

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072598.D
 Acq On : 24 May 2022 20:06
 Operator : JC\MD
 Sample : N2981-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TGMP-2

Quant Time: May 25 09:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

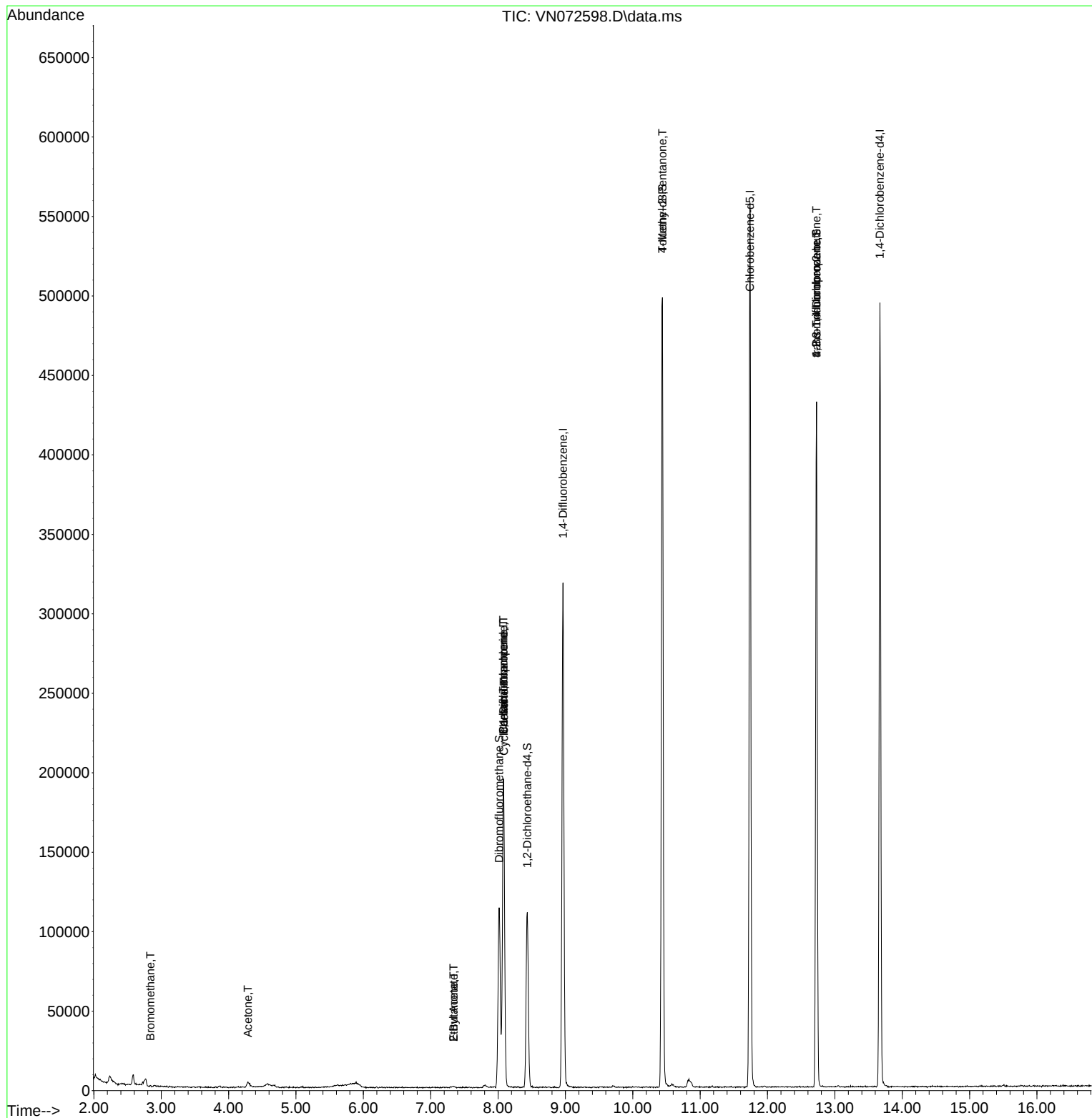
Internal Standards						
1) Pentafluorobenzene	8.081	168	158582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	286793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	337164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	143207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	91122	50.514	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.020%			
35) Dibromofluoromethane	8.016	113	85889	46.207	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.420%			
50) Toluene-d8	10.439	98	363744	51.250	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.727	95	146709	63.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.120%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	503	Below Cal	#	43
5) Bromomethane	2.840	94	272	1.749	ug/l #	2
6) Chloroethane	2.969	64	156	Below Cal	#	42
16) Acetone	4.287	43	5996	6.762	ug/l #	81
18) Methyl Acetate	4.846	43	120	Below Cal	#	48
20) Methylene Chloride	5.081	84	133	Below Cal	#	62
25) 2-Butanone	7.340	43	1098	0.734	ug/l	93
31) Cyclohexane	8.087	56	2715	0.950	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	10999	4.182	ug/l #	50
37) Ethyl Acetate	7.340	43	1098	0.319	ug/l #	67
38) Carbon Tetrachloride	8.081	117	14721	5.303	ug/l #	17
51) 4-Methyl-2-Pentanone	10.439	43	1355	0.406	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	70249	18.068	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	70249	53.024	ug/l #	10

