

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021154.D
 Acq On : 10 Feb 2025 13:51
 Operator : SY/MD
 Sample : Q1340-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:30:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	165735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	308833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	115466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	96741	56.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.640	113	101223	51.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.109	98	382030	50.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.407	95	122171	49.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.260%

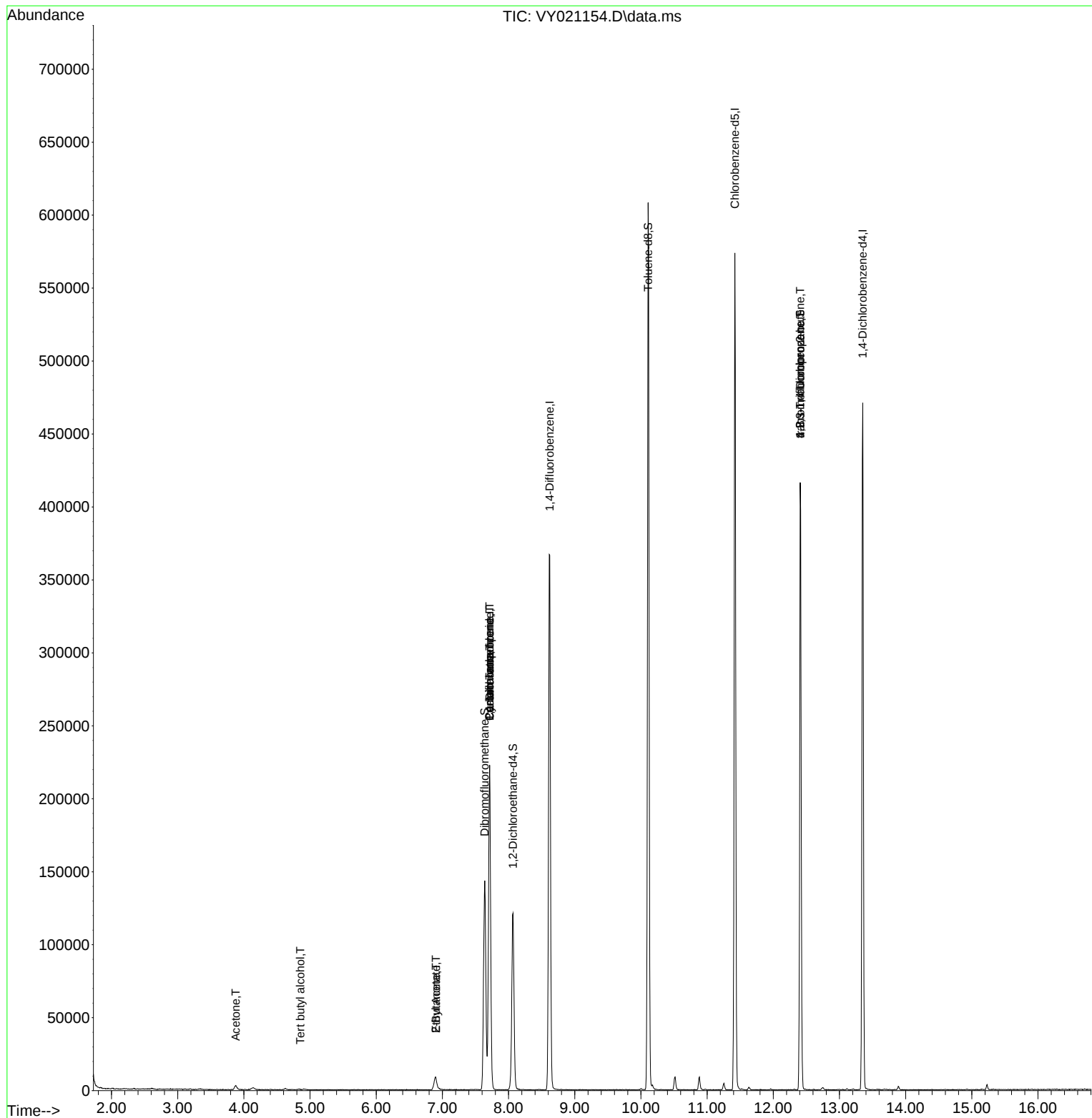
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.854	59	587	5.101	ug/l #	75
16) Acetone	3.878	43	5186	19.584	ug/l	100
25) 2-Butanone	6.902	43	1921	4.414	ug/l #	82
31) Cyclohexane	7.713	56	3703	1.279	ug/l #	17
36) 1,1-Dichloropropene	7.713	75	13252	4.520	ug/l #	50
37) Ethyl Acetate	6.902	43	1921	1.494	ug/l #	77
38) Carbon Tetrachloride	7.713	117	17034	4.973	ug/l #	18
76) 1,2,3-Trichloropropane	12.407	75	67993	64.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	67993	132.457	ug/l #	12

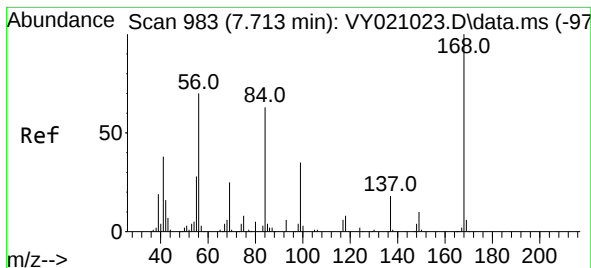
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

