

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010085.D
 Acq On : 18 Aug 2022 15:59
 Operator : KP/MD
 Sample : N4188-01
 Misc : 13.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

Quant Time: Aug 18 19:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

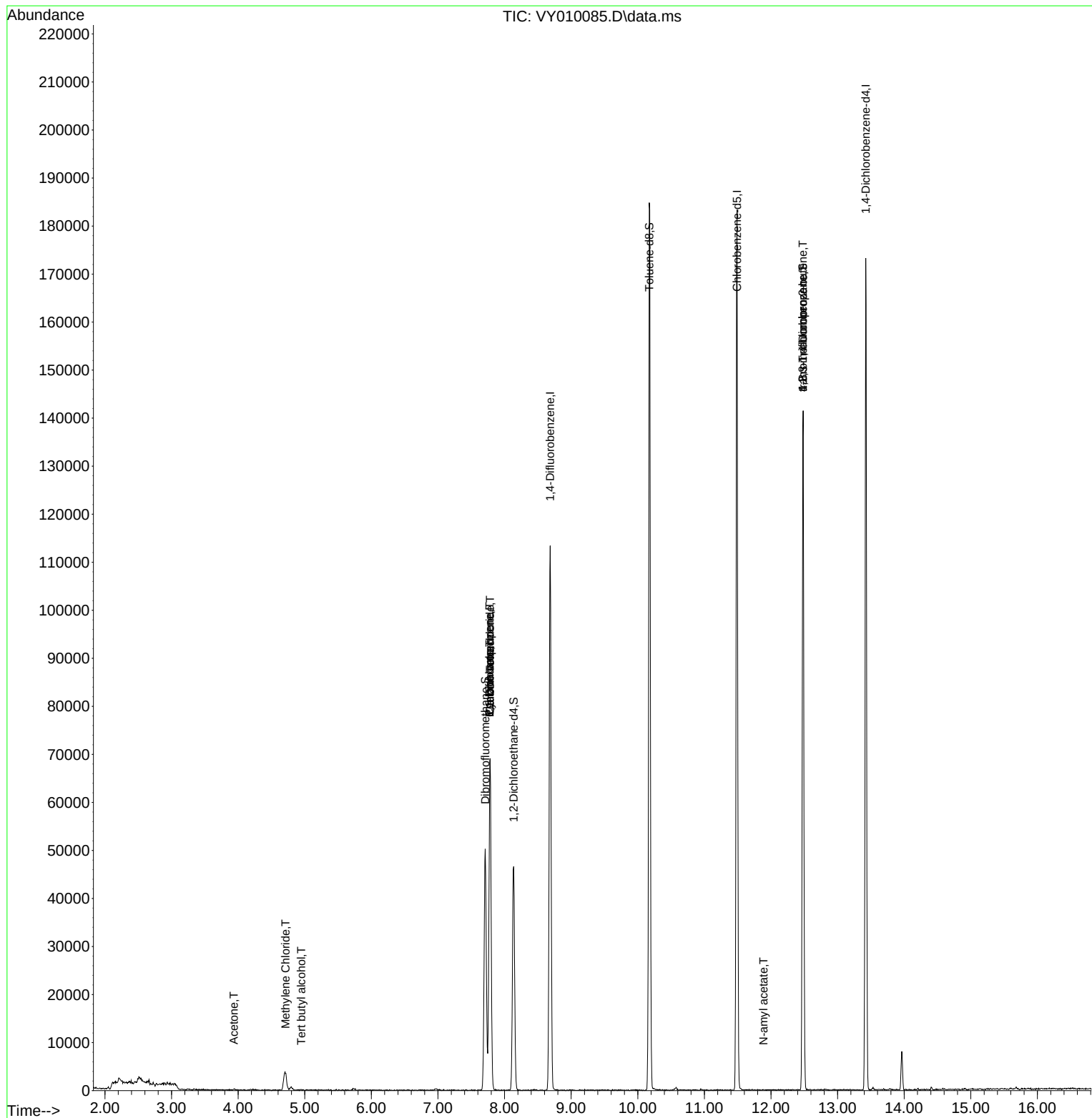
Internal Standards						
1) Pentafluorobenzene	7.777	168	53954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	100741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36249	67.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.380%	
35) Dibromofluoromethane	7.710	113	34885	53.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.173	98	120689	50.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.477	95	39628	46.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	55	1.048	ug/l #	74
16) Acetone	3.936	43	370	3.202	ug/l #	48
20) Methylene Chloride	4.710	84	3155	2.715	ug/l	96
31) Cyclohexane	7.777	56	1156	1.517	ug/l #	31
36) 1,1-Dichloropropene	7.777	75	4146	4.575	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5577	5.004	ug/l #	15
74) N-amyl acetate	11.886	43	39	4.728	ug/l #	44
76) 1,2,3-Trichloropropane	12.477	75	20091	47.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20091	107.573	ug/l #	12

