

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076672.D
 Acq On : 14 Feb 2023 19:48
 Operator : JC\MD
 Sample : 01553-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01-DUP

Quant Time: Feb 15 03:18:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

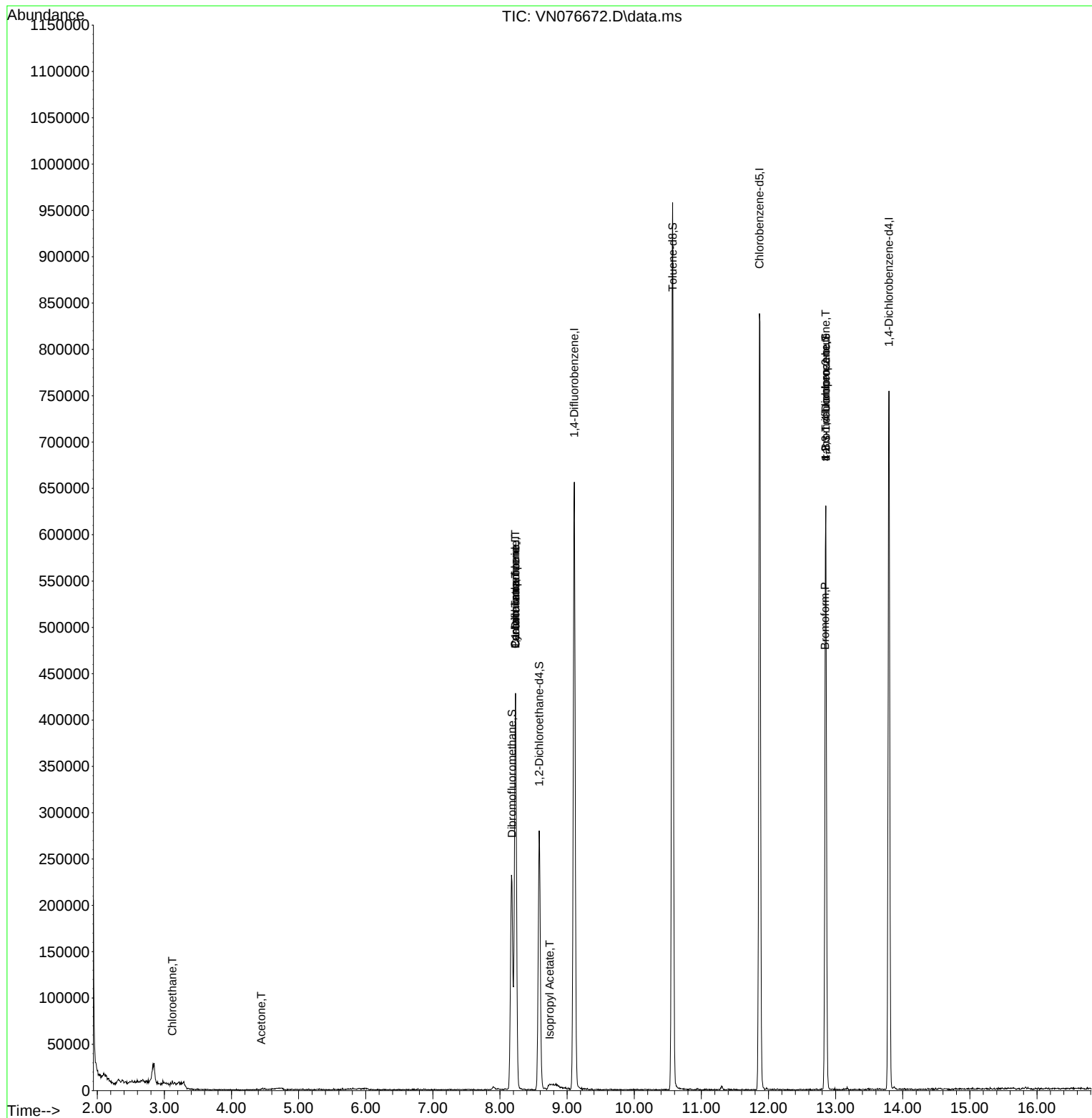
Internal Standards						
1) Pentafluorobenzene	8.230	168	294528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	551577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	480310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	188477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212320	52.206	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.420%	
35) Dibromofluoromethane	8.178	113	162403	44.960	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.920%	
50) Toluene-d8	10.571	98	654042	48.484	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.960%	
62) 4-Bromofluorobenzene	12.854	95	205552	46.007	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.020%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.119	64	614	0.242	ug/l #	44
16) Acetone	4.442	43	1162	0.640	ug/l #	42
31) Cyclohexane	8.230	56	9138	1.432	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	25983	4.979	ug/l #	50
38) Carbon Tetrachloride	8.230	117	32216	6.119	ug/l #	16
43) Isopropyl Acetate	8.742	43	4648	0.520	ug/l #	56
71) Bromoform	12.842	173	816	0.301	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	112440	29.508	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	112440	85.944	ug/l #	4

