

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072597.D
 Acq On : 24 May 2022 19:42
 Operator : JC\MD
 Sample : N2981-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TGMP-4

Quant Time: May 25 09:21:31 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)

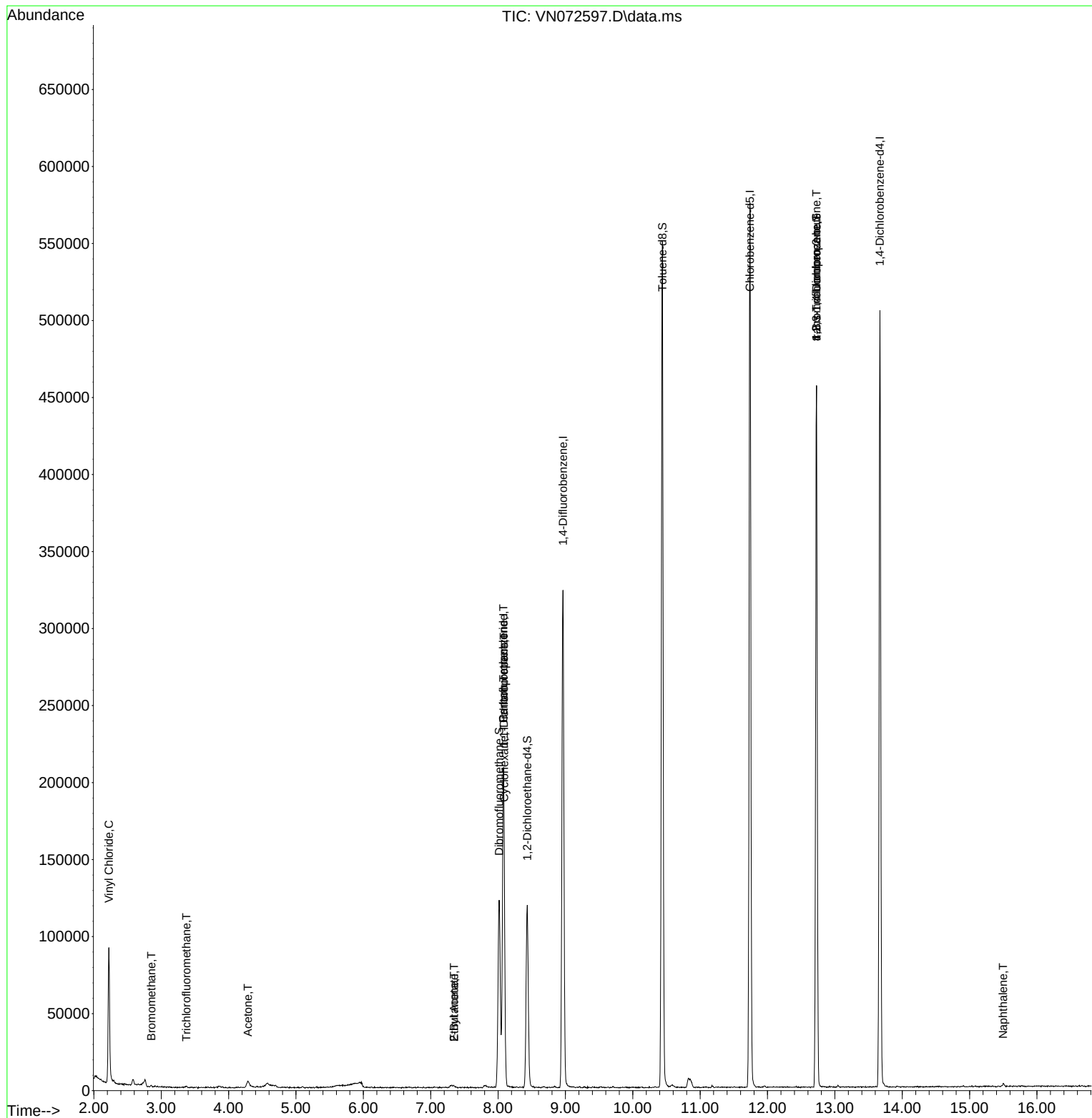
Internal Standards						
1) Pentafluorobenzene	8.081	168	171056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	304404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	352771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	146369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	96925	49.813	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.620%
35) Dibromofluoromethane	8.016	113	91115	46.183	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.360%
50) Toluene-d8	10.439	98	385853	51.220	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.727	95	155217	63.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	658	Below Cal	#	43
4) Vinyl Chloride	2.222	62	1005	0.631	ug/l #	22
5) Bromomethane	2.852	94	381	1.844	ug/l #	70
6) Chloroethane	2.952	64	274	Below Cal	#	42
7) Trichlorofluoromethane	3.375	101	928	0.344	ug/l #	80
16) Acetone	4.287	43	7719	8.071	ug/l	99
18) Methyl Acetate	4.869	43	479	Below Cal	#	48
20) Methylene Chloride	5.087	84	338	Below Cal	#	41
25) 2-Butanone	7.345	43	1923	1.192	ug/l	91
31) Cyclohexane	8.092	56	2798	0.908	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	11080	3.970	ug/l #	48
37) Ethyl Acetate	7.345	43	1923	0.527	ug/l #	67
38) Carbon Tetrachloride	8.081	117	15780	5.356	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	73543	18.507	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	73543	54.311	ug/l #	10
95) Naphthalene	15.498	128	2749	0.302	ug/l #	89

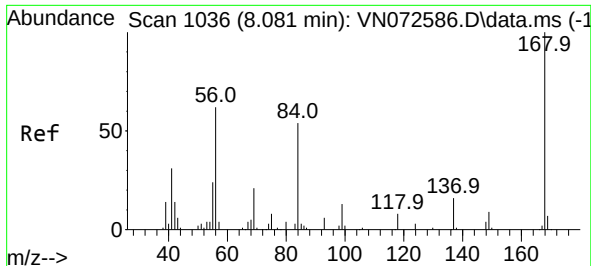
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072597.D
Acq On : 24 May 2022 19:42
Operator : JC\MD
Sample : N2981-23
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

Quant Time: May 25 09:21:31 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