Instrument :

MSVOA_Y

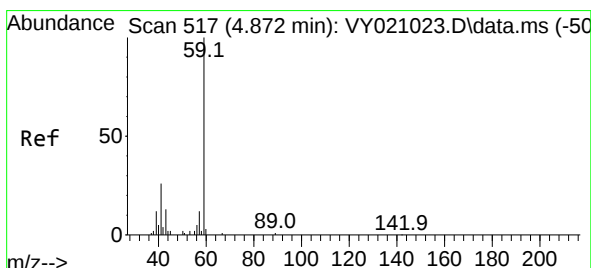
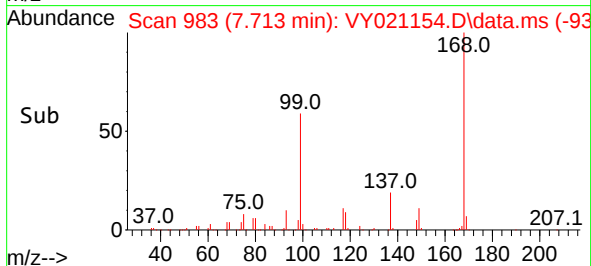
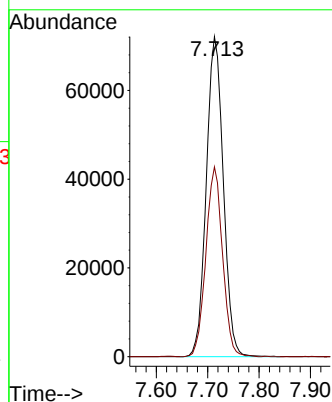
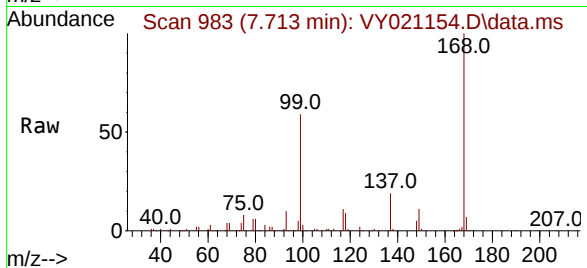
ClientSampleId :

Tgt Ion:168 Resp: 165735

Ion Ratio Lower Upper

168 100

99 59.3 44.2 66.4



#11

Tert butyl alcohol

Concen: 5.101 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.019 min

Lab File: VY021154.D

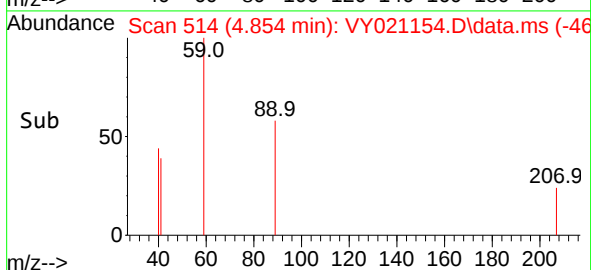
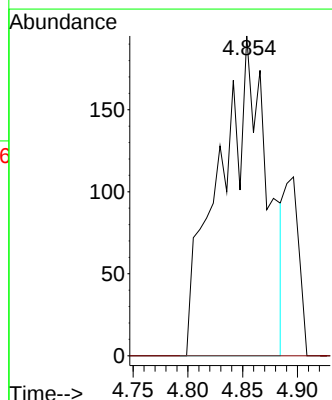
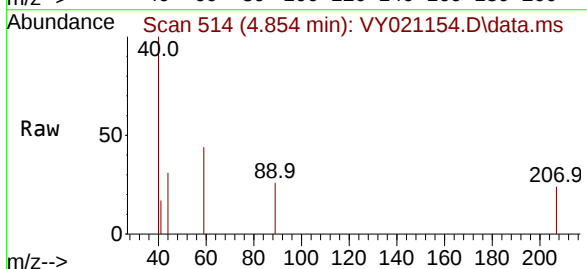
Acq: 10 Feb 2025 13:51

