

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021096.D
 Acq On : 05 Feb 2025 18:08
 Operator : SY/MD
 Sample : Q1285-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:57:41 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)

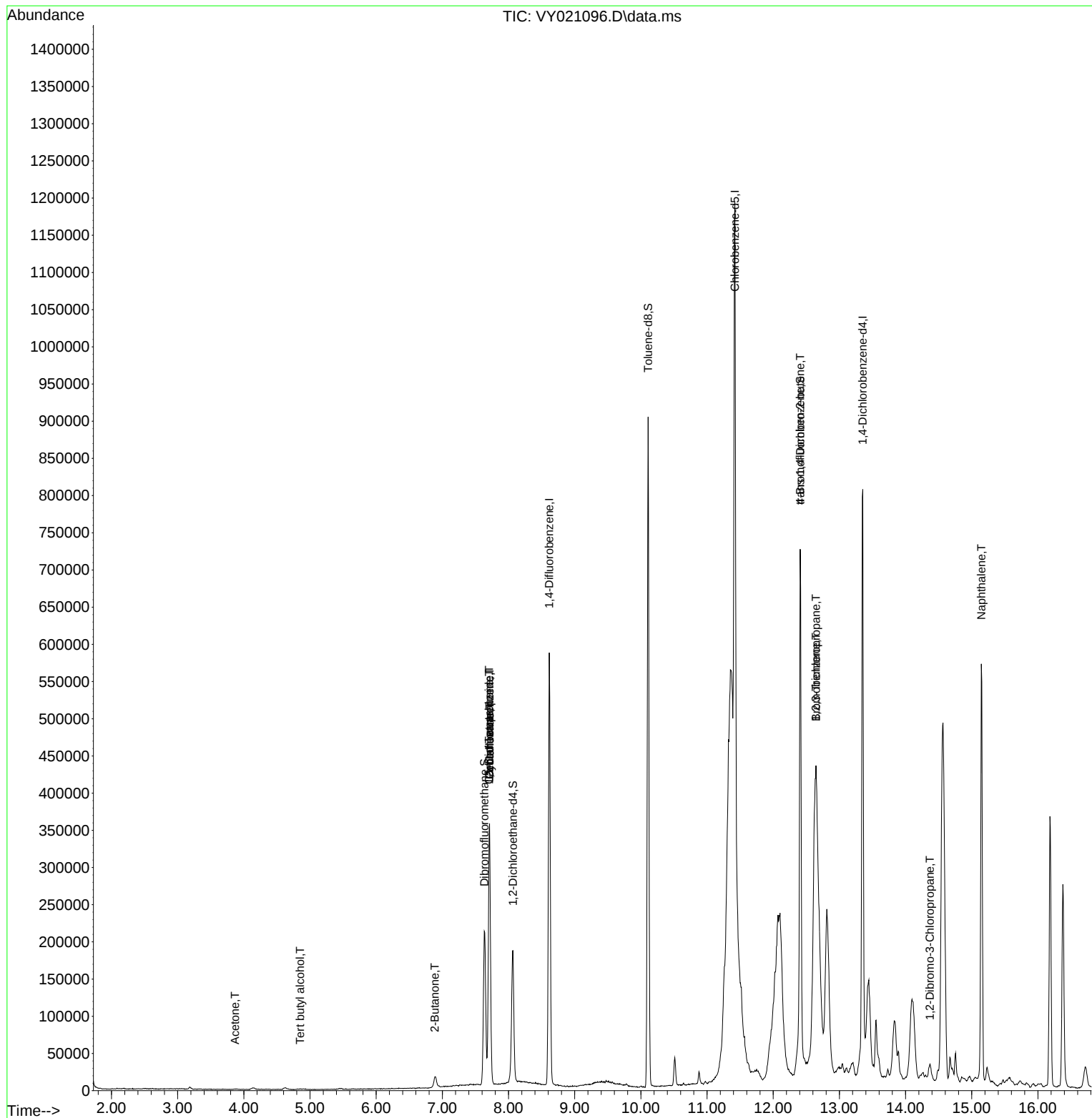
Internal Standards						
1) Pentafluorobenzene	7.713	168	268749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	443853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	198783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138105	50.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.634	113	149287	48.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.080%	
50) Toluene-d8	10.109	98	583310	49.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.408	95	200357	52.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	1062	5.691	ug/l #	75
16) Acetone	3.866	43	1307	3.044	ug/l	89
25) 2-Butanone	6.884	43	961	1.362	ug/l #	48
31) Cyclohexane	7.713	56	5332	1.135	ug/l #	15
36) 1,1-Dichloropropene	7.707	75	20656	4.534	ug/l #	53
38) Carbon Tetrachloride	7.707	117	27666	5.197	ug/l #	16
76) 1,2,3-Trichloropropane	12.645	75	19555	10.845	ug/l #	100
77) Bromobenzene	12.645	156	549158	153.256	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.408	75	113780	128.752	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.365	75	531	1.376	ug/l #	15
95) Naphthalene	15.145	128	451945	84.510	ug/l	100

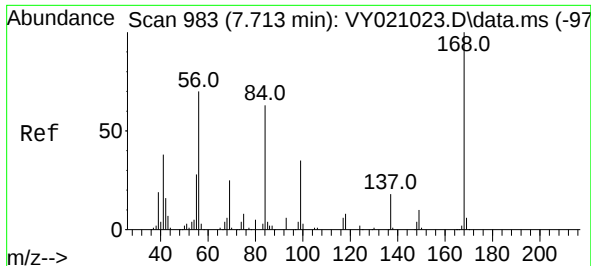
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021096.D
Acq On : 05 Feb 2025 18:08
Operator : SY/MD
Sample : Q1285-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 06 00:57:41 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