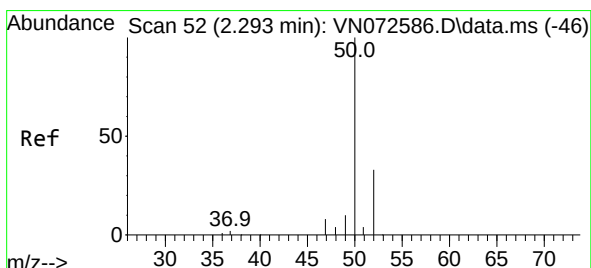
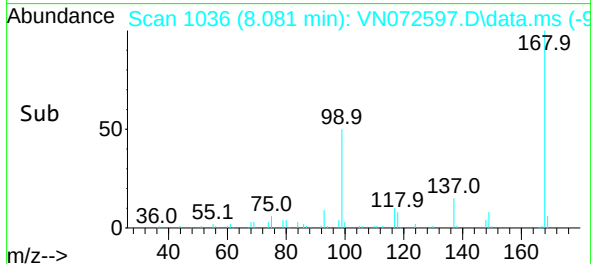
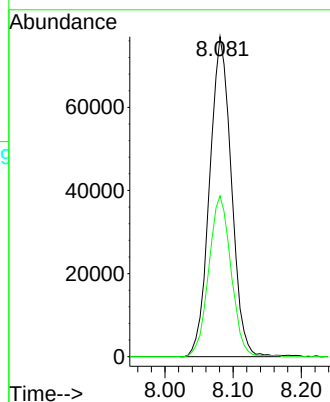
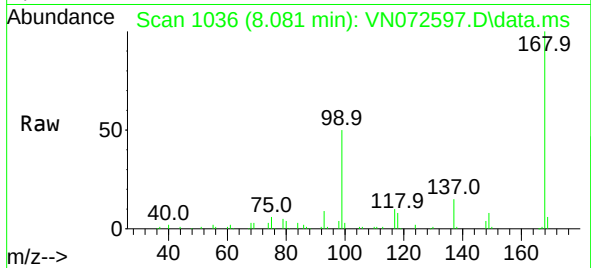




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

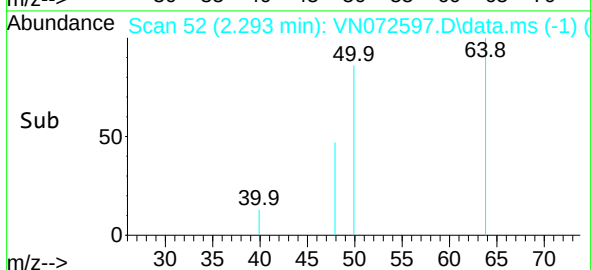
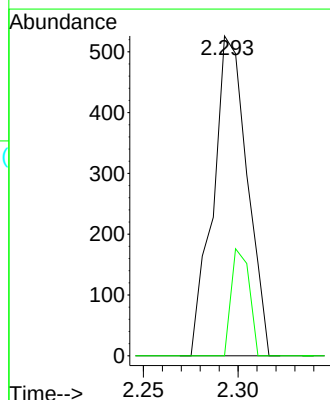
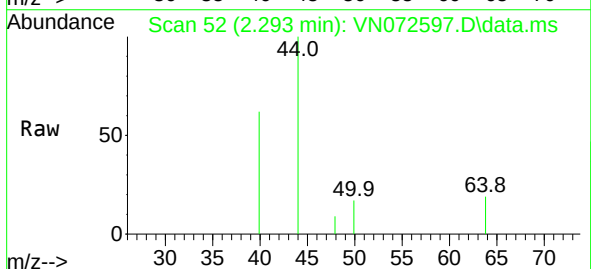
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

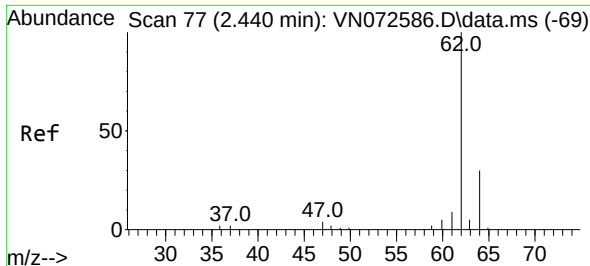
Tgt Ion:168 Resp: 171056
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

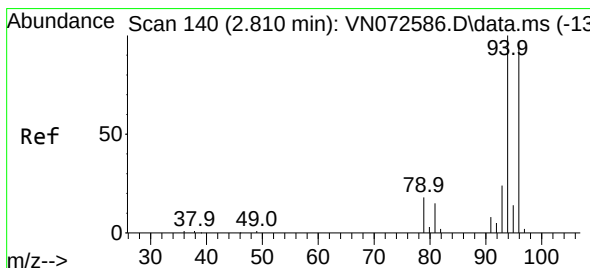
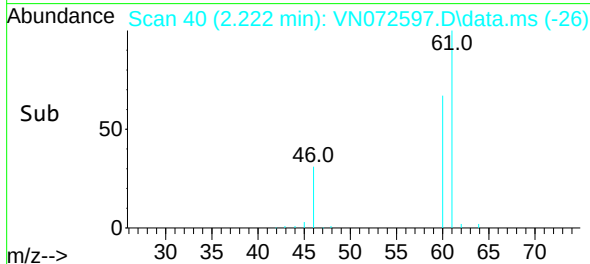
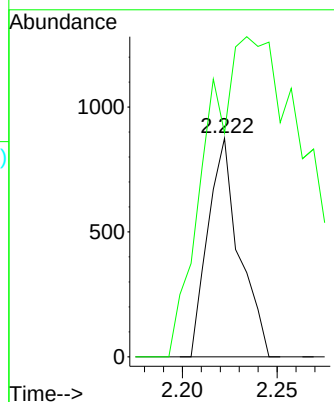
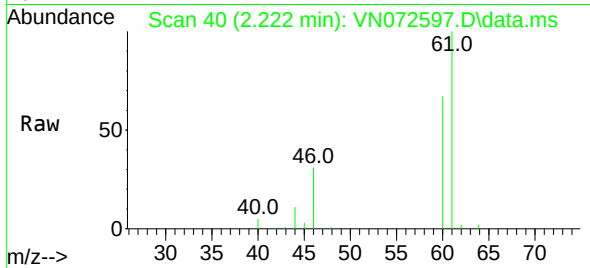




#4
 Vinyl Chloride
 Concen: 0.631 ug/l
 RT: 2.222 min Scan# 40
 Delta R.T. -0.218 min
 Lab File: VN072597.D
 Acq: 24 May 2022 19:42

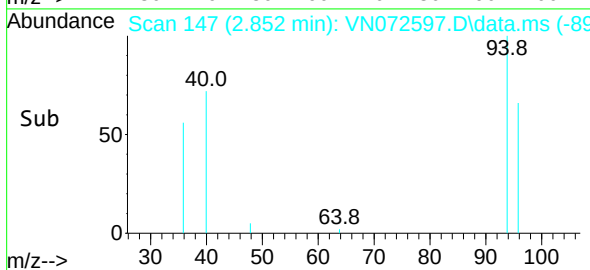
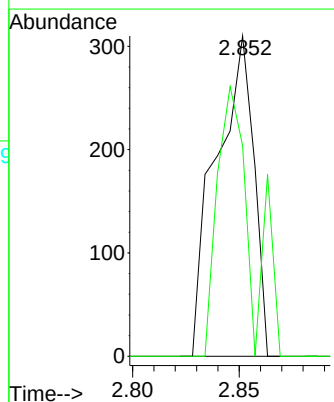
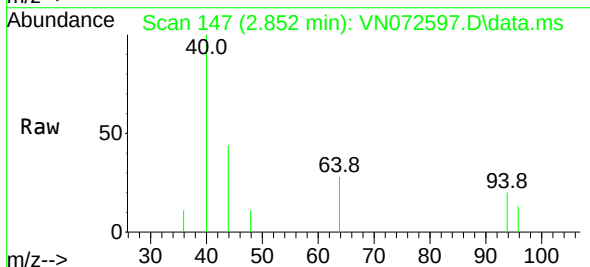
Instrument :
 MSVOA_N
 ClientSampleId :
 TGMP-4