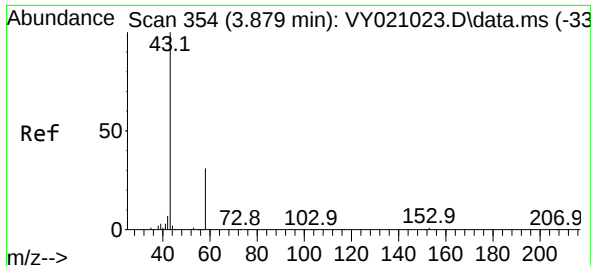
Tgt Ion: 59 Resp: 587

Ion Ratio Lower Upper

59 100

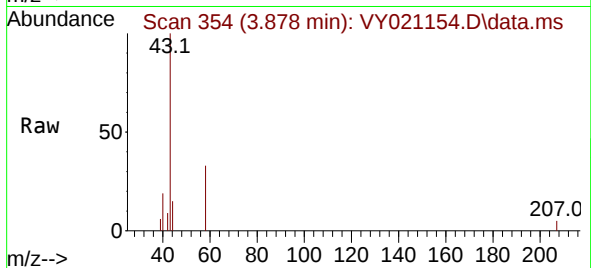
57 0.0 7.4 11.0#



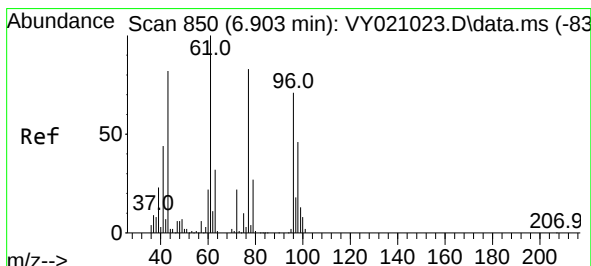
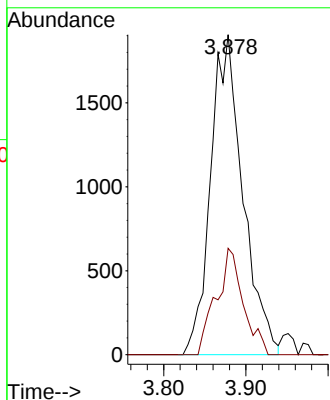
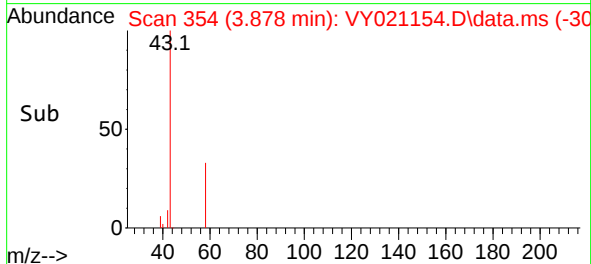


#16
Acetone
Concen: 19.584 ug/l
RT: 3.878 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :

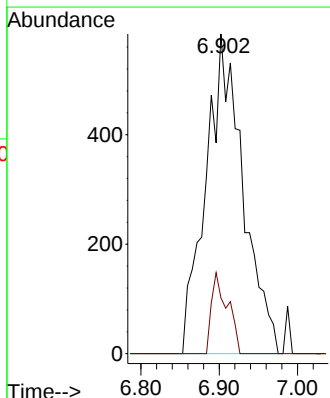
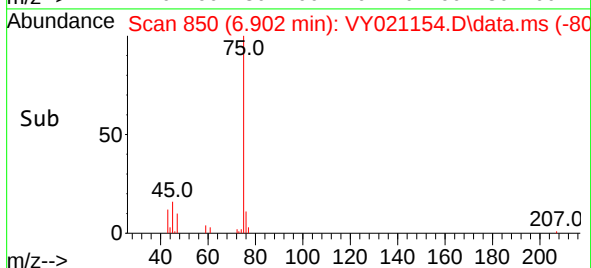
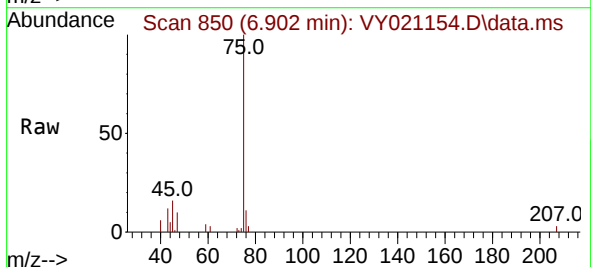


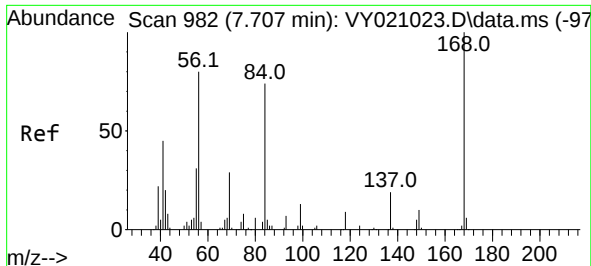
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 33.3 26.6 39.8



#25
2-Butanone
Concen: 4.414 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

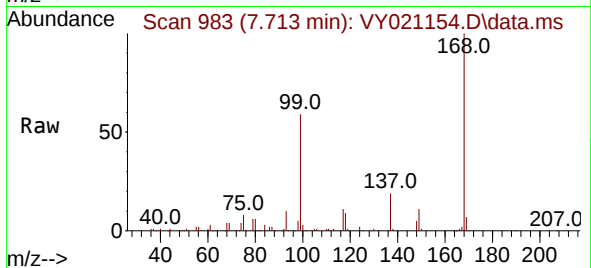
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
72 17.5 21.4 32.2#



