

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021120.D
 Acq On : 06 Feb 2025 18:42
 Operator : SY/MD
 Sample : Q1309-07
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 02:36:21 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	238324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	438128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	411334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	177081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	140089	57.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.740%
35) Dibromofluoromethane	7.640	113	142692	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.109	98	525352	49.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.407	95	184570	52.852	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.700%

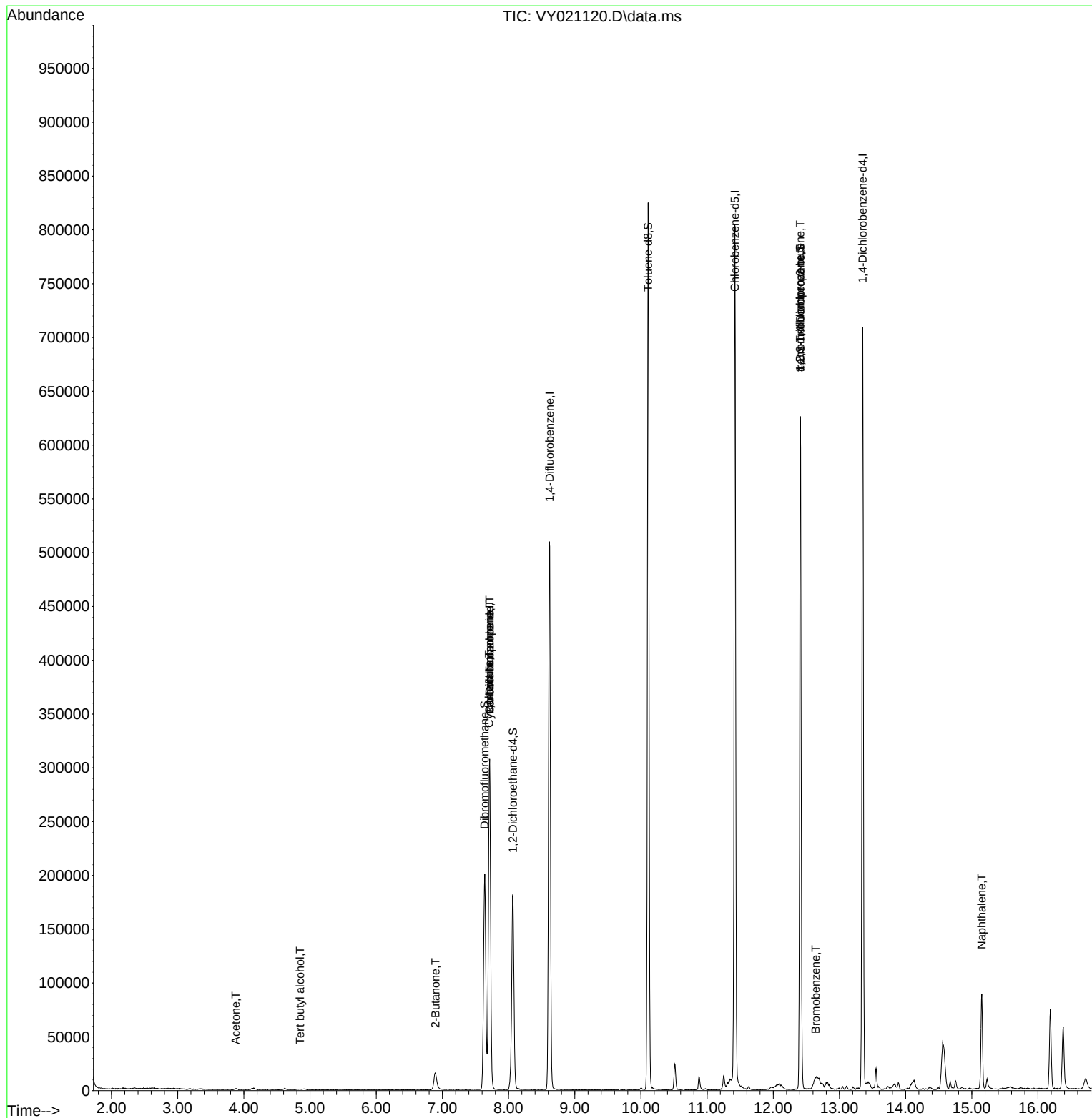
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.848	59	446	2.695	ug/l #	75
16) Acetone	3.878	43	1915	5.029	ug/l #	79
25) 2-Butanone	6.896	43	1464	2.340	ug/l #	48
31) Cyclohexane	7.707	56	5049	1.212	ug/l #	7
36) 1,1-Dichloropropene	7.713	75	18641	4.482	ug/l #	51
38) Carbon Tetrachloride	7.713	117	23995	4.938	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	100637	62.650	ug/l #	100
77) Bromobenzene	12.639	156	15234	4.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.407	75	100637	127.835	ug/l #	12
95) Naphthalene	15.151	128	72361	15.189	ug/l	100