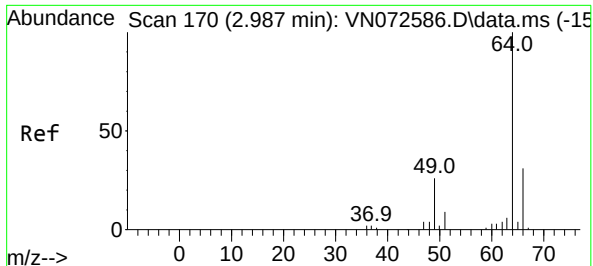
Tgt Ion: 62 Resp: 1005
 Ion Ratio Lower Upper
 62 100
 64 73.9 25.0 37.4#



#5
 Bromomethane
 Concen: 1.844 ug/l
 RT: 2.852 min Scan# 147
 Delta R.T. 0.042 min
 Lab File: VN072597.D
 Acq: 24 May 2022 19:42

Tgt Ion: 94 Resp: 381
 Ion Ratio Lower Upper
 94 100
 96 65.8 76.0 114.0#

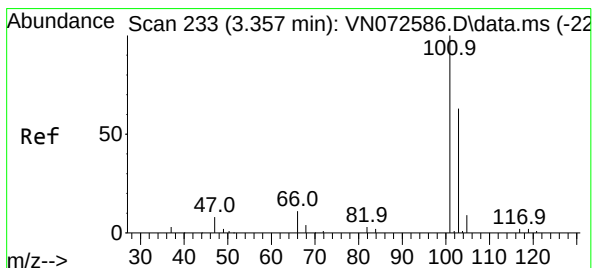
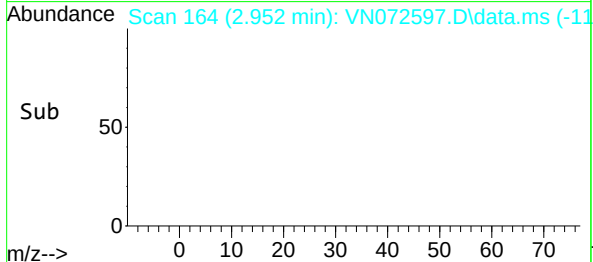
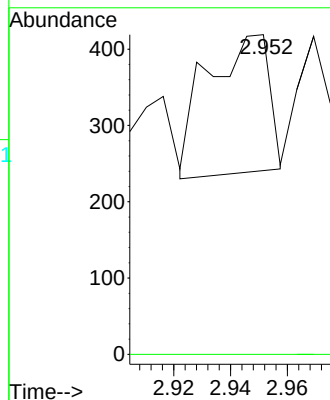
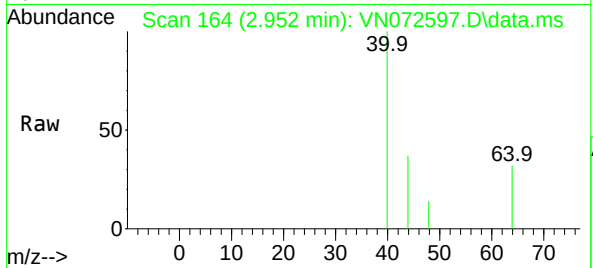




#6
Chloroethane
Concen: Below Cal
RT: 2.952 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

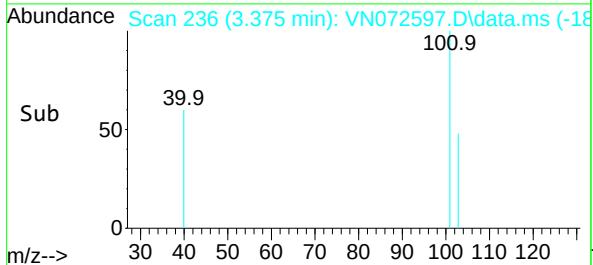
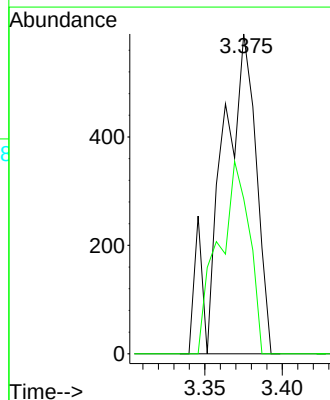
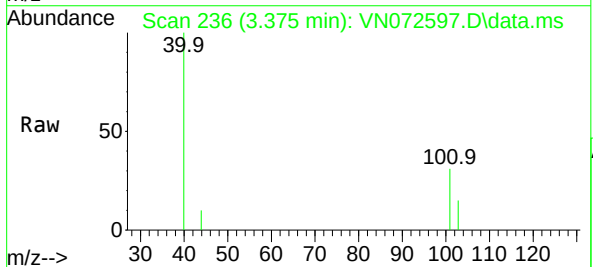
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

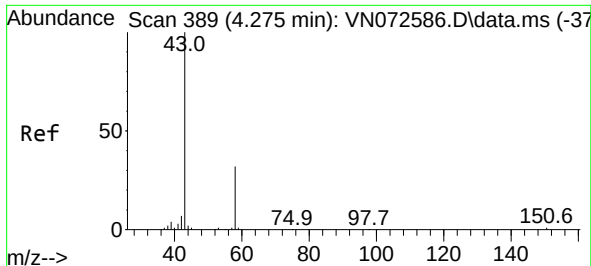
Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#7
Trichlorofluoromethane
Concen: 0.344 ug/l
RT: 3.375 min Scan# 236
Delta R.T. 0.018 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion:101 Resp: 928
Ion Ratio Lower Upper
101 100
103 48.5 51.5 77.3#

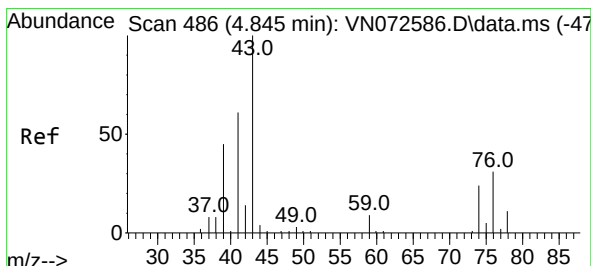
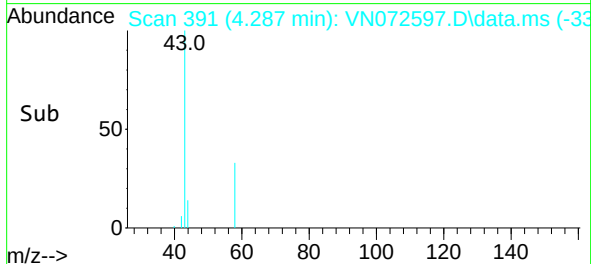
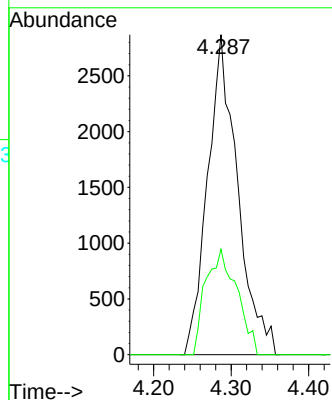
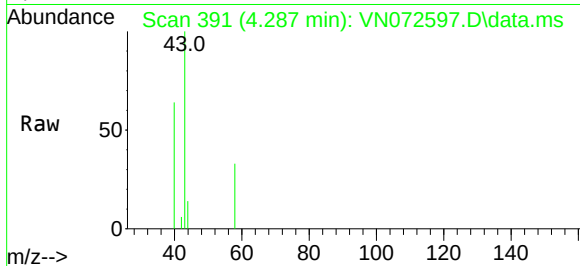