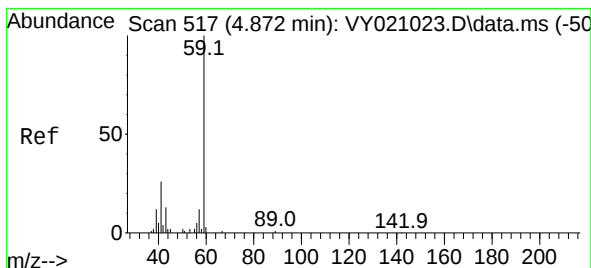
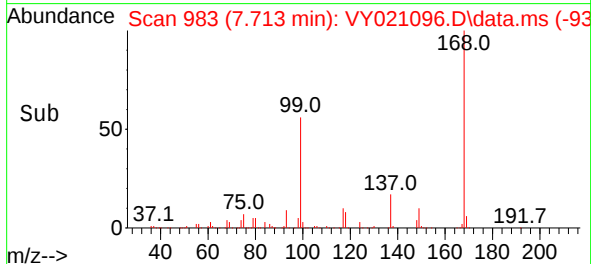
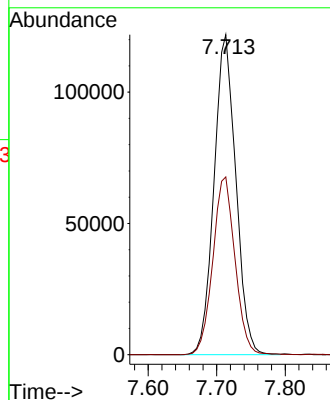
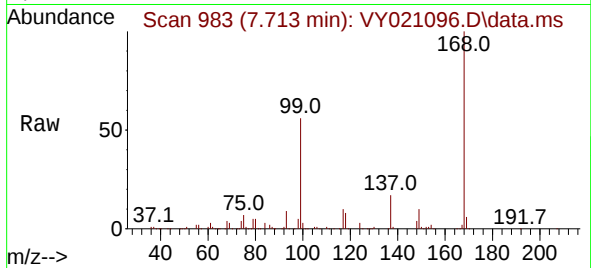




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

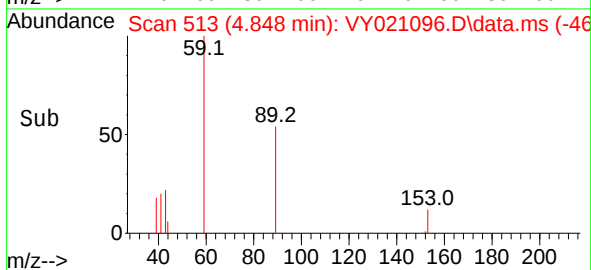
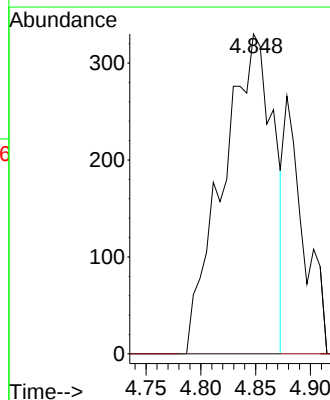
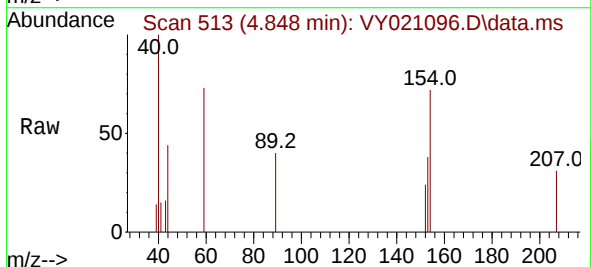
Instrument :
MSVOA_Y
ClientSampleId :

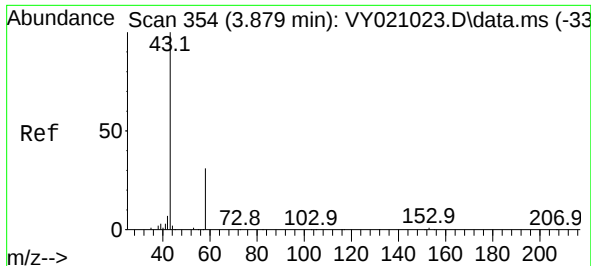
Tgt Ion:168 Resp: 268749
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.691 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Tgt Ion: 59 Resp: 1062
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.044 ug/l

RT: 3.866 min Scan# 3

Delta R.T. -0.012 min

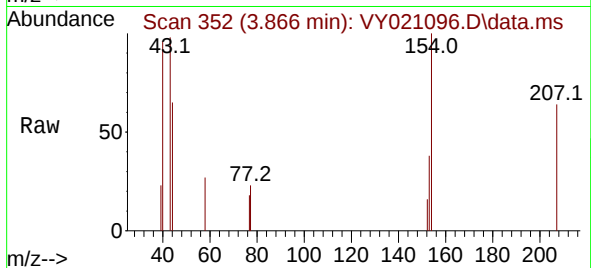
Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

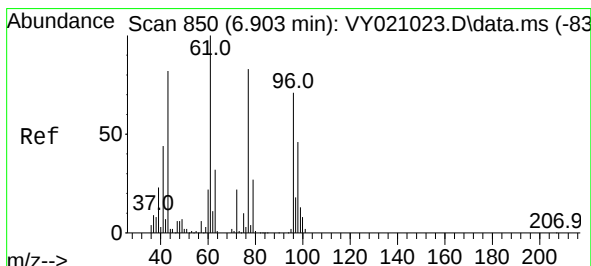
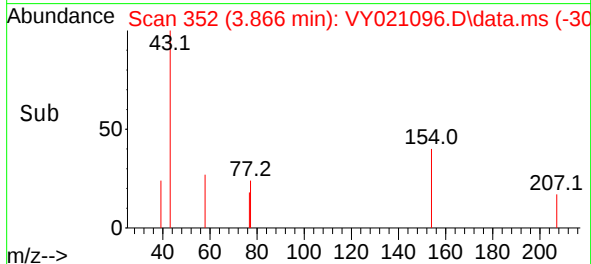
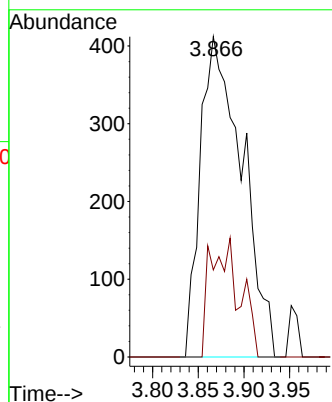