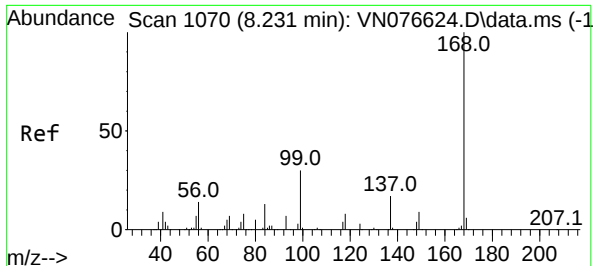
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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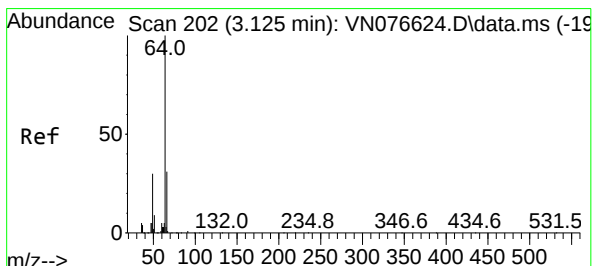
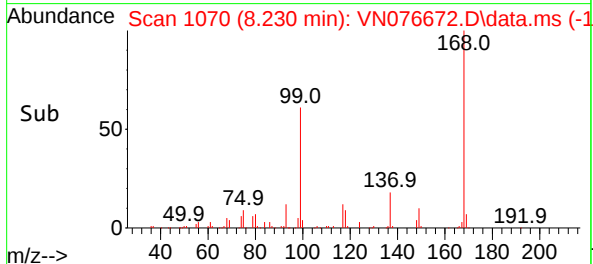
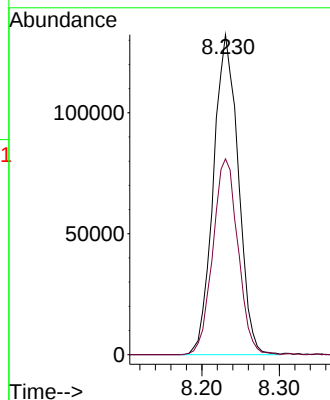
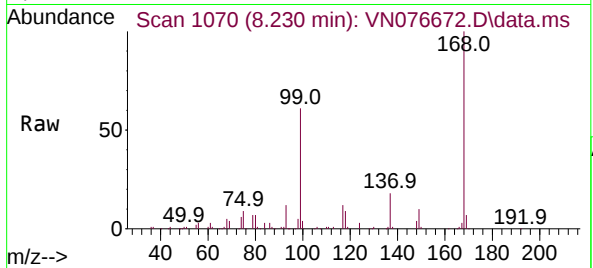




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

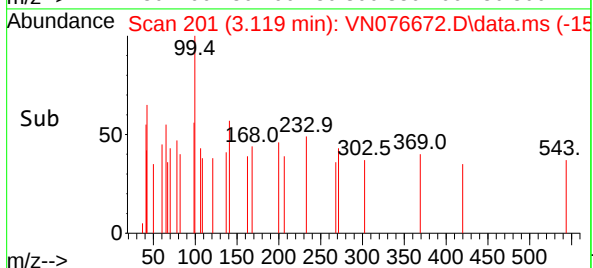
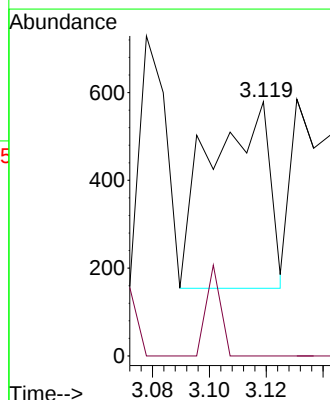
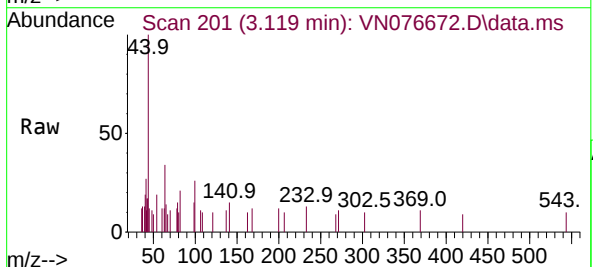
Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

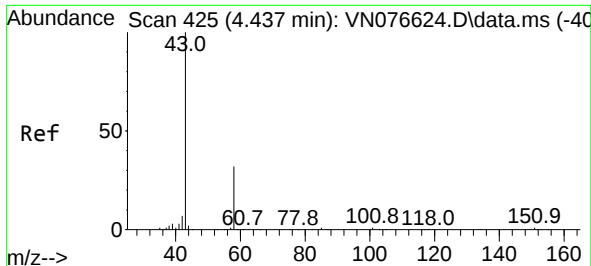
Tgt Ion:168 Resp: 294528
Ion Ratio Lower Upper
168 100
99 61.2 44.8 67.2



#6
Chloroethane
Concen: 0.242 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 64 Resp: 614
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#

