

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021700.D
 Acq On : 28 Mar 2025 18:22
 Operator : SY/MD
 Sample : Q1664-11
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-003-01

Quant Time: Mar 28 23:47:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

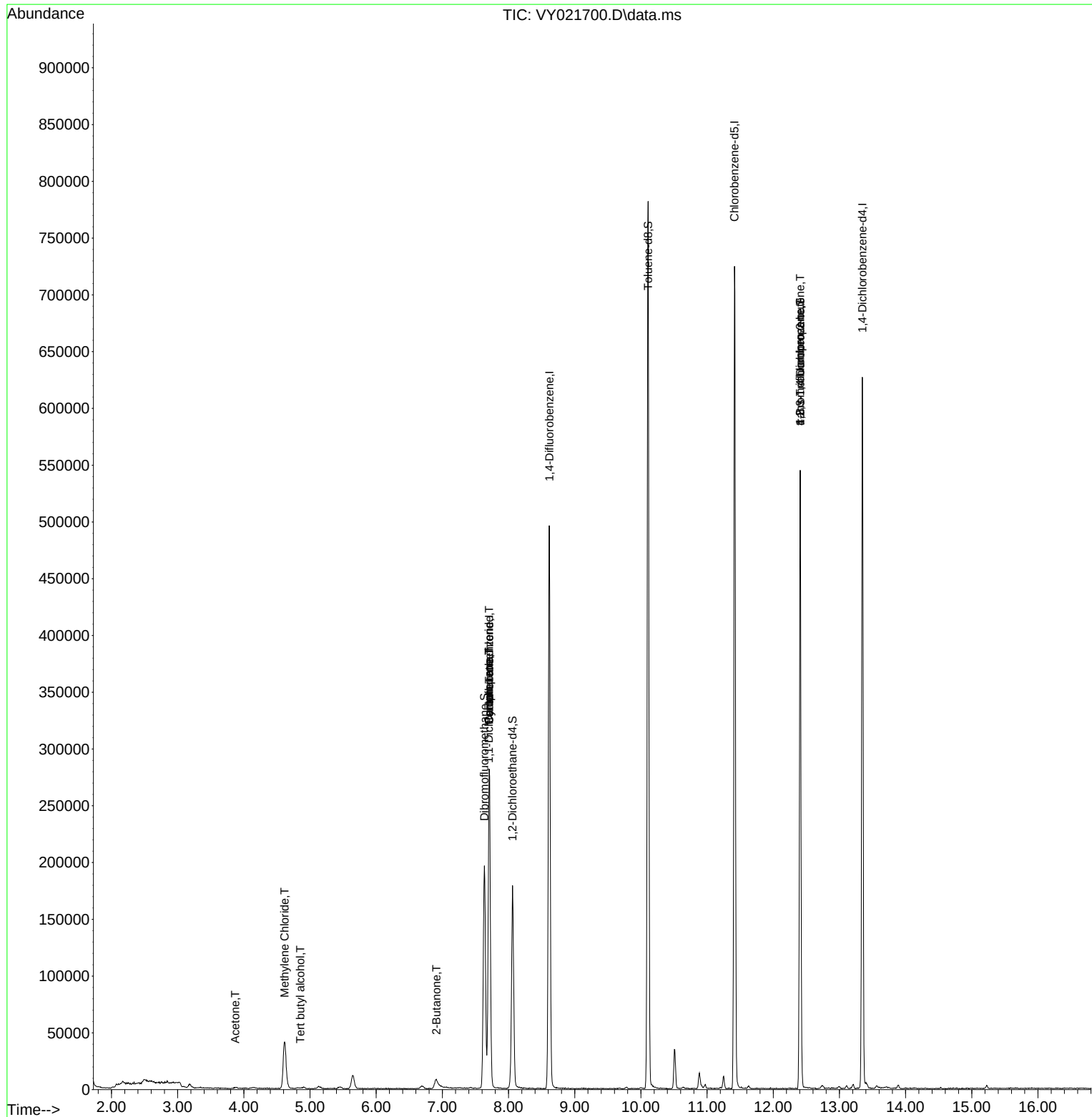
Internal Standards						
1) Pentafluorobenzene	7.707	168	209464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	407285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133978	59.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.060%
35) Dibromofluoromethane	7.634	113	138077	52.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.109	98	499769	49.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.408	95	154556	45.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	753	5.108	ug/l #	70
16) Acetone	3.872	43	1895	4.080	ug/l #	84
20) Methylene Chloride	4.616	84	29985	10.107	ug/l	97
25) 2-Butanone	6.909	43	691	1.042	ug/l #	48
31) Cyclohexane	7.707	56	5731	1.431	ug/l #	39
36) 1,1-Dichloropropene	7.701	75	17399	4.324	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22385	4.857	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	81606	54.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	81606	125.847	ug/l #	12

