

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072421.D
 Acq On : 11 May 2022 16:52
 Operator : JC\MD
 Sample : N2763-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220509RE

Quant Time: May 12 02:13:23 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)

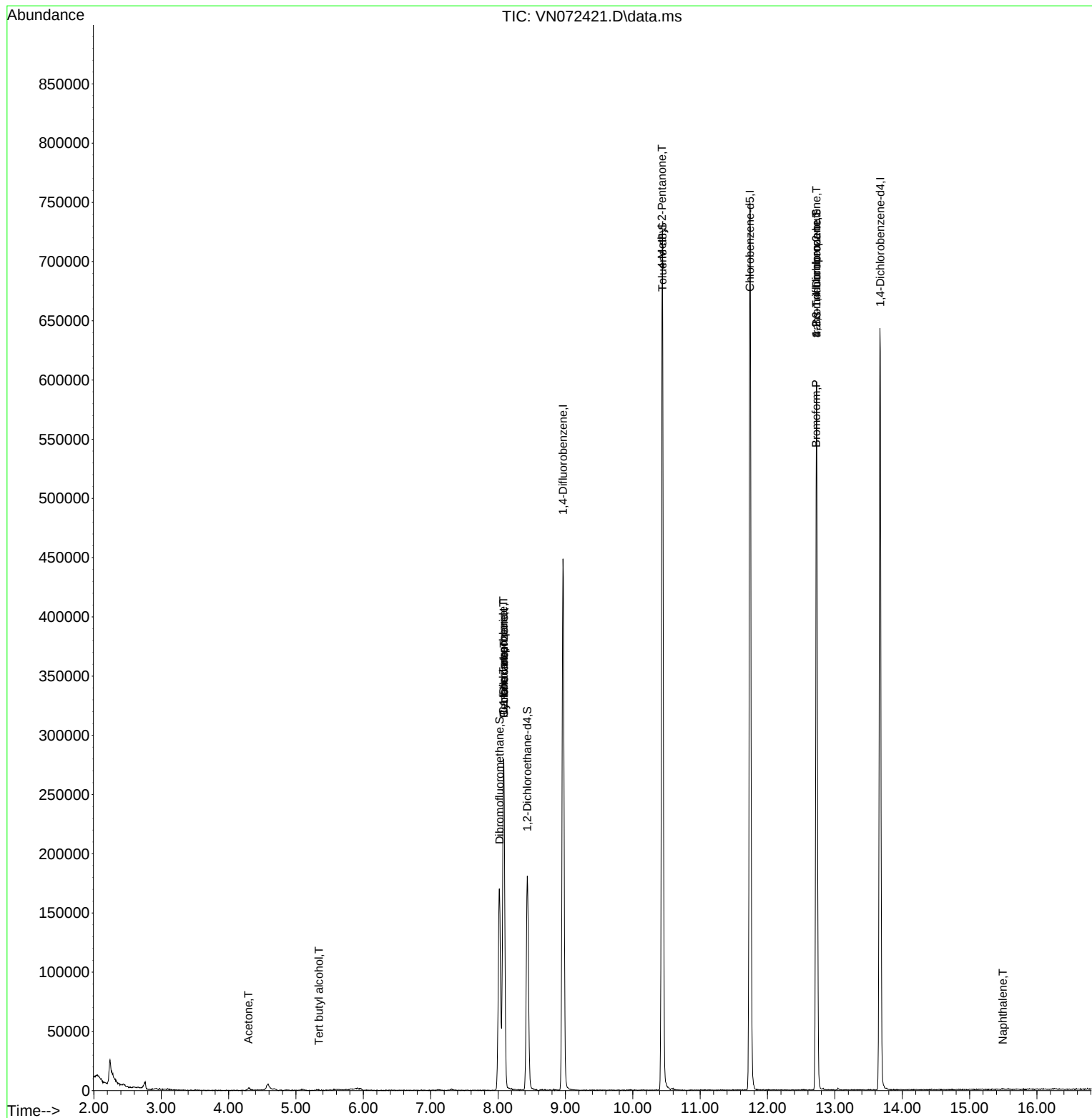
Internal Standards						
1) Pentafluorobenzene	8.086	168	204757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	379964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	425413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	173106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	163802	52.229	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.460%		
35) Dibromofluoromethane	8.022	113	123166	48.723	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.440%		
50) Toluene-d8	10.439	98	487163	50.601	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.200%		
62) 4-Bromofluorobenzene	12.727	95	199084	62.266	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 124.540%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	715	Below Cal	#	86
6) Chloroethane	3.010	64	646	Below Cal	#	42
11) Tert butyl alcohol	5.340	59	125	0.244	ug/l #	72
16) Acetone	4.293	43	2828	2.277	ug/l #	78
31) Cyclohexane	8.086	56	4973	1.197	ug/l #	41
36) 1,1-Dichloropropene	8.081	75	16777	4.621	ug/l #	50
38) Carbon Tetrachloride	8.081	117	23034	5.668	ug/l #	16
51) 4-Methyl-2-Pentanone	10.433	43	2179	0.524	ug/l #	1
71) Bromoform	12.721	173	1205	0.470	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	109791	24.317	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	109791	81.123	ug/l #	10
95) Naphthalene	15.492	128	338	3.215	ug/l #	69