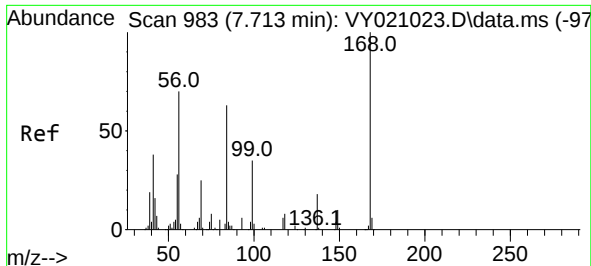
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
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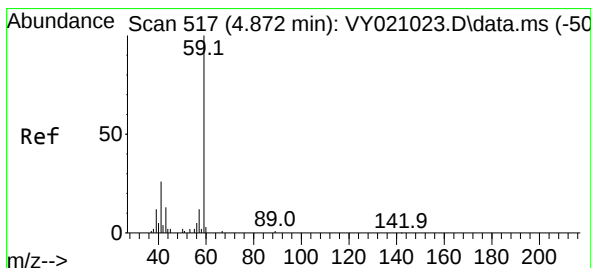
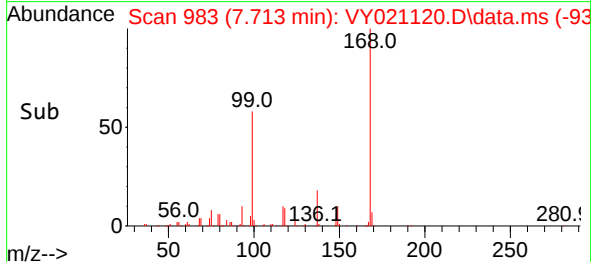
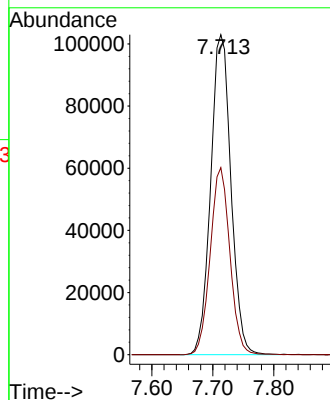
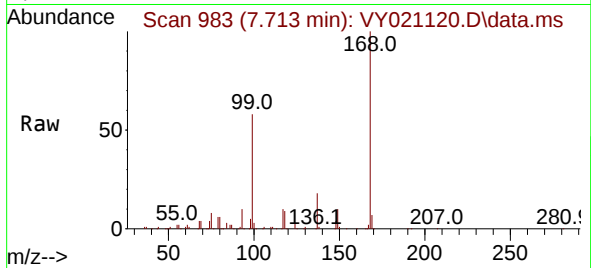