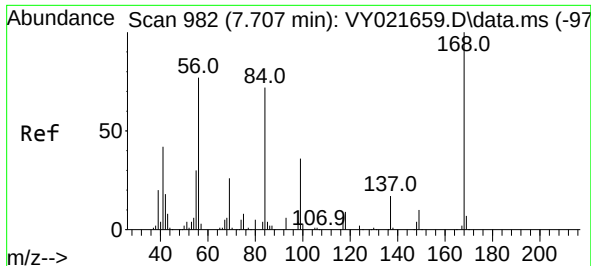
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
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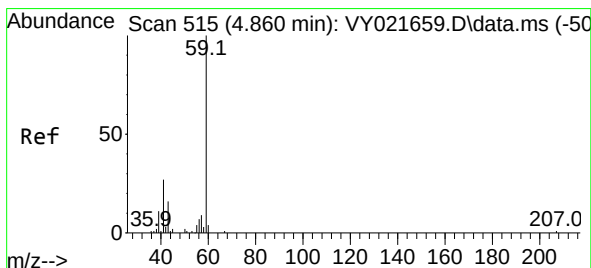
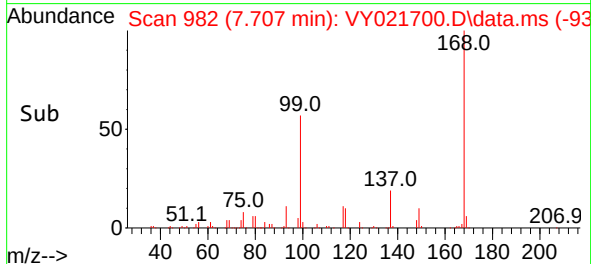
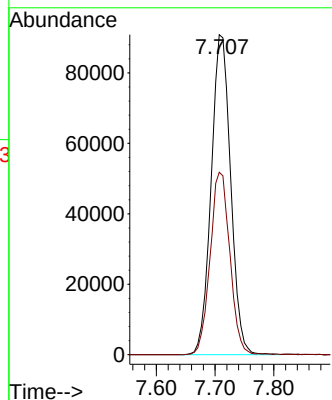
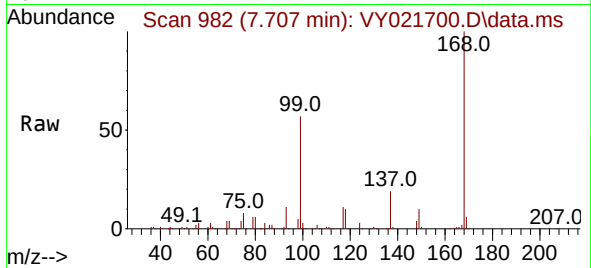




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

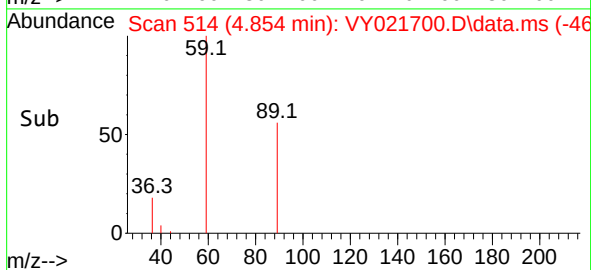
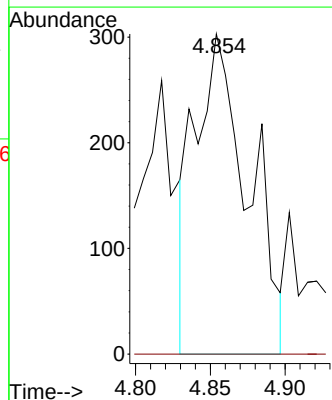
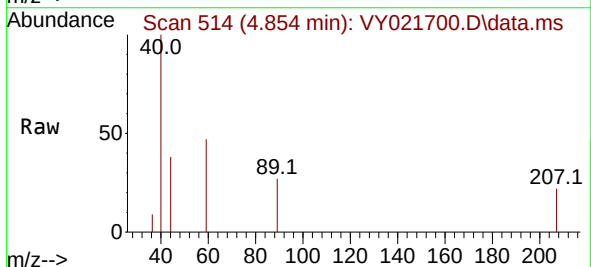
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

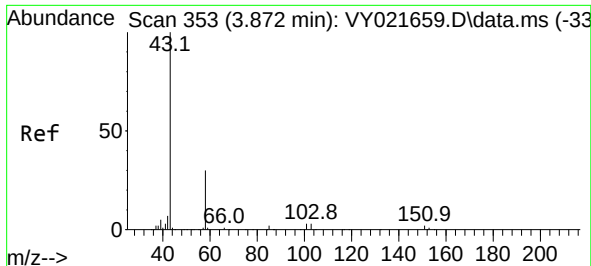
Tgt Ion:168 Resp: 209464
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#11
Tert butyl alcohol
Concen: 5.108 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