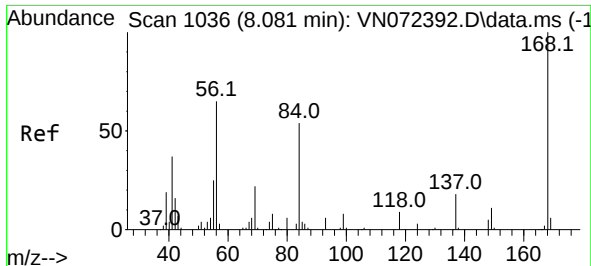
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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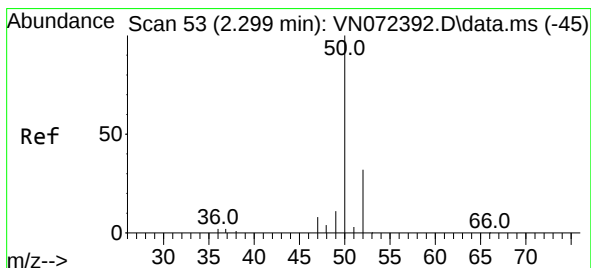
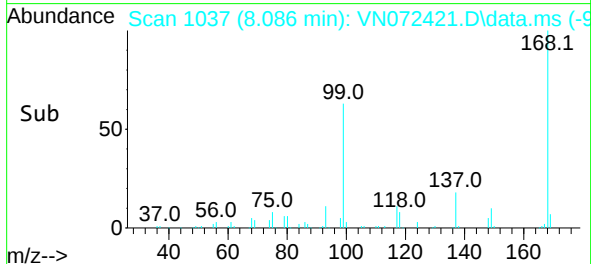
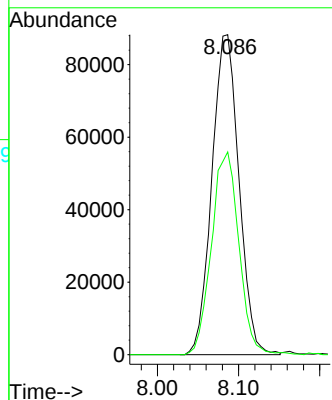
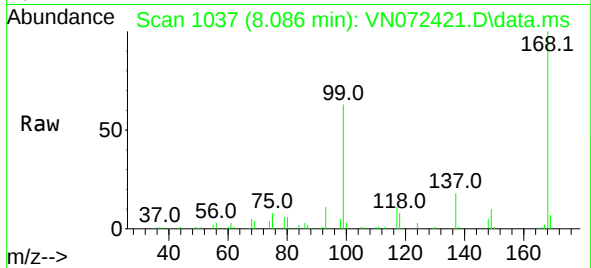




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

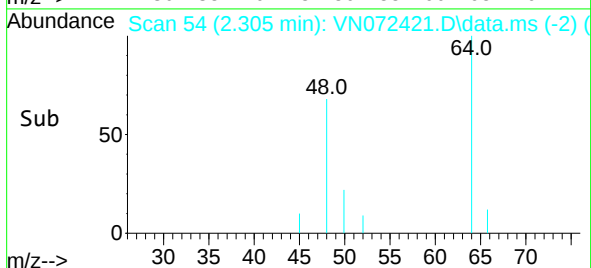
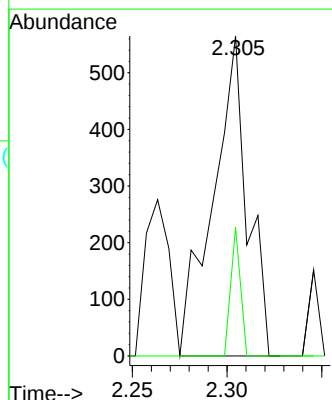
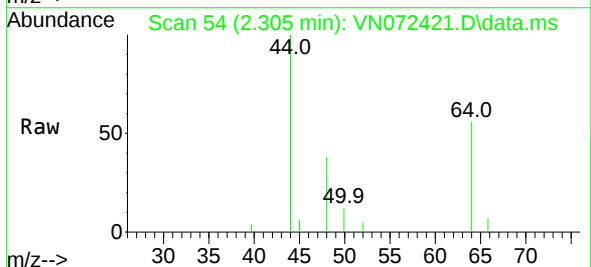
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

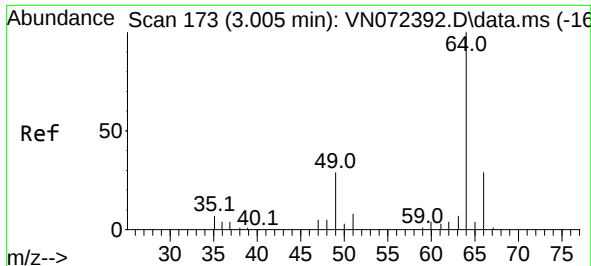
Tgt Ion:168 Resp: 204757
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 40.2 25.7 38.5#

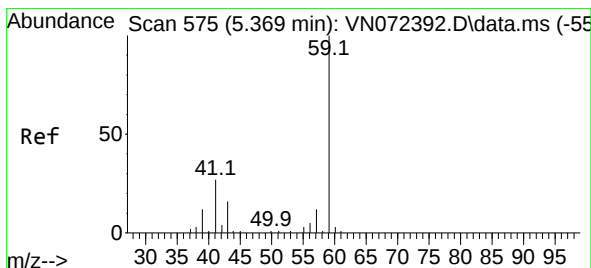
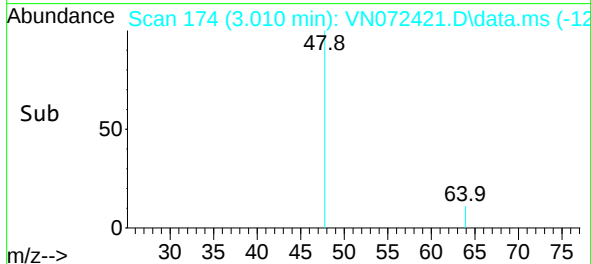
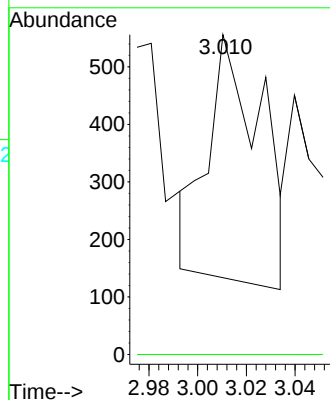
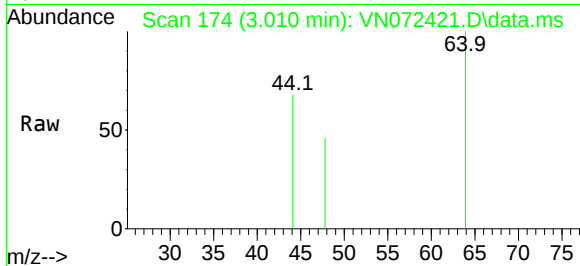