#16
Acetone
Concen: 8.071 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

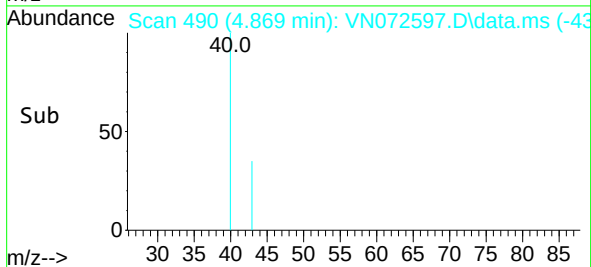
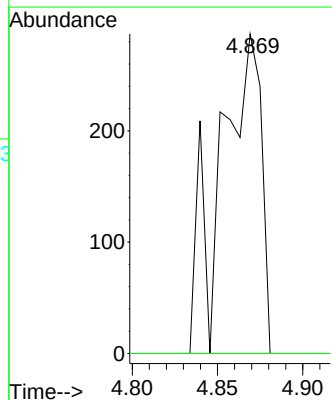
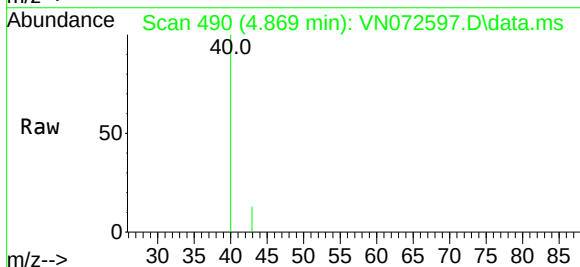
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

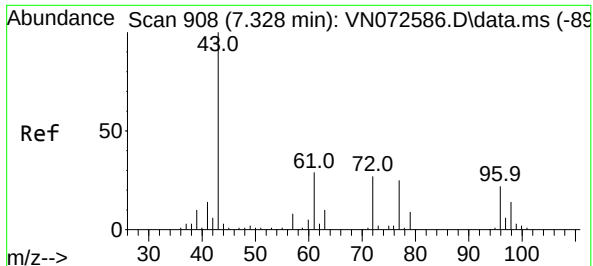
Tgt Ion: 43 Resp: 7719
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.024 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 1.192 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072597.D

Acq: 24 May 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

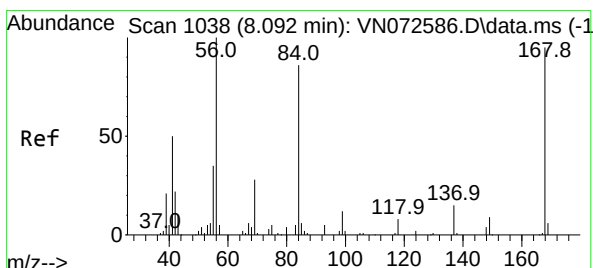
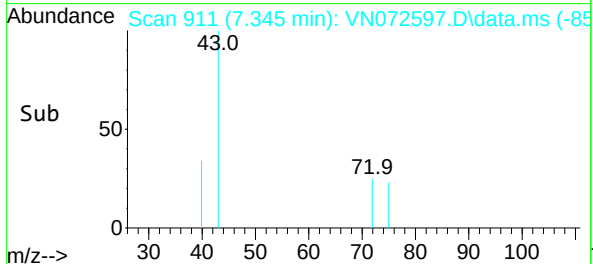
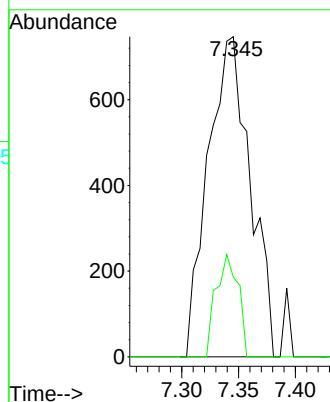
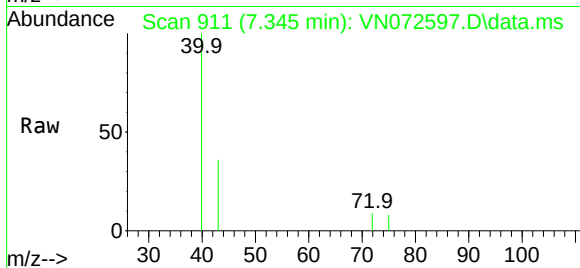
TGMP-4

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

72 24.9 23.7 35.5



#31

Cyclohexane

Concen: 0.908 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072597.D

Acq: 24 May 2022 19:42

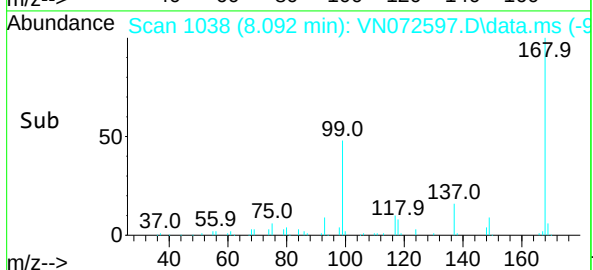
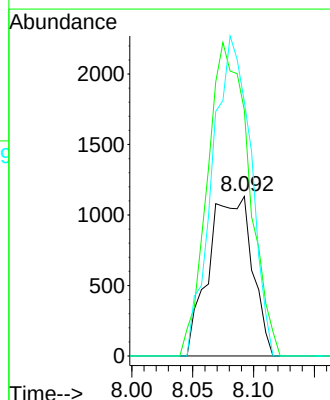
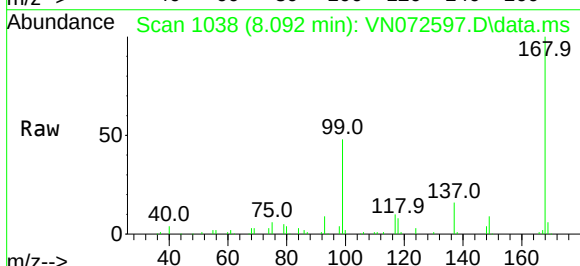
Tgt Ion: 56 Resp: 2798