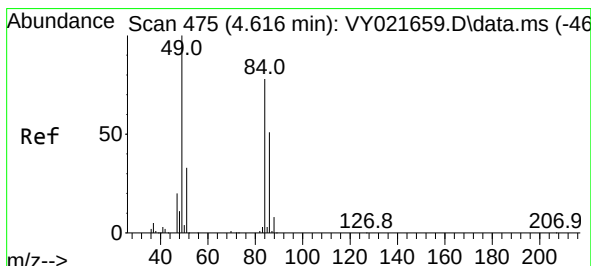
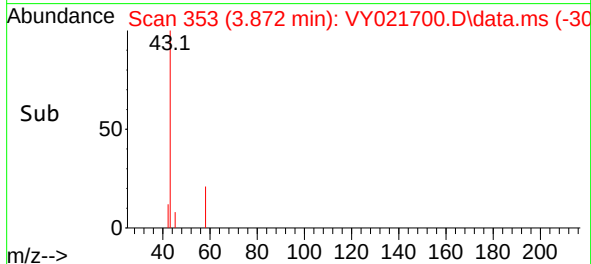
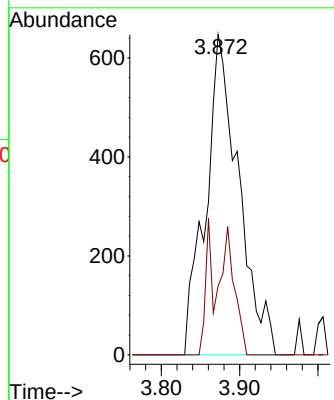
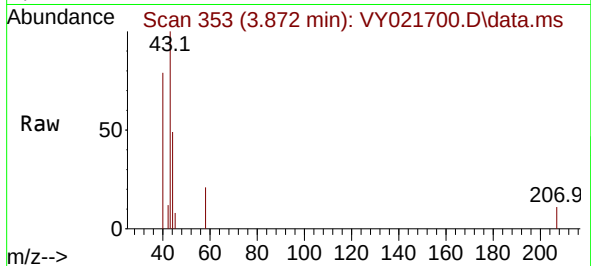




#16
Acetone
Concen: 4.080 ug/l
RT: 3.872 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

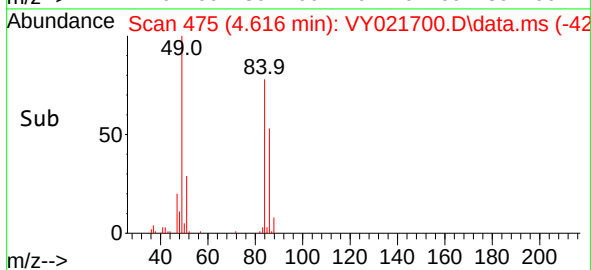
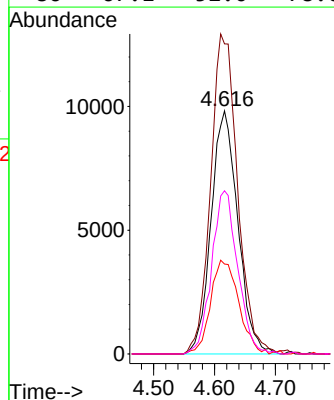
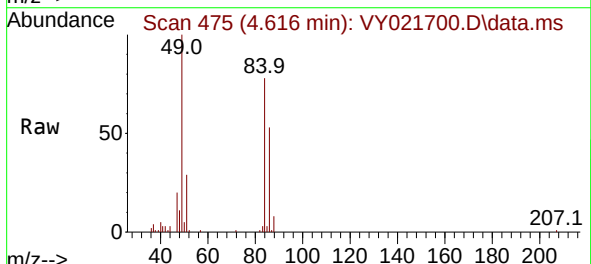
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

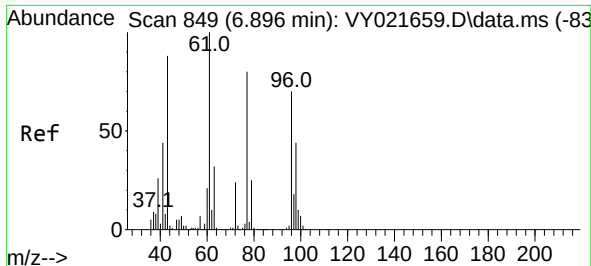
Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
58 21.5 24.2 36.4#



#20
Methylene Chloride
Concen: 10.107 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 84 Resp: 29985
Ion Ratio Lower Upper
84 100
49 127.6 102.8 154.2
51 37.0 33.5 50.3
86 67.1 52.0 78.0

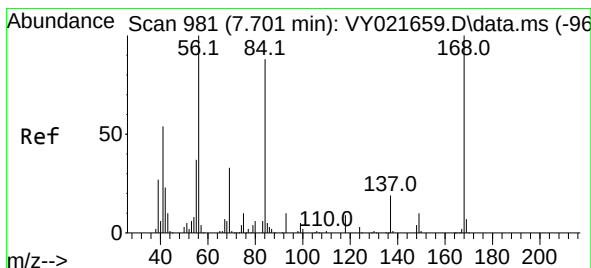
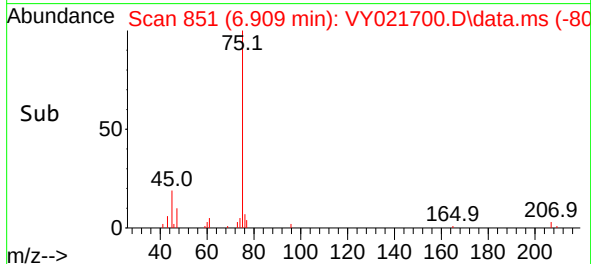
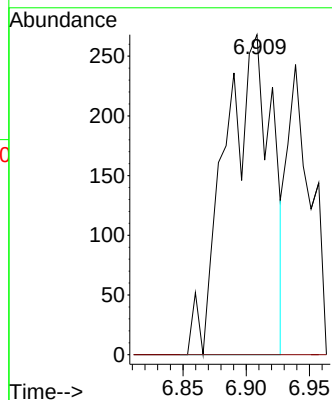
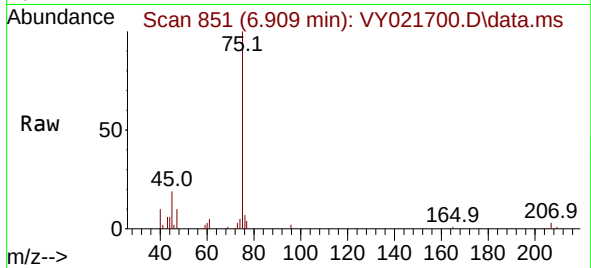