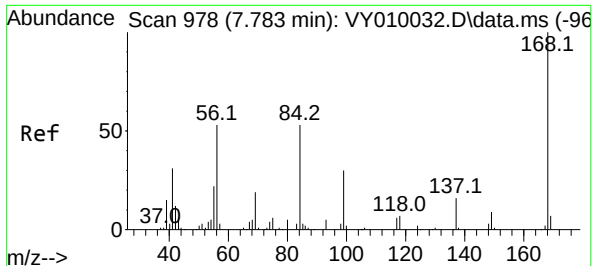
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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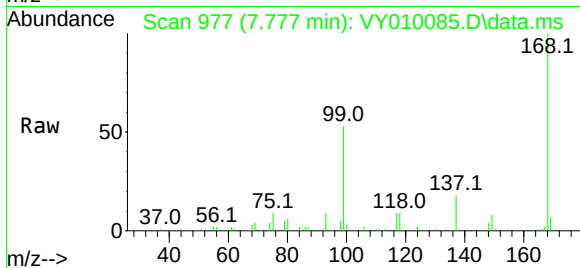
Quant Time: Aug 18 19:09:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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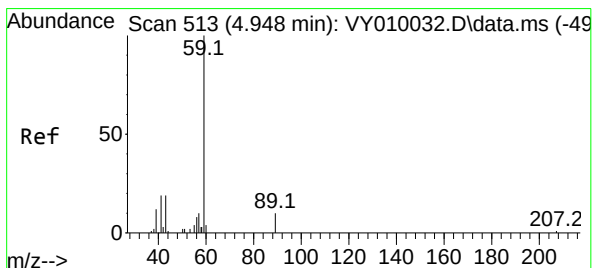
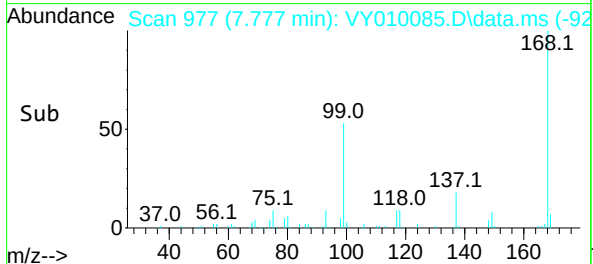
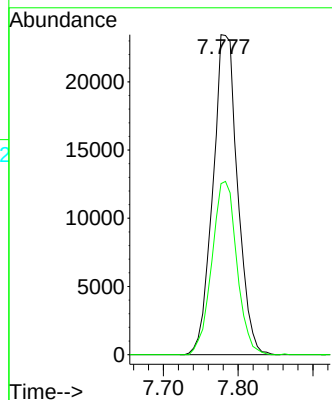


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
S4

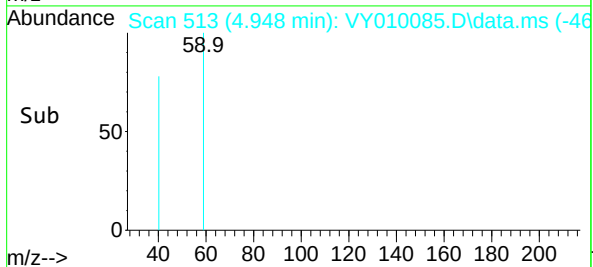
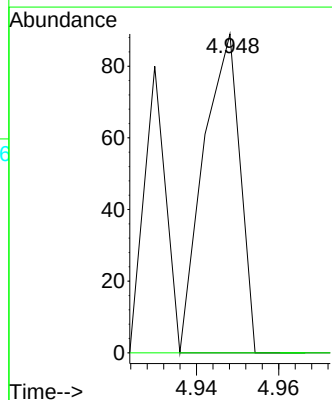
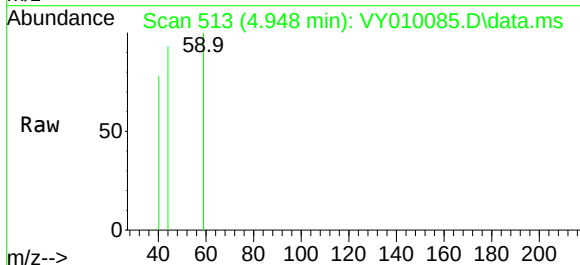


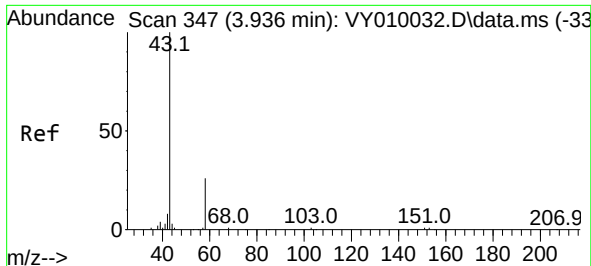
Tgt Ion:168 Resp: 53954
Ion Ratio Lower Upper
168 100
99 53.4 37.7 56.5



#11
Tert butyl alcohol
Concen: 1.048 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 3.202 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