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

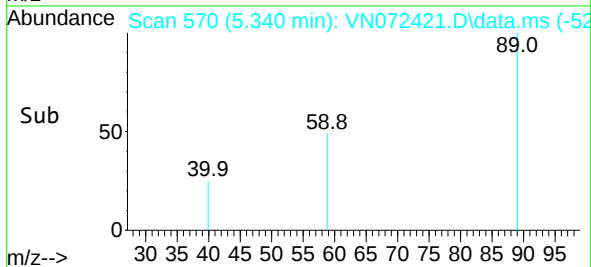
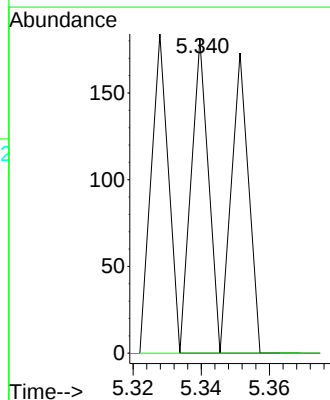
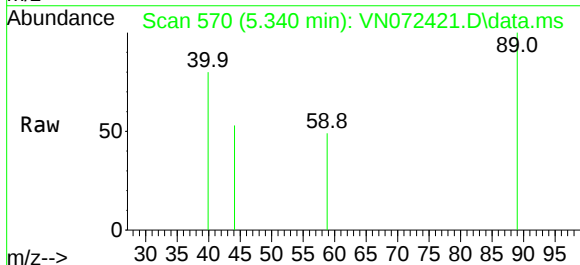
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

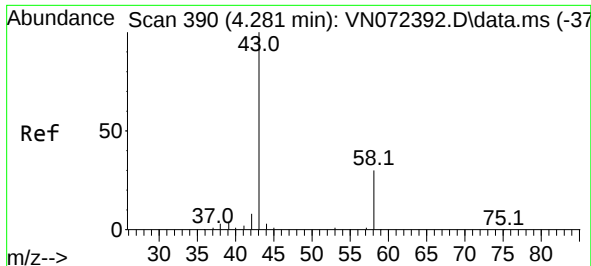
Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.244 ug/l
RT: 5.340 min Scan# 570
Delta R.T. -0.029 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

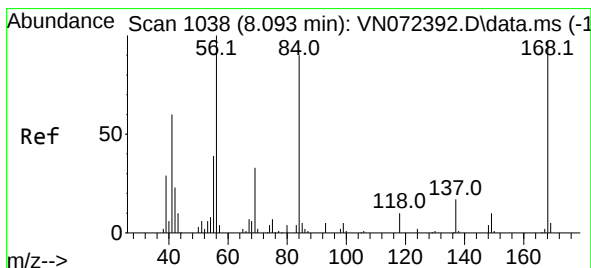
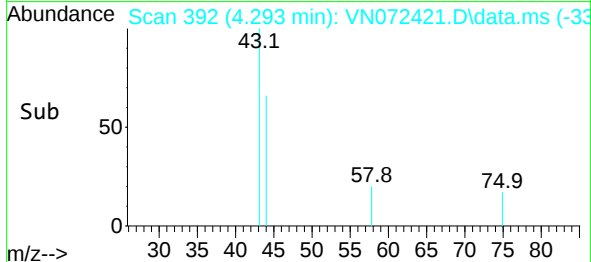
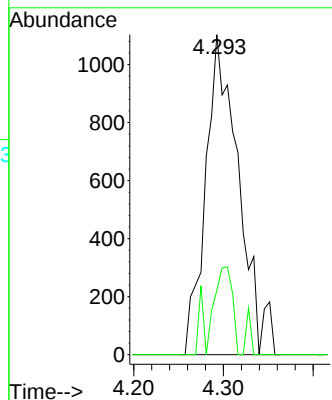
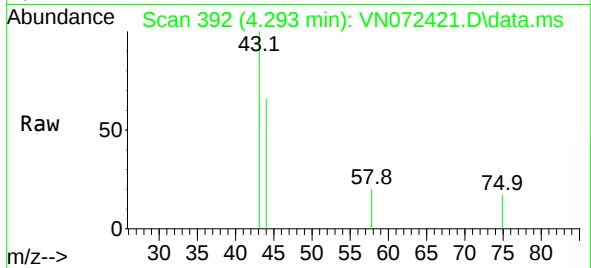




#16
Acetone
Concen: 2.277 ug/l
RT: 4.293 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

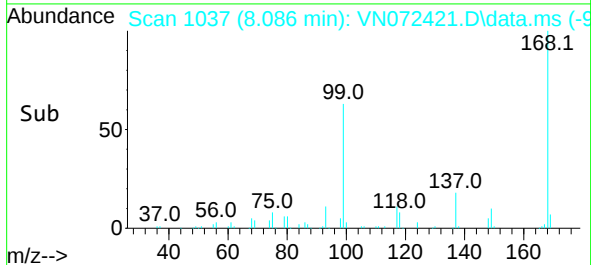
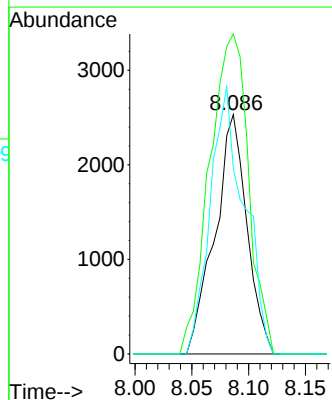
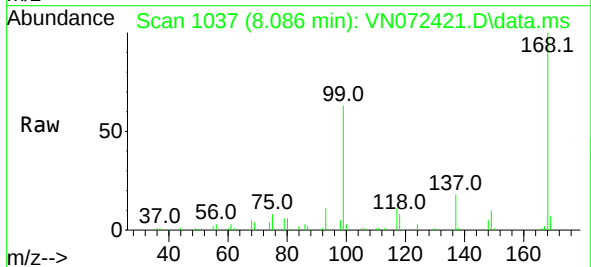
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