#25
2-Butanone
Concen: 1.042 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

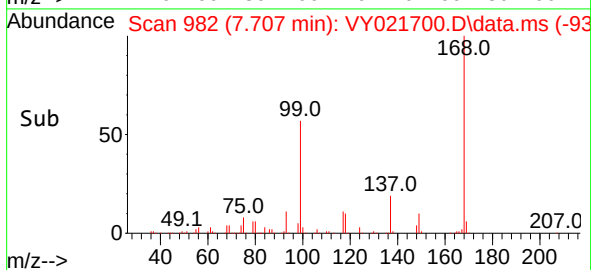
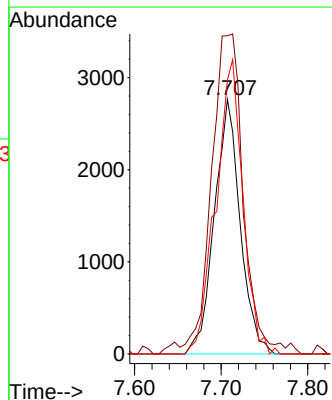
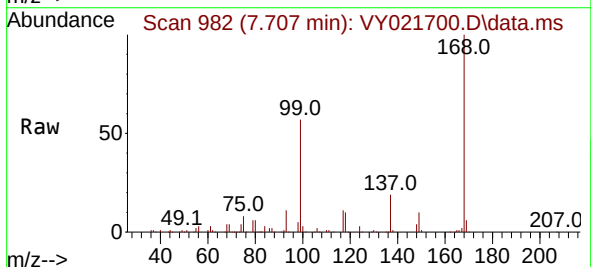
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-003-01

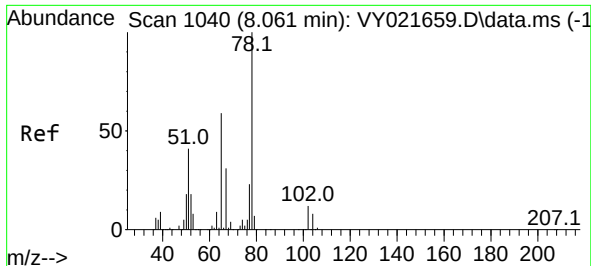
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 56 Resp: 5731
Ion Ratio Lower Upper
56 100
69 122.4 26.6 40.0#
84 107.7 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 59.035 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

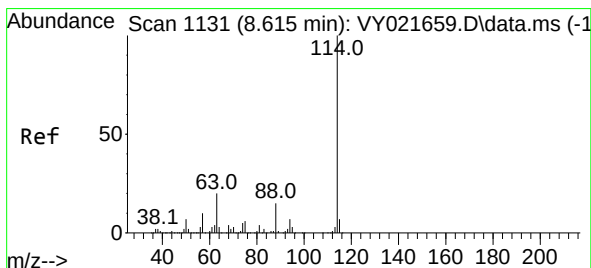
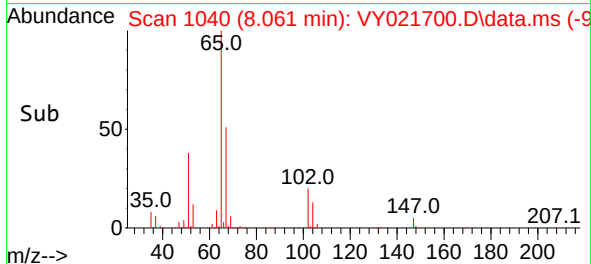
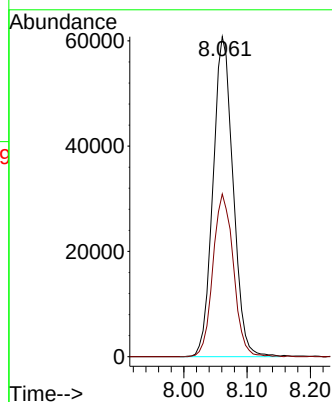
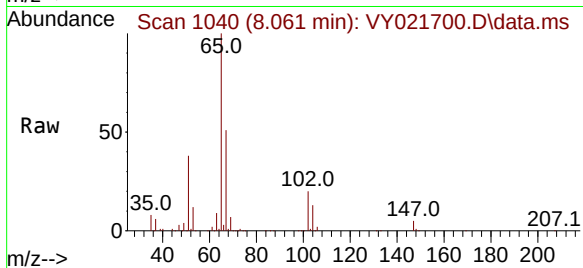
P001-BBDGA-003-01