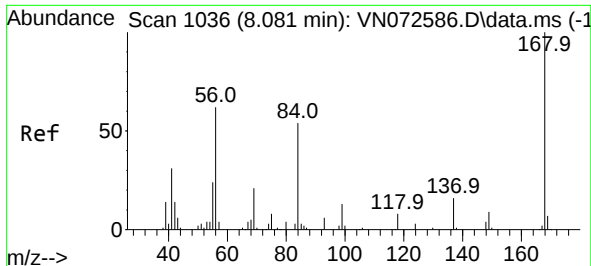
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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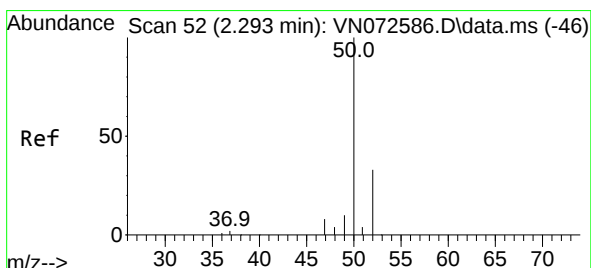
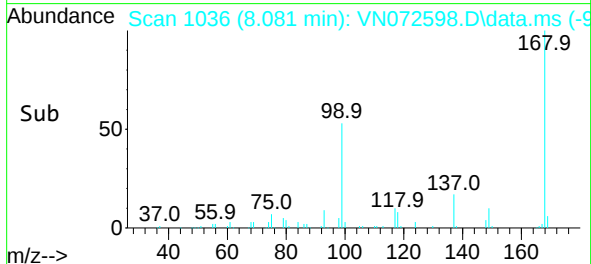
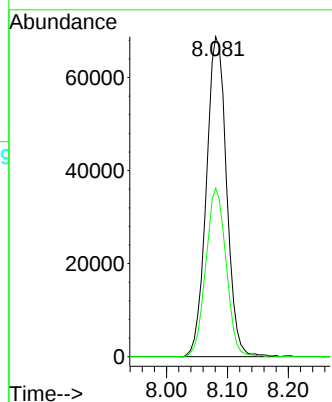
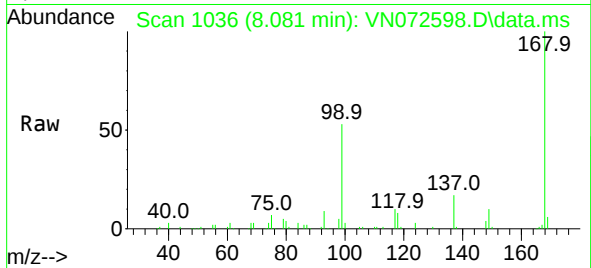




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

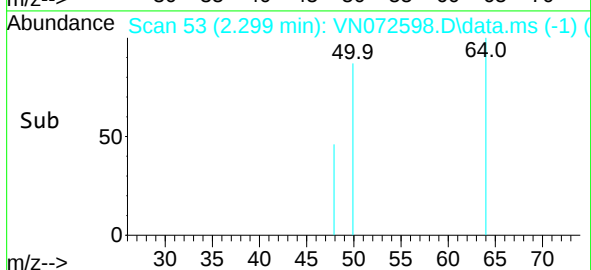
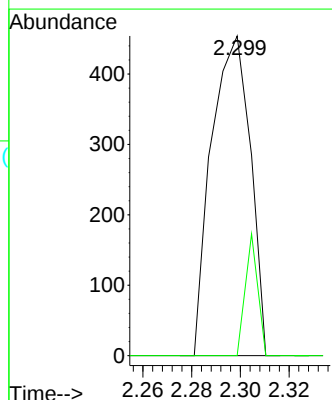
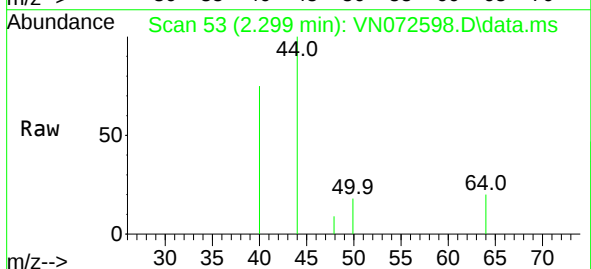
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

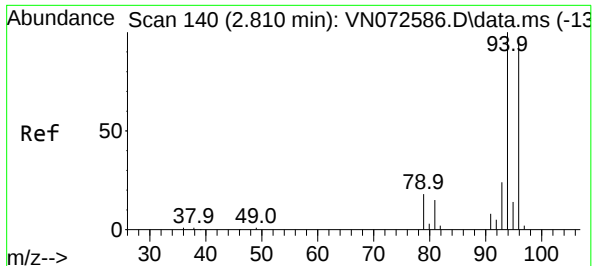
Tgt Ion:168 Resp: 158582
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. 0.006 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: 1.749 ug/l

RT: 2.840 min Scan# 140

Delta R.T. 0.030 min

Lab File: VN072598.D

Acq: 24 May 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

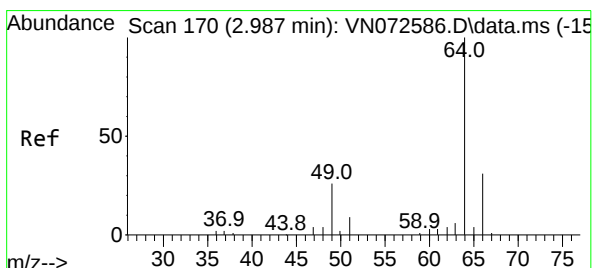
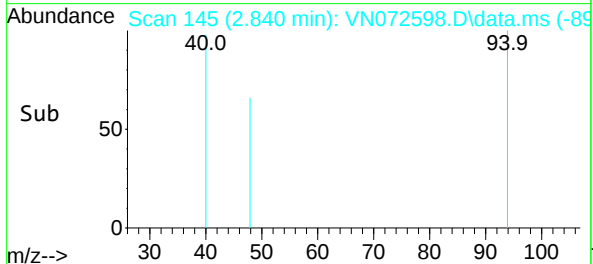
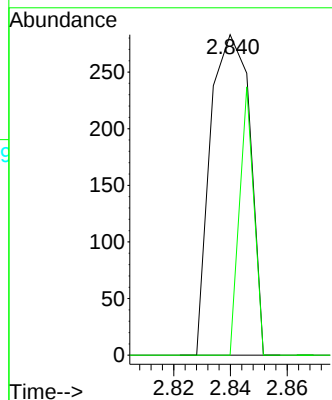
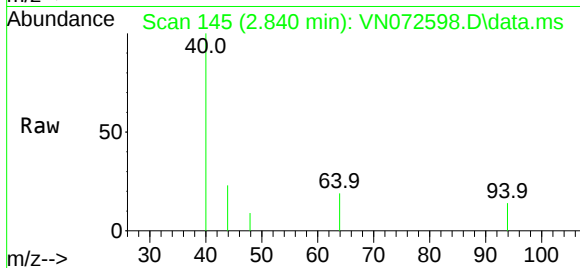
TGMP-2

