

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021097.D
 Acq On : 05 Feb 2025 18:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:58:00 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)

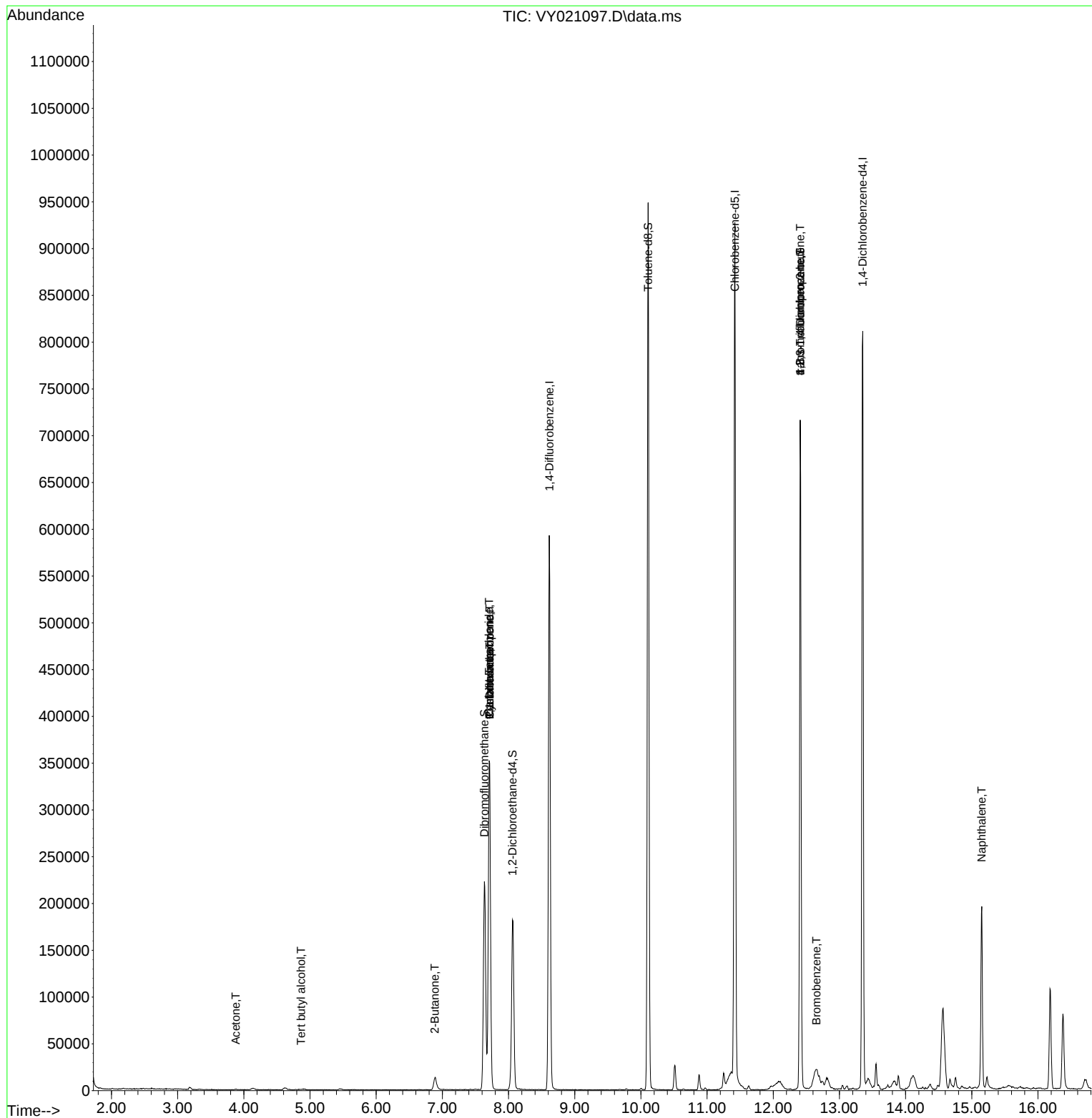
Internal Standards						
1) Pentafluorobenzene	7.713	168	281398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	502920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	475419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	210055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146556	50.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.634	113	159201	49.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.780%	
50) Toluene-d8	10.109	98	608772	49.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.408	95	216522	54.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.020%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.866	59	592	3.030	ug/l #	75
16) Acetone	3.879	43	965	2.146	ug/l	98
25) 2-Butanone	6.884	43	924	1.251	ug/l #	48
31) Cyclohexane	7.713	56	5568	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	21129	4.426	ug/l #	51
38) Carbon Tetrachloride	7.707	117	28764	5.157	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	113783	59.714	ug/l #	100
77) Bromobenzene	12.652	156	26802	7.078	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.408	75	113783	121.846	ug/l #	12
95) Naphthalene	15.151	128	153105	27.093	ug/l	99

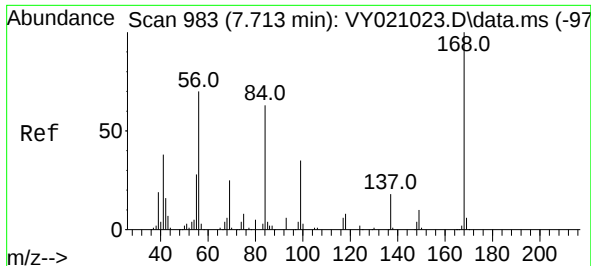
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021097.D
Acq On : 05 Feb 2025 18:32
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Feb 06 00:58:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