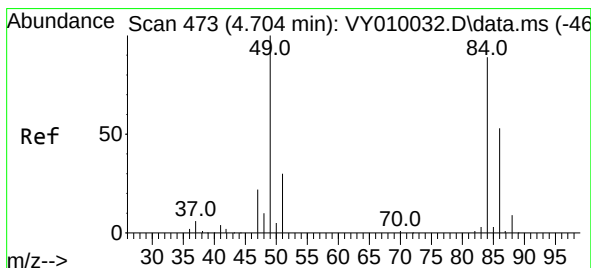
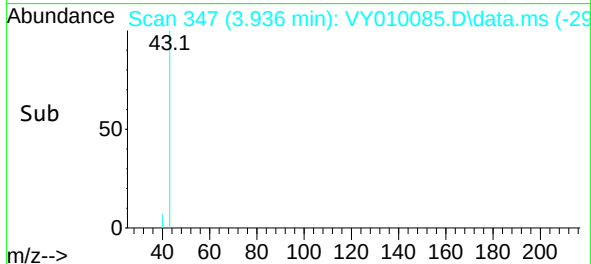
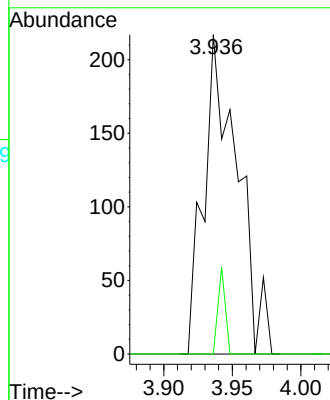
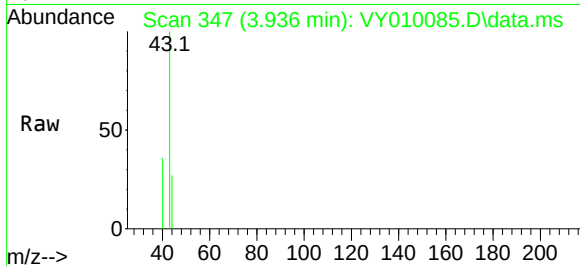
S4

Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#20

Methylene Chloride

Concen: 2.715 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

Tgt Ion: 84 Resp: 3155

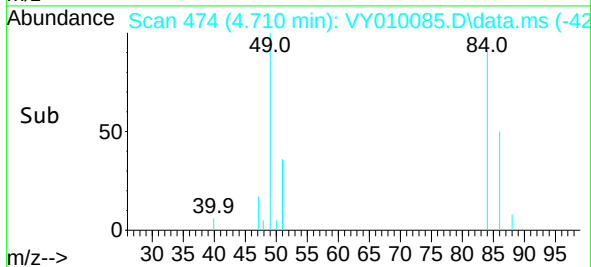
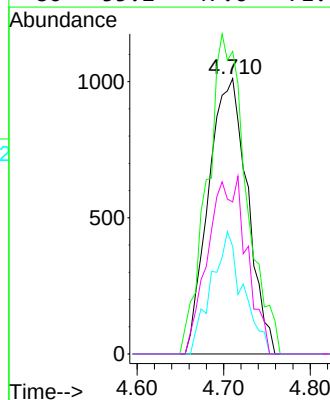
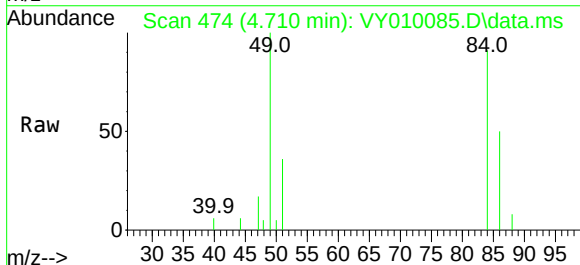
Ion Ratio Lower Upper