Tgt Ion: 94 Resp: 272

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.969 min Scan# 167

Delta R.T. -0.018 min

Lab File: VN072598.D

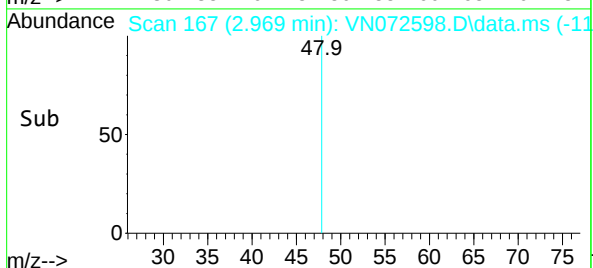
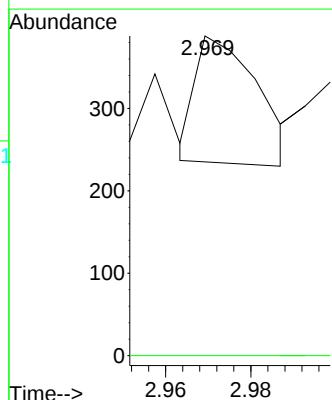
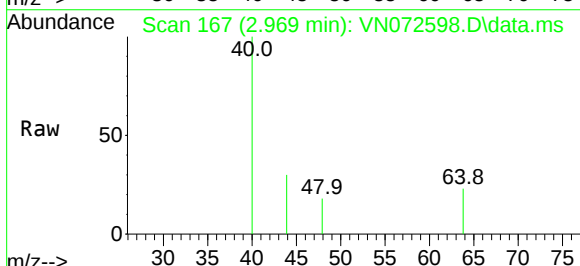
Acq: 24 May 2022 20:06

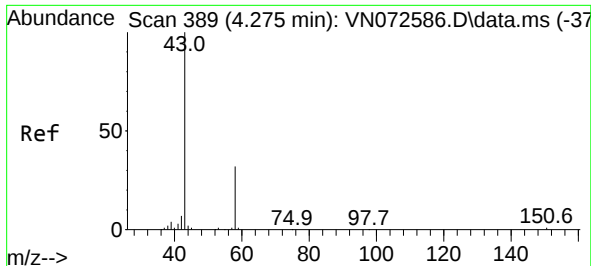
Tgt Ion: 64 Resp: 156

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

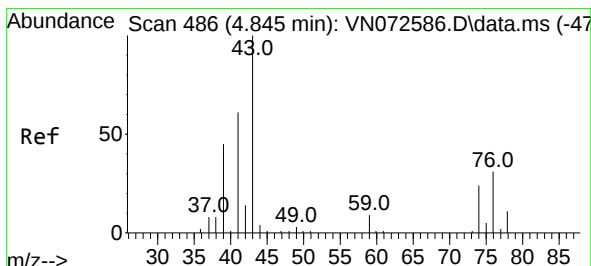
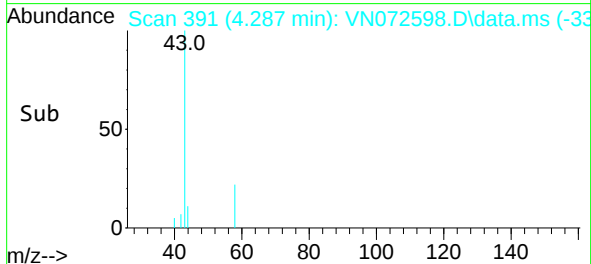
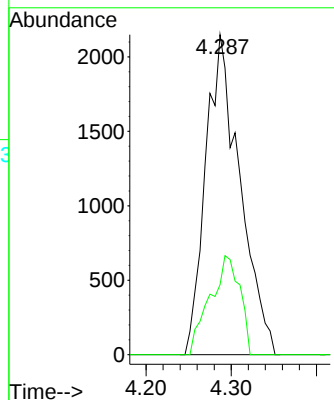
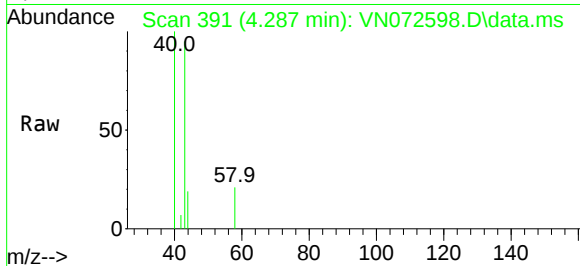




#16
Acetone
Concen: 6.762 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

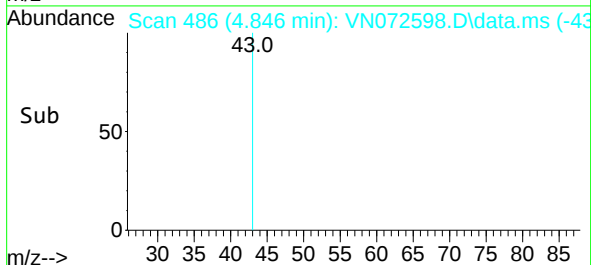
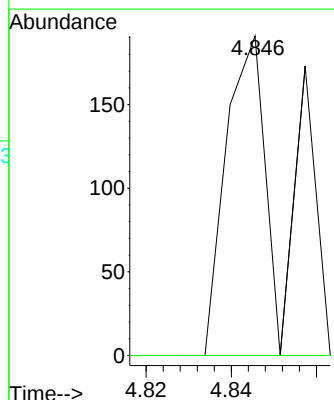
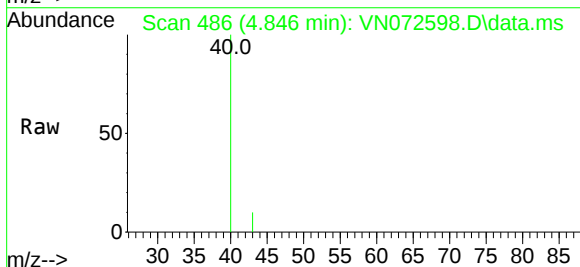
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

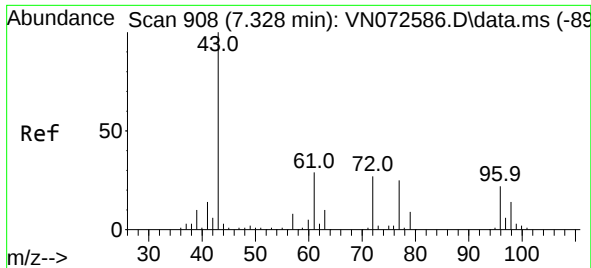
Tgt Ion: 43 Resp: 5996
Ion Ratio Lower Upper
43 100
58 21.9 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.846 min Scan# 486
Delta R.T. 0.001 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