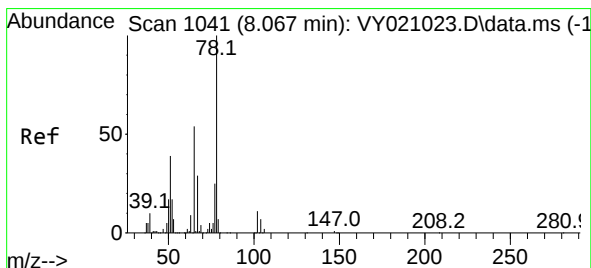
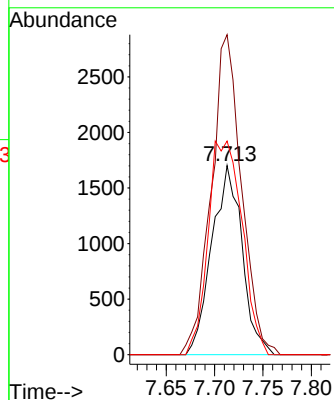
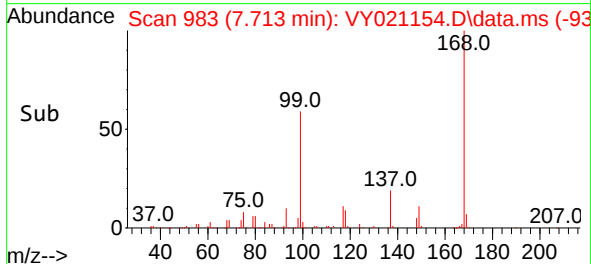


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

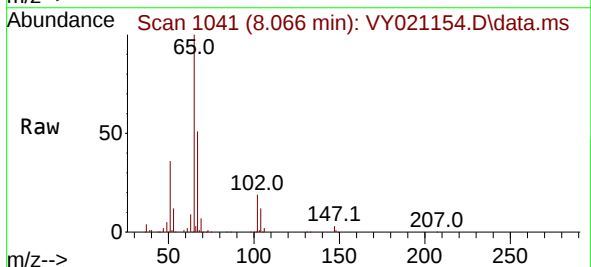
Instrument :
MSVOA_Y
ClientSampleId :



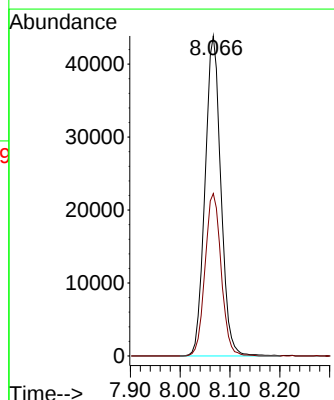
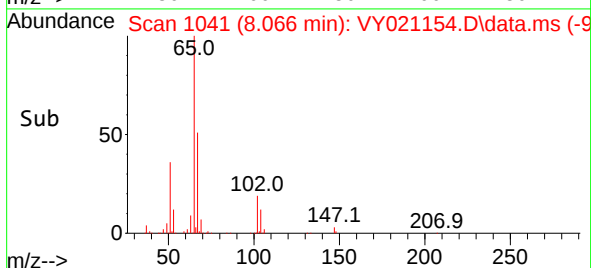
Tgt Ion: 56 Resp: 3703
Ion Ratio Lower Upper
56 100
69 169.2 27.0 40.6#
84 112.9 71.8 107.6#

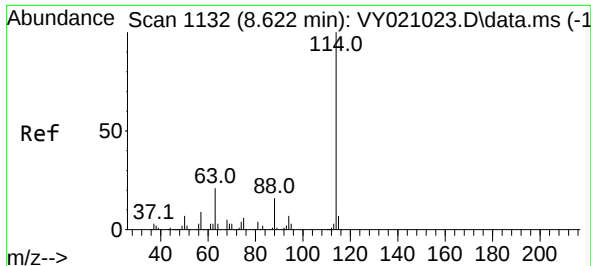


#33
1,2-Dichloroethane-d4
Concen: 56.971 ug/l
RT: 8.066 min Scan# 1041
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51



Tgt Ion: 65 Resp: 96741
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

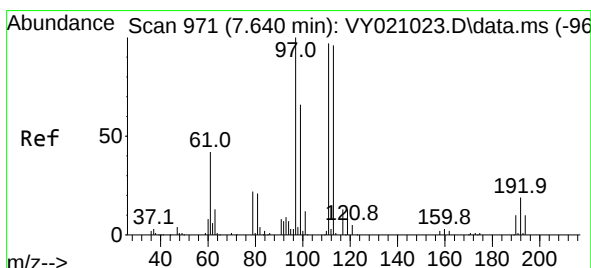
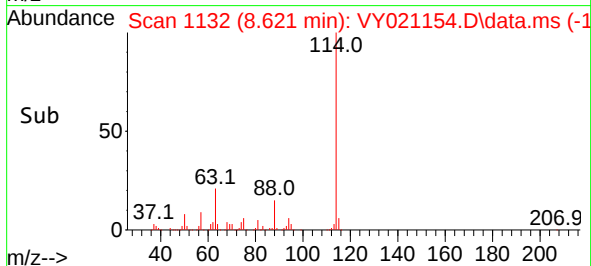
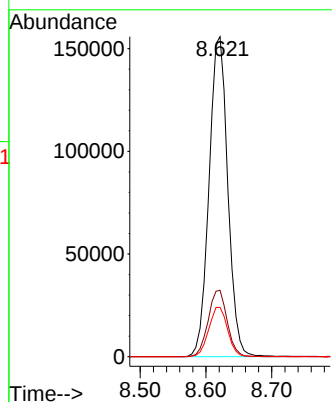
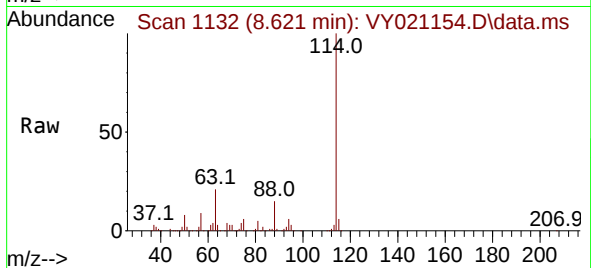
Tgt Ion:114 Resp: 308833

