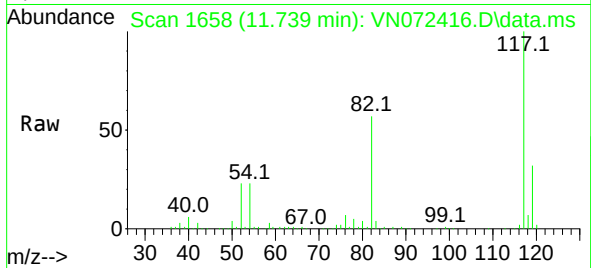




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

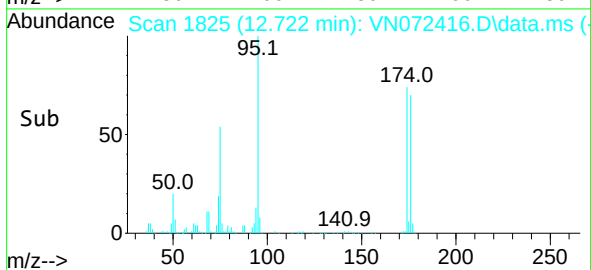
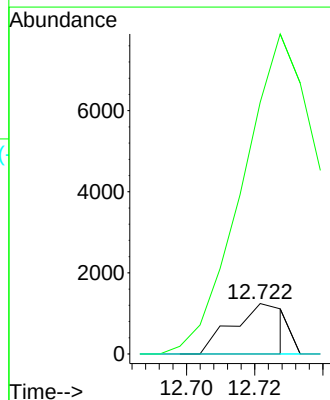
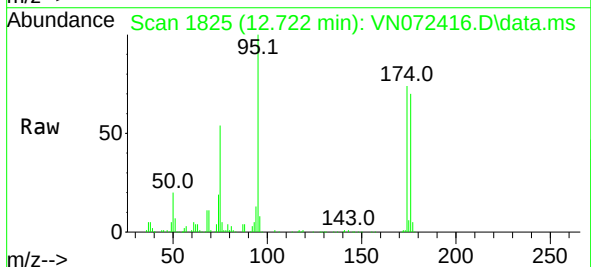
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509

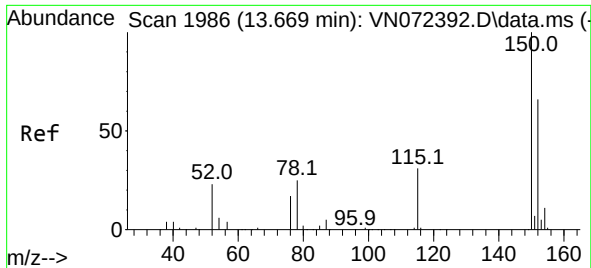
Tgt Ion:117 Resp: 440742
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.0 25.4 38.0



#71
Bromoform
Concen: 0.494 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion:173 Resp: 1314
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

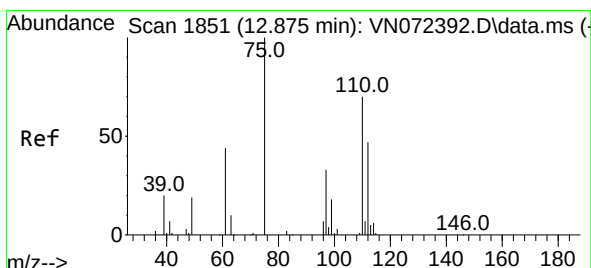
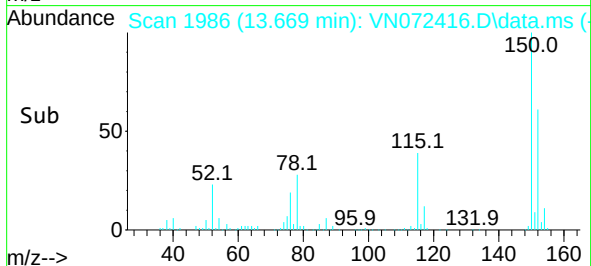
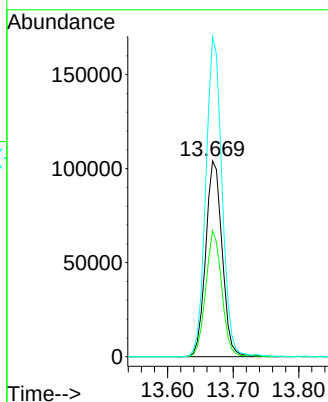
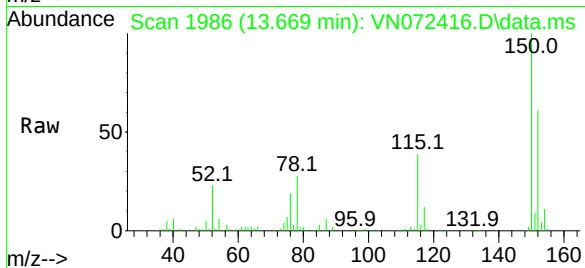