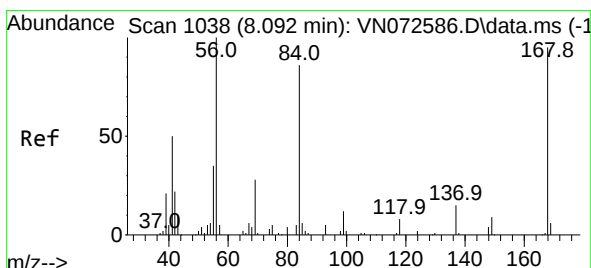
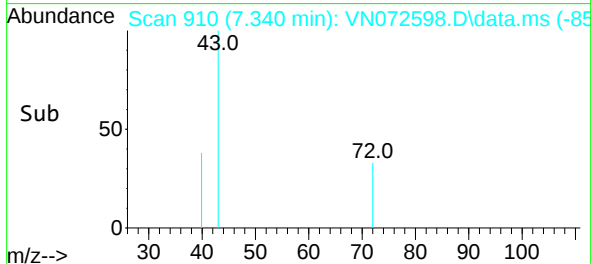
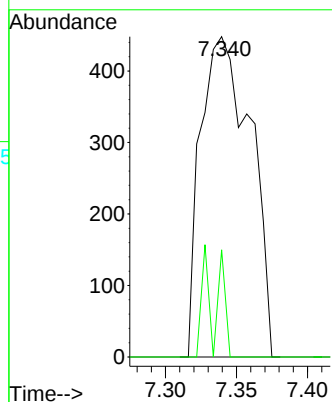
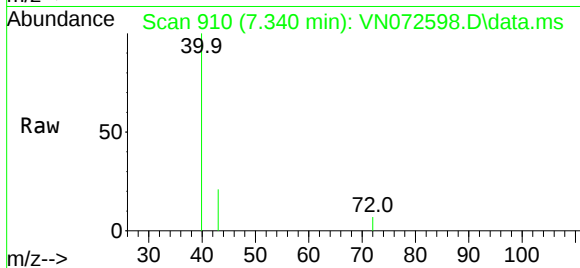




#25
2-Butanone
Concen: 0.734 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

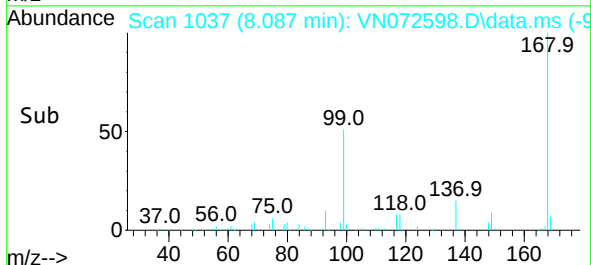
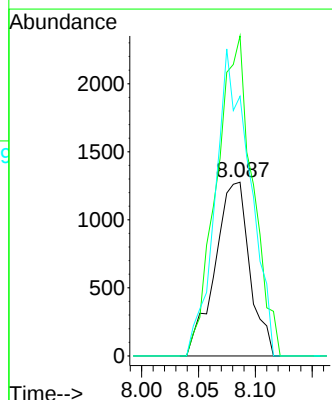
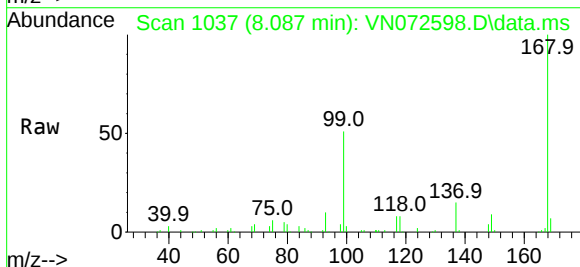
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

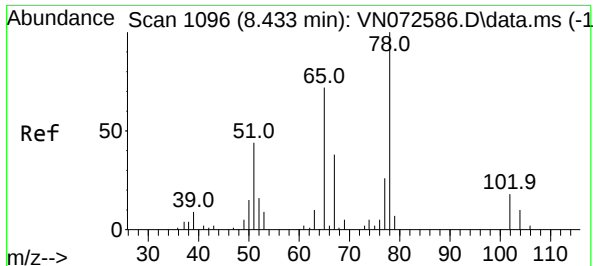
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
72 33.5 23.7 35.5



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 56 Resp: 2715
Ion Ratio Lower Upper
56 100
69 184.1 27.8 41.8#
84 149.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.514 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072598.D

Acq: 24 May 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

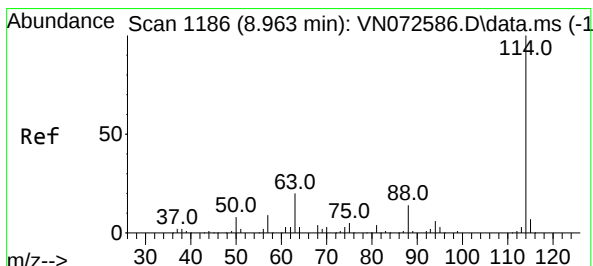
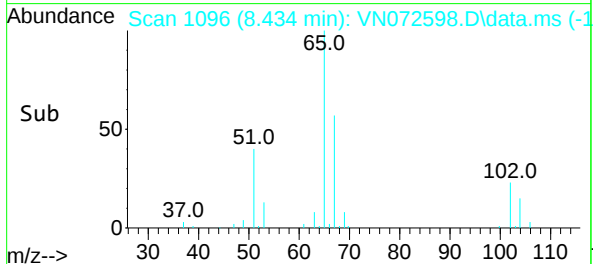
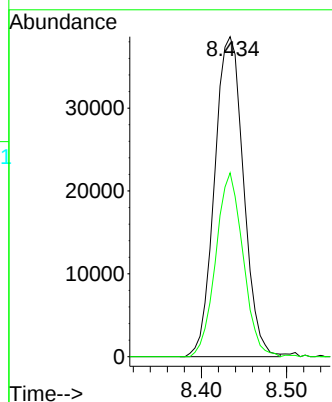
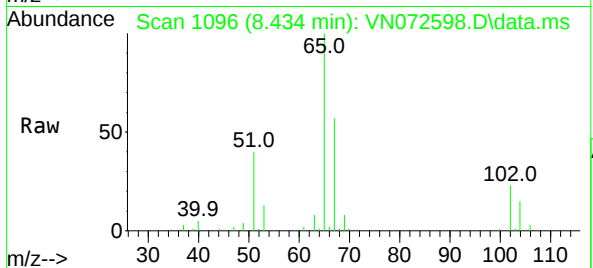
TGMP-2