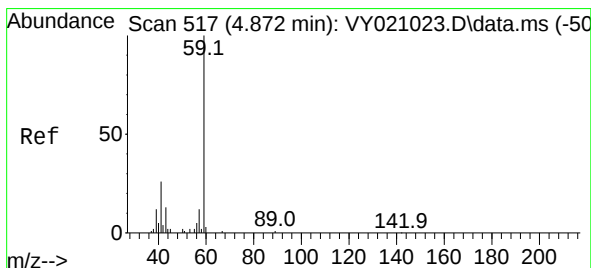
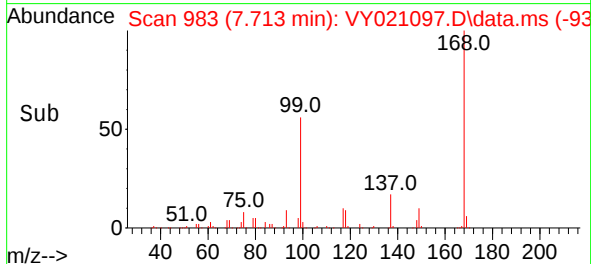
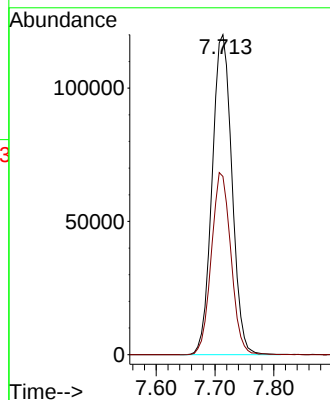
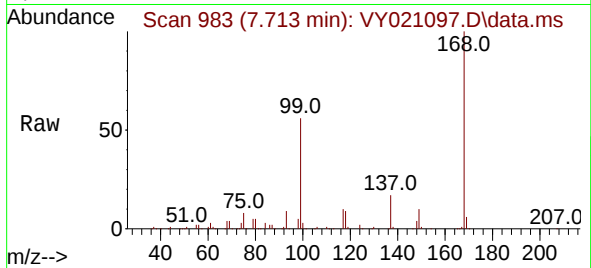




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

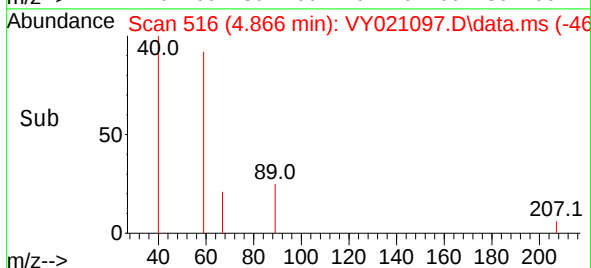
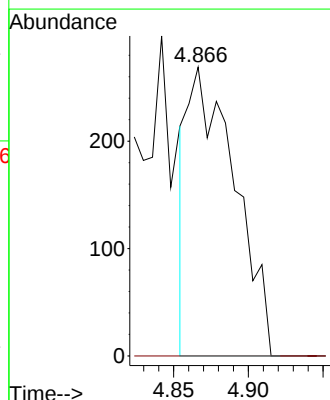
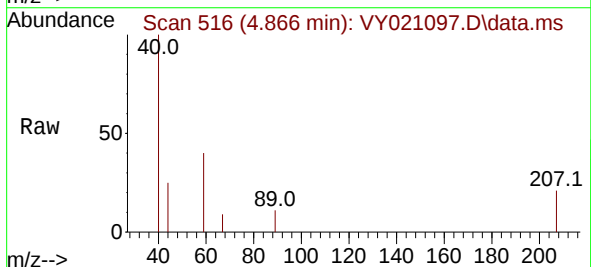
Instrument :
MSVOA_Y
ClientSampleId :

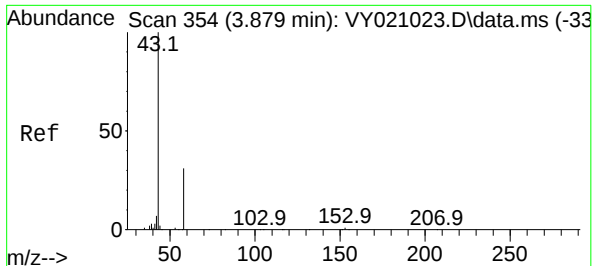
Tgt Ion:168 Resp: 281398
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.030 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.146 ug/l

RT: 3.879 min Scan# 30

Delta R.T. -0.000 min

Lab File: VY021097.D

Acq: 05 Feb 2025 18:32

Instrument :