Tgt Ion: 43 Resp: 1307

Ion Ratio Lower Upper

43 100

58 27.2 26.6 39.8



#25

2-Butanone

Concen: 1.362 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY021096.D

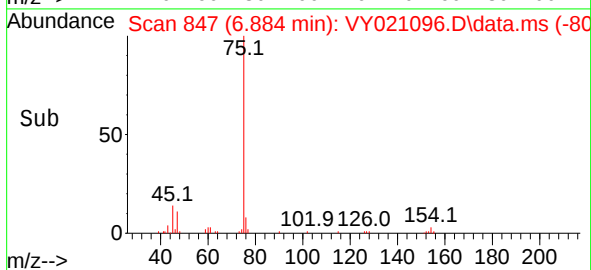
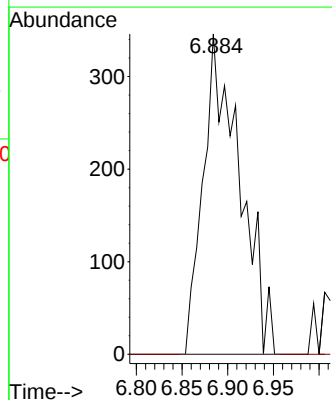
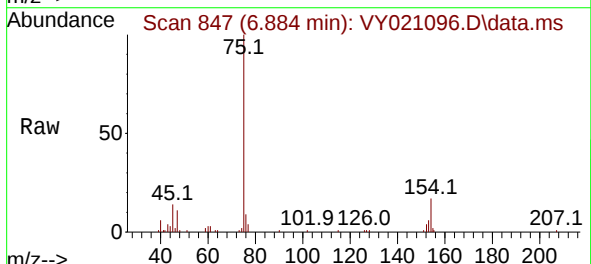
Acq: 05 Feb 2025 18:08

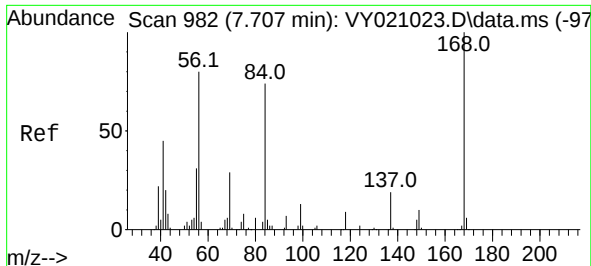
Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

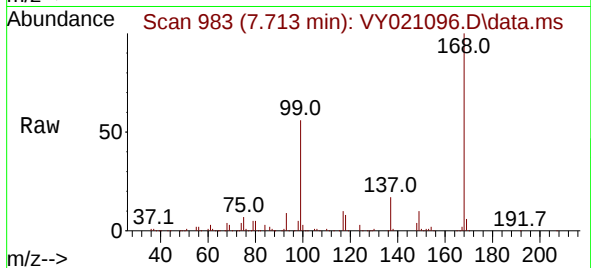
72 0.0 21.4 32.2#



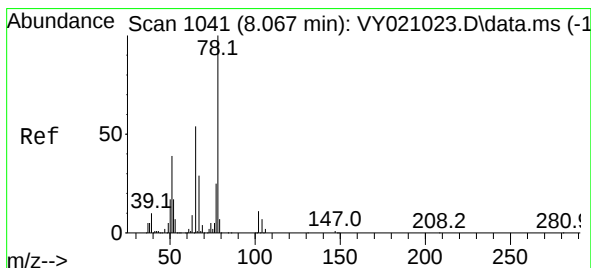
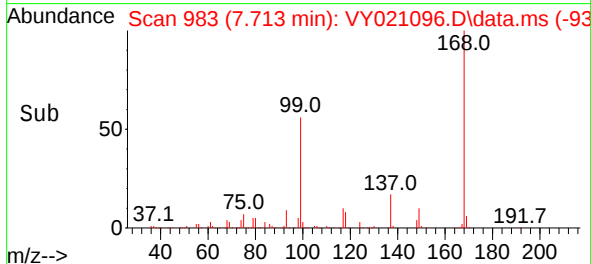
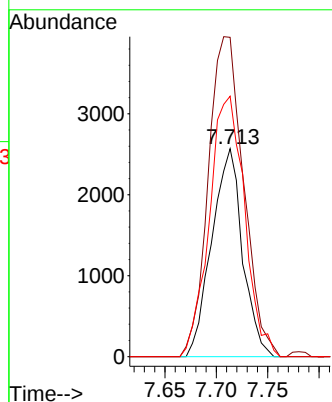


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :

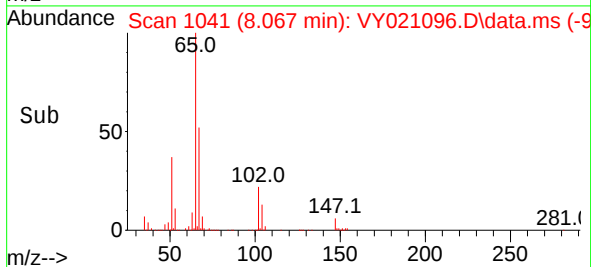
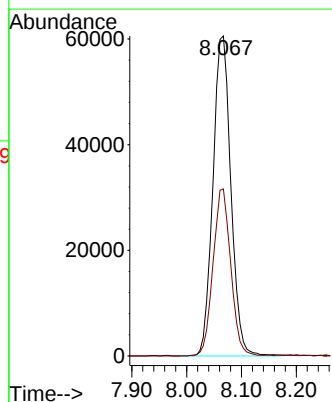
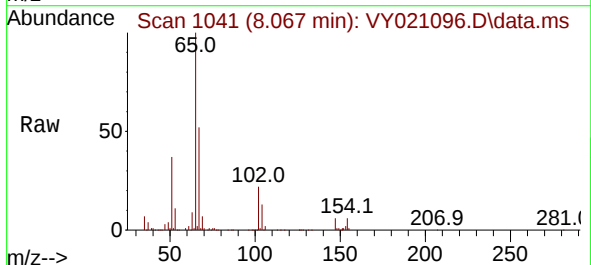