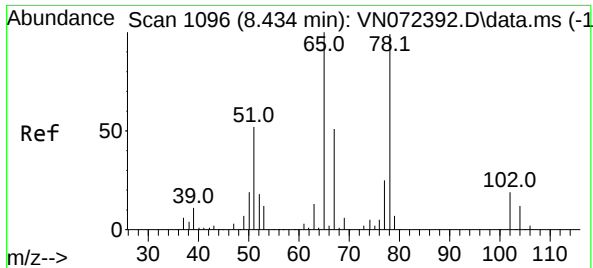
Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 20.1 26.0 39.0#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion: 56 Resp: 4973
Ion Ratio Lower Upper
56 100
69 133.7 27.8 41.8#
84 77.5 76.9 115.3

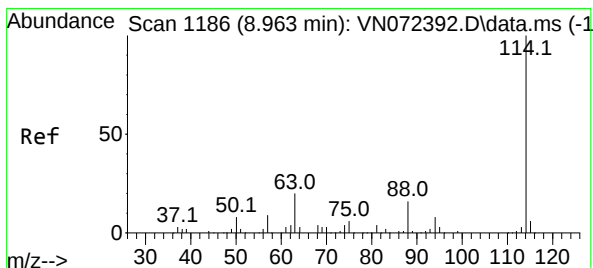
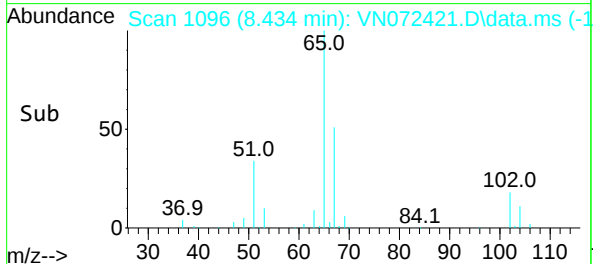
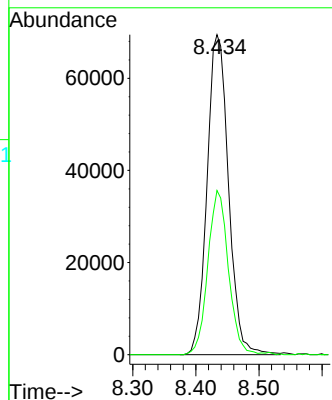
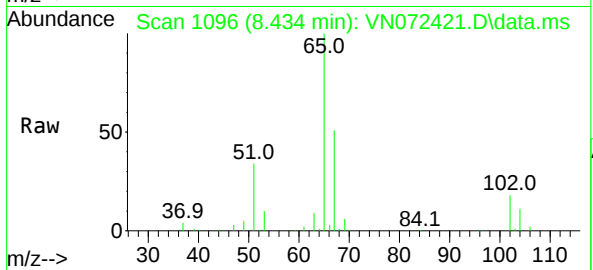




#33
 1,2-Dichloroethane-d4
 Concen: 52.229 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: VN072421.D
 Acq: 11 May 2022 16:52

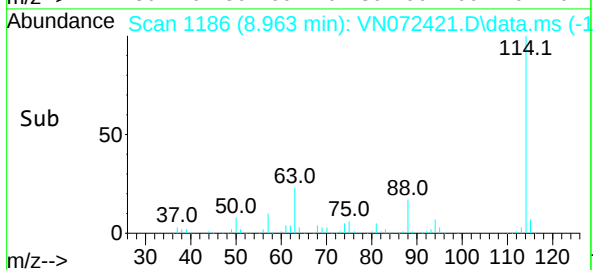
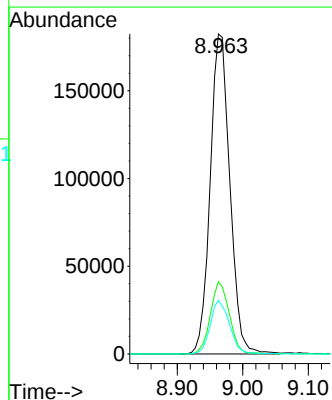
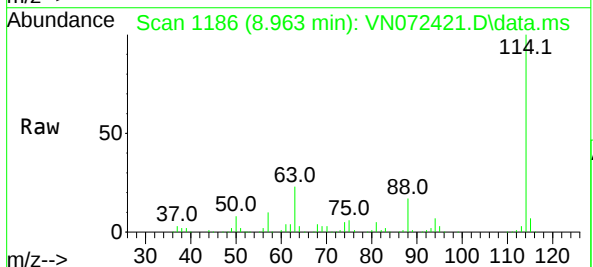
Instrument :
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 ClientSampleId :
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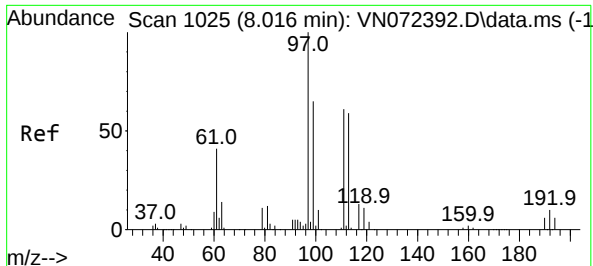
Tgt Ion: 65 Resp: 163802
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN072421.D
 Acq: 11 May 2022 16:52

Tgt Ion: 114 Resp: 379964
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.0
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.723 ug/l