MSVOA_Y

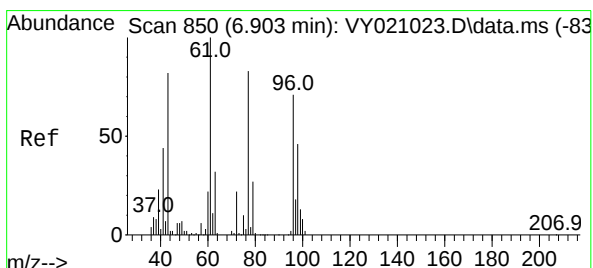
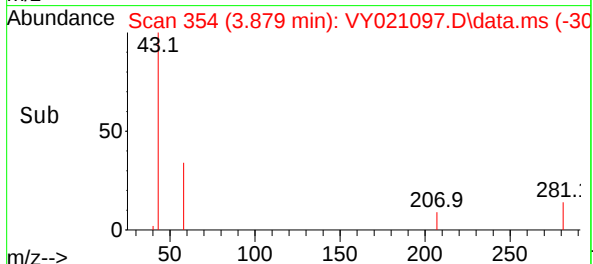
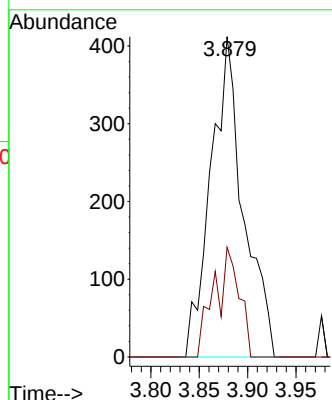
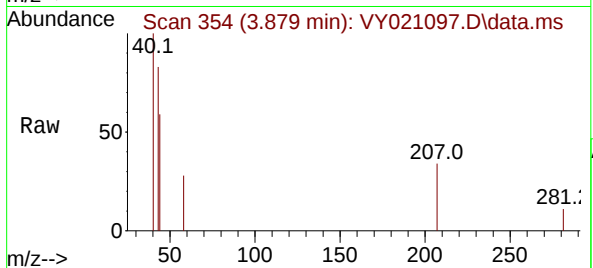
ClientSampleId :

Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

58 34.2 26.6 39.8



#25

2-Butanone

Concen: 1.251 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY021097.D

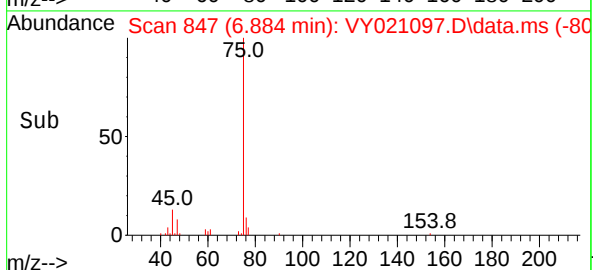
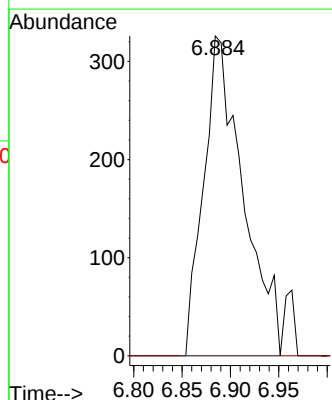
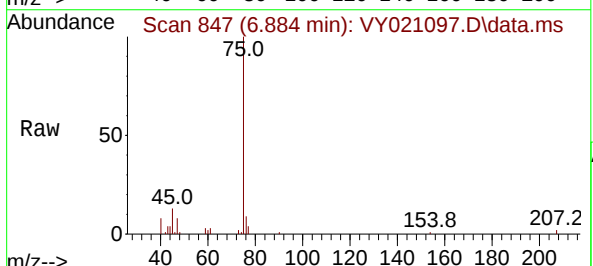
Acq: 05 Feb 2025 18:32

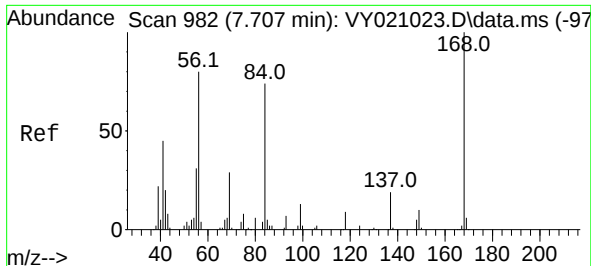
Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

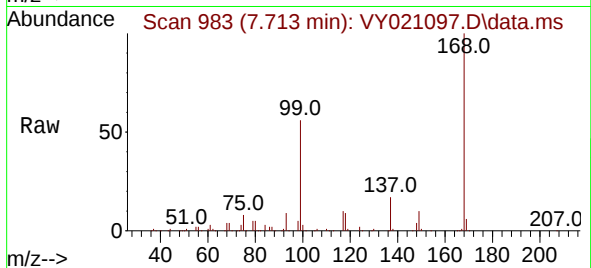
72 0.0 21.4 32.2#



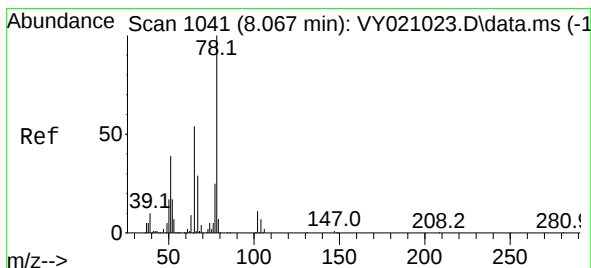
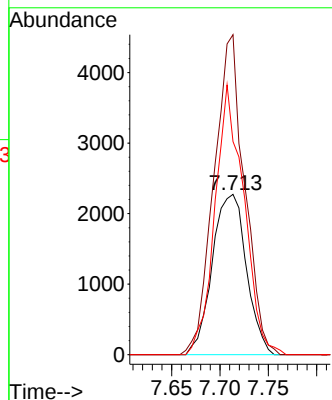
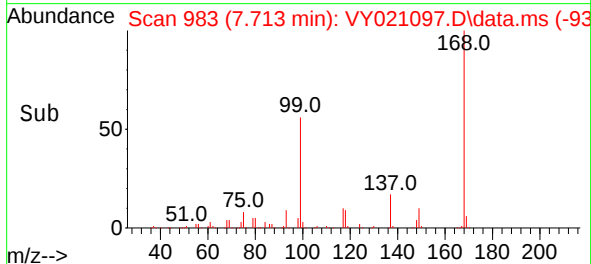