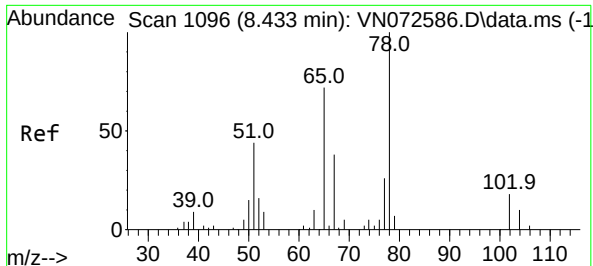
Ion Ratio Lower Upper

56 100

69 154.0 27.8 41.8#

84 159.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072597.D

Acq: 24 May 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

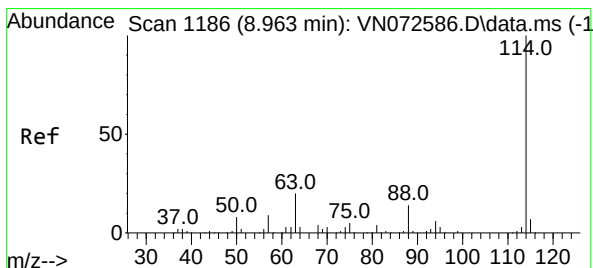
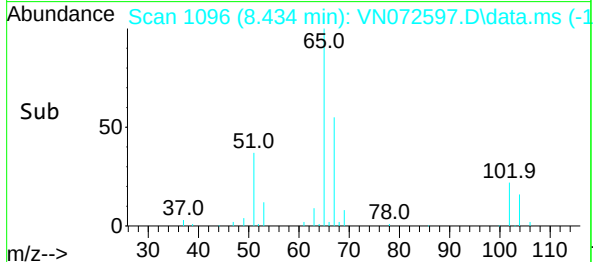
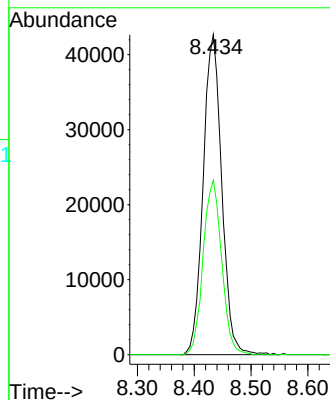
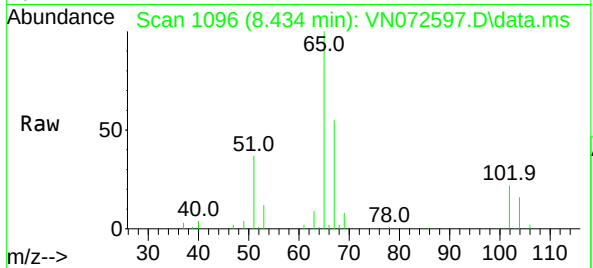
TGMP-4

Tgt Ion: 65 Resp: 96925

Ion Ratio Lower Upper

65 100

67 54.2 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: VN072597.D

Acq: 24 May 2022 19:42

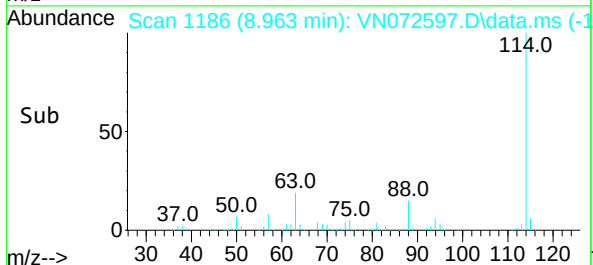
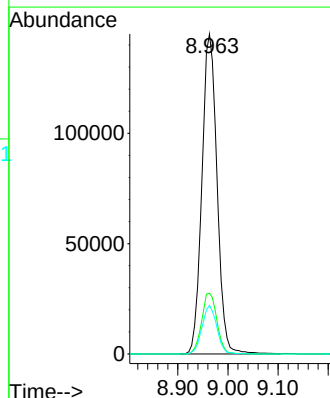
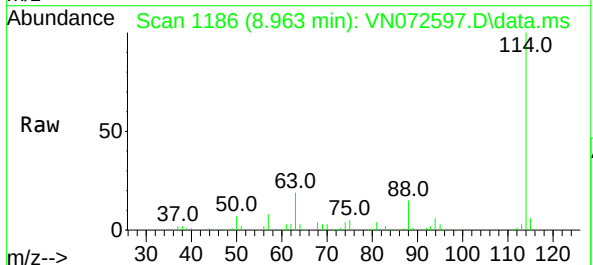
Tgt Ion: 114 Resp: 304404

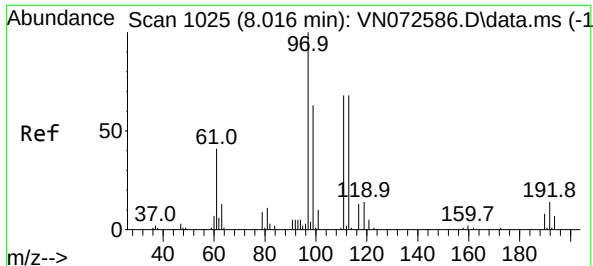
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.2 0.0 32.6

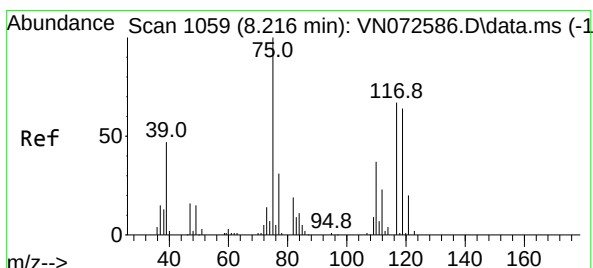
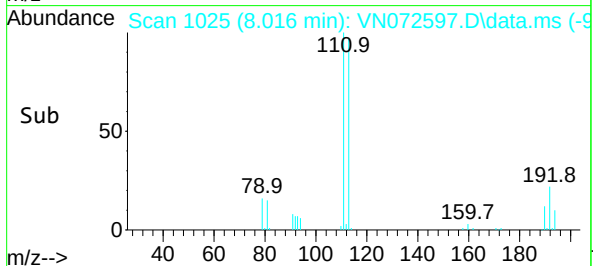
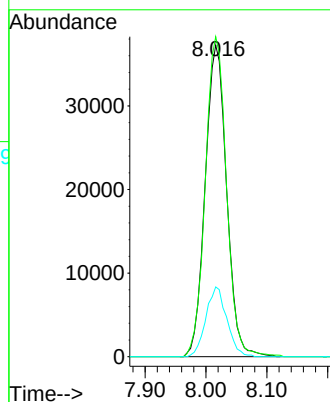
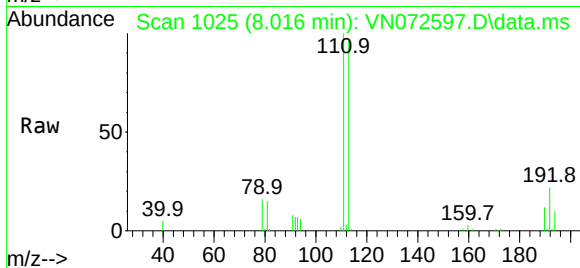