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072416.D
 Acq: 11 May 2022 14:51

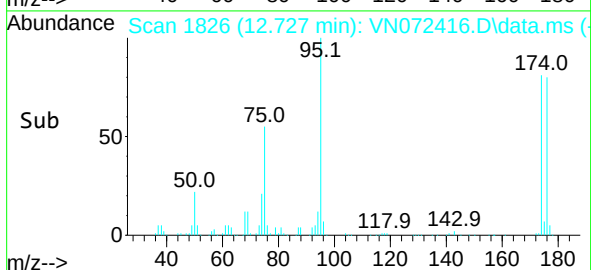
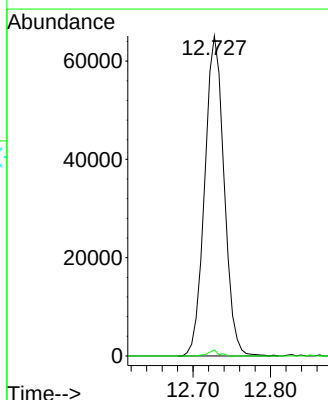
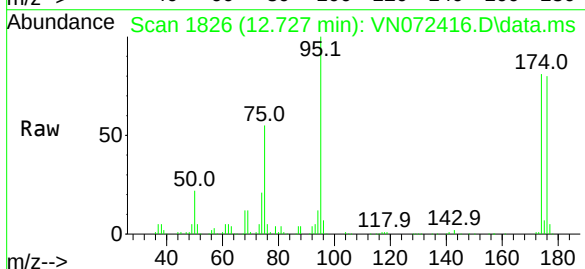
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220509

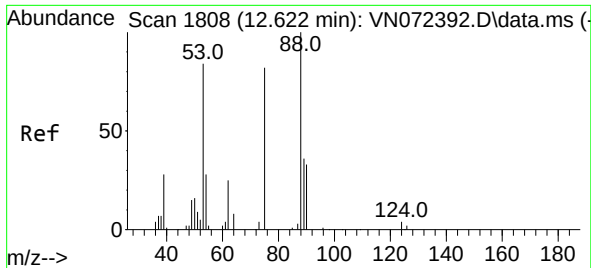
Tgt Ion:152 Resp: 181929
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.9 86.7
 150 160.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.850 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072416.D
 Acq: 11 May 2022 14:51

Tgt Ion: 75 Resp: 113169
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

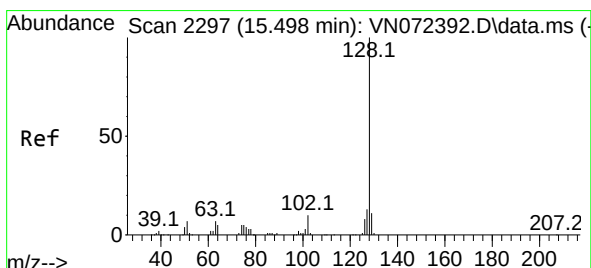
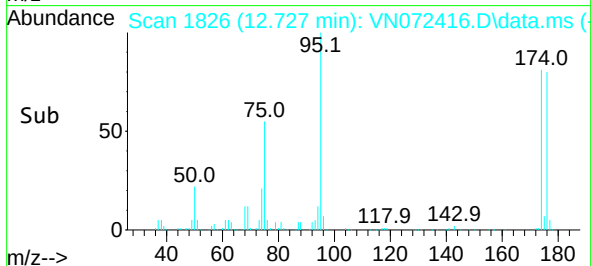
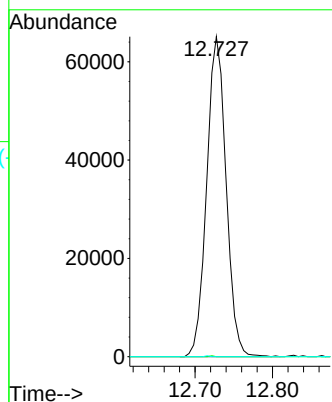
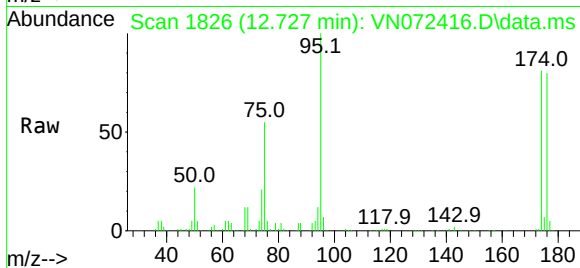




#81
trans-1,4-Dichloro-2-butene
Concen: 79.564 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Instrument : MSVOA_N
ClientSampleId : TB-20220509

Tgt Ion: 75 Resp: 113169
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 5.152 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072416.D
Acq: 11 May 2022 14:51

Tgt Ion:128 Resp: 18337
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 10.1 8.6 13.0