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

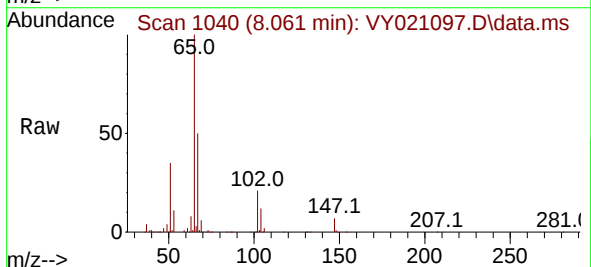
Instrument :
MSVOA_Y
ClientSampleId :



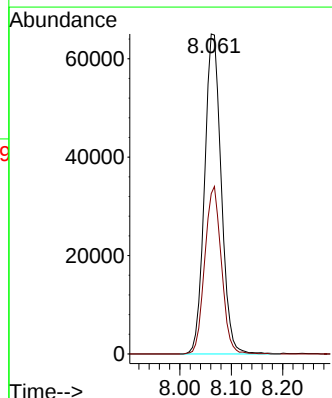
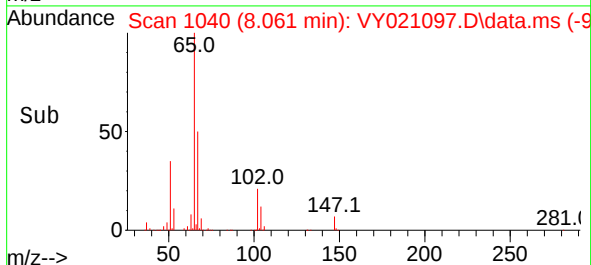
Tgt Ion: 56 Resp: 5568
Ion Ratio Lower Upper
56 100
69 199.6 27.0 40.6#
84 132.9 71.8 107.6#

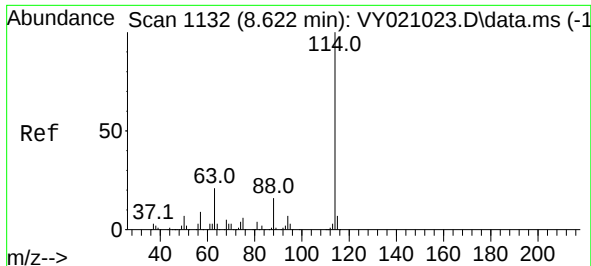


#33
1,2-Dichloroethane-d4
Concen: 50.832 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32



Tgt Ion: 65 Resp: 146556
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.0

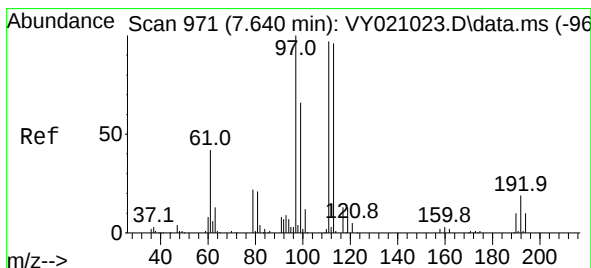
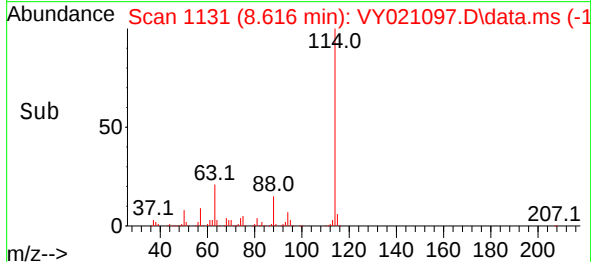
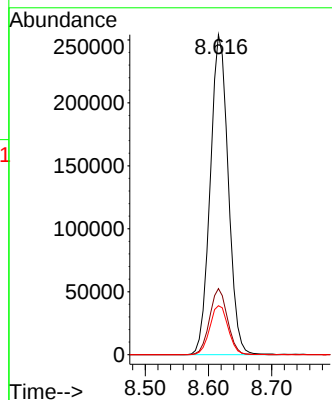
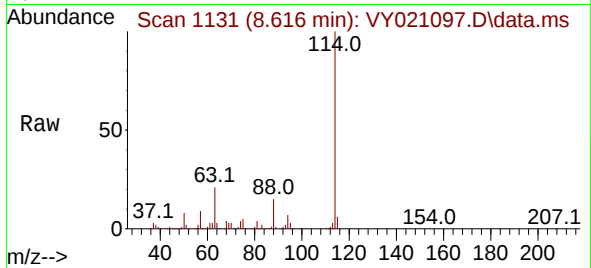