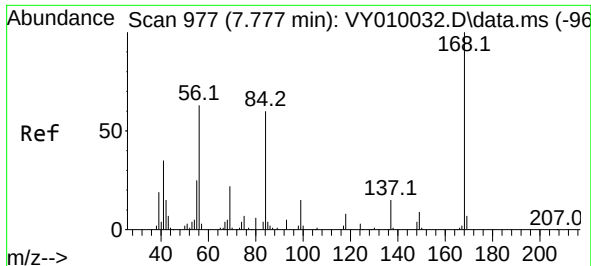
84 100

49 109.9 89.5 134.3

51 39.1 26.8 40.2

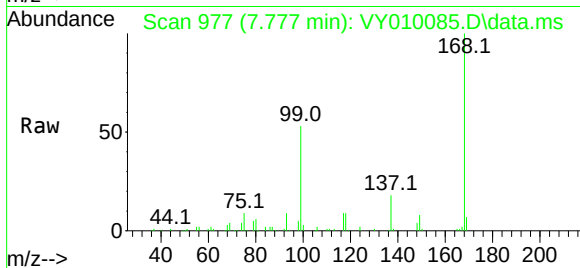
86 55.2 47.6 71.4



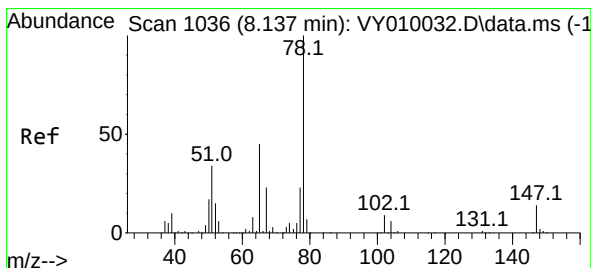
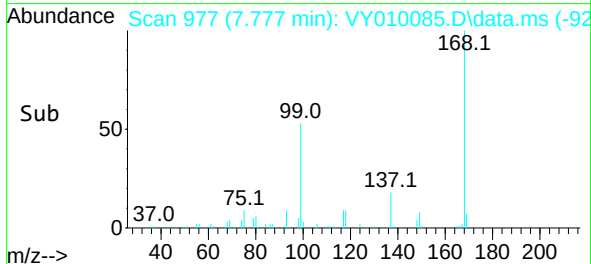
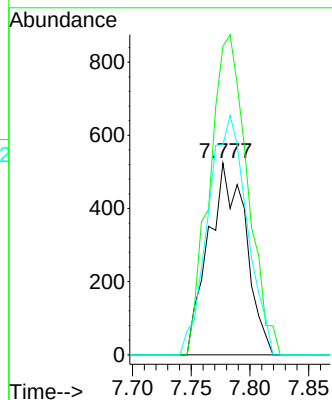


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
S4

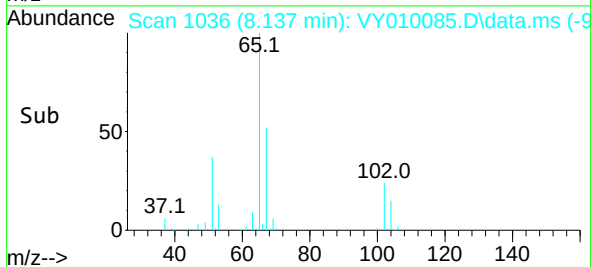
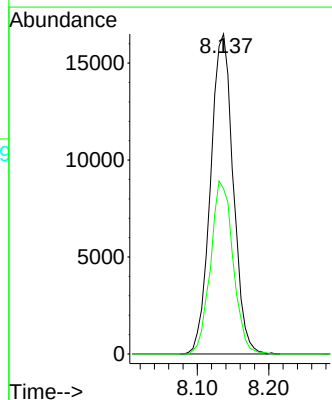
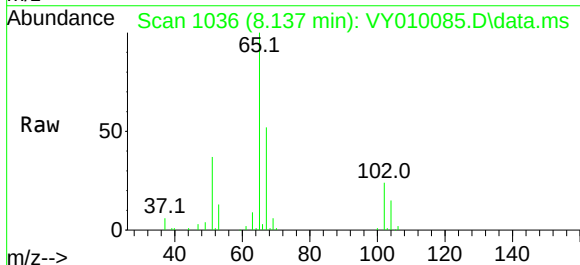


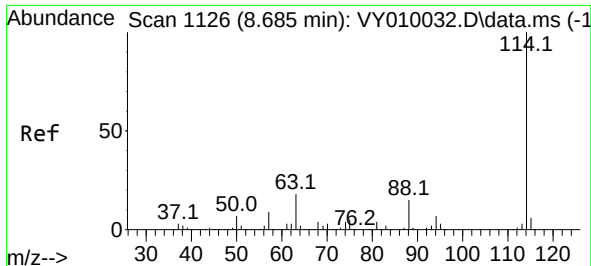
Tgt Ion: 56 Resp: 1156
Ion Ratio Lower Upper
56 100
69 160.9 28.6 43.0#
84 109.5 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 67.194 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion: 65 Resp: 36249
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

S4

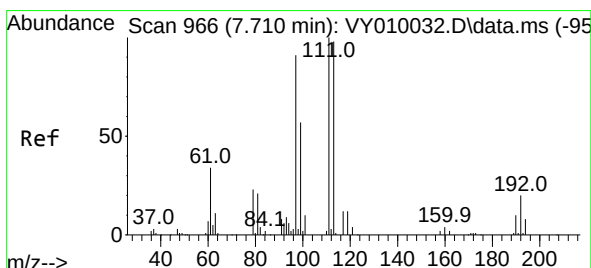
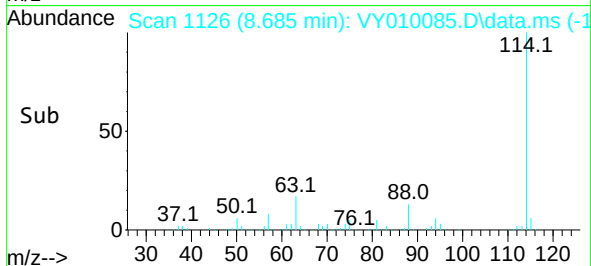
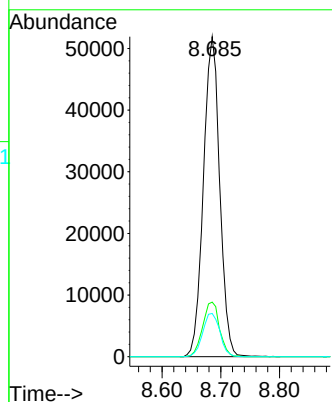
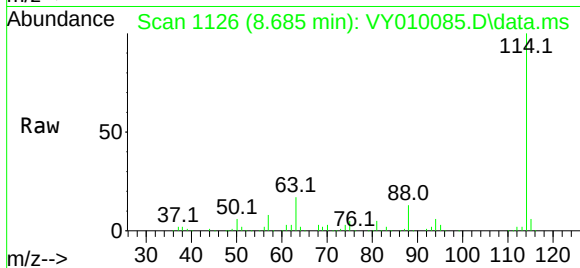
Tgt Ion:114 Resp: 100305