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.143 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

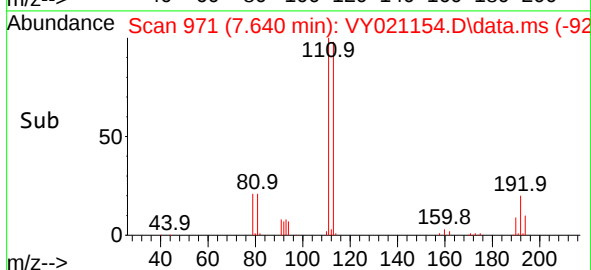
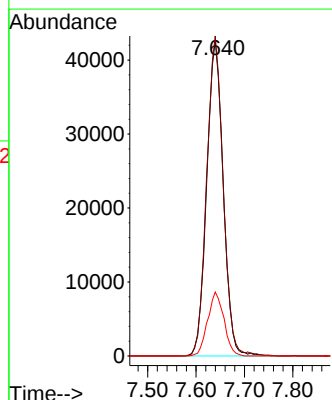
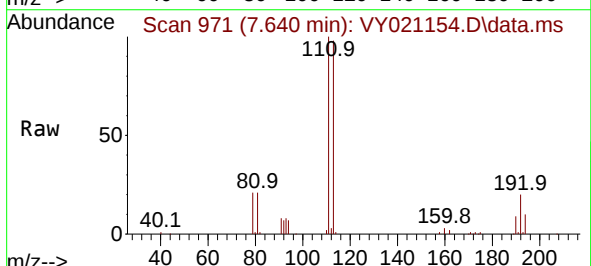
Tgt Ion:113 Resp: 101223

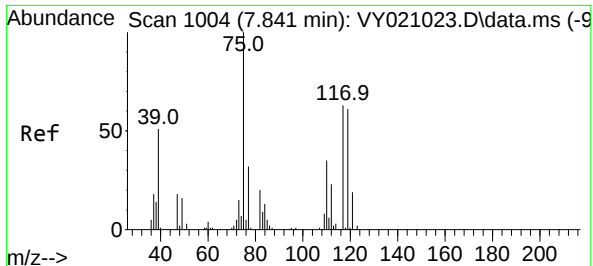
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 20.0 14.5 21.7

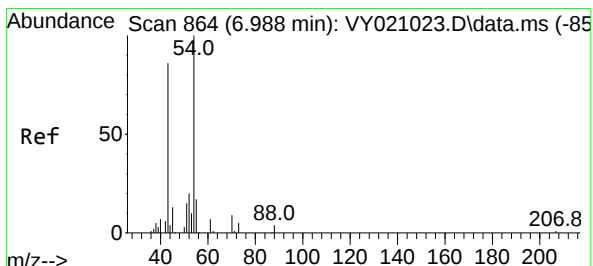
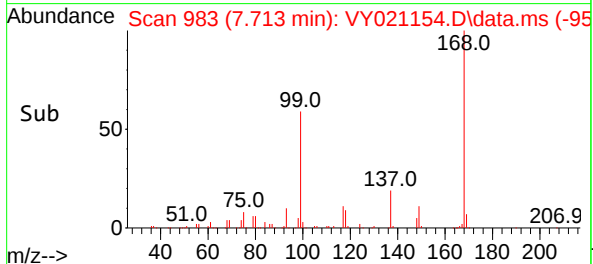
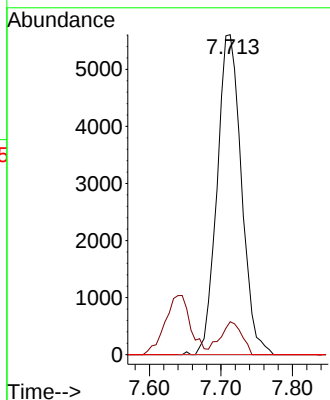
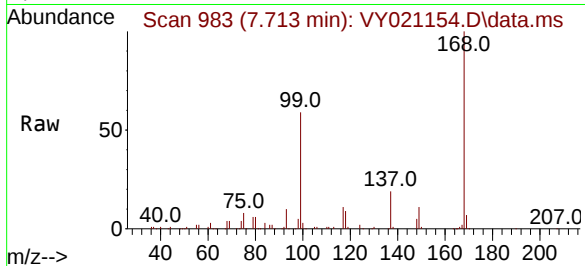




#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.129 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