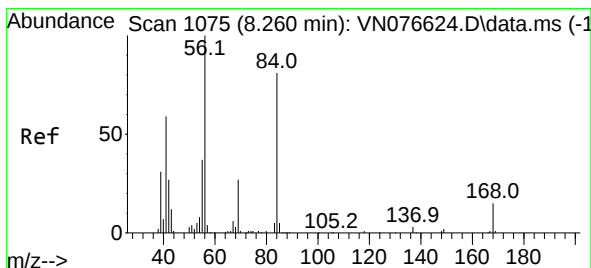
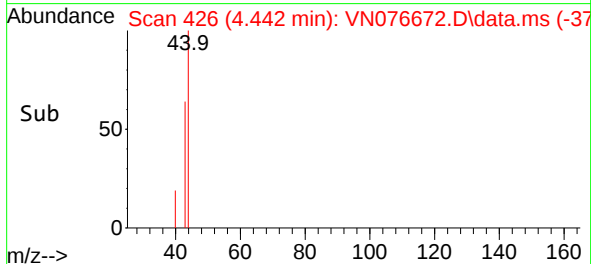
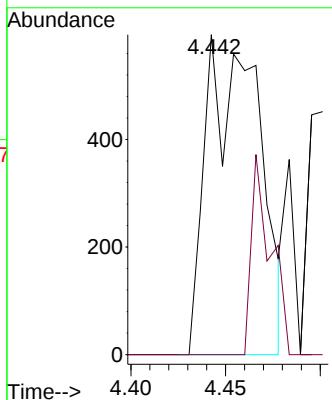
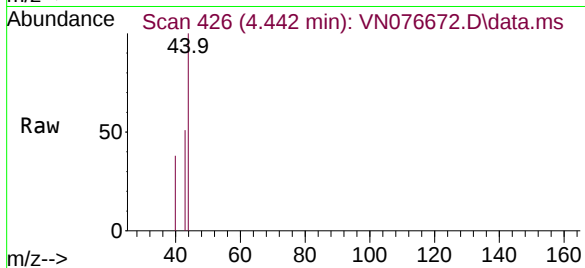




#16
Acetone
Concen: 0.640 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

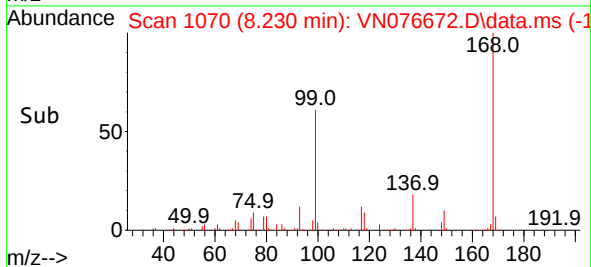
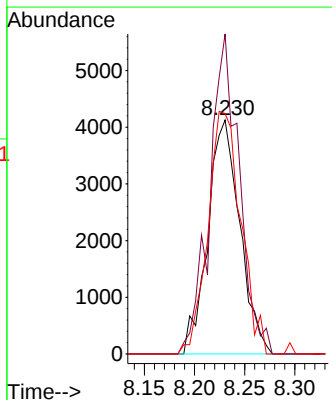
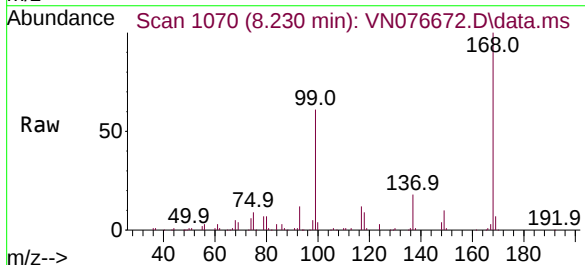
Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

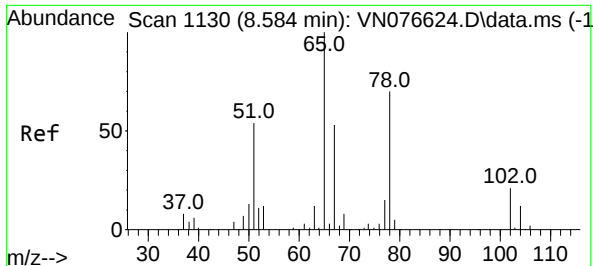
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#31
Cyclohexane
Concen: 1.432 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 56 Resp: 9138
Ion Ratio Lower Upper
56 100
69 136.8 21.6 32.4#
84 102.8 65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: 52.206 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

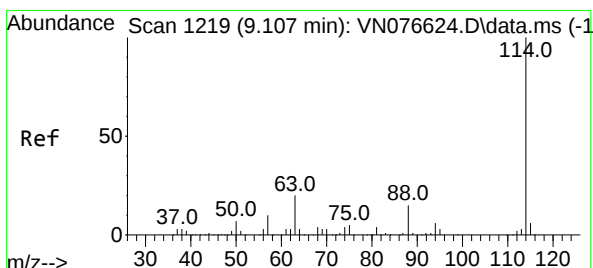
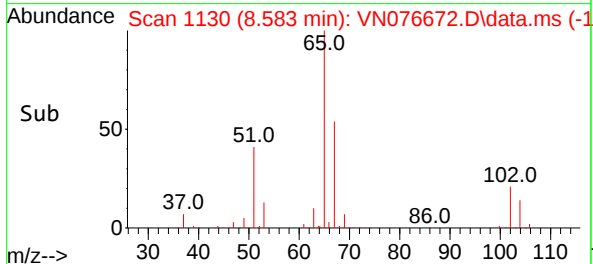
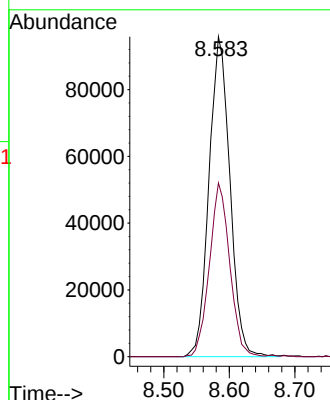
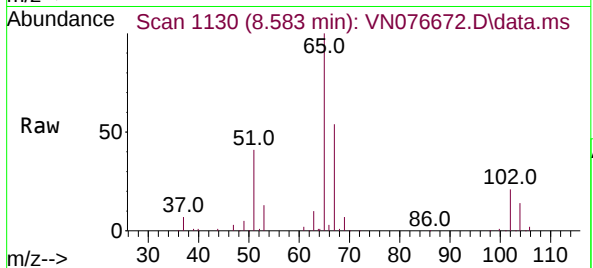
TWP-01-DUP