Tgt Ion: 65 Resp: 91122

Ion Ratio Lower Upper

65 100

67 54.1 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: VN072598.D

Acq: 24 May 2022 20:06

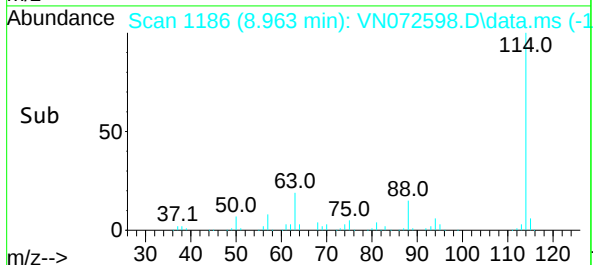
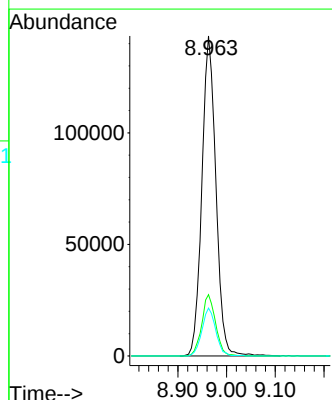
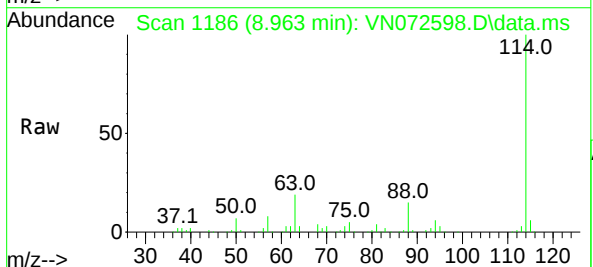
Tgt Ion:114 Resp: 286793

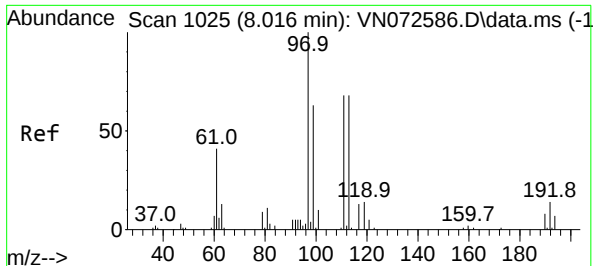
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.9 0.0 32.6

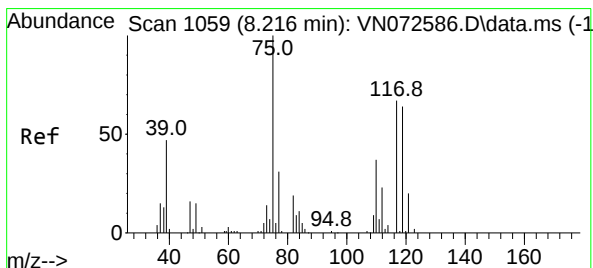
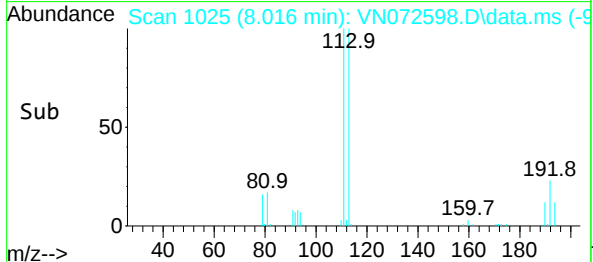
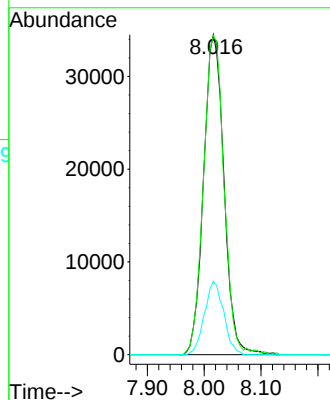
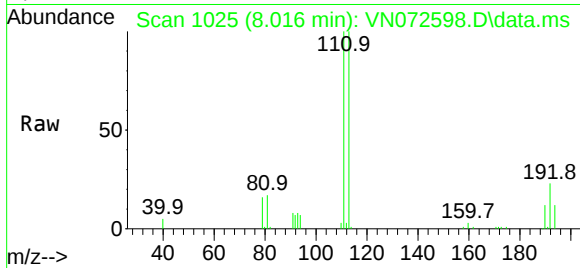




#35
Dibromofluoromethane
Concen: 46.207 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

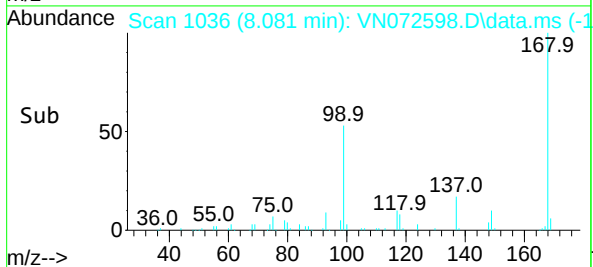
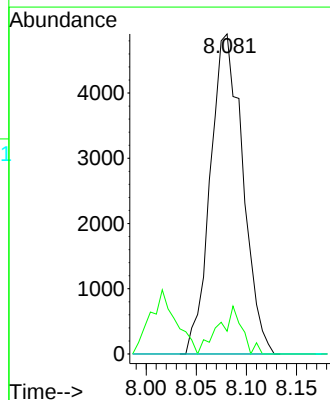
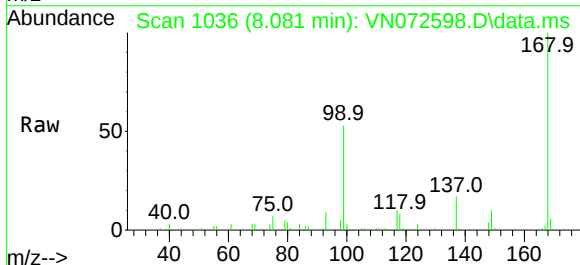
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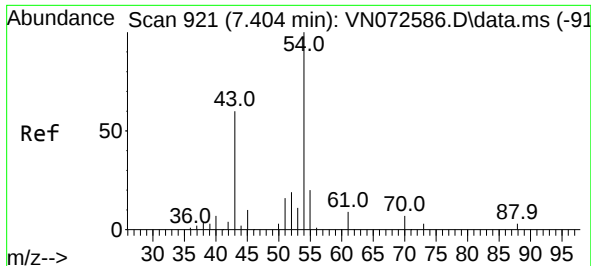
Tgt Ion:113 Resp: 85889
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.182 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 75 Resp: 10999
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 25.1 37.7#