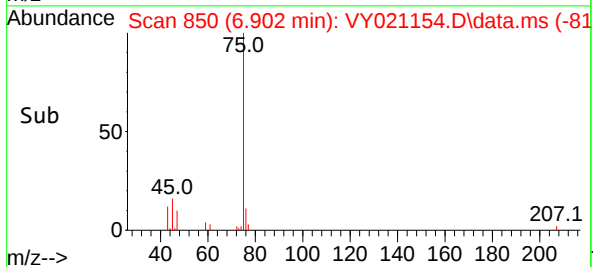
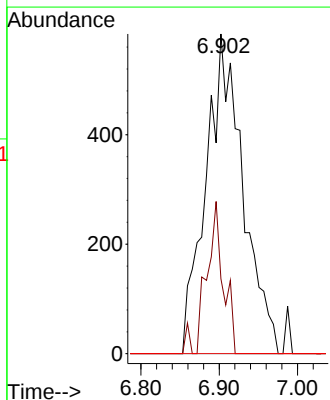
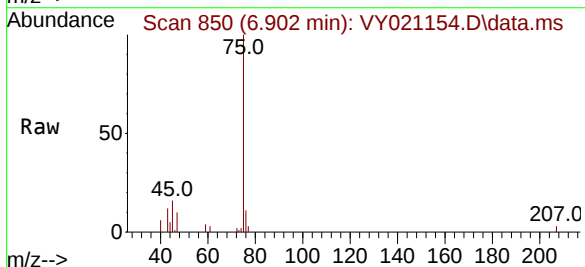
Instrument :
MSVOA_Y
ClientSampleId :

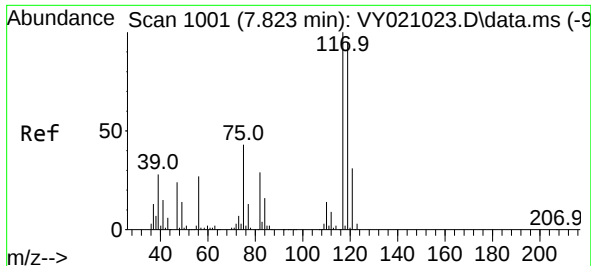
Tgt Ion: 75 Resp: 13252
Ion Ratio Lower Upper
75 100
110 9.0 17.4 52.3#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.494 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

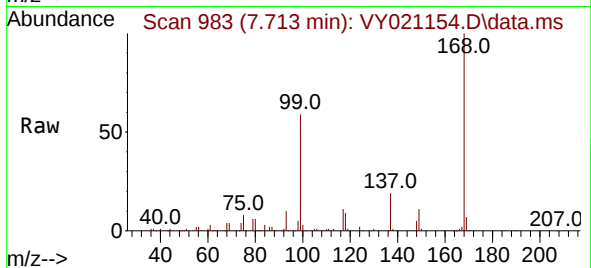
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
61 21.8 11.0 16.6#
70 0.0 8.1 12.1#



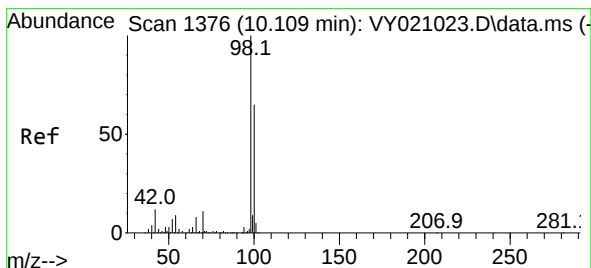
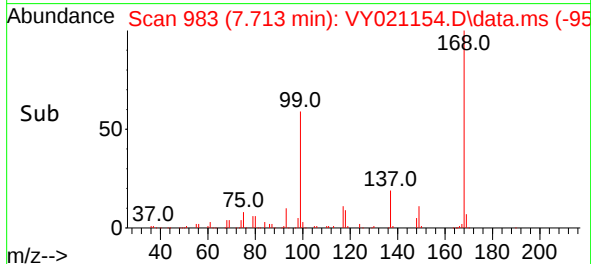
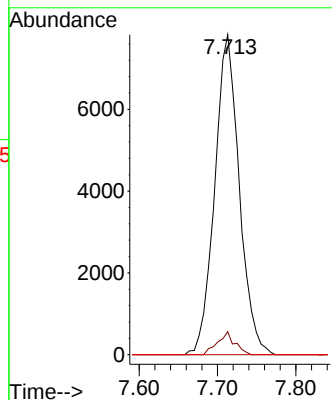


#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

Instrument :
MSVOA_Y
ClientSampleId :

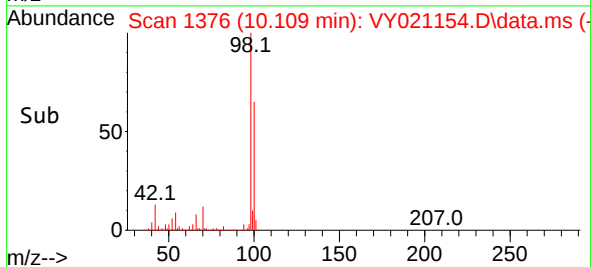
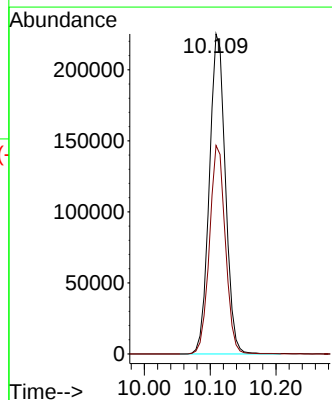
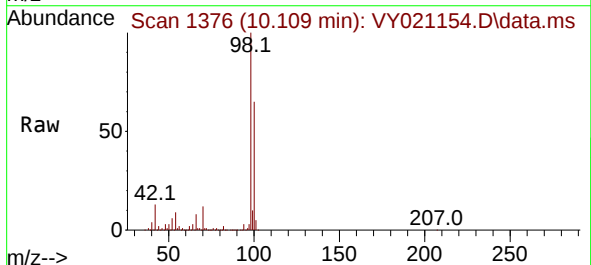