Tgt Ion: 65 Resp: 212320

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

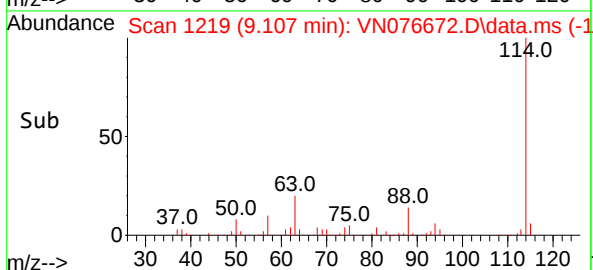
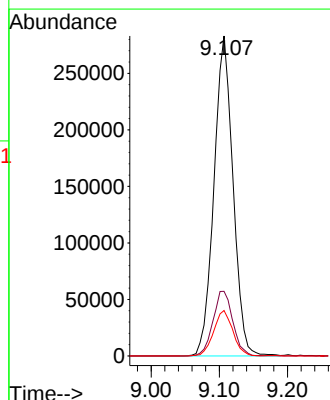
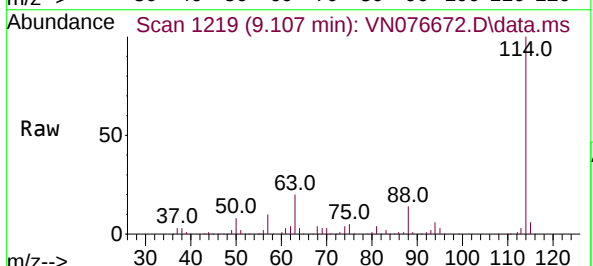
Tgt Ion: 114 Resp: 551577

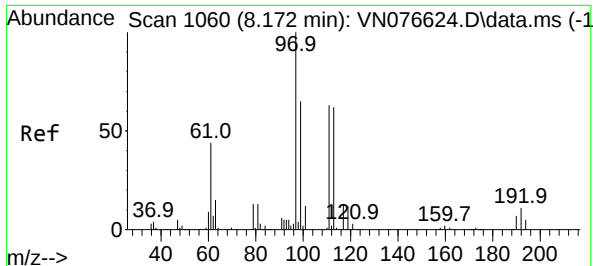
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 44.960 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

TWP-01-DUP

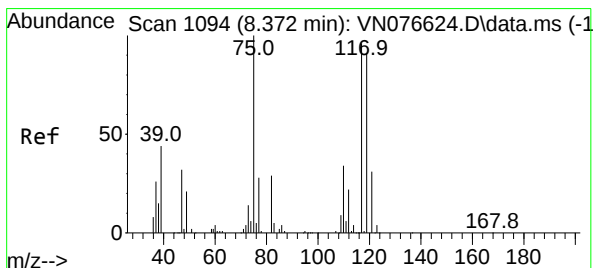
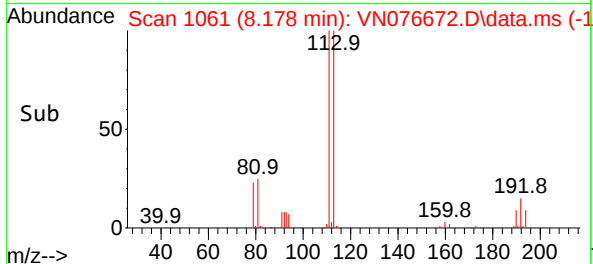
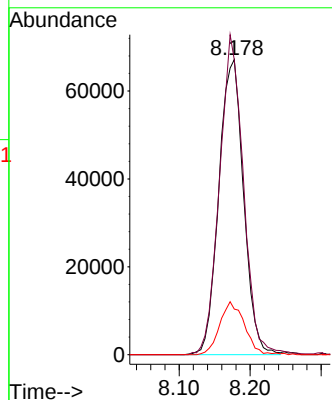
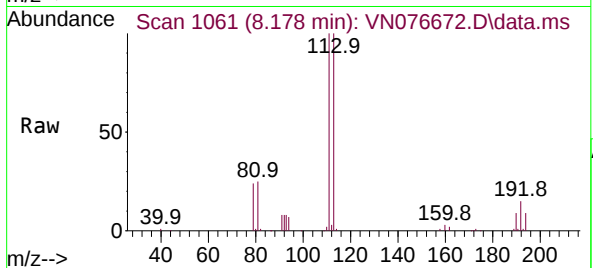
Tgt Ion:113 Resp: 162403

Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 18.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.142 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

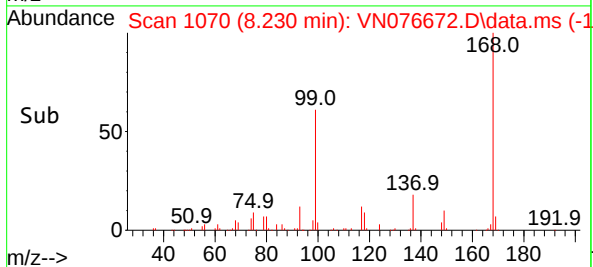
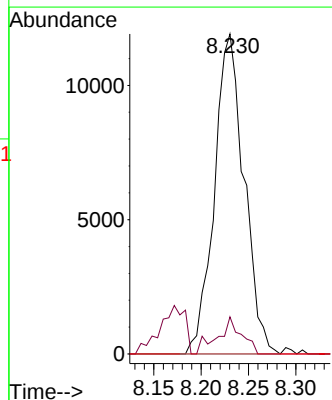
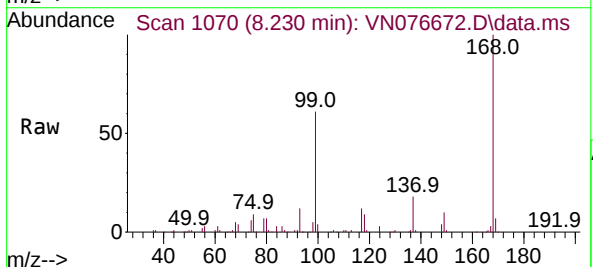
Tgt Ion: 75 Resp: 25983

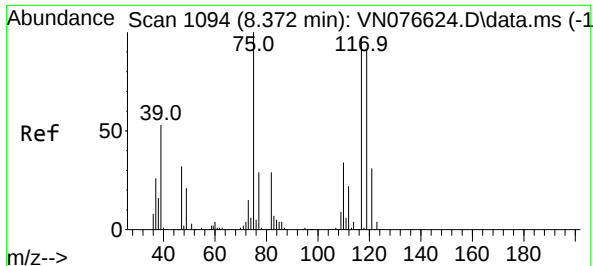
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

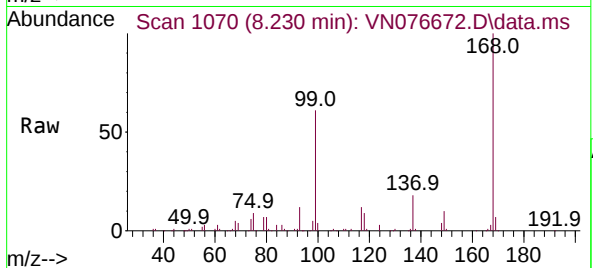
77 0.0 24.5 36.7#



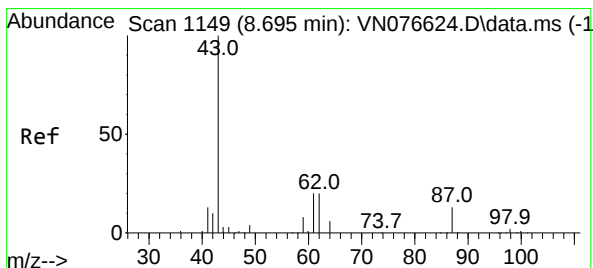
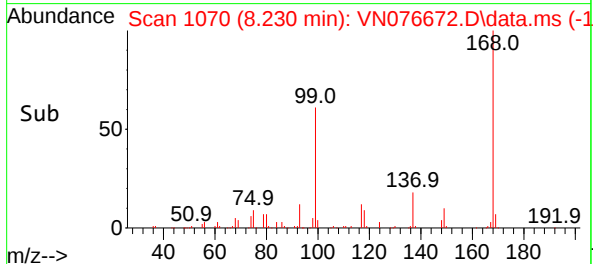
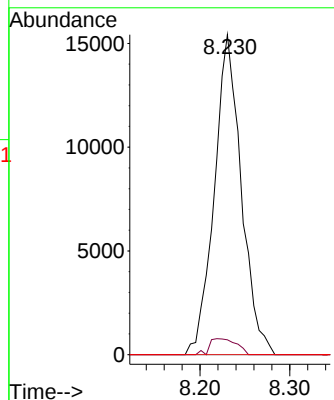


#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 8.230 min Scan# 1157
Delta R.T. -0.142 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