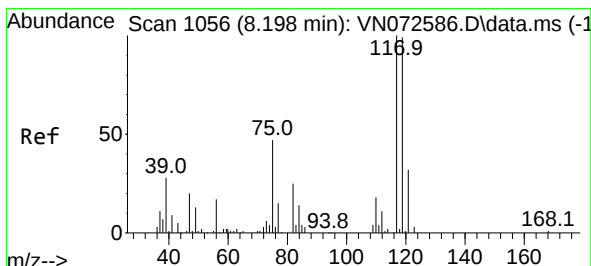
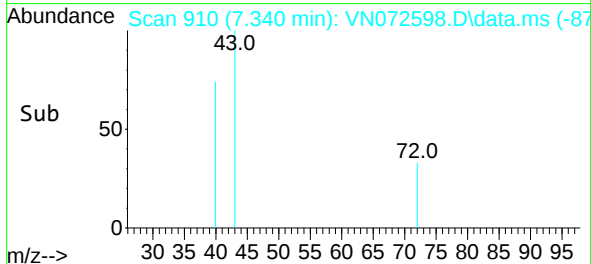
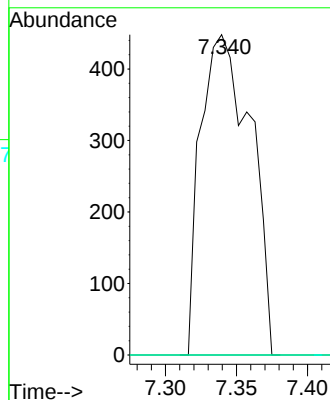
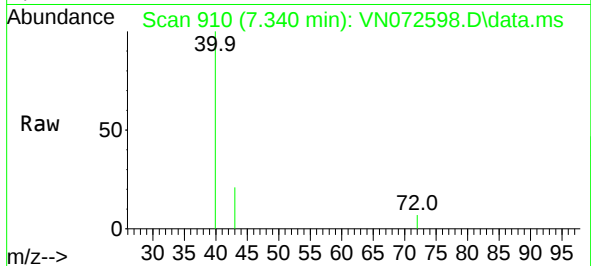




#37
Ethyl Acetate
Concen: 0.319 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.064 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

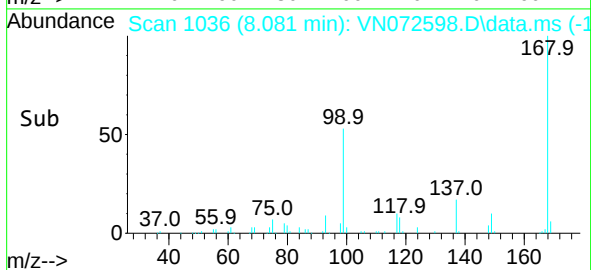
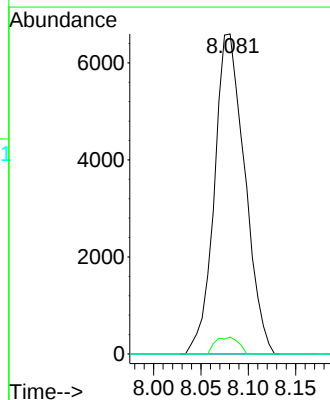
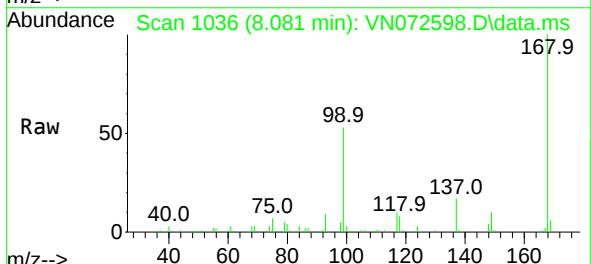
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

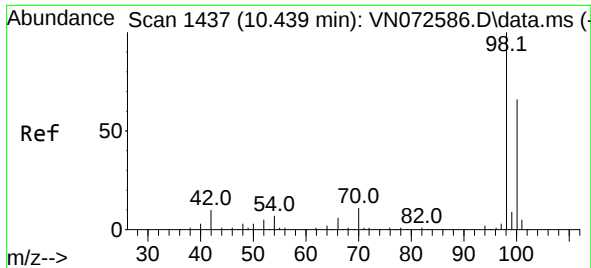
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.117 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 117 Resp: 14721
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#

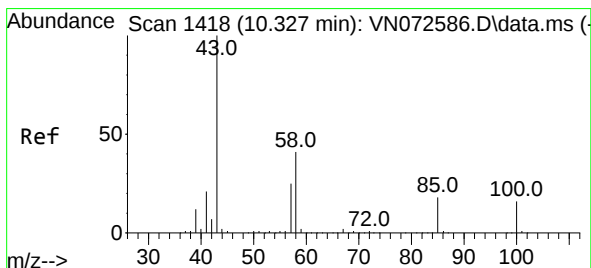
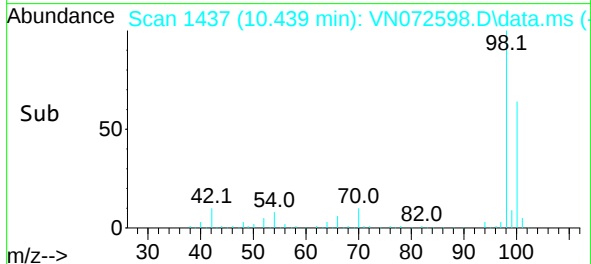
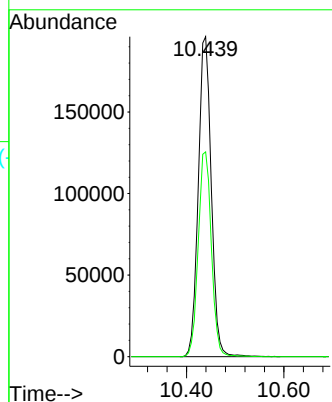
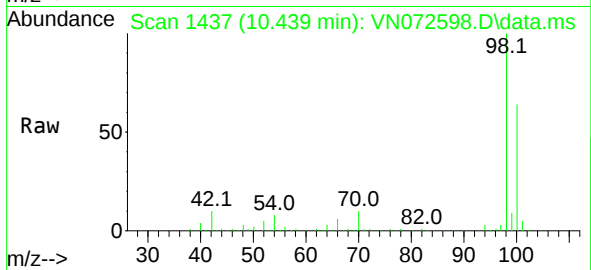