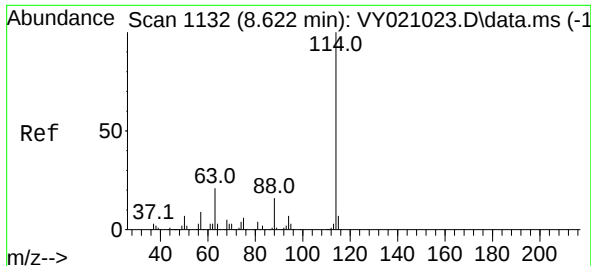
Tgt Ion: 56 Resp: 5332
Ion Ratio Lower Upper
56 100
69 153.5 27.0 40.6#
84 125.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.155 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Tgt Ion: 65 Resp: 138105
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

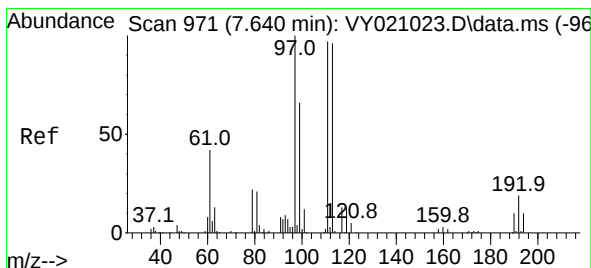
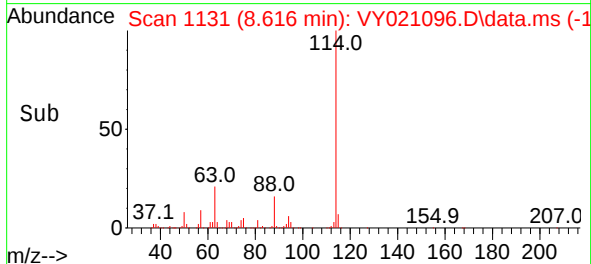
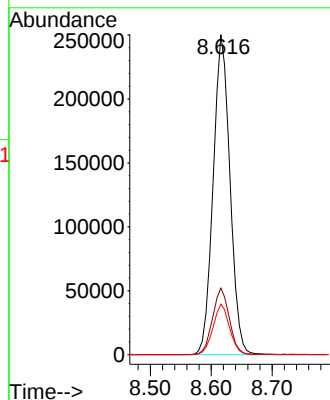
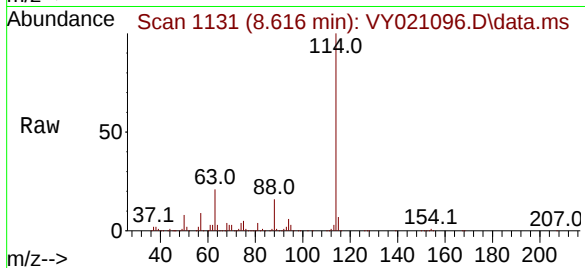
Tgt Ion:114 Resp: 479934

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

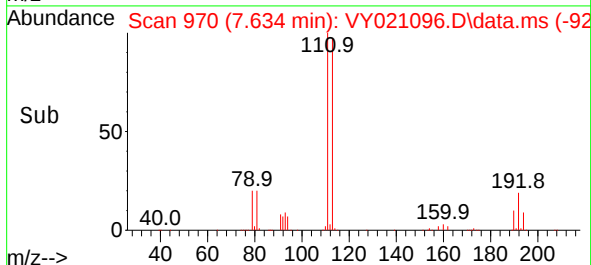
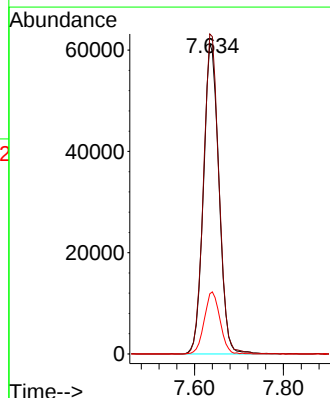
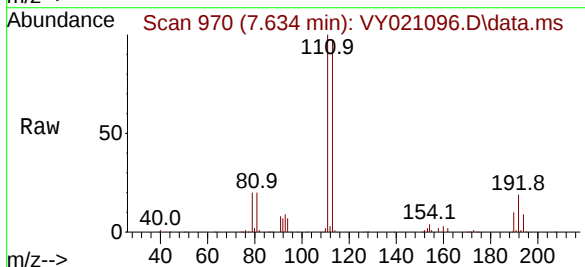
Tgt Ion:113 Resp: 149287

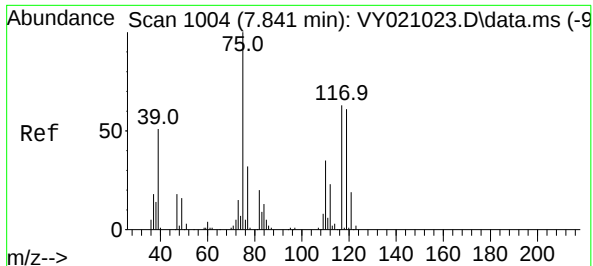
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