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

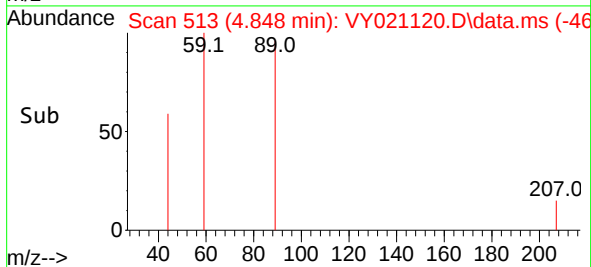
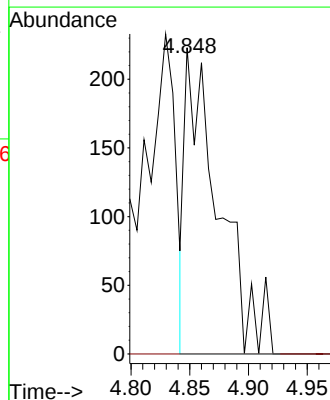
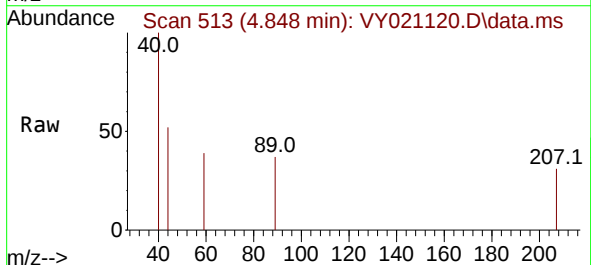
Instrument :
MSVOA_Y
ClientSampleId :

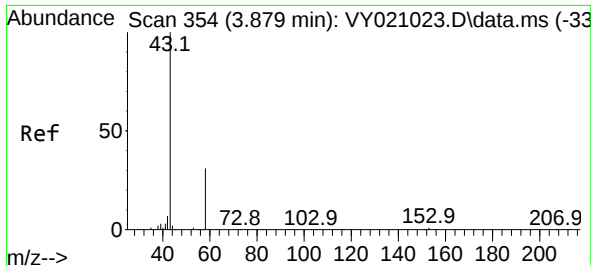
Tgt Ion:168 Resp: 238324
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.695 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

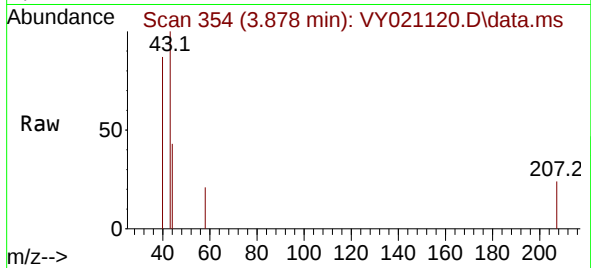
Tgt Ion: 59 Resp: 446
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



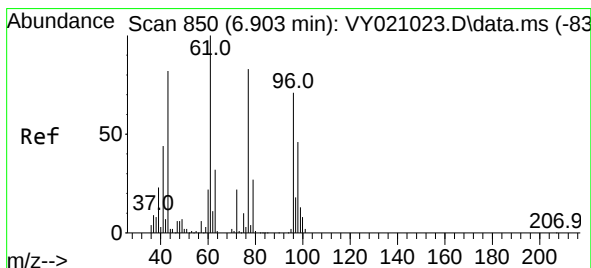
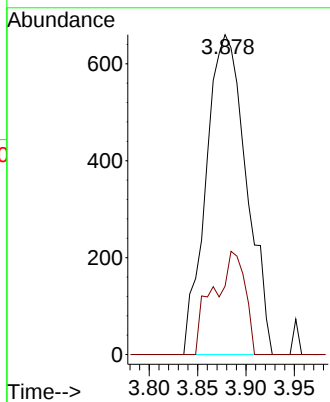
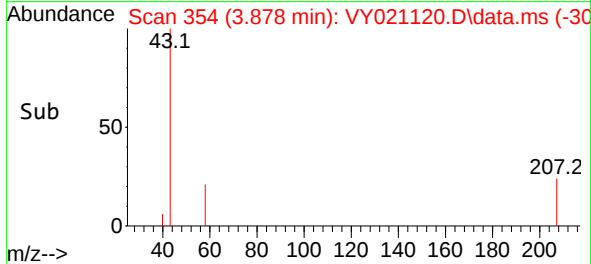