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 13.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.630 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

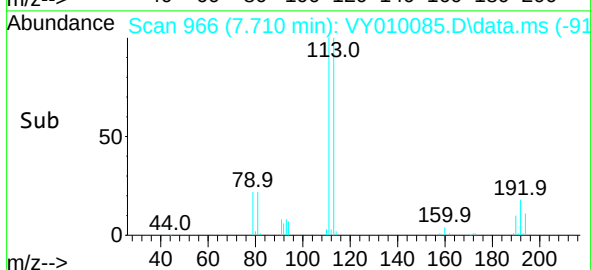
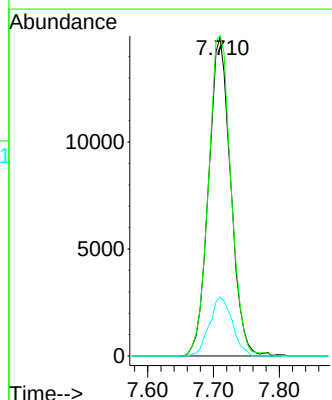
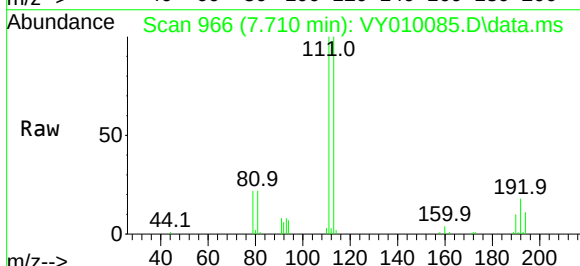
Tgt Ion:113 Resp: 34885

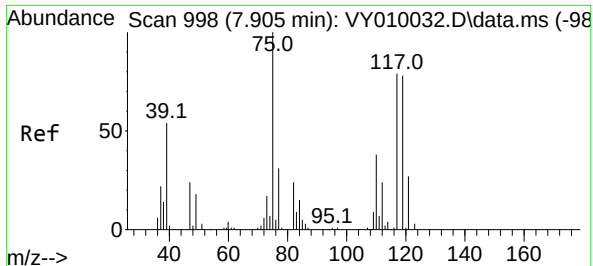
Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 19.0 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

S4

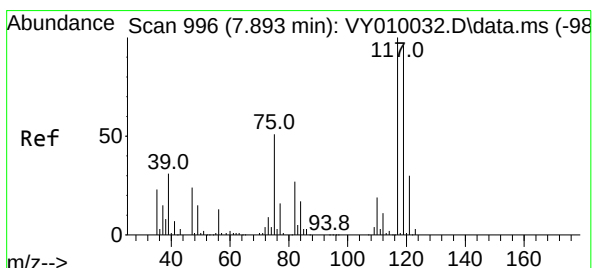
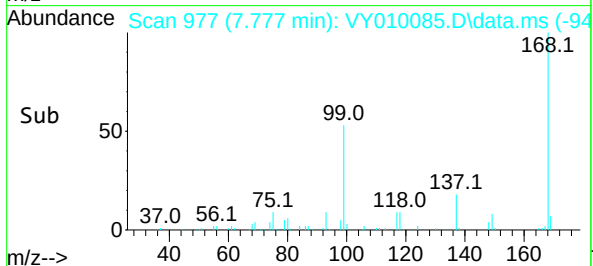
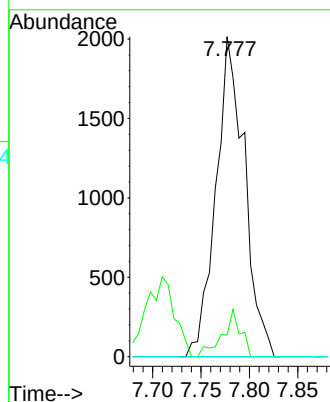
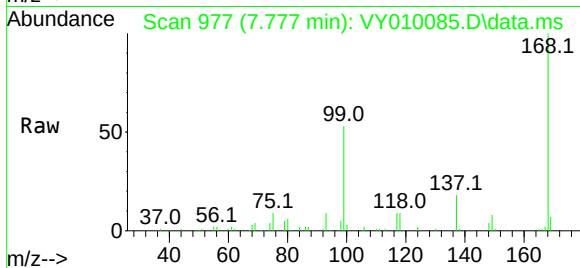
Tgt Ion: 75 Resp: 4146

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.004 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

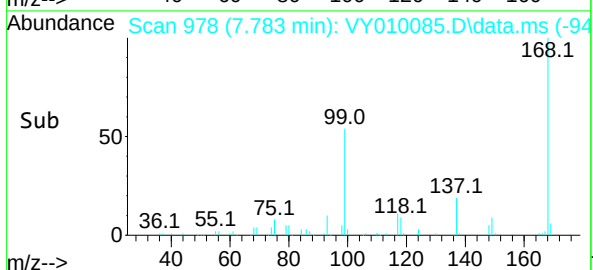
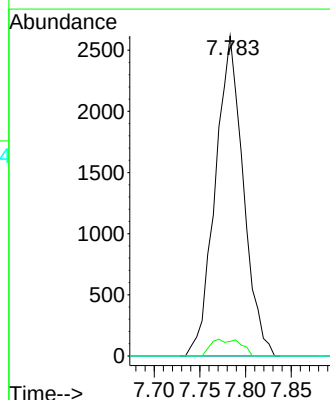
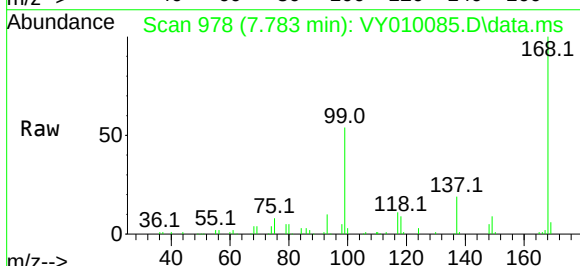
Tgt Ion: 117 Resp: 5577