Tgt Ion: 65 Resp: 133978

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

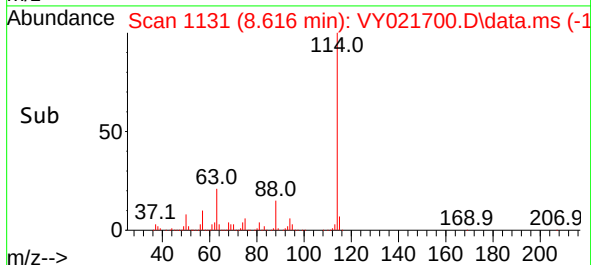
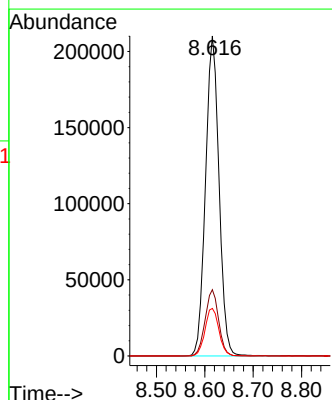
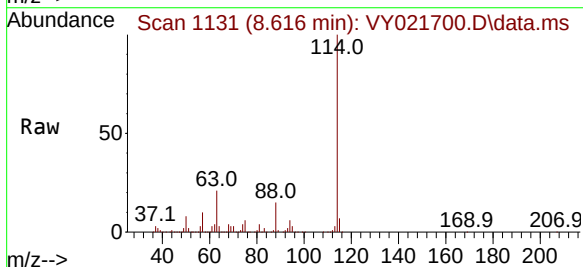
Tgt Ion: 114 Resp: 407285

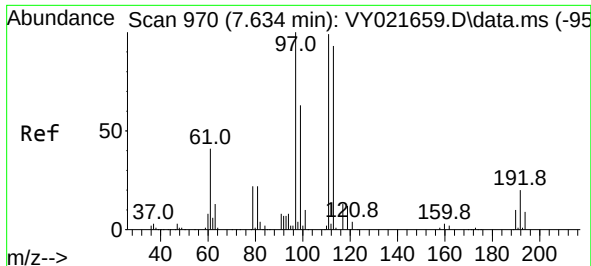
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.8 0.0 29.8

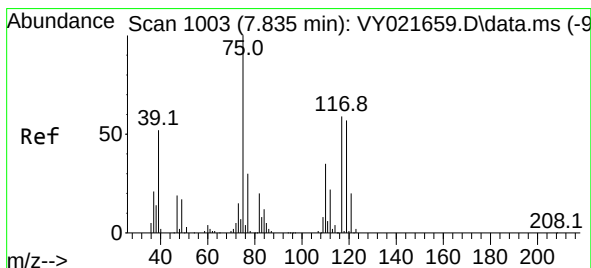
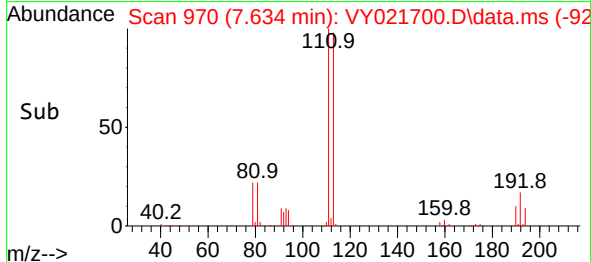
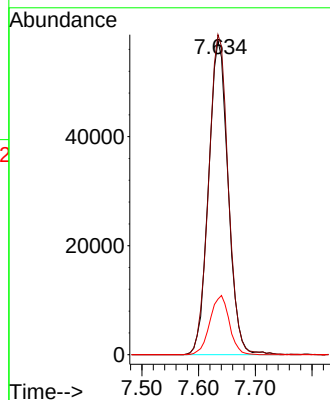
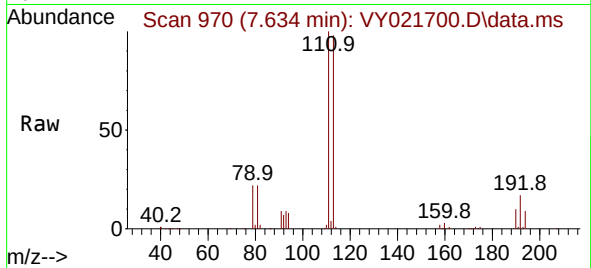




#35
Dibromofluoromethane
Concen: 52.262 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