#16
Acetone
Concen: 5.029 ug/l
RT: 3.878 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :

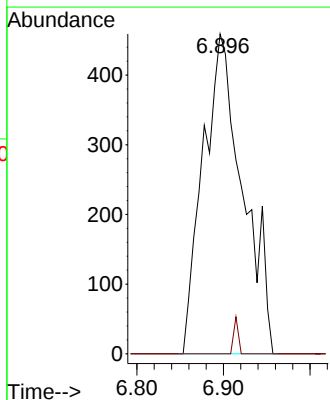
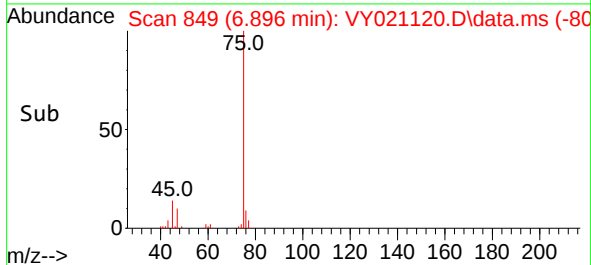
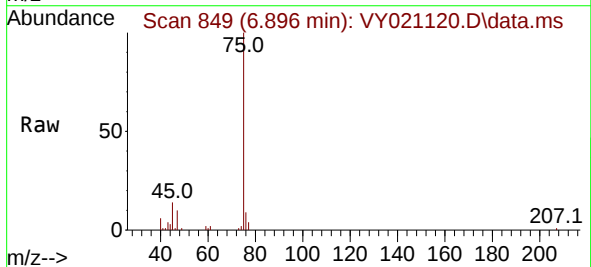


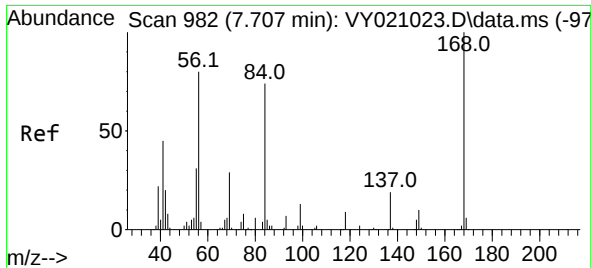
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 21.4 26.6 39.8#



#25
2-Butanone
Concen: 2.340 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

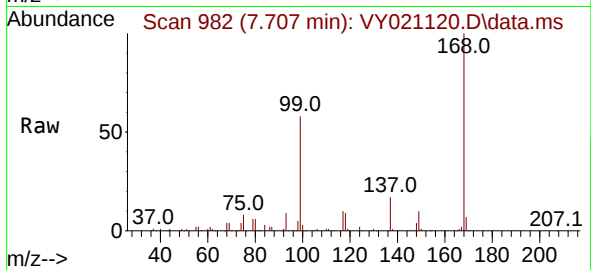
Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