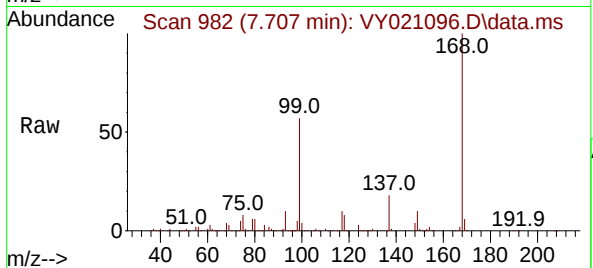
192 20.3 14.5 21.7



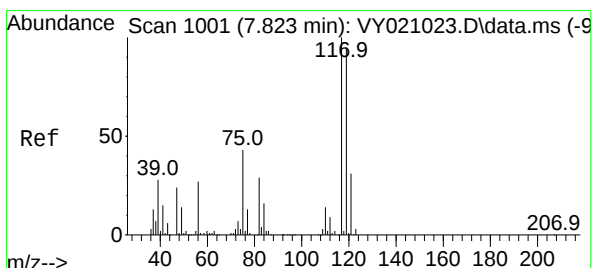
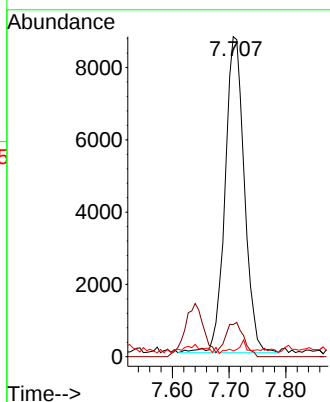
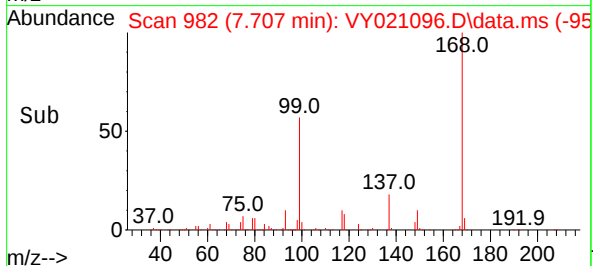


#36
 1,1-Dichloropropene
 Concen: 4.534 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.134 min
 Lab File: VY021096.D
 Acq: 05 Feb 2025 18:08

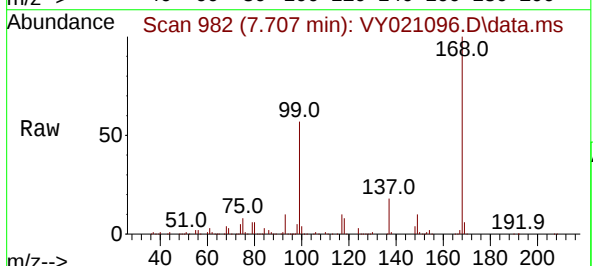
Instrument :
 MSVOA_Y
 ClientSampleId :



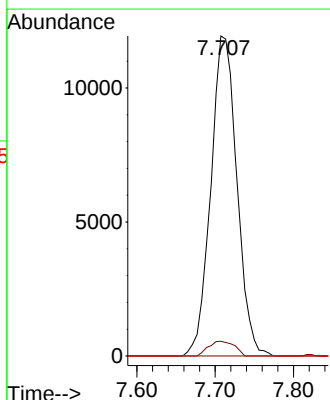
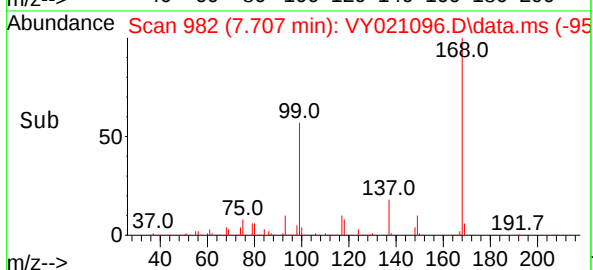
Tgt Ion: 75 Resp: 20656
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.4 52.3#
 77 2.3 24.7 37.1#

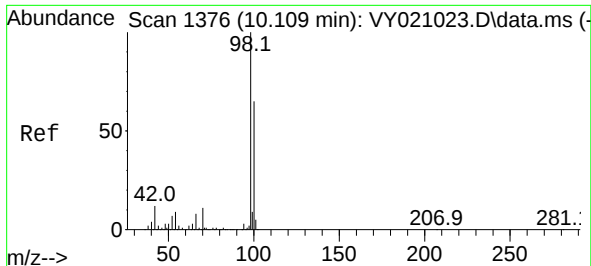


#38
 Carbon Tetrachloride
 Concen: 5.197 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021096.D
 Acq: 05 Feb 2025 18:08



Tgt Ion: 117 Resp: 27666
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.0 114.0#
 121 0.0 24.2 36.2#

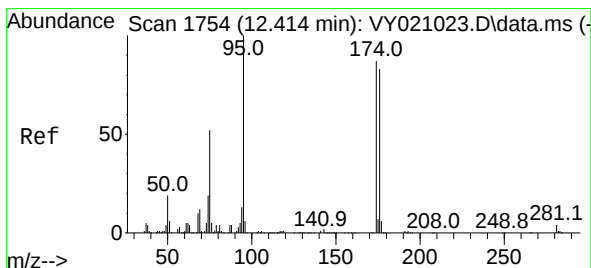
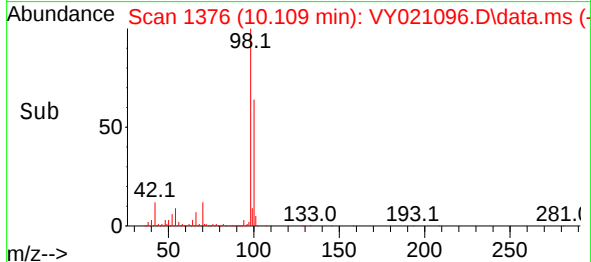
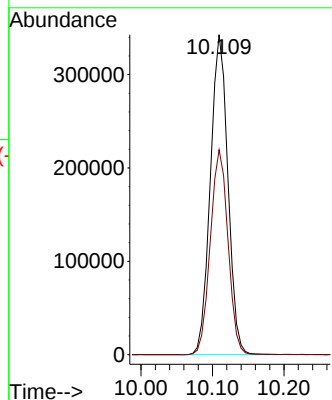
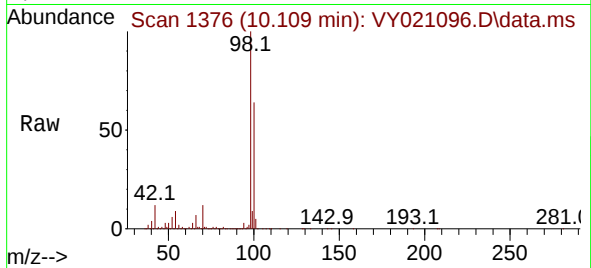