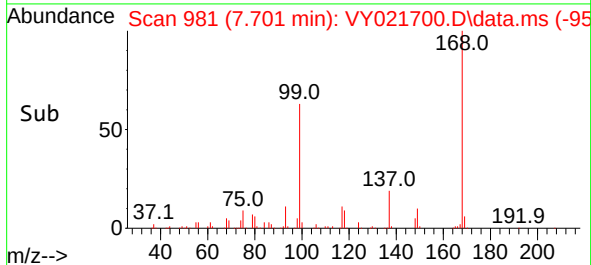
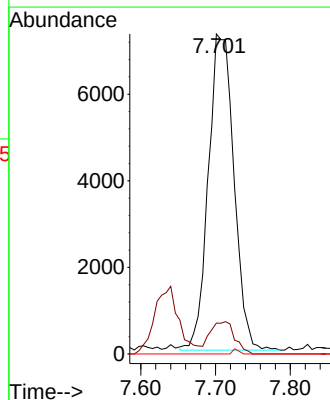
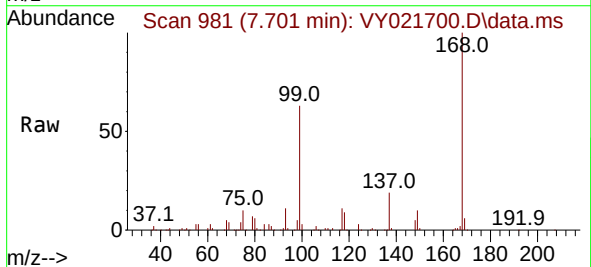
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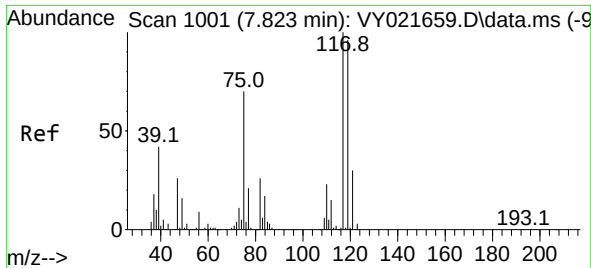
Tgt Ion:113 Resp: 138077
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 18.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 75 Resp: 17399
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.8 37.2#

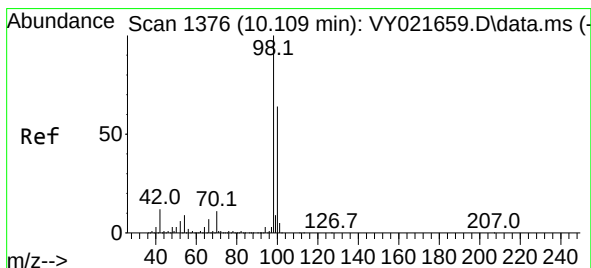
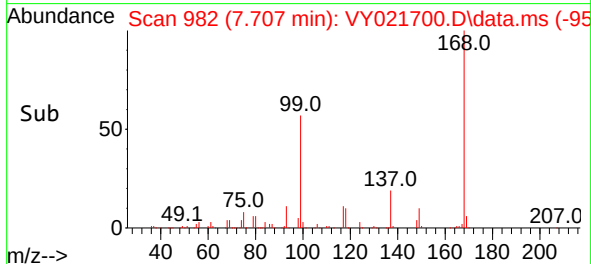
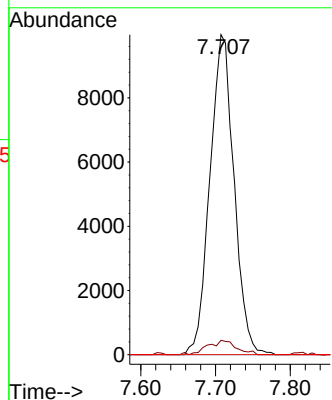
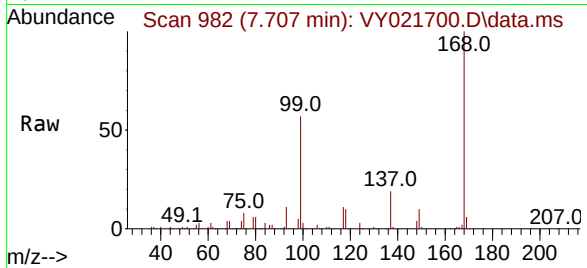




#38
Carbon Tetrachloride
Concen: 4.857 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

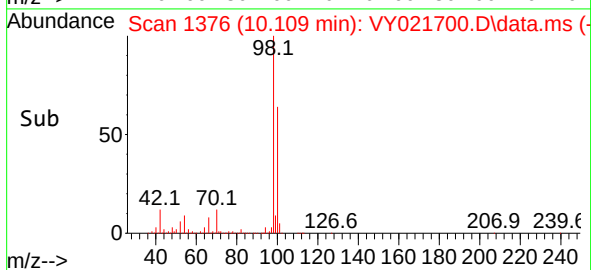
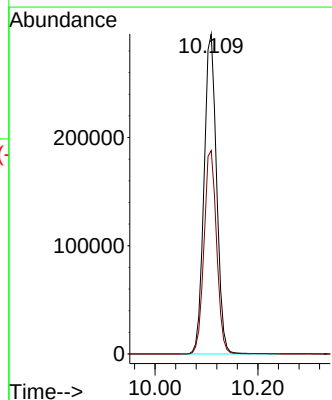
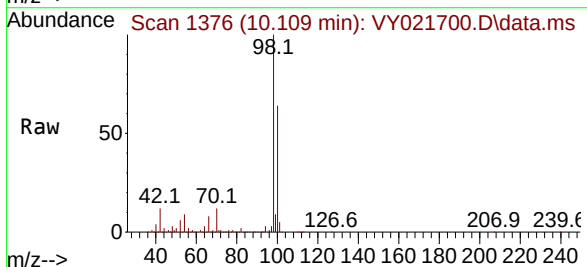
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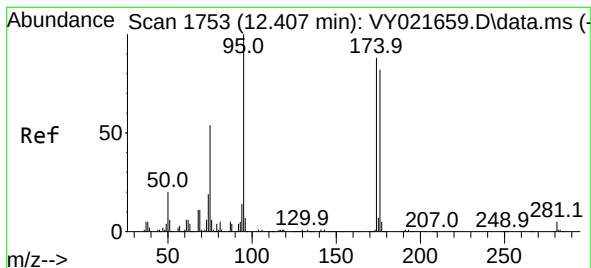
Tgt Ion:117 Resp: 22385
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.724 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021700.D
Acq: 28 Mar 2025 18:22