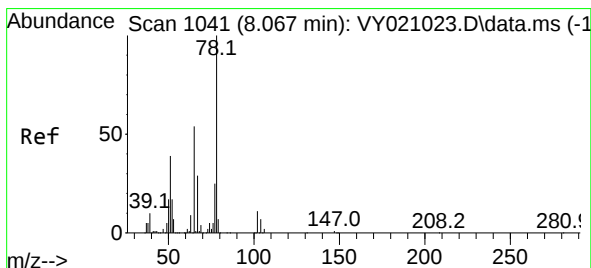
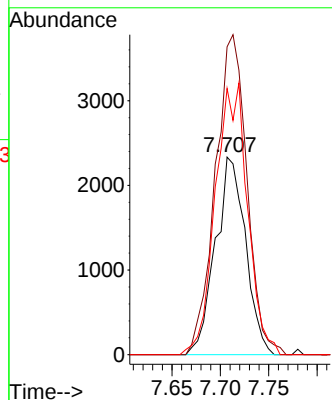
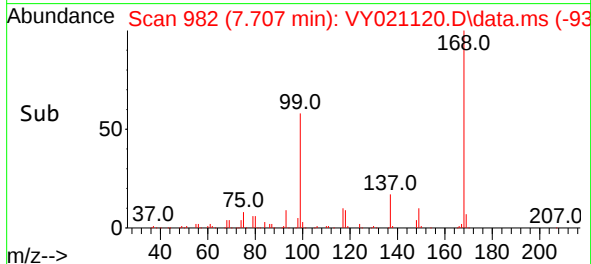


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

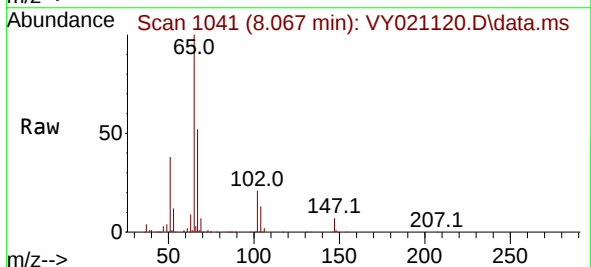
Instrument :
MSVOA_Y
ClientSampleId :



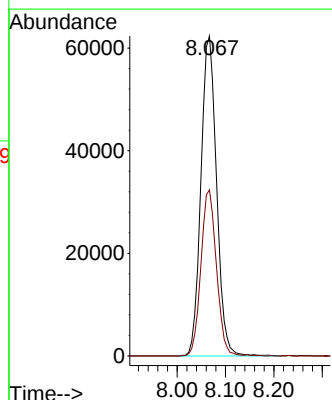
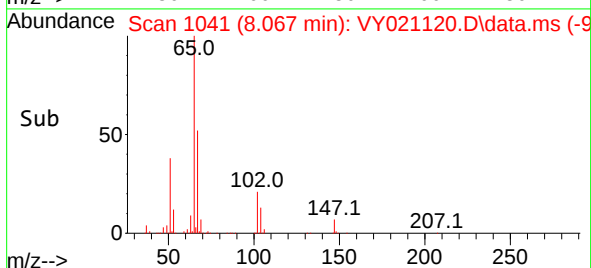
Tgt Ion: 56 Resp: 5049
Ion Ratio Lower Upper
56 100
69 155.8 27.0 40.6#
84 134.7 71.8 107.6#

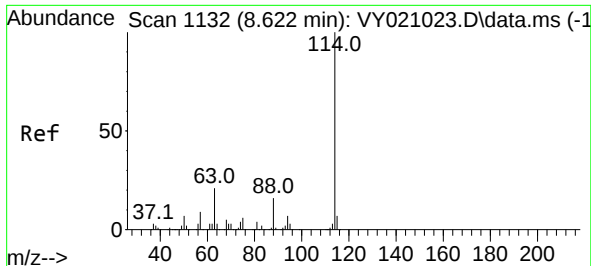


#33
1,2-Dichloroethane-d4
Concen: 57.371 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42