#35
Dibromofluoromethane
Concen: 46.183 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

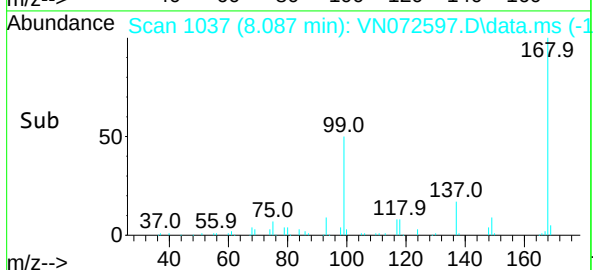
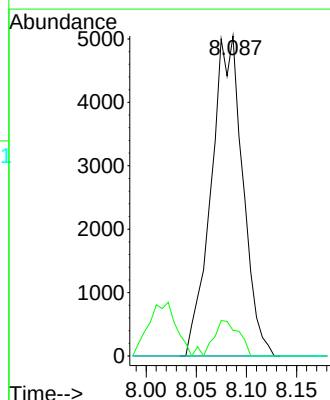
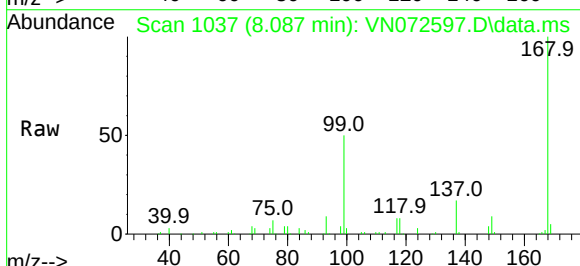
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

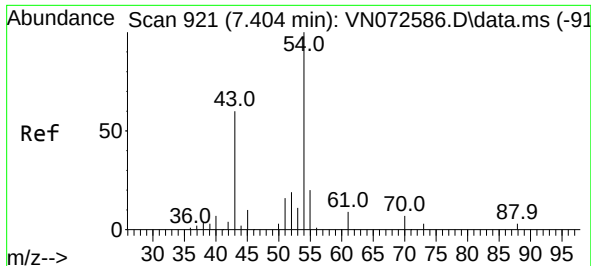
Tgt Ion:	113	Resp:	91115
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	21.9	17.0	25.6



#36
1,1-Dichloropropene
Concen: 3.970 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion:	75	Resp:	11080
Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.8#
77	0.0	25.1	37.7#

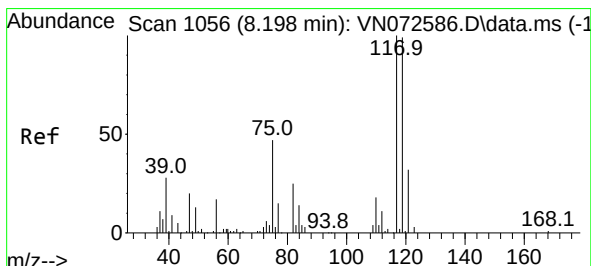
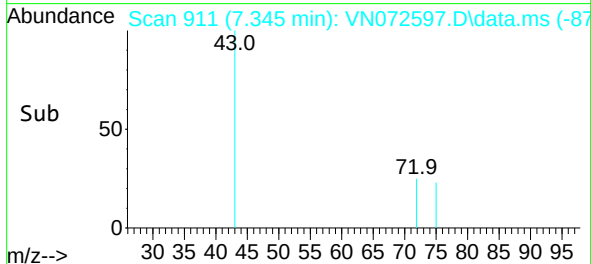
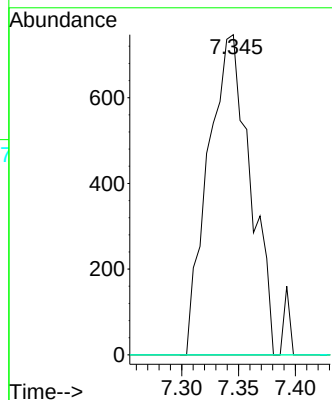
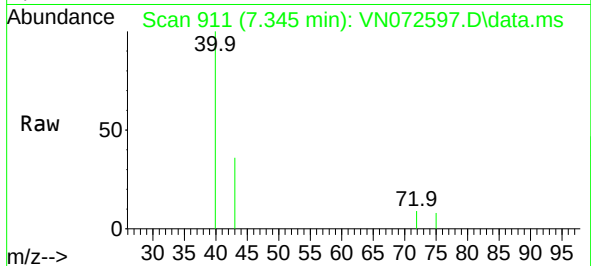




#37
Ethyl Acetate
Concen: 0.527 ug/l
RT: 7.345 min Scan# 911
Delta R.T. -0.059 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

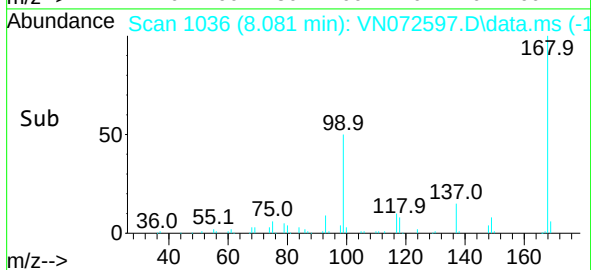
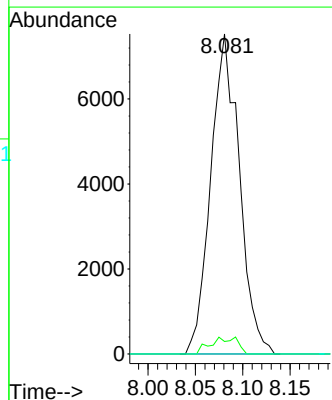
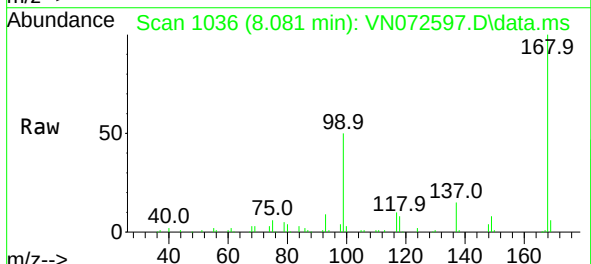
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

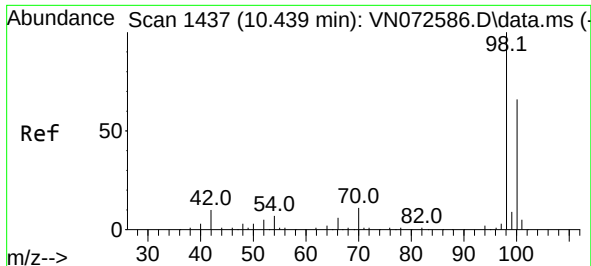
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.117 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion: 117 Resp: 15780
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#