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

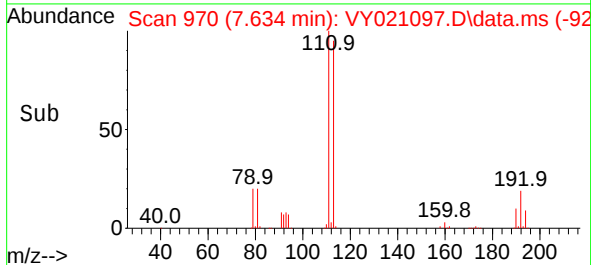
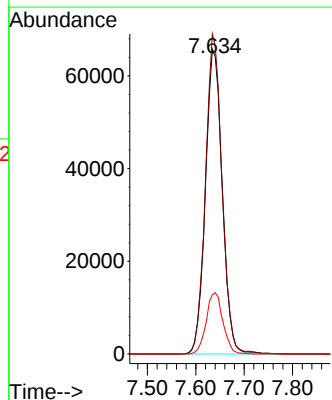
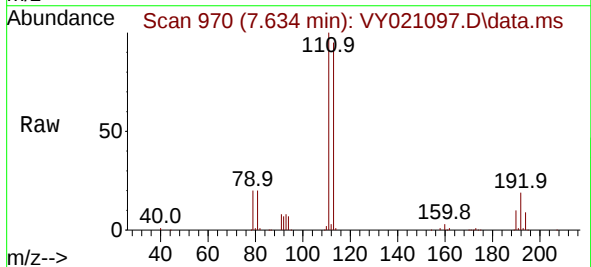
Instrument :
MSVOA_Y
ClientSampleId :

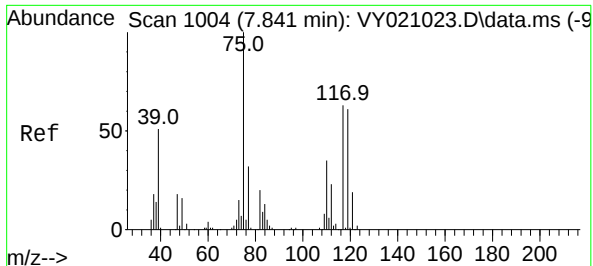
Tgt Ion:114 Resp: 502920
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.395 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

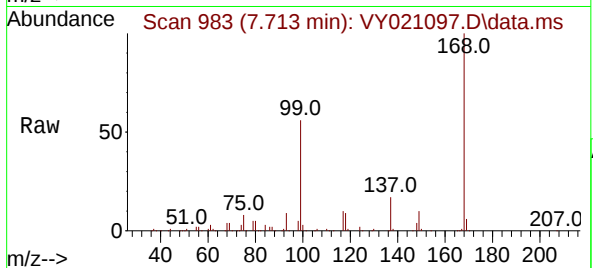
Tgt Ion:113 Resp: 159201
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.9 14.5 21.7



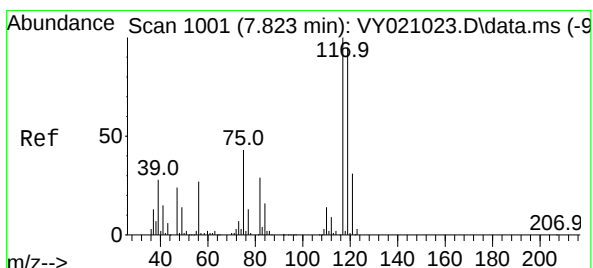
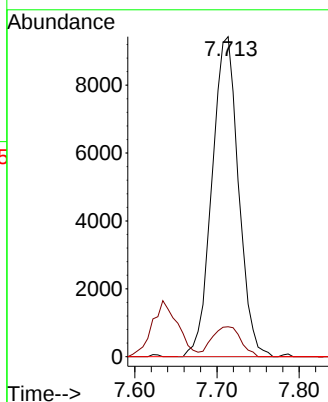
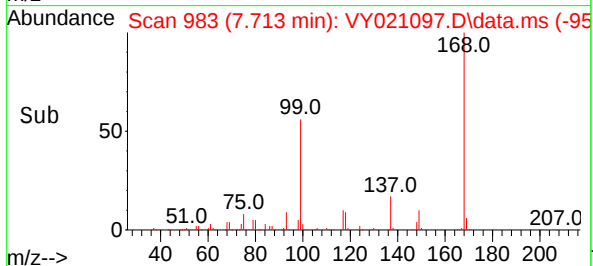


#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.713 min Scan# 90
Delta R.T. -0.128 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Instrument :
MSVOA_Y
ClientSampleId :

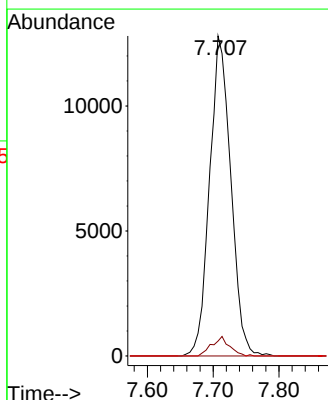
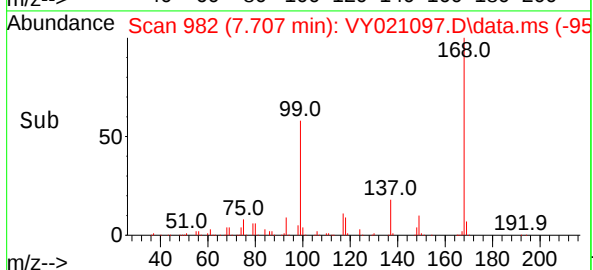
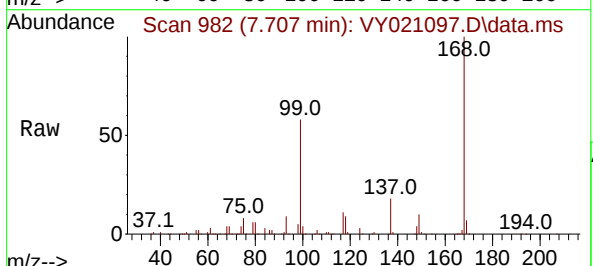