#50
Toluene-d8
Concen: 49.815 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

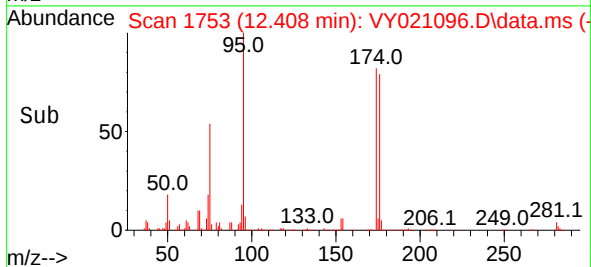
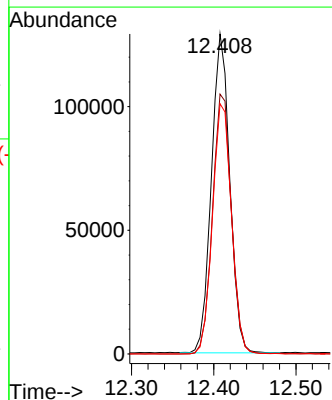
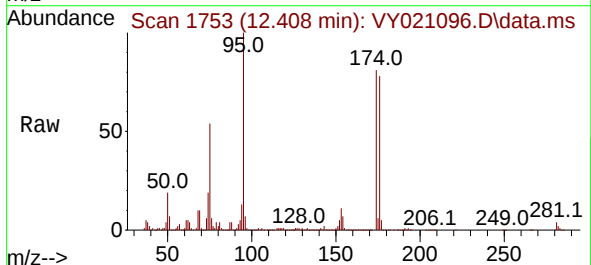
Instrument :
MSVOA_Y
ClientSampleId :

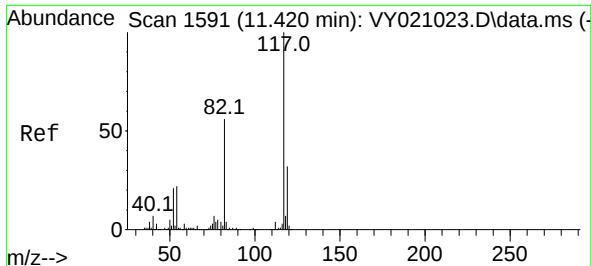
Tgt Ion: 98 Resp: 583310
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.375 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

Tgt Ion: 95 Resp: 200357
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 81.2 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: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

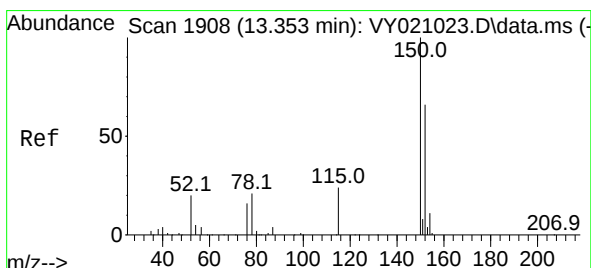
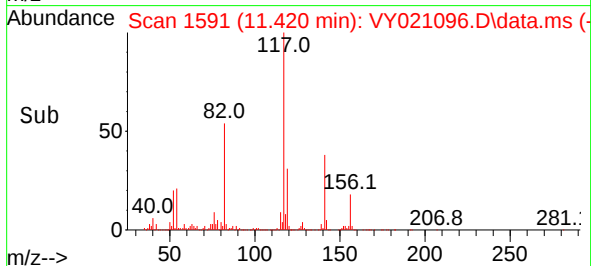
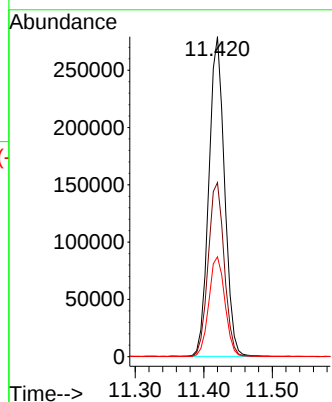
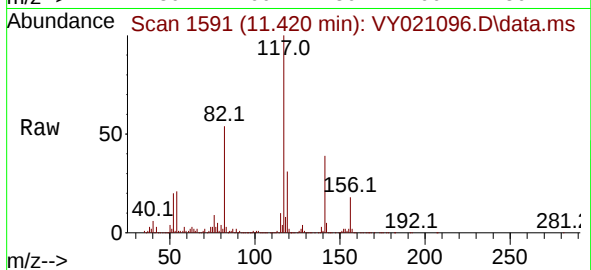
Tgt Ion:117 Resp: 443853

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 31.2 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: VY021096.D