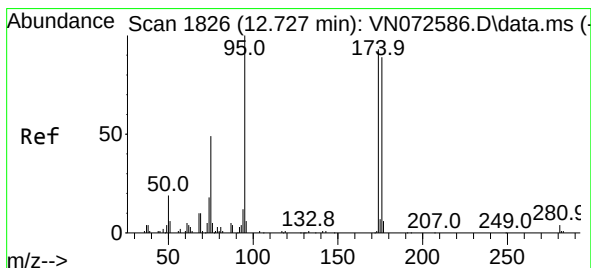
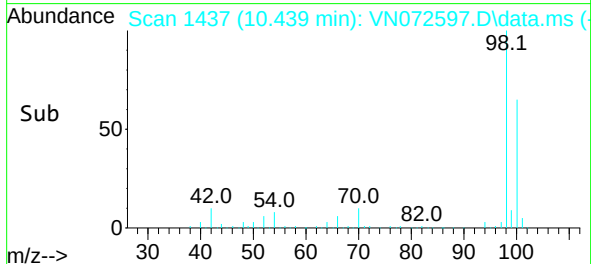
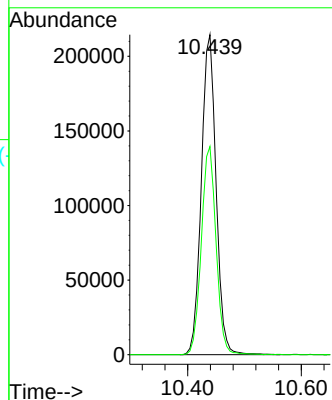
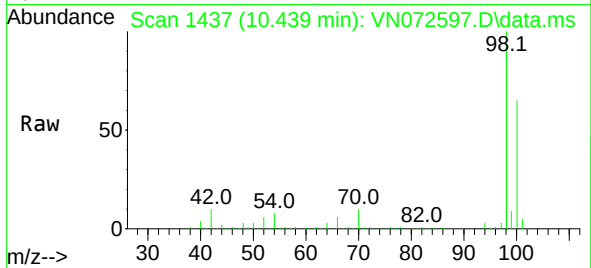




#50
Toluene-d8
Concen: 51.220 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

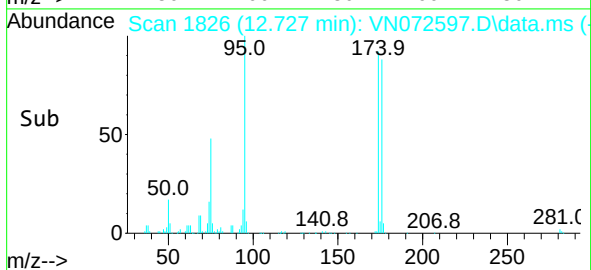
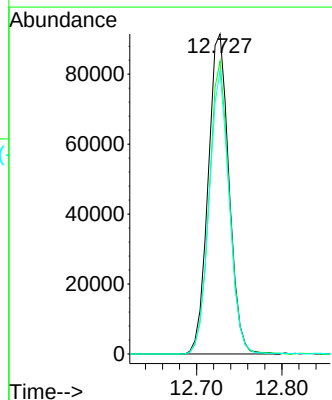
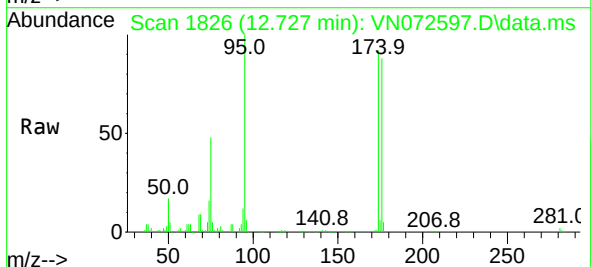
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

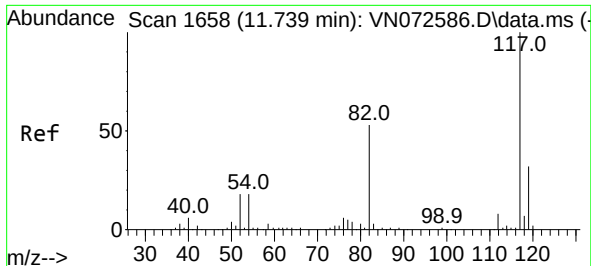
Tgt Ion: 98 Resp: 385853
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.351 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Tgt Ion: 95 Resp: 155217
Ion Ratio Lower Upper
95 100
174 88.2 0.0 167.6
176 84.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072597.D

Acq: 24 May 2022 19:42

Instrument :

MSVOA_N

ClientSampleId :

TGMP-4

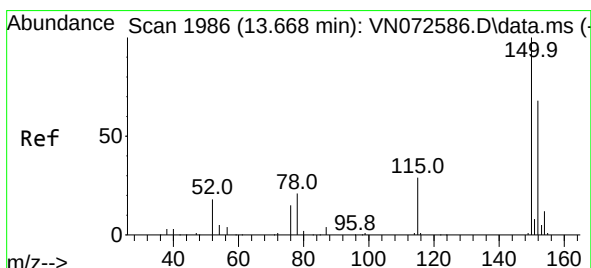
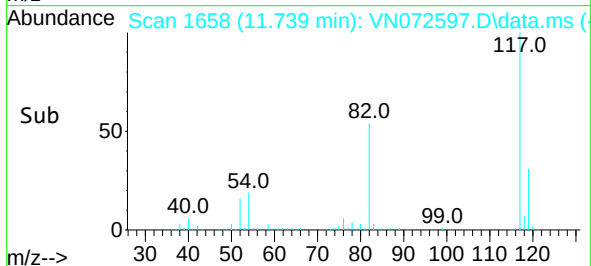
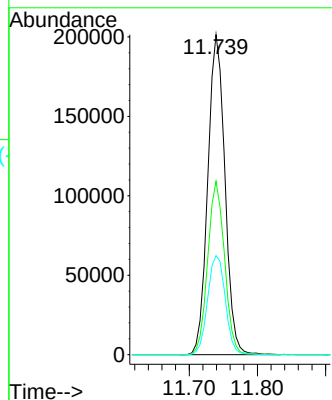
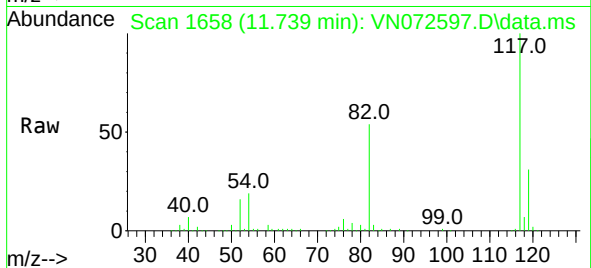
Tgt Ion:117 Resp: 352771