RT: 8.022 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VN072421.D

Acq: 11 May 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

TB-20220509RE

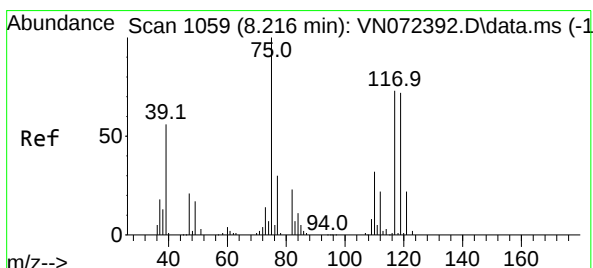
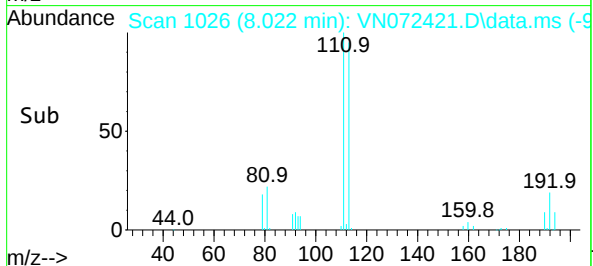
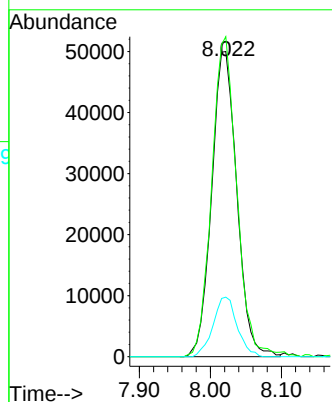
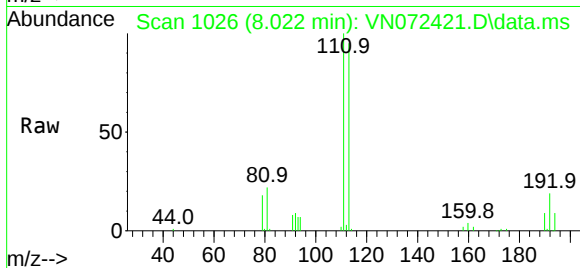
Tgt Ion:113 Resp: 123166

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072421.D

Acq: 11 May 2022 16:52

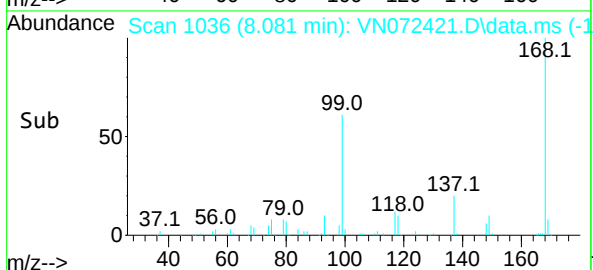
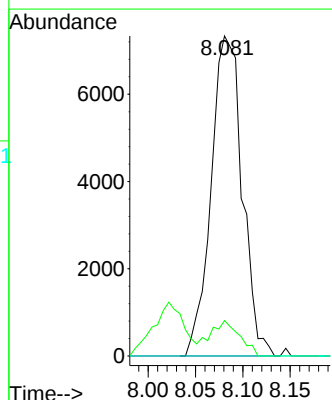
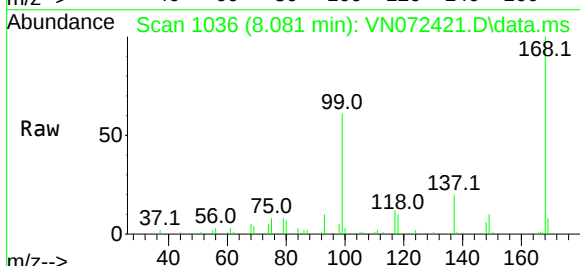
Tgt Ion: 75 Resp: 16777

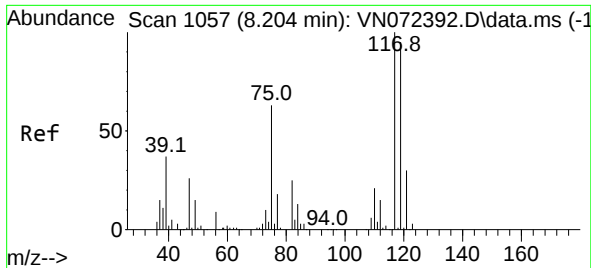
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

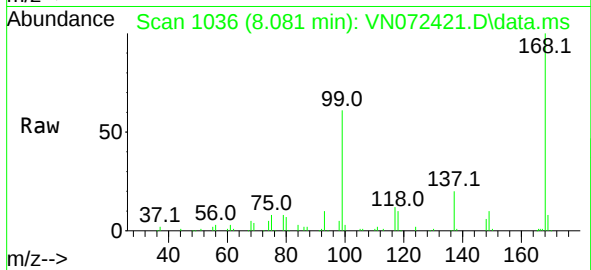
77 0.0 25.1 37.7#



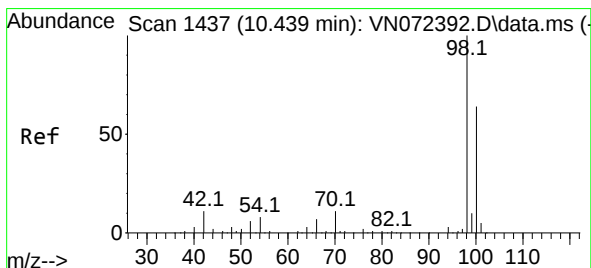
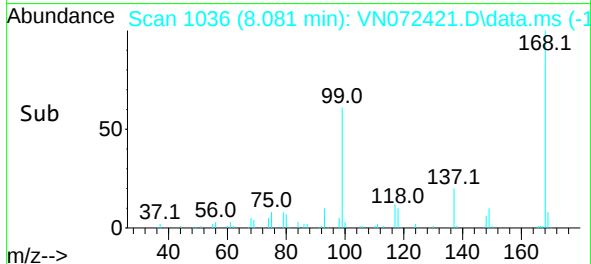
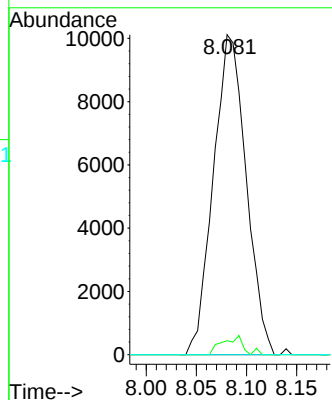