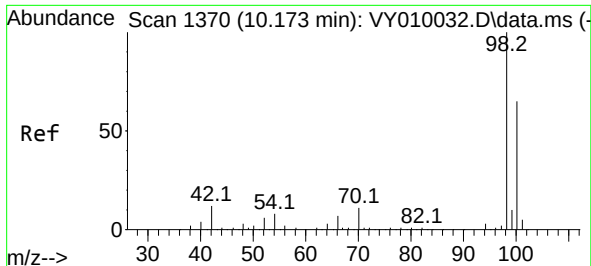
Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

121 0.0 24.2 36.4#

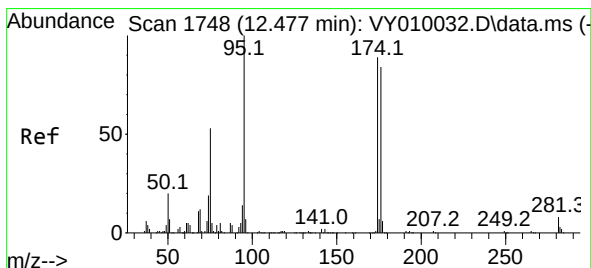
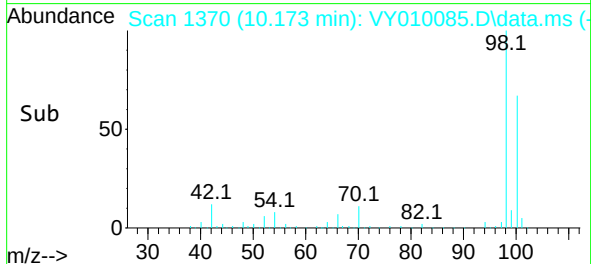
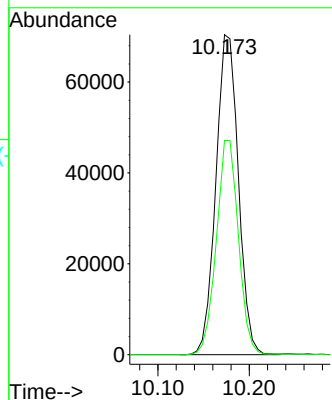
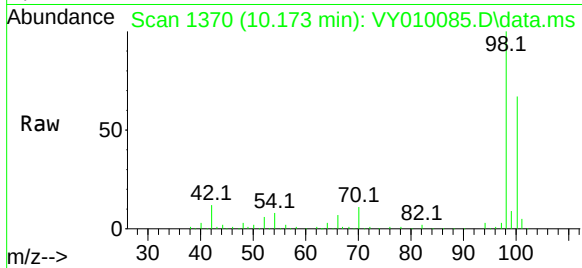




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

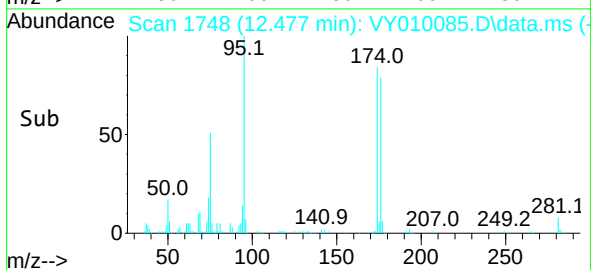
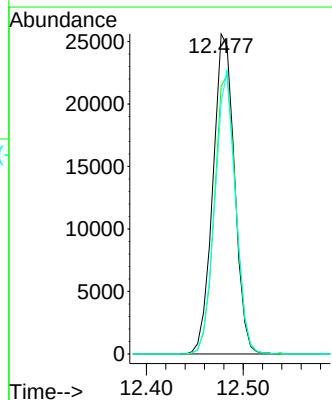
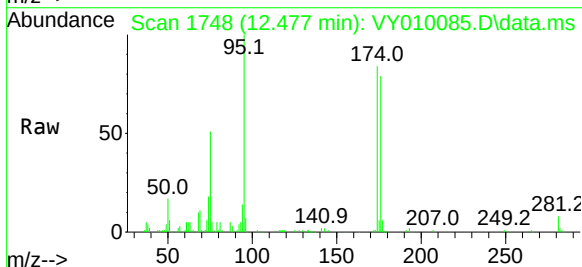
Instrument :
MSVOA_Y
ClientSampleId :
S4