Tgt Ion: 98 Resp: 499769
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.462 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-003-01

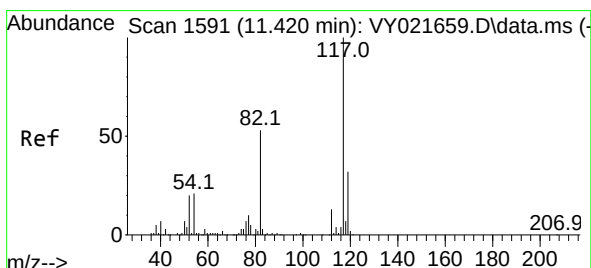
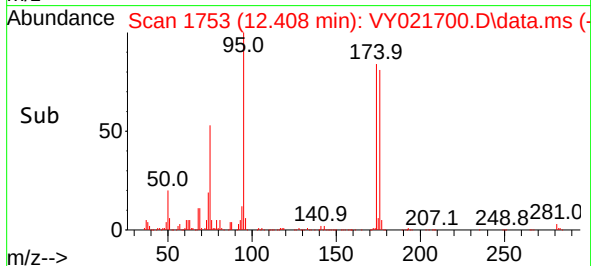
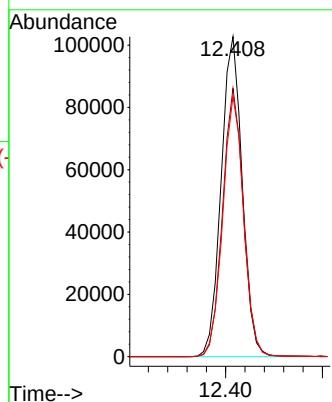
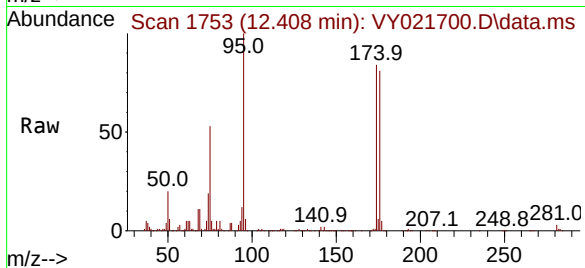
Tgt Ion: 95 Resp: 154556

Ion Ratio Lower Upper

95 100

174 83.4 0.0 170.8

176 80.9 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

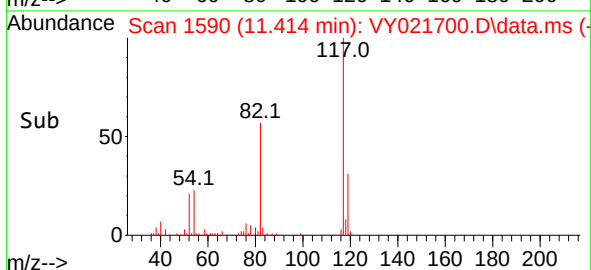
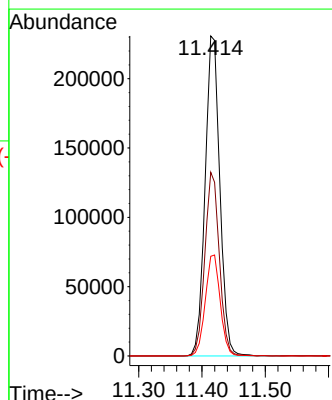
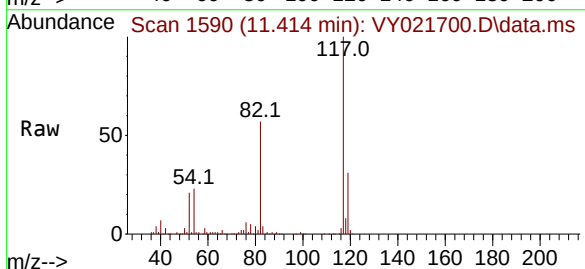
Tgt Ion: 117 Resp: 374541

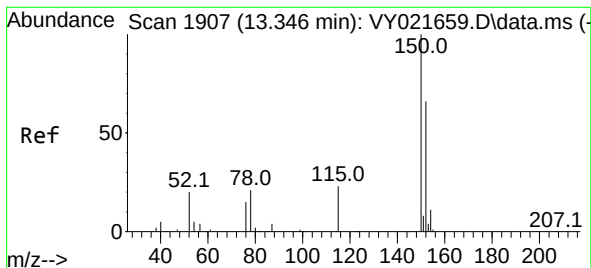
Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