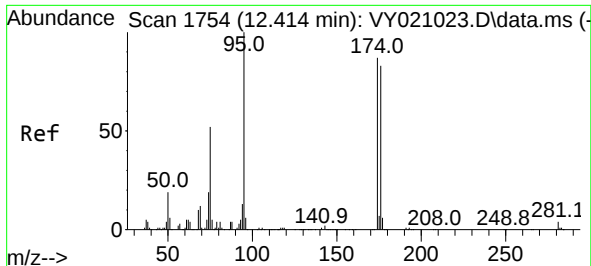
Tgt Ion:117 Resp: 17034
Ion Ratio Lower Upper
117 100
119 7.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.701 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

Tgt Ion: 98 Resp: 382030
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 49.630 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.007 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

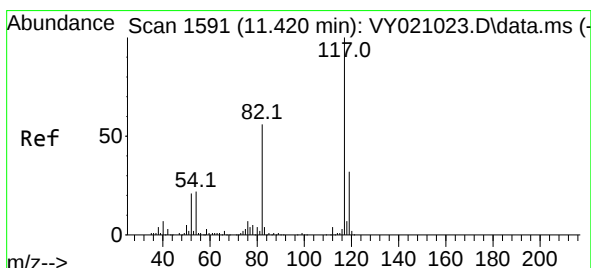
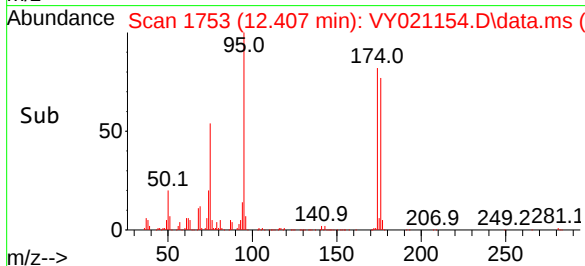
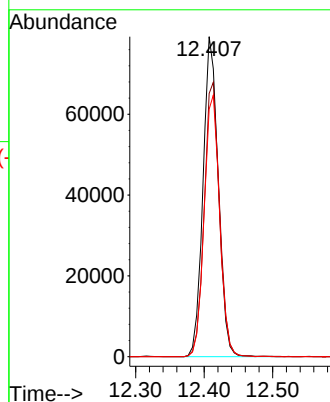
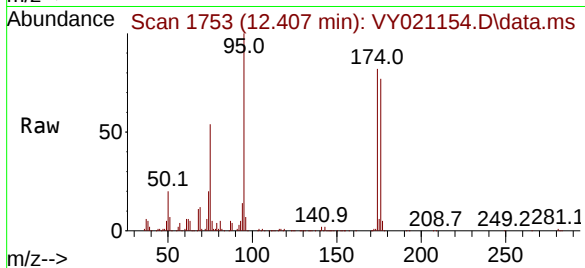
Tgt Ion: 95 Resp: 122171

Ion Ratio Lower Upper

95 100

174 87.0 0.0 160.0

176 83.2 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

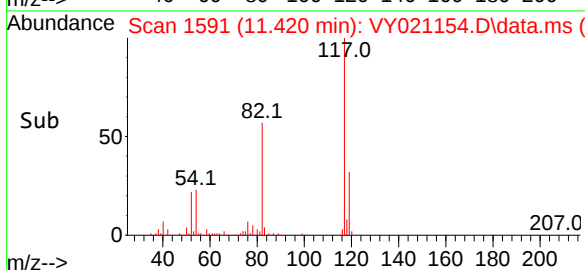
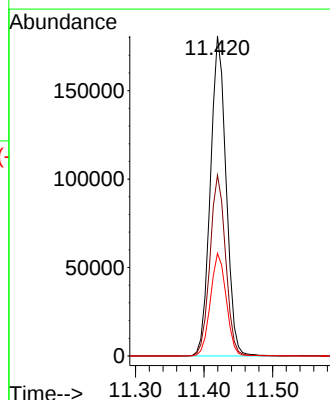
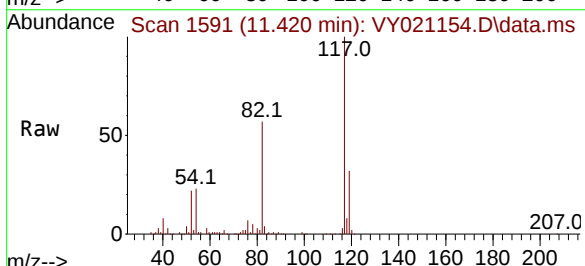
Tgt Ion: 117 Resp: 288207