Acq: 05 Feb 2025 18:08

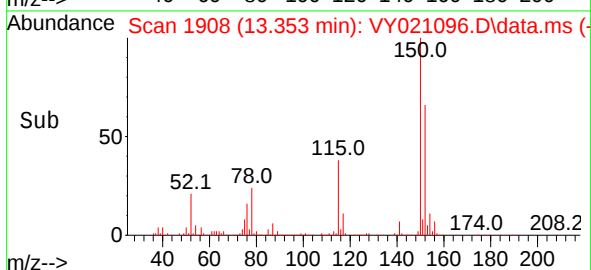
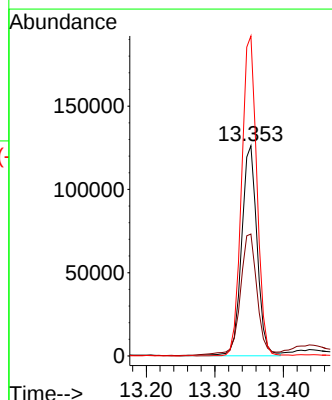
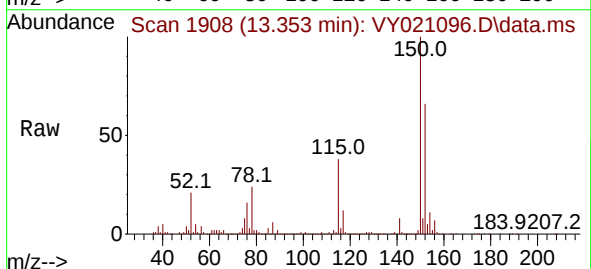
Tgt Ion:152 Resp: 198783

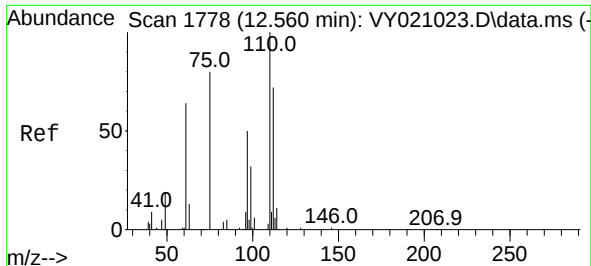
Ion Ratio Lower Upper

152 100

115 63.2 30.0 90.0

150 150.2 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 10.845 ug/l

RT: 12.645 min Scan# 1792

Delta R.T. 0.085 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

Instrument :

MSVOA_Y

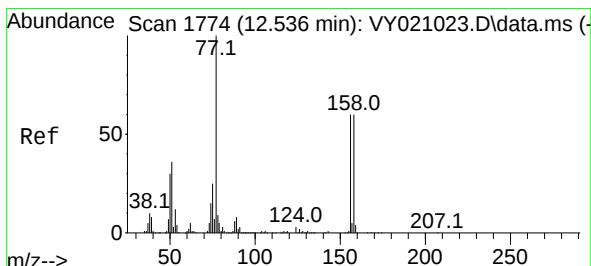
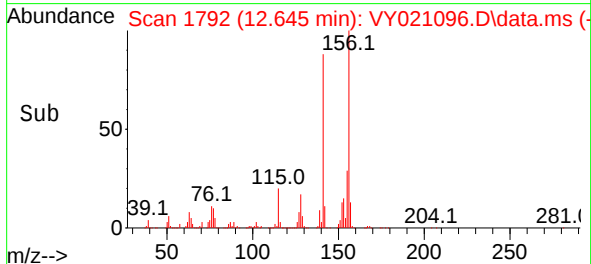
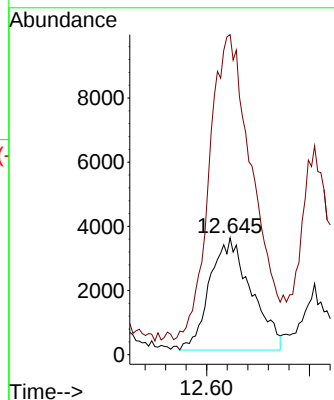
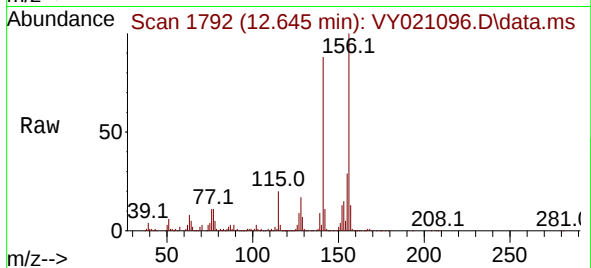
ClientSampleId :

Tgt Ion: 75 Resp: 19555

Ion Ratio Lower Upper

75 100

77 280.0 0.0 0.0#



#77

Bromobenzene

Concen: 153.256 ug/l

RT: 12.645 min Scan# 1792

Delta R.T. 0.110 min

Lab File: VY021096.D

Acq: 05 Feb 2025 18:08

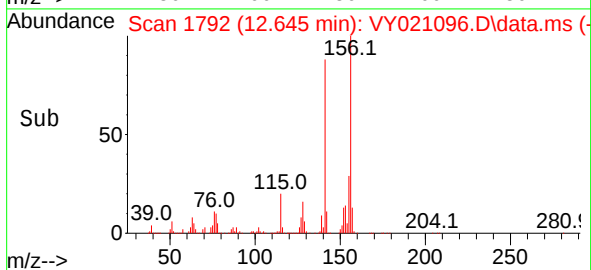
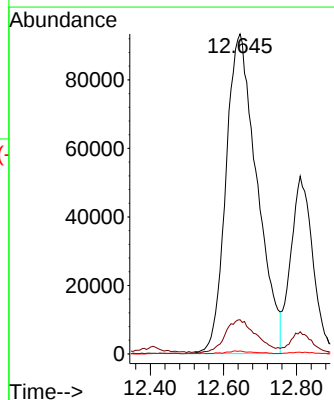
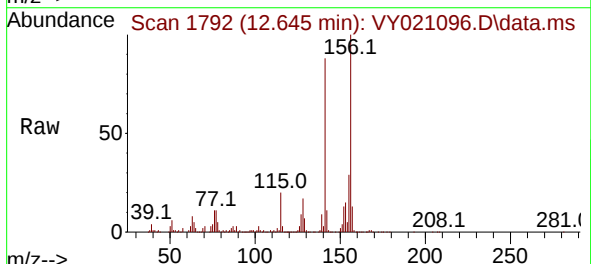
Tgt Ion:156 Resp: 549158