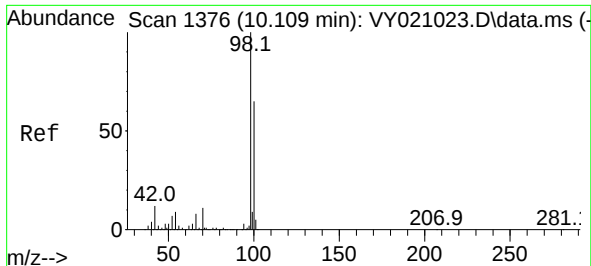
Tgt Ion: 75 Resp: 21129
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.157 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 117 Resp: 28764
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#

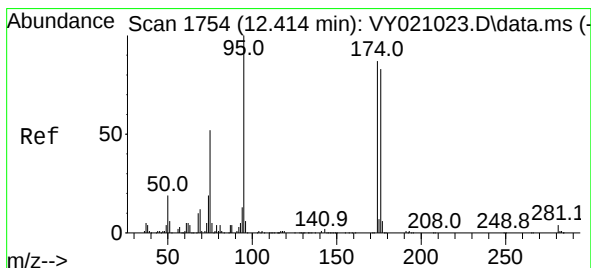
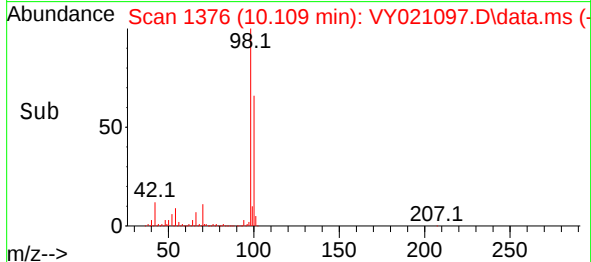
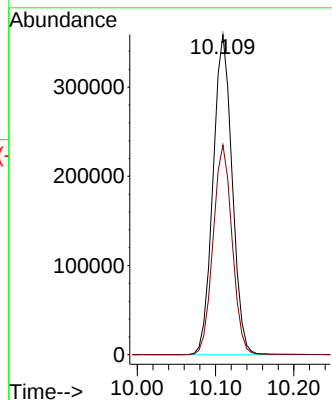
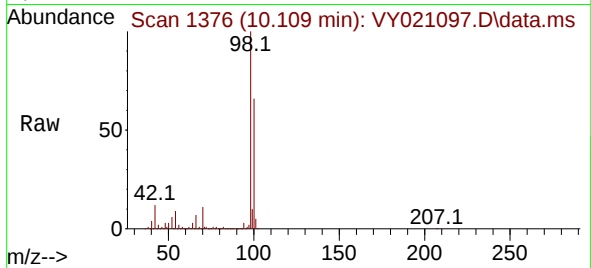




#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

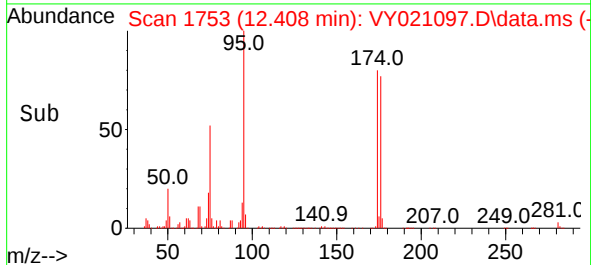
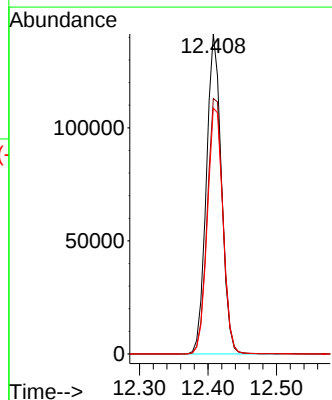
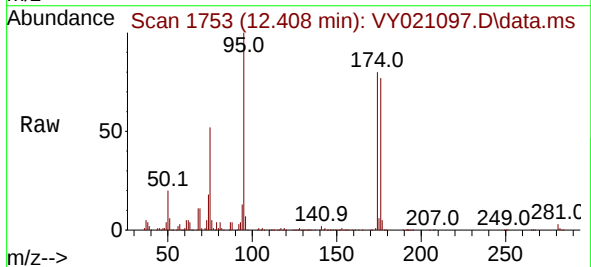
Instrument :
MSVOA_Y
ClientSampleId :

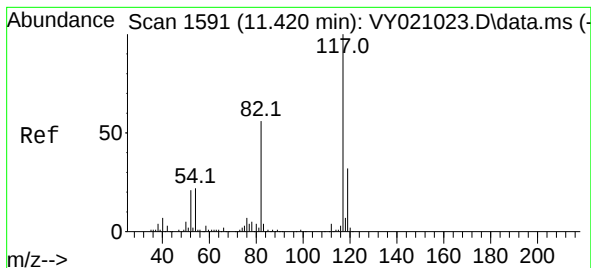
Tgt Ion: 98 Resp: 608772
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 95 Resp: 216522
Ion Ratio Lower Upper
95 100
174 83.3 0.0 160.0
176 79.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021097.D