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

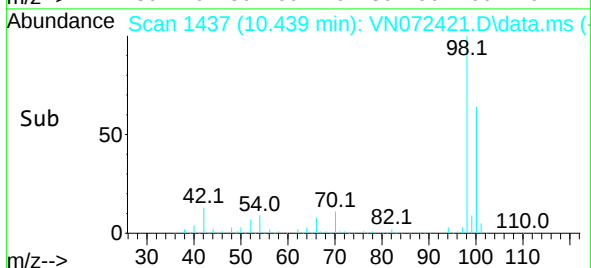
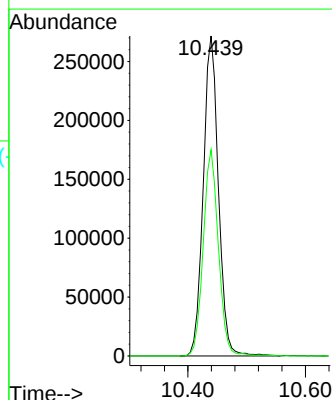
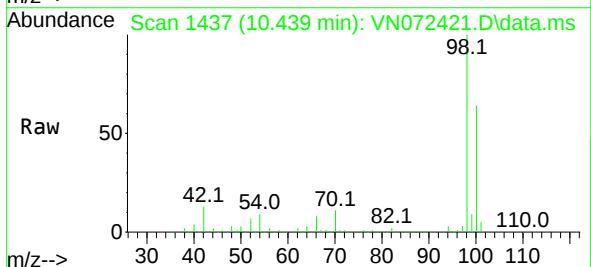


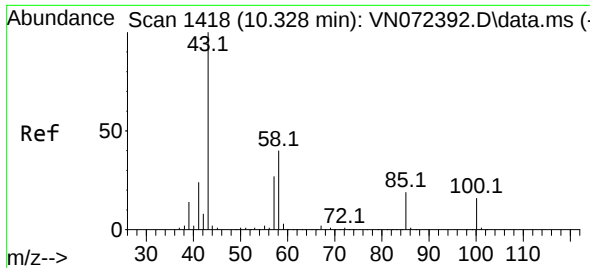
Tgt Ion:117 Resp: 23034
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.601 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion: 98 Resp: 487163
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

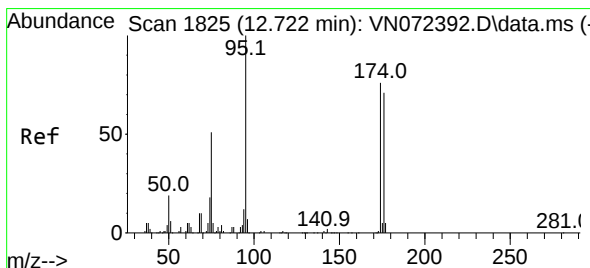
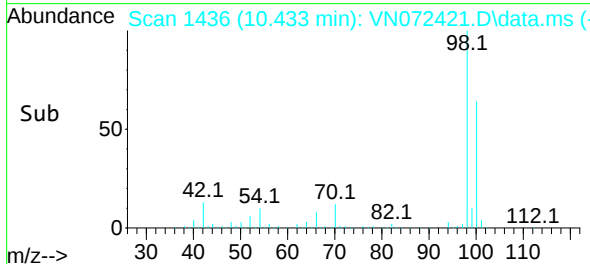
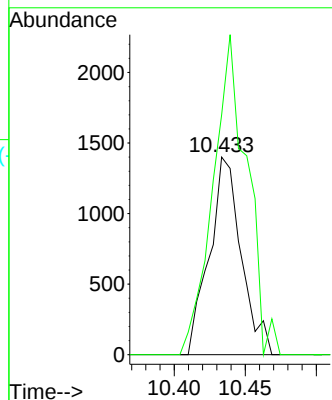
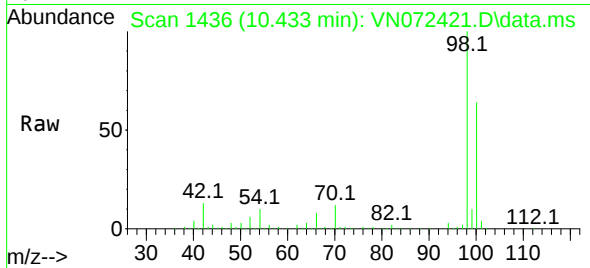




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 10.433 min Scan# 1418
Delta R.T. 0.105 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

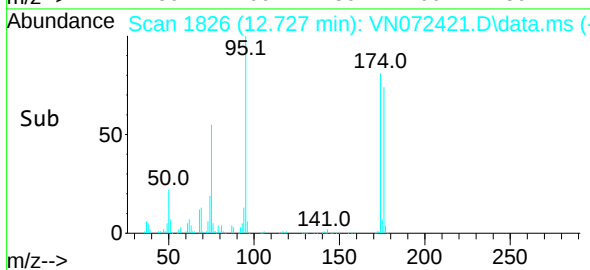
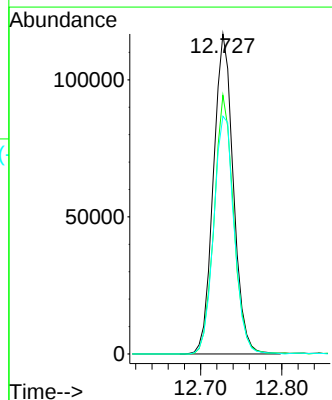
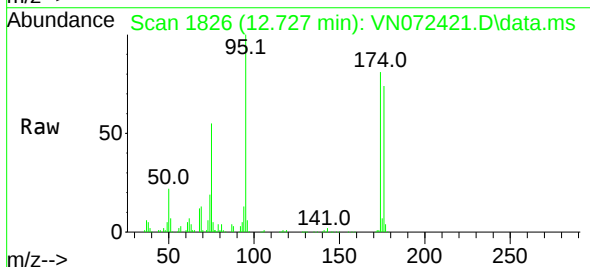
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