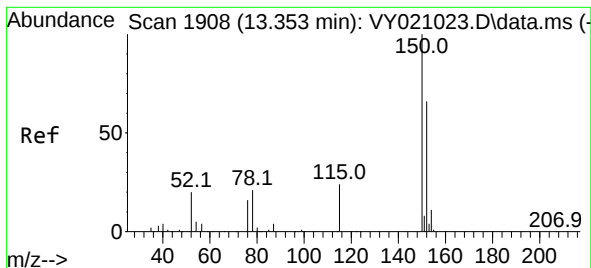
Ion Ratio Lower Upper

117 100

82 56.5 43.8 65.8

119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

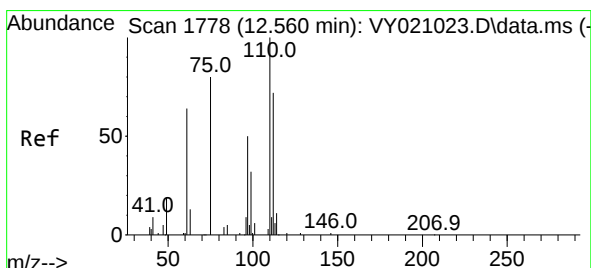
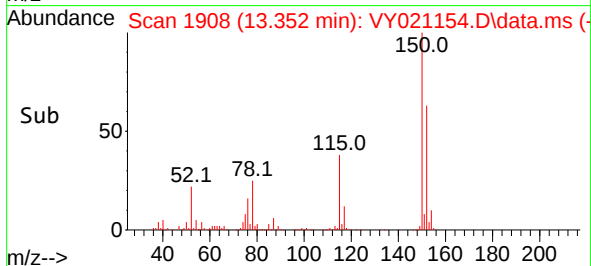
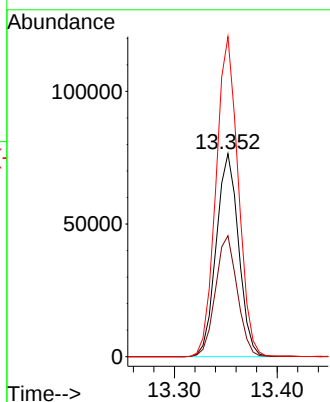
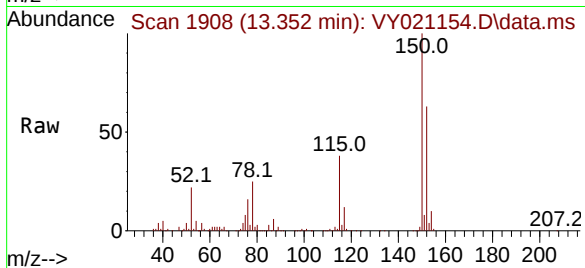
Tgt Ion:152 Resp: 115466

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 156.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 64.915 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021154.D

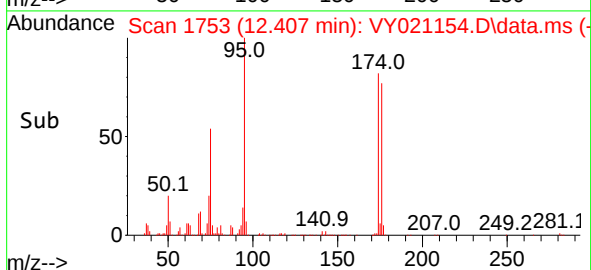
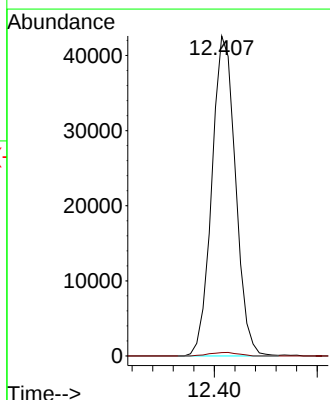
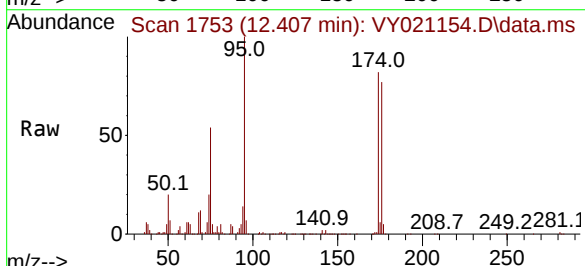
Acq: 10 Feb 2025 13:51

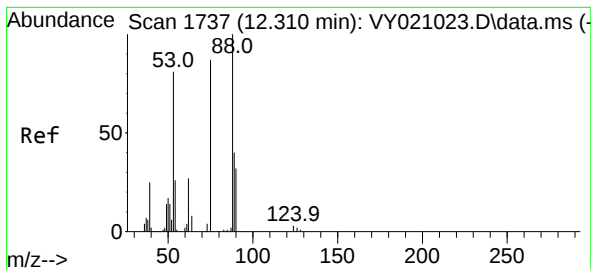
Tgt Ion: 75 Resp: 67993

Ion Ratio Lower Upper

75 100

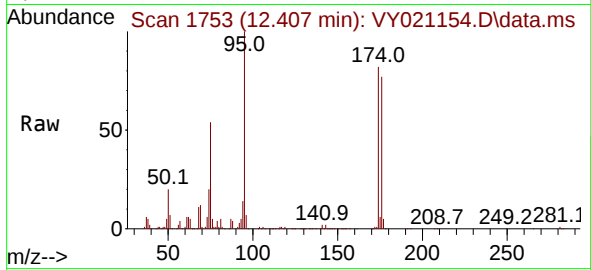
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.457 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021154.D
 Acq: 10 Feb 2025 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.0	111.0#
89	0.1	36.5	54.7#