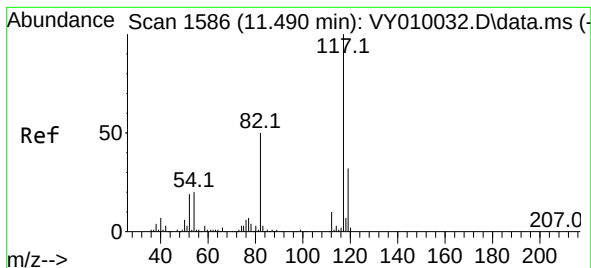
Tgt Ion: 98 Resp: 120689
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion: 95 Resp: 39628
Ion Ratio Lower Upper
95 100
174 86.1 0.0 184.2
176 84.6 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

S4

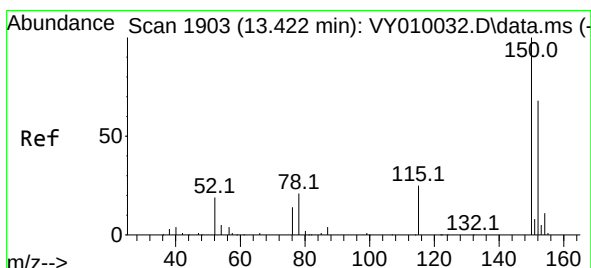
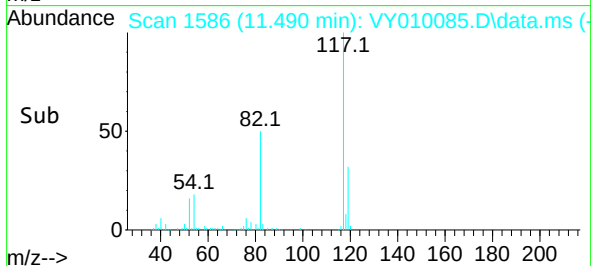
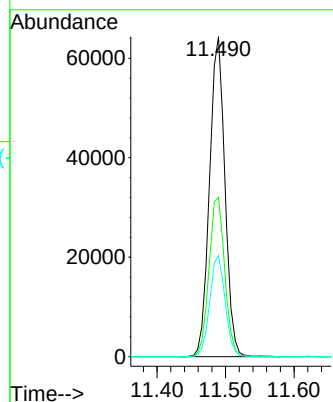
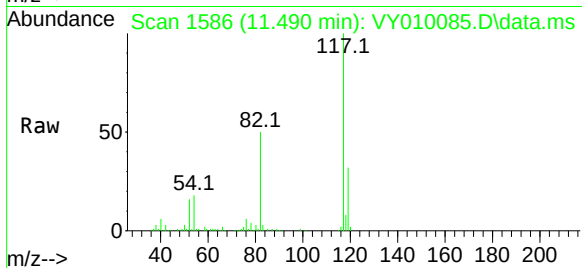
Tgt Ion:117 Resp: 100741

Ion Ratio Lower Upper

117 100

82 49.8 39.8 59.6

119 31.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

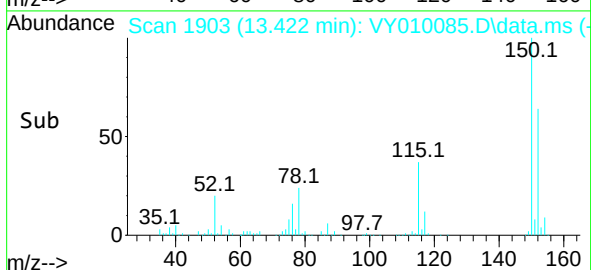
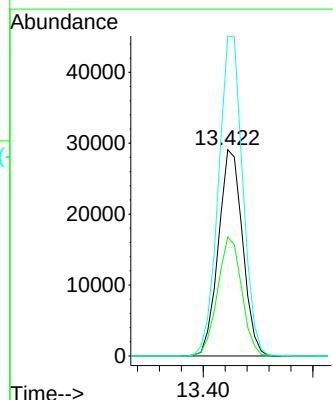
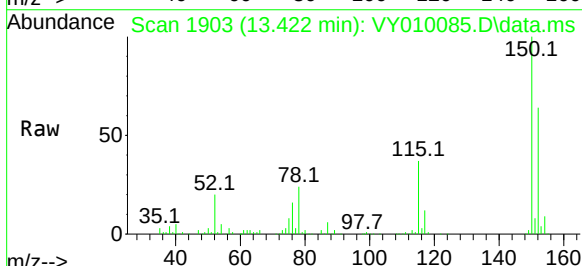
Tgt Ion:152 Resp: 44527

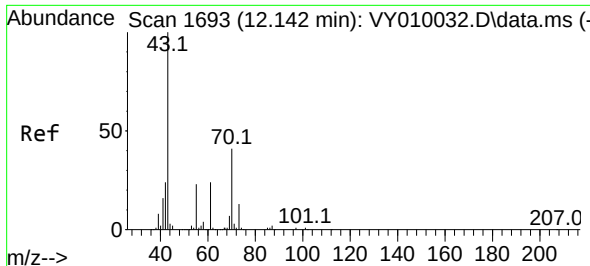
Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.3