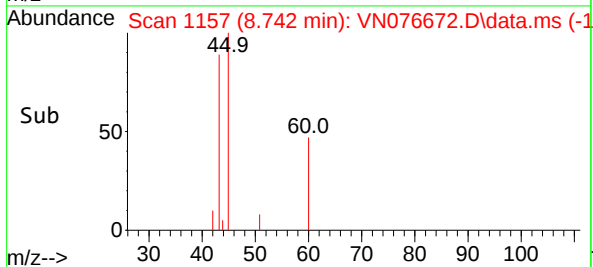
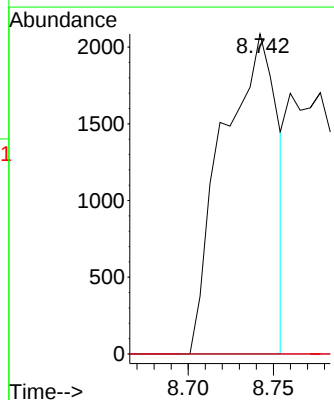
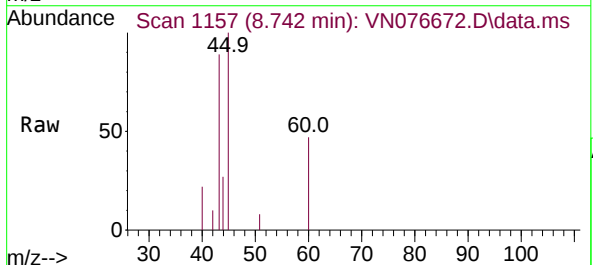


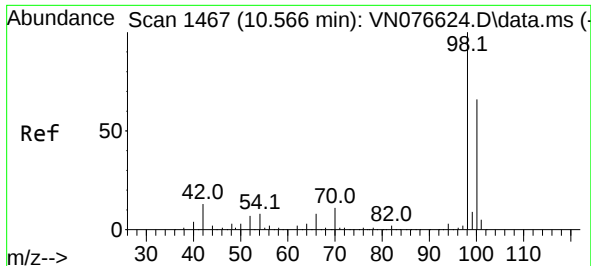
Tgt Ion:117 Resp: 32216
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.520 ug/l
RT: 8.742 min Scan# 1157
Delta R.T. 0.047 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 43 Resp: 4648
Ion Ratio Lower Upper
43 100
61 0.0 20.0 30.0#
87 0.0 9.9 14.9#

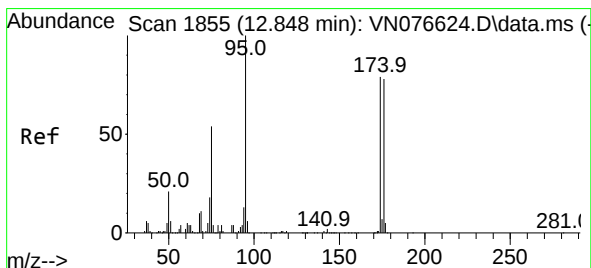
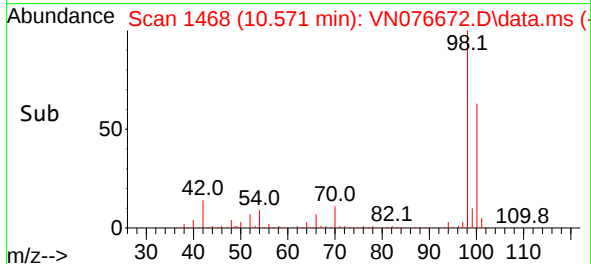
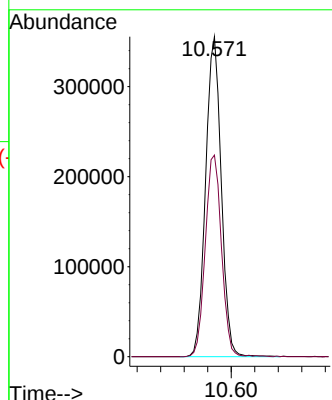
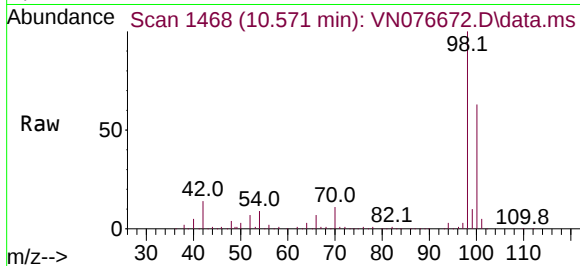




#50
Toluene-d8
Concen: 48.484 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

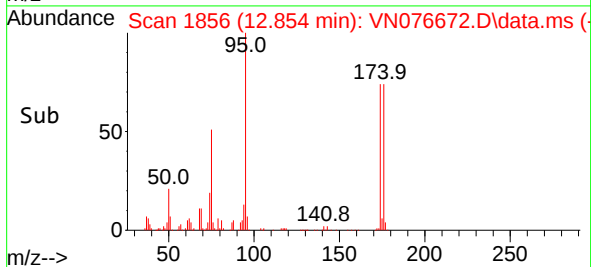
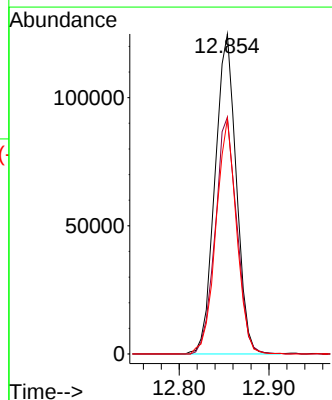
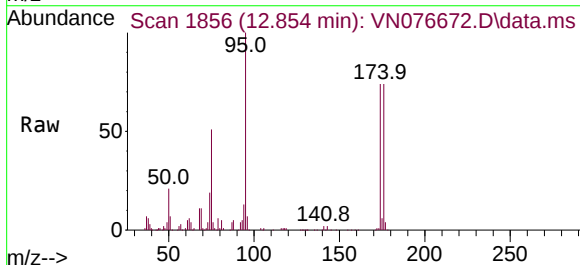
Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