#50
Toluene-d8
Concen: 51.250 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

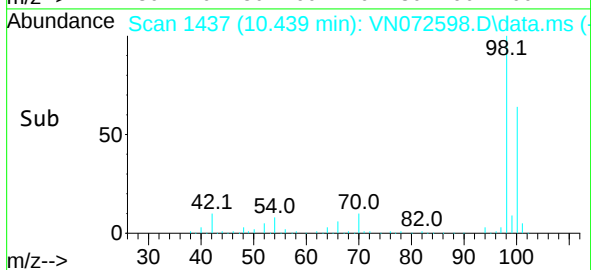
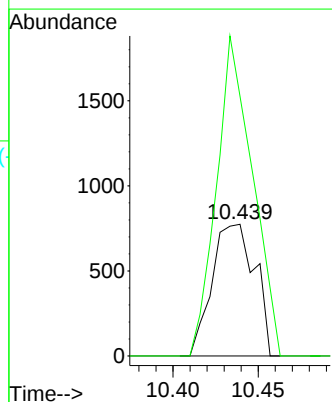
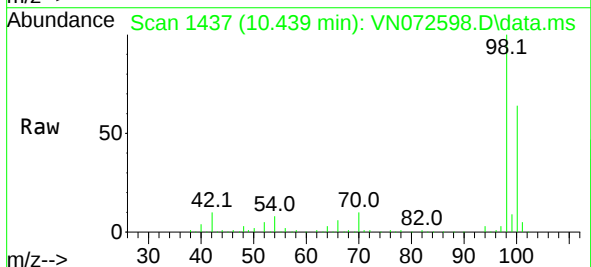
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

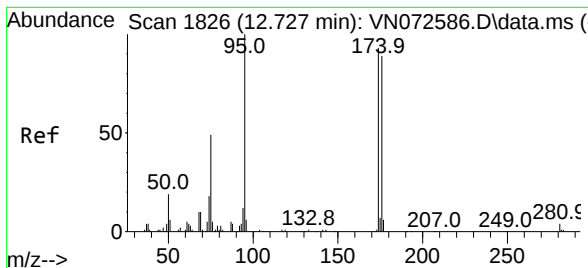
Tgt Ion: 98 Resp: 363744
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.112 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 204.8 34.1 51.1#

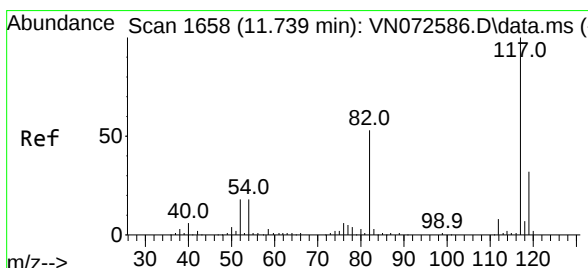
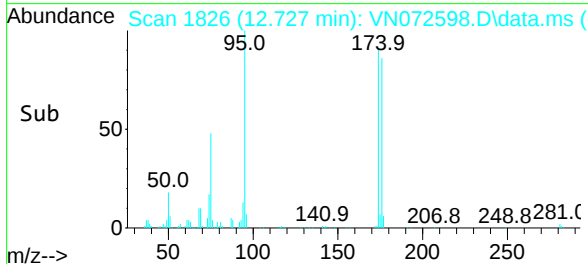
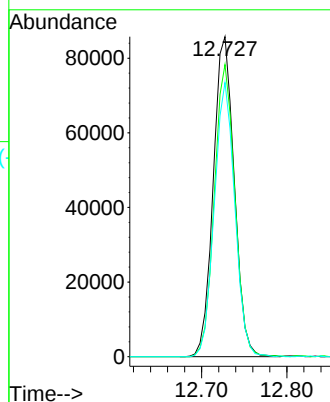
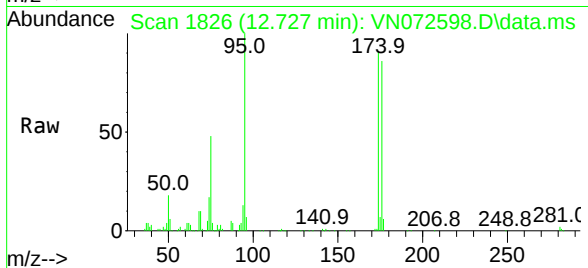




#62
4-Bromofluorobenzene
Concen: 63.555 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

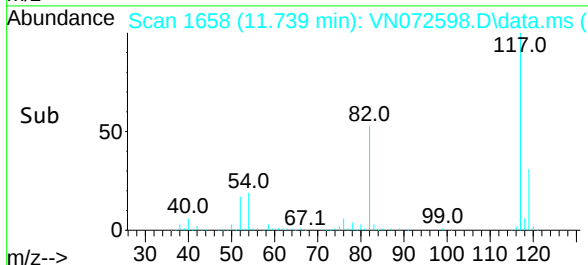
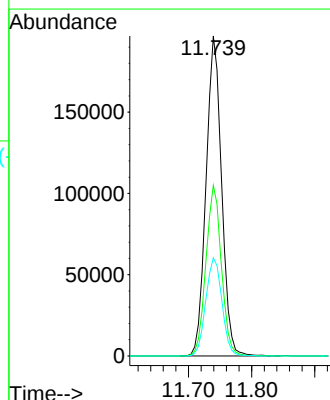
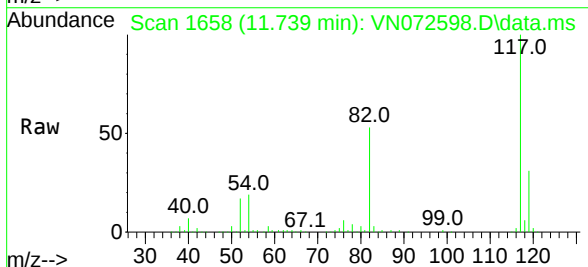
Instrument :
MSVOA_N
ClientSampleId :
TGMP-2