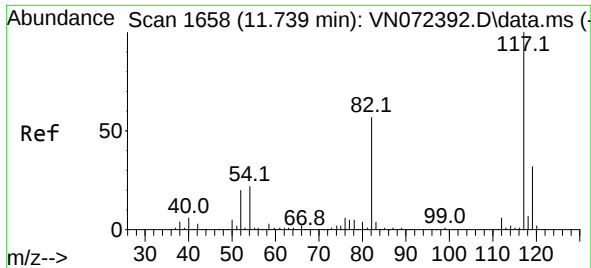
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 172.6 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 62.266 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion: 95 Resp: 199084
Ion Ratio Lower Upper
95 100
174 79.0 0.0 167.6
176 76.5 0.0 163.4

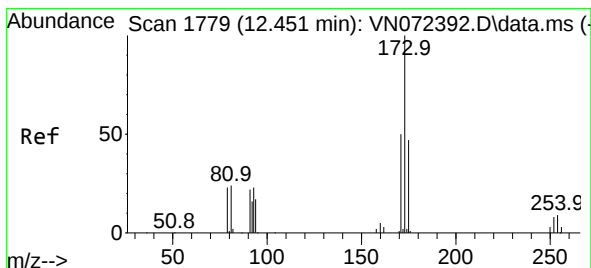
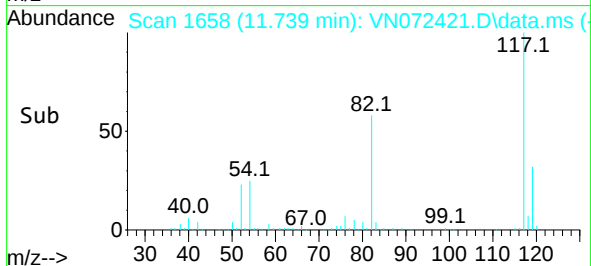
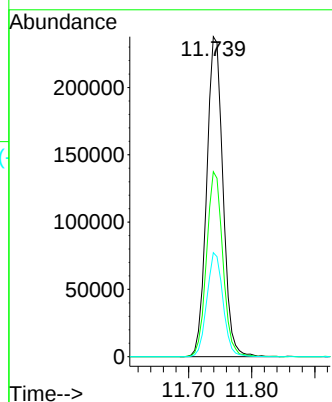
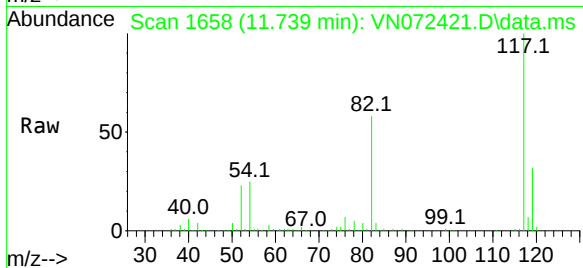




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

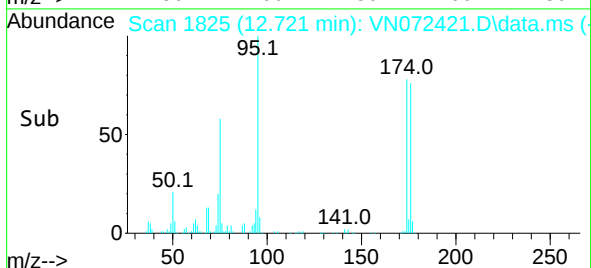
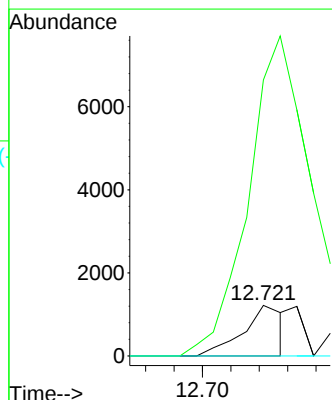
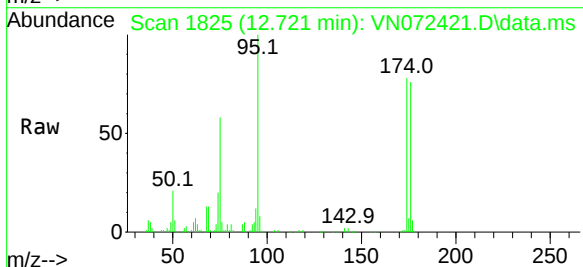
Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

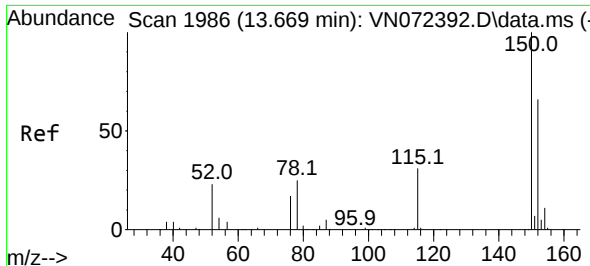
Tgt Ion:117 Resp: 425413
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.470 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion:173 Resp: 1205
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