Acq: 05 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

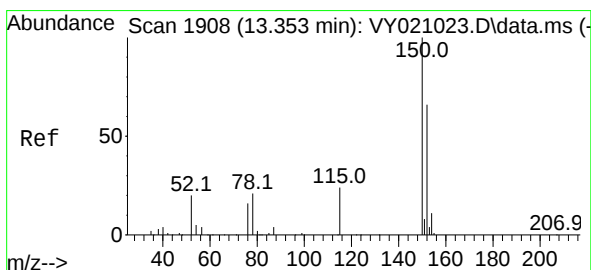
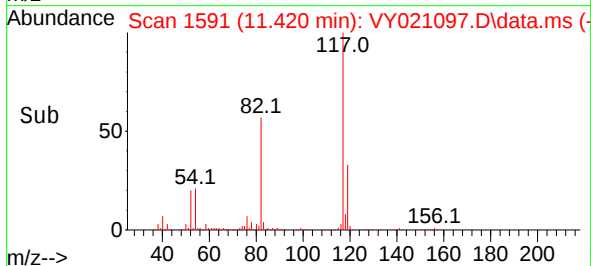
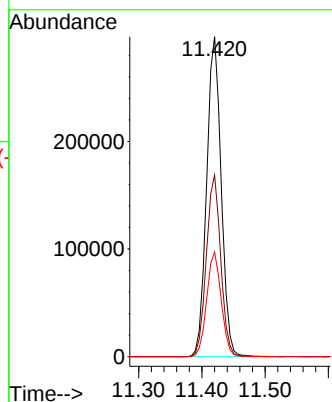
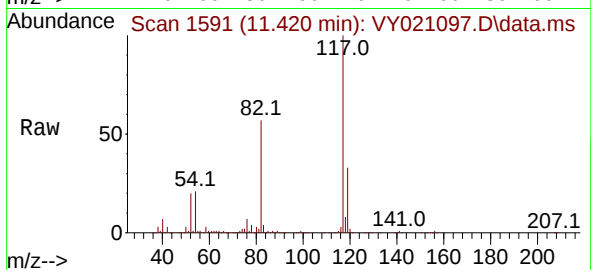
Tgt Ion:117 Resp: 475419

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021097.D

Acq: 05 Feb 2025 18:32

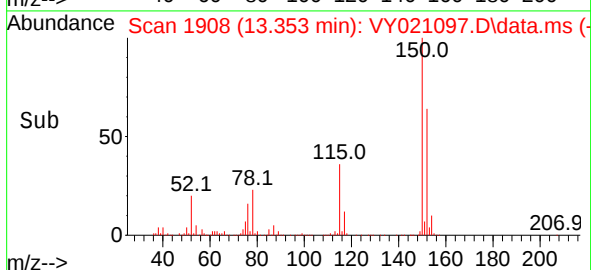
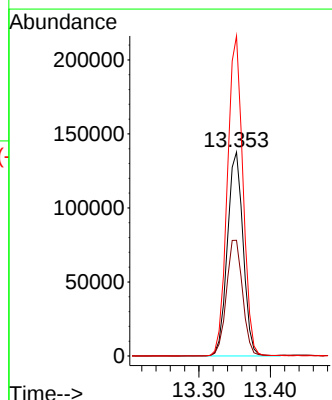
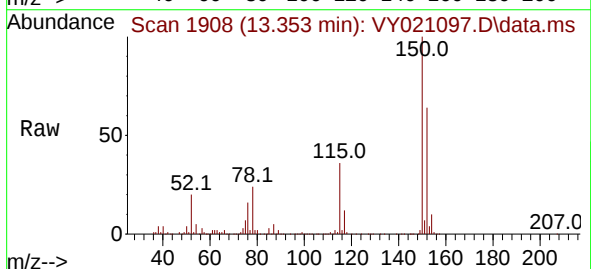
Tgt Ion:152 Resp: 210055

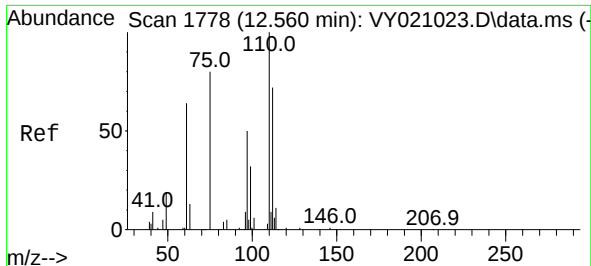
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 155.4 0.0 344.6

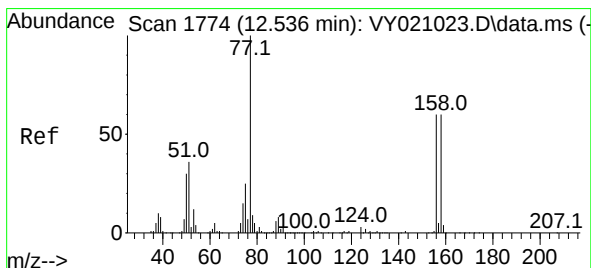
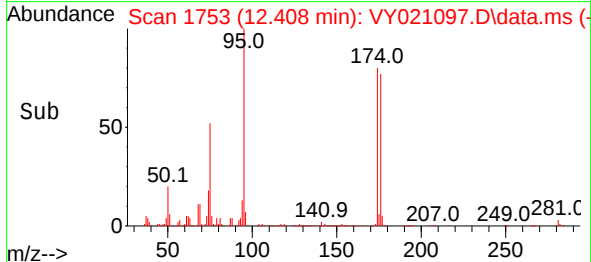
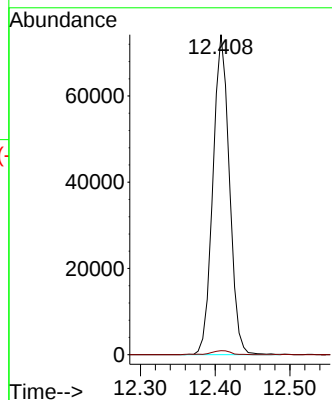
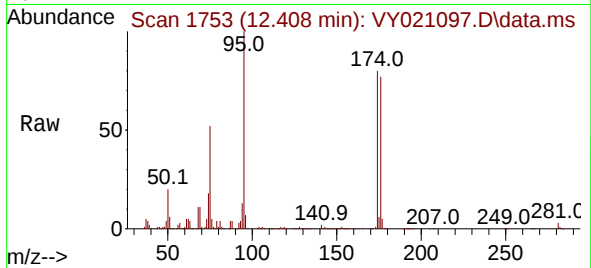