150 156.3 0.0 346.6

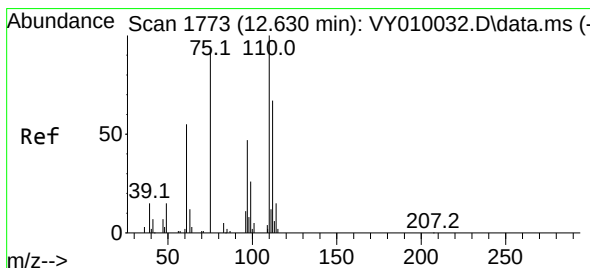
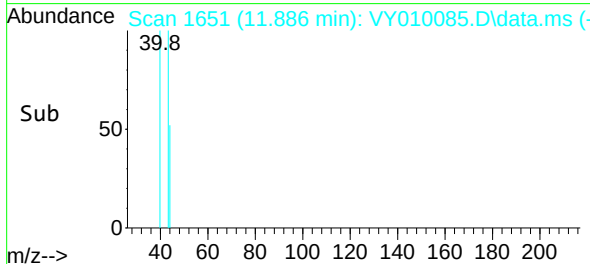
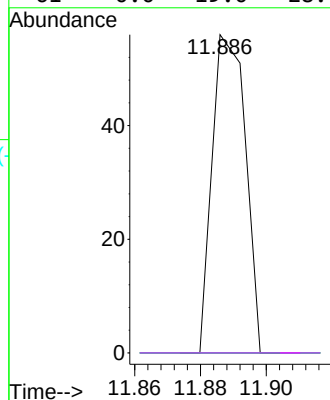
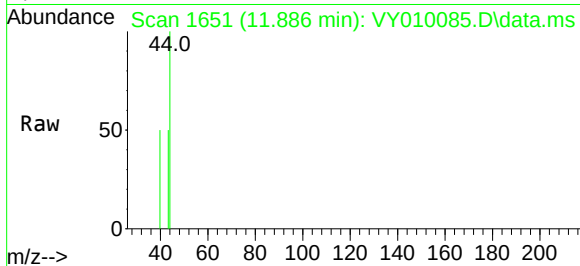




#74
N-amy1 acetate
Concen: 4.728 ug/l
RT: 11.886 min Scan# 1
Delta R.T. -0.256 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

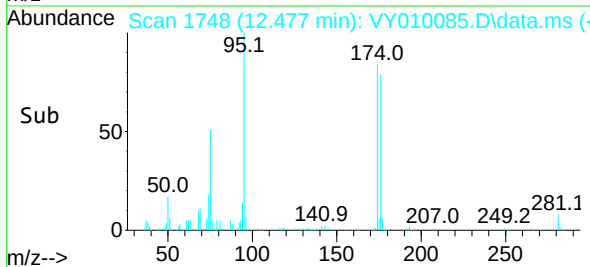
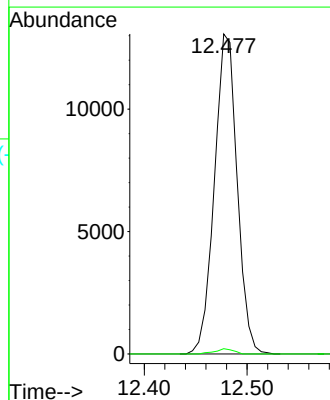
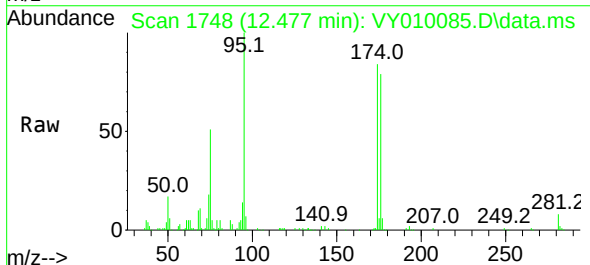
Instrument :
MSVOA_Y
ClientSampleId :
S4

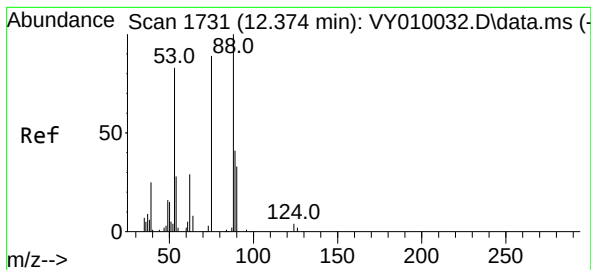
Tgt Ion: 43	Resp:	39
Ion	Ratio	Lower Upper
43	100	
70	0.0	32.3 48.5#
55	0.0	19.3 28.9#
61	0.0	19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 47.601 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

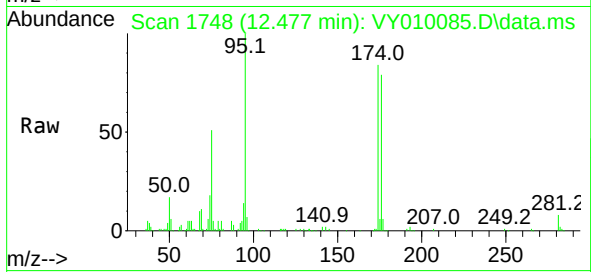
Tgt Ion: 75	Resp:	20091
Ion	Ratio	Lower Upper
75	100	
77	1.3	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.573 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010085.D
 Acq: 18 Aug 2022 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	37.8	56.6#