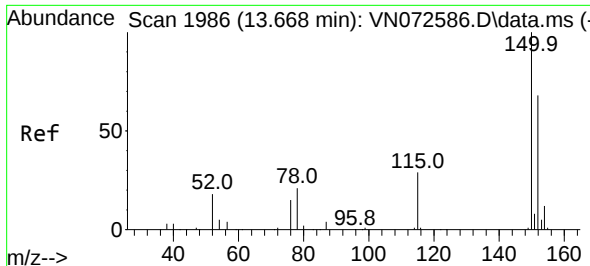
Tgt Ion: 95 Resp: 146709
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 83.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072598.D
Acq: 24 May 2022 20:06

Tgt Ion: 117 Resp: 337164
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 30.7 25.4 38.0

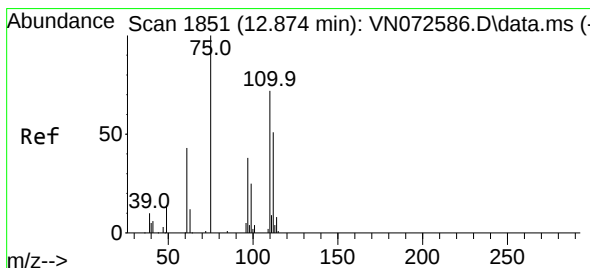
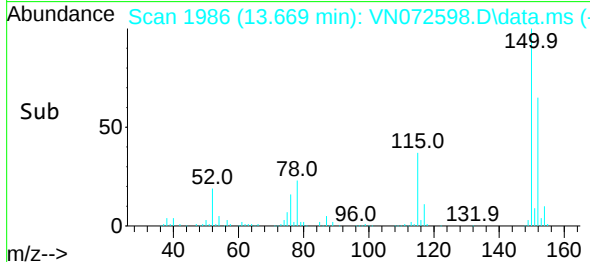
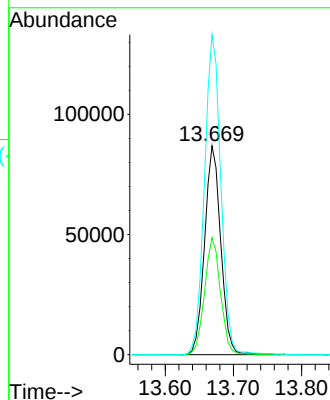
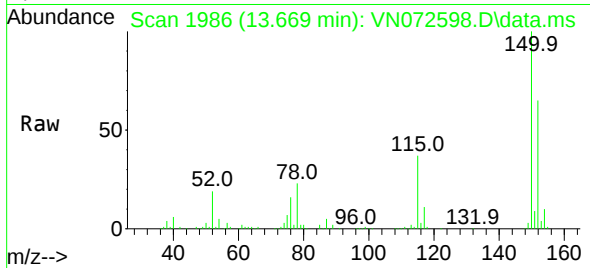




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN072598.D
 Acq: 24 May 2022 20:06

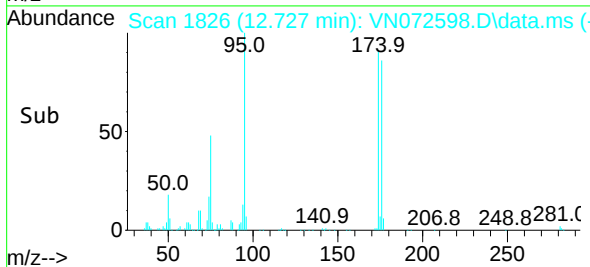
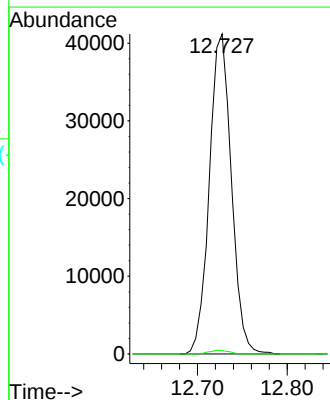
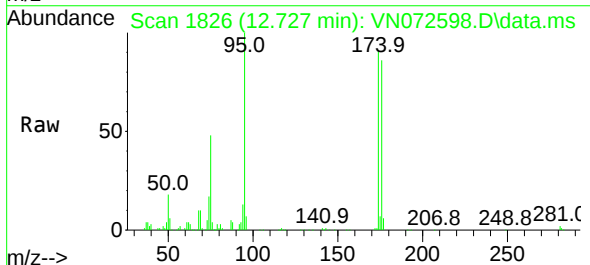
Instrument :
 MSVOA_N
 ClientSampleId :
 TGMP-2

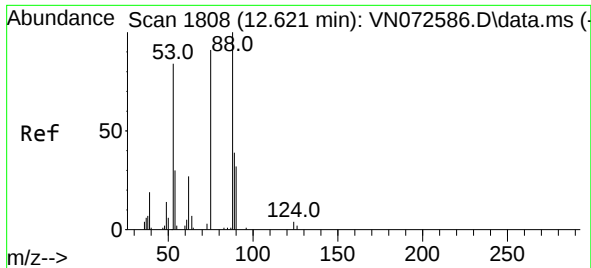
Tgt Ion:152 Resp: 143207
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.9 86.7
 150 155.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 18.068 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072598.D
 Acq: 24 May 2022 20:06

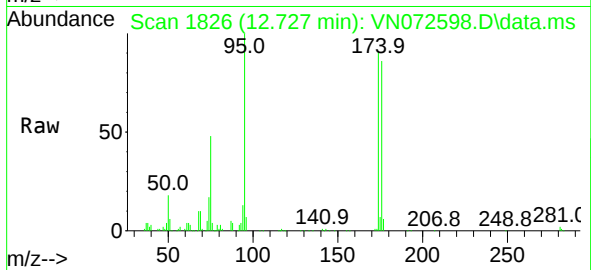
Tgt Ion: 75 Resp: 70249
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.024 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072598.D
 Acq: 24 May 2022 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TGMP-2



Tgt Ion: 75 Resp: 70249
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