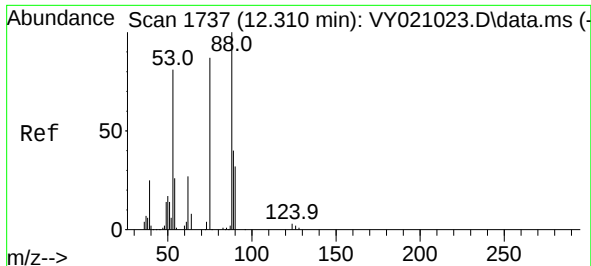
Ion Ratio Lower Upper

156 100

77 10.0 97.3 291.8#

158 0.7 48.4 145.0#

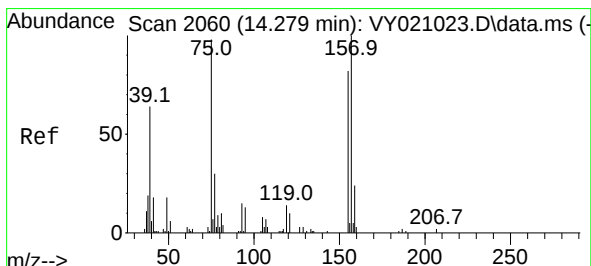
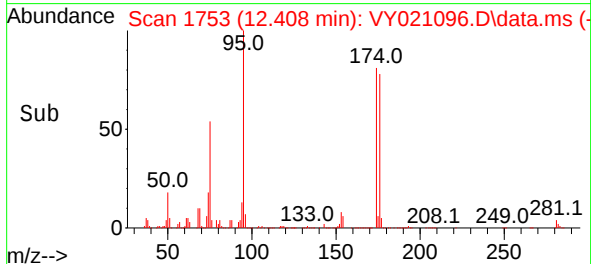
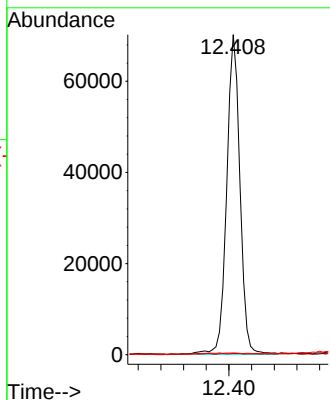
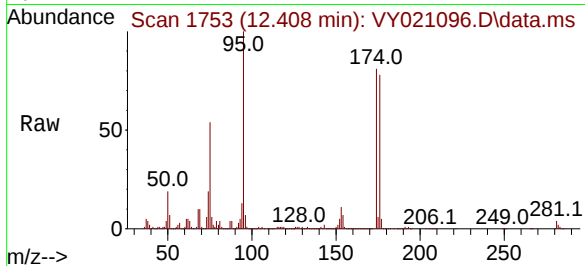




#81
trans-1,4-Dichloro-2-butene
Concen: 128.752 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

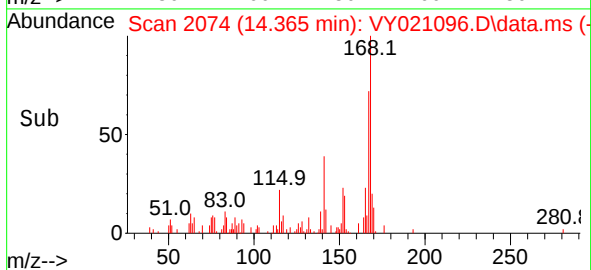
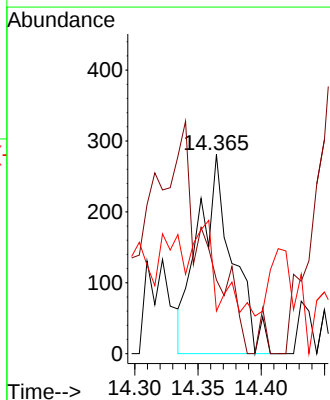
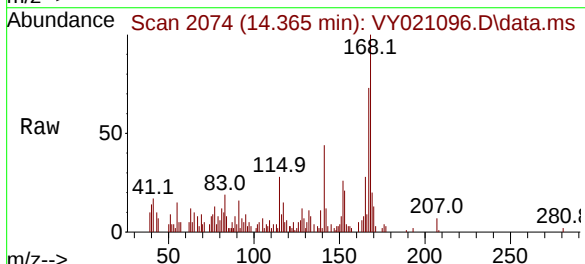
Instrument :
MSVOA_Y
ClientSampleId :

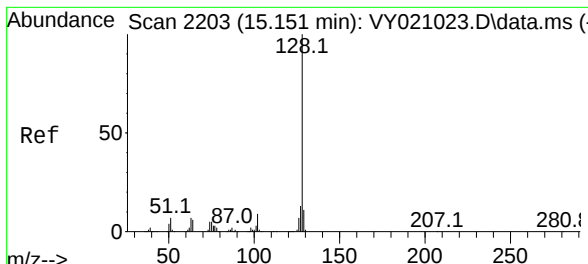
Tgt Ion: 75 Resp: 113780
Ion Ratio Lower Upper
75 100
53 0.2 74.0 111.0#
89 0.0 36.5 54.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.376 ug/l
RT: 14.365 min Scan# 2074
Delta R.T. 0.085 min
Lab File: VY021096.D
Acq: 05 Feb 2025 18:08

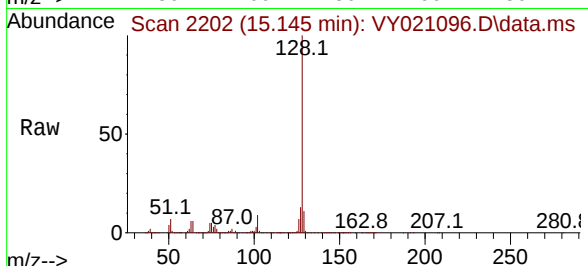
Tgt Ion: 75 Resp: 531
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 27.3 55.8 167.4#





#95
 Naphthalene
 Concen: 84.510 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021096.D
 Acq: 05 Feb 2025 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 451945

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	12.8