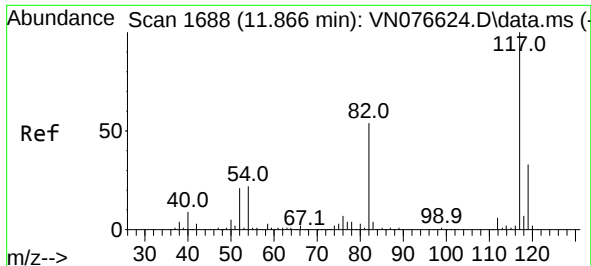
Tgt Ion: 98 Resp: 654042
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 95 Resp: 205552
Ion Ratio Lower Upper
95 100
174 74.8 0.0 169.2
176 71.0 0.0 163.4

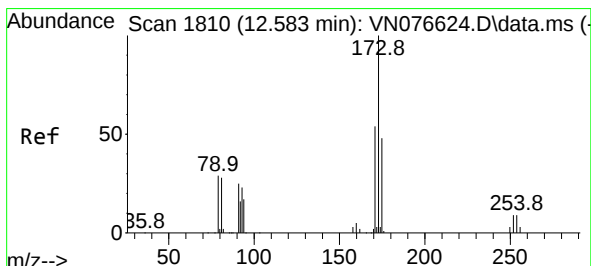
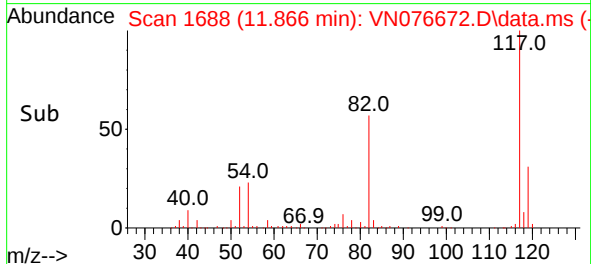
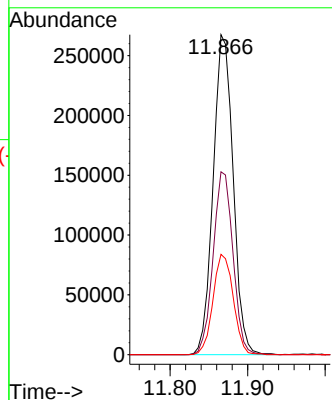
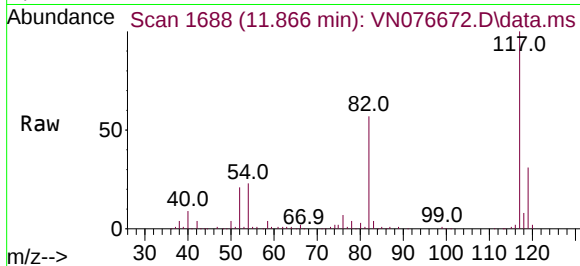




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

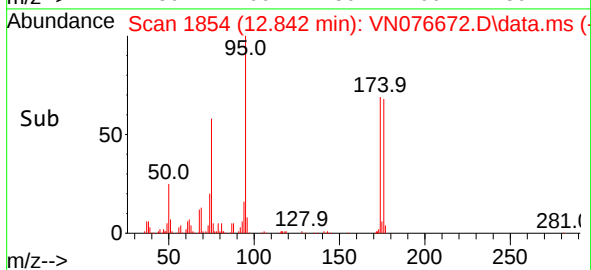
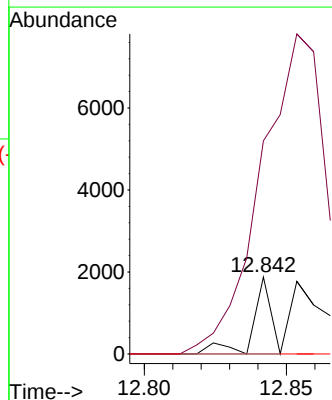
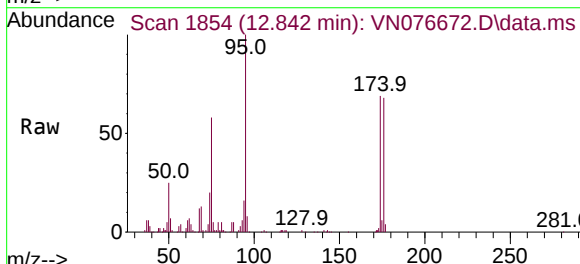
Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