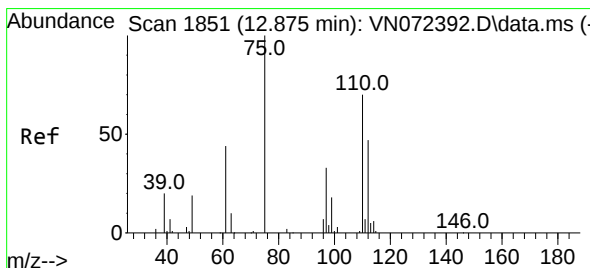
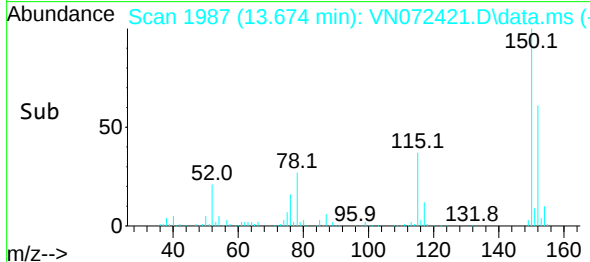
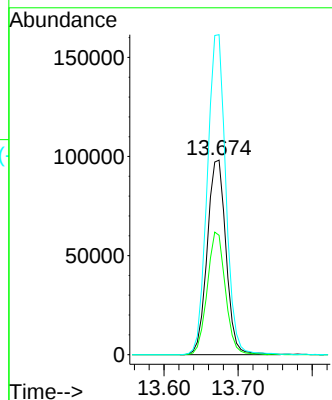
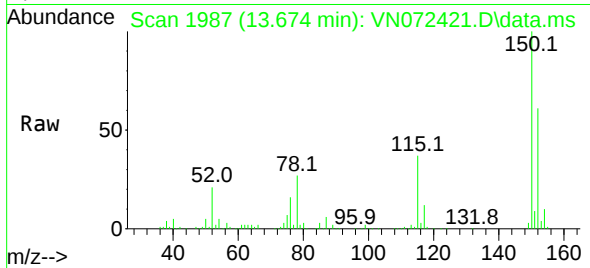




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072421.D
 Acq: 11 May 2022 16:52

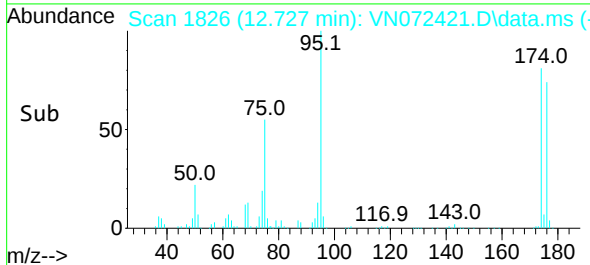
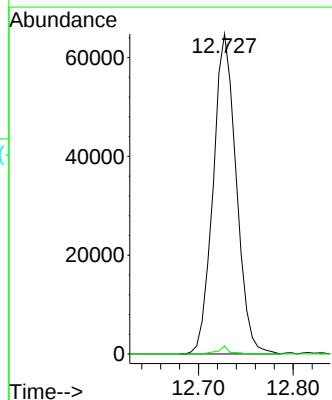
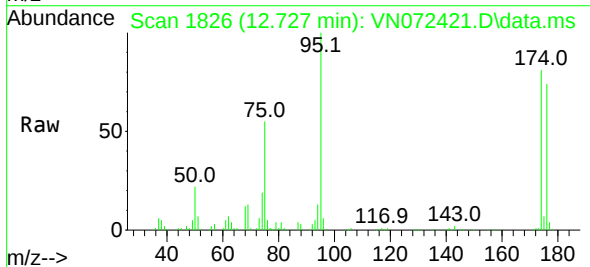
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20220509RE

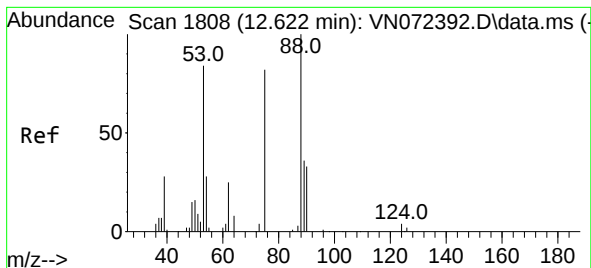
Tgt Ion:152 Resp: 173106
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.9 86.7
 150 162.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.317 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072421.D
 Acq: 11 May 2022 16:52

Tgt Ion: 75 Resp: 109791
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

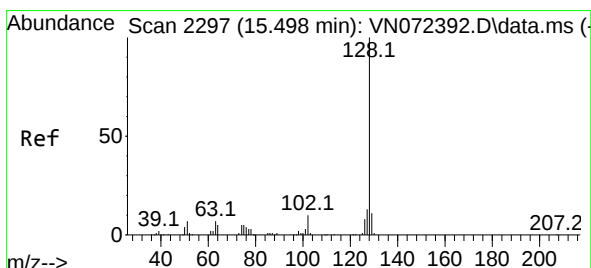
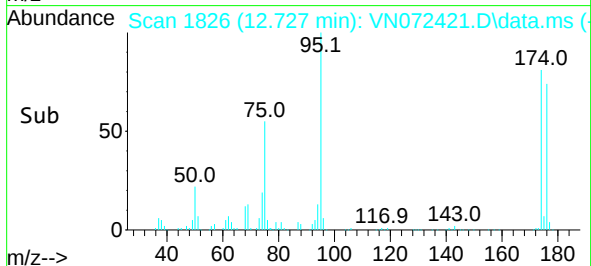
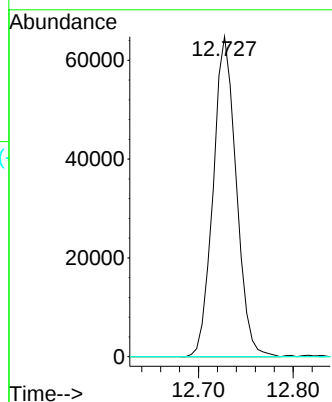
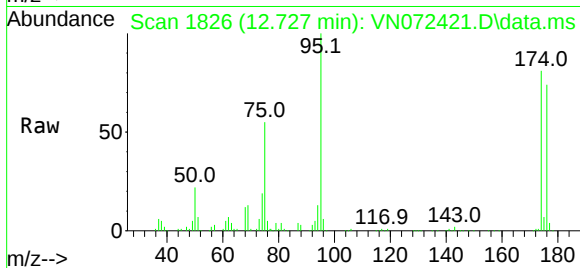




#81
trans-1,4-Dichloro-2-butene
Concen: 81.123 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
TB-20220509RE

Tgt Ion: 75 Resp: 109791
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.215 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VN072421.D
Acq: 11 May 2022 16:52

Tgt Ion:128 Resp: 338
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