#76
1,2,3-Trichloropropane
Concen: 59.714 ug/l
RT: 12.408 min Scan# 1793
Delta R.T. -0.152 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

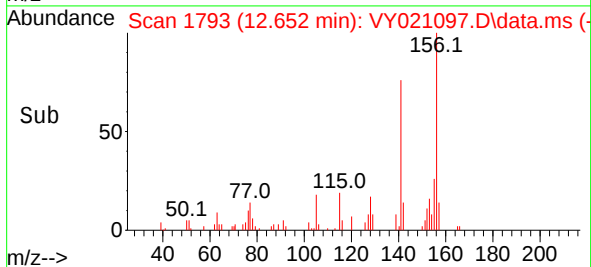
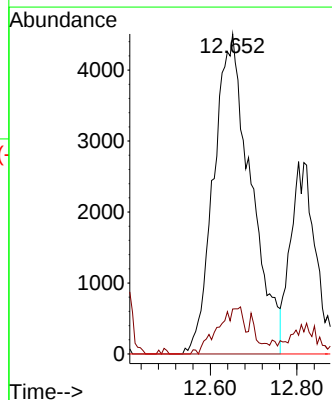
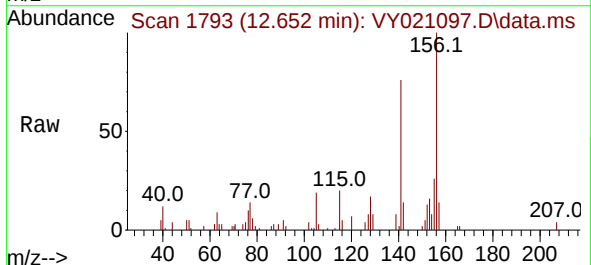
Instrument :
MSVOA_Y
ClientSampleId :

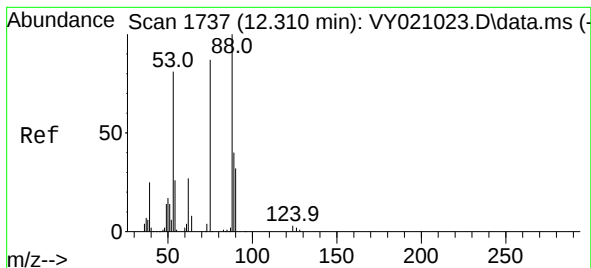
Tgt Ion: 75 Resp: 113783
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#77
Bromobenzene
Concen: 7.078 ug/l
RT: 12.652 min Scan# 1793
Delta R.T. 0.116 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 156 Resp: 26802
Ion Ratio Lower Upper
156 100
77 10.2 97.3 291.8#
158 0.0 48.4 145.0#

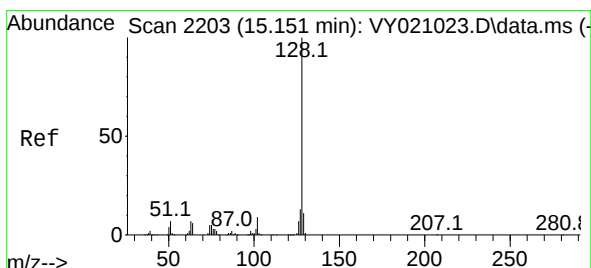
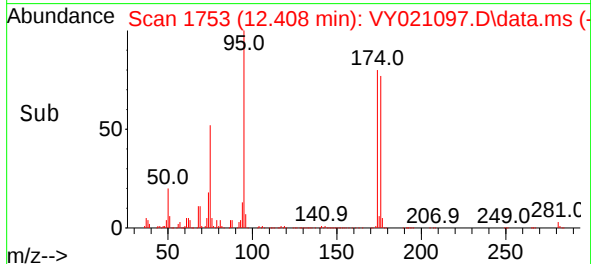
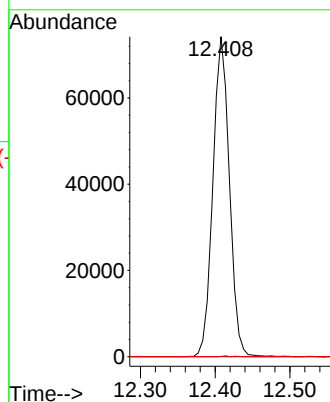
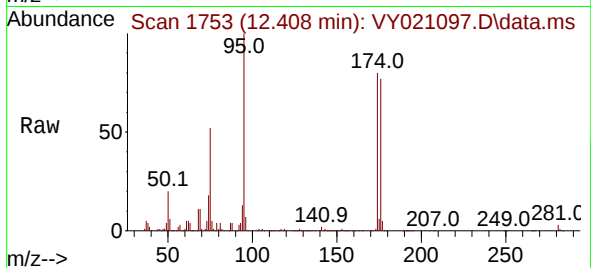




#81
trans-1,4-Dichloro-2-butene
Concen: 121.846 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113783
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 27.093 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion:128 Resp: 153105
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.3 8.6 12.8