119 31.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021700.D

Acq: 28 Mar 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-003-01

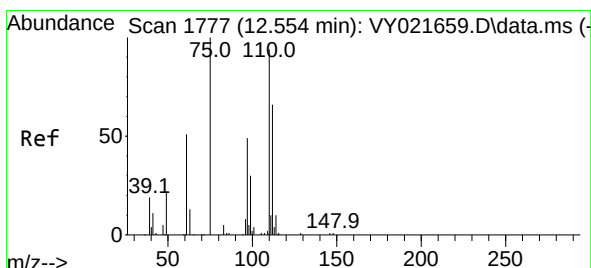
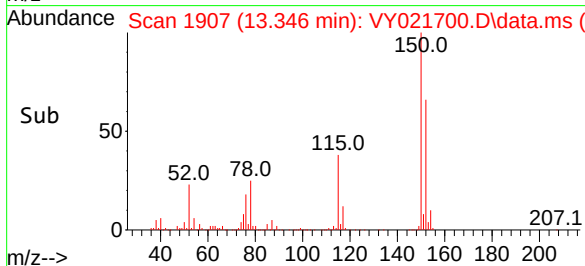
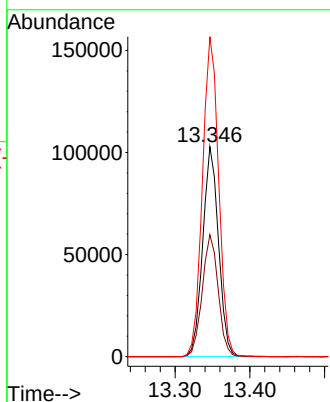
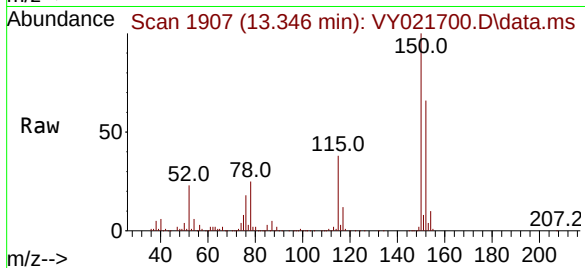
Tgt Ion:152 Resp: 150733

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.7 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 54.617 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021700.D

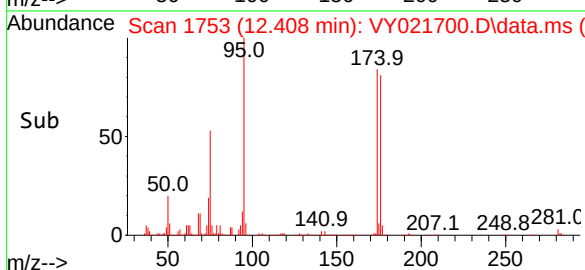
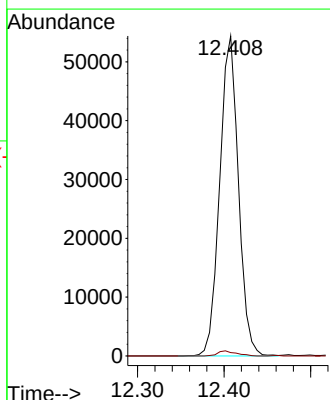
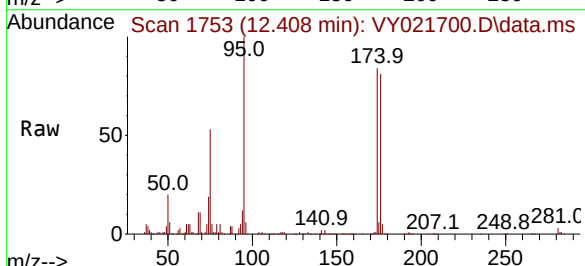
Acq: 28 Mar 2025 18:22

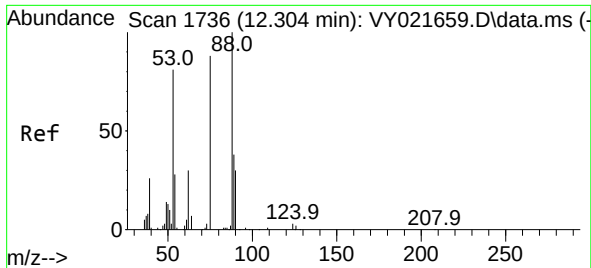
Tgt Ion: 75 Resp: 81606

Ion Ratio Lower Upper

75 100

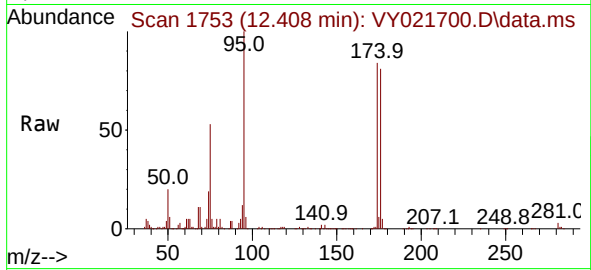
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.847 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021700.D
 Acq: 28 Mar 2025 18:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-003-01



Tgt Ion: 75 Resp: 81606
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.1 36.2 54.4#