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

119 31.0 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: VN072597.D

Acq: 24 May 2022 19:42

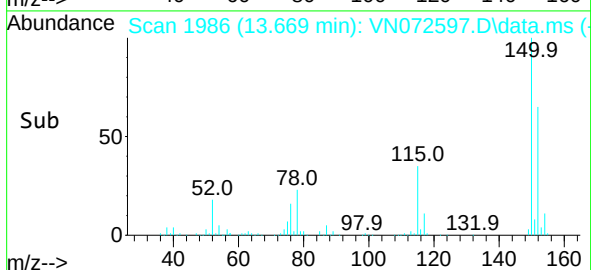
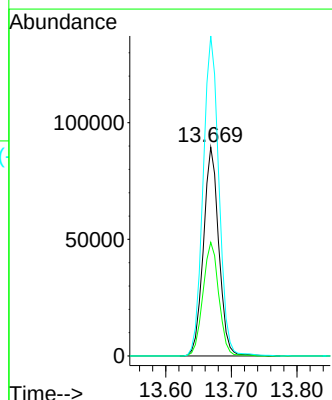
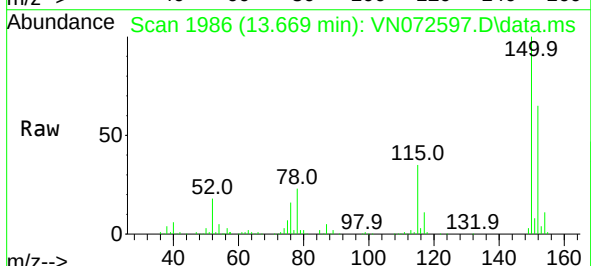
Tgt Ion:152 Resp: 146369

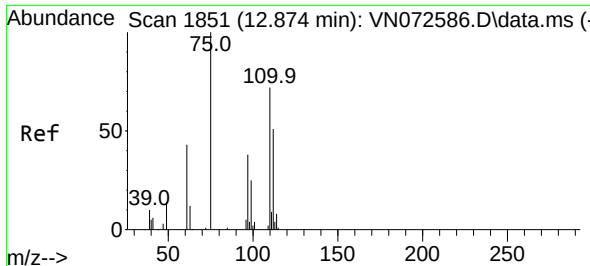
Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.7

150 157.3 0.0 356.2

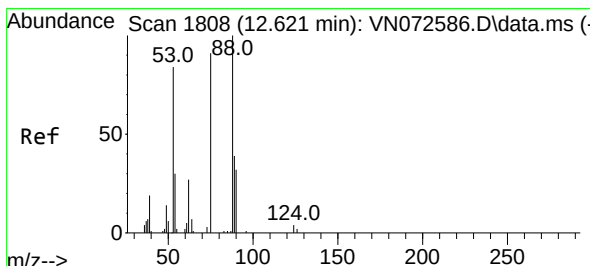
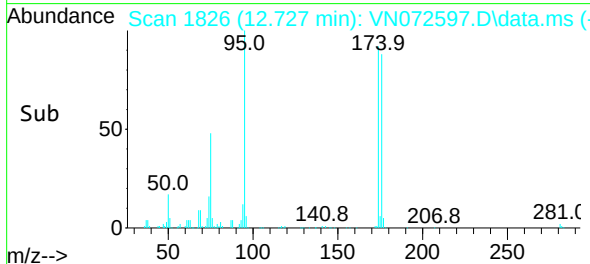
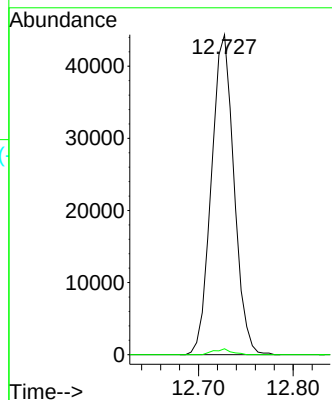
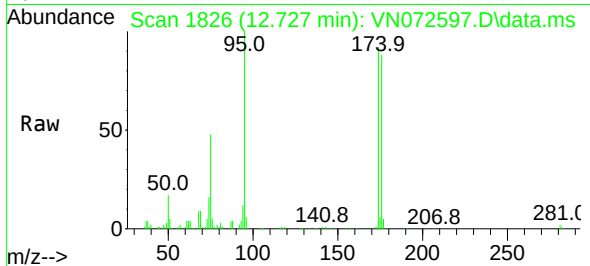




#76
1,2,3-Trichloropropane
Concen: 18.507 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

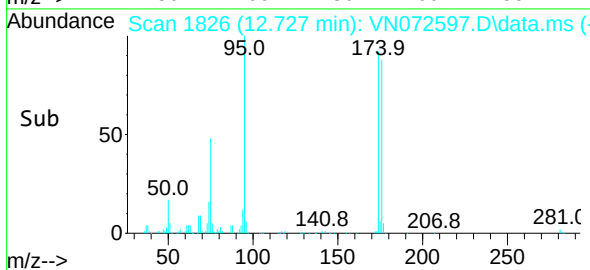
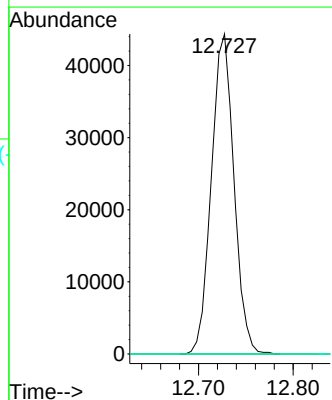
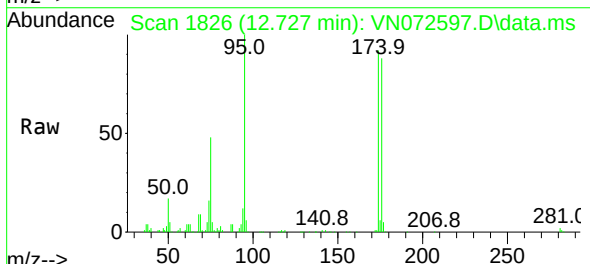
Instrument :
MSVOA_N
ClientSampleId :
TGMP-4

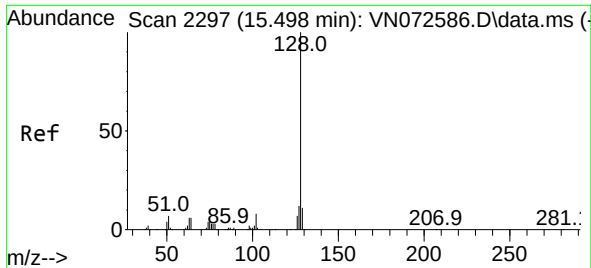
Tgt Ion: 75 Resp: 73543
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.311 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

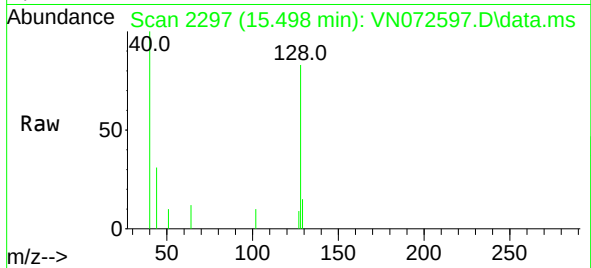
Tgt Ion: 75 Resp: 73543
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.302 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072597.D
Acq: 24 May 2022 19:42

Instrument :
MSVOA_N
ClientSampleId :
TGMP-4



Tgt Ion:128 Resp: 2749
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 5.5 8.6 13.0#