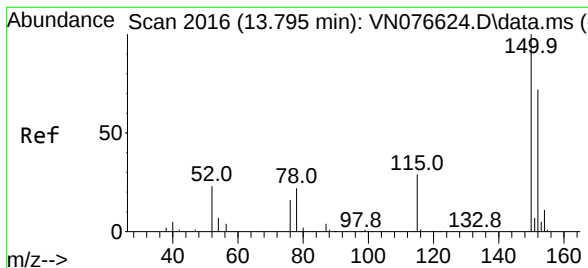
Tgt Ion:117 Resp: 480310
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 31.3 26.1 39.1



#71
Bromoform
Concen: 0.301 ug/l
RT: 12.842 min Scan# 1854
Delta R.T. 0.259 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion:173 Resp: 816
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

TWP-01-DUP

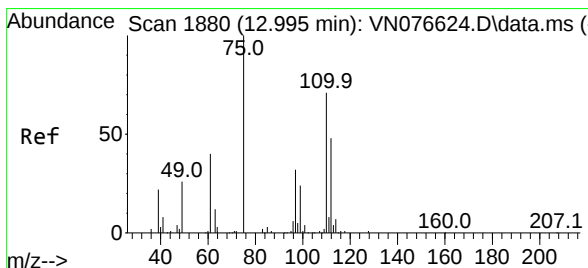
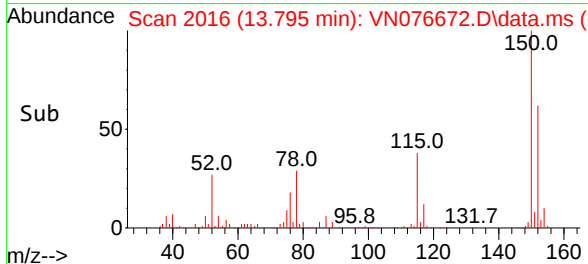
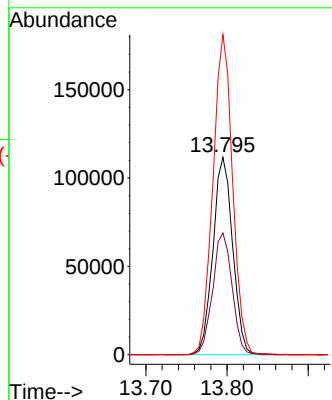
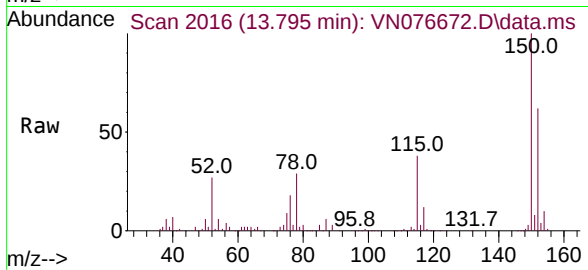
Tgt Ion:152 Resp: 188477

Ion Ratio Lower Upper

152 100

115 60.8 29.3 87.9

150 161.9 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 29.508 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076672.D

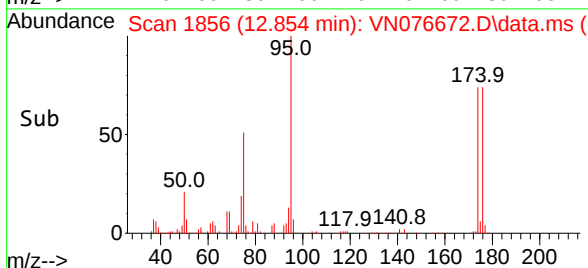
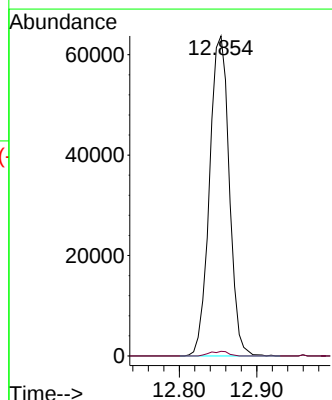
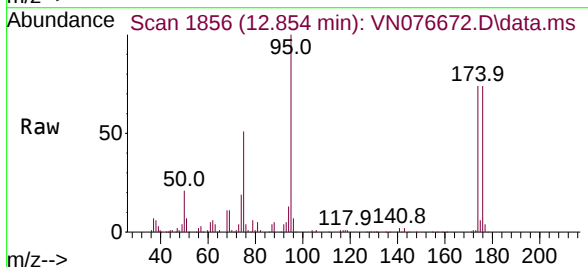
Acq: 14 Feb 2023 19:48

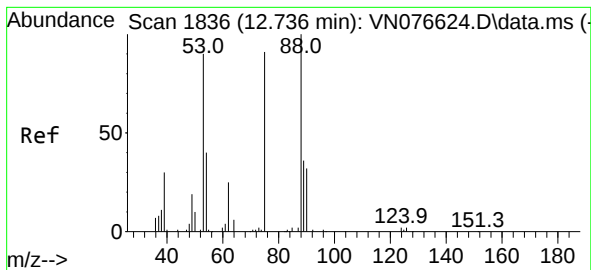
Tgt Ion: 75 Resp: 112440

Ion Ratio Lower Upper

75 100

77 1.4 93.1 279.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.944 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN076672.D
 Acq: 14 Feb 2023 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01-DUP

Tgt Ion: 75 Resp: 112440
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.1 138.1#
 89 0.0 37.5 56.3#