Tgt Ion: 65 Resp: 140089
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

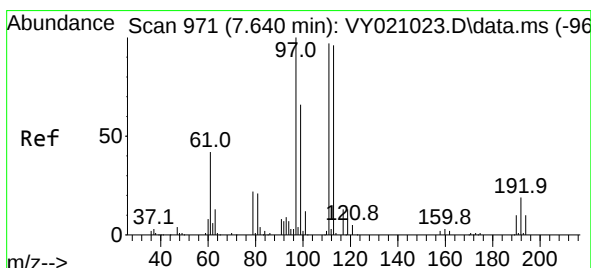
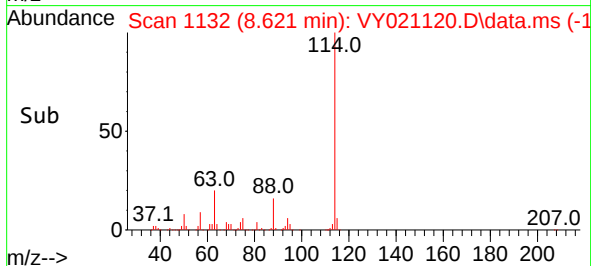
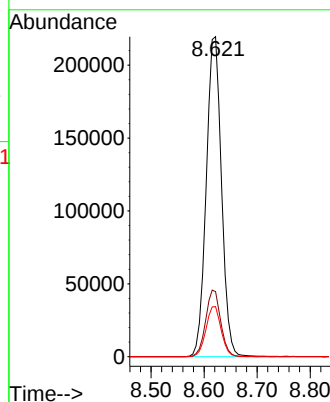
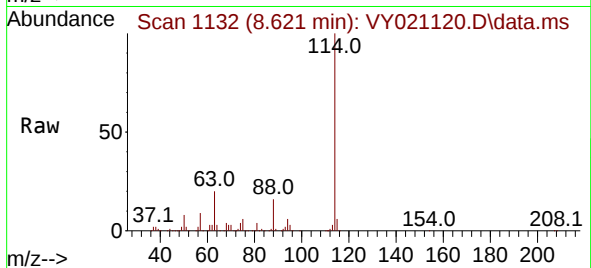
Tgt Ion:114 Resp: 438128

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.820 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

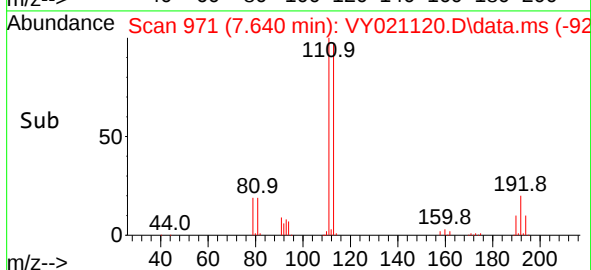
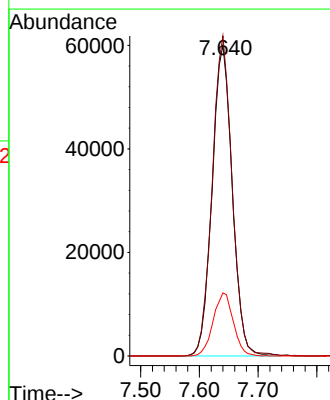
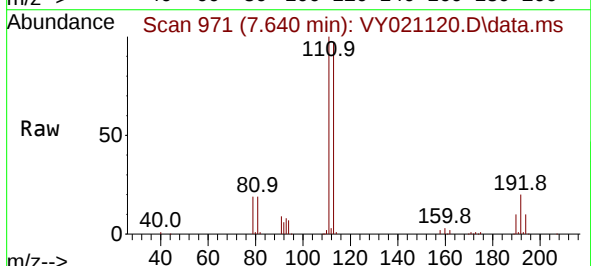
Tgt Ion:113 Resp: 142692

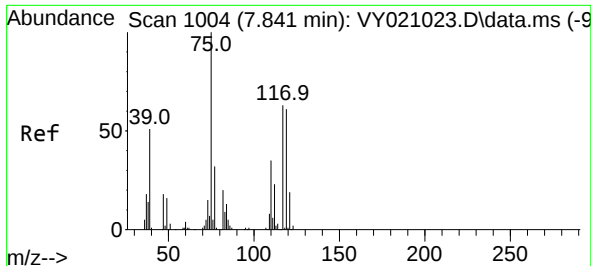
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 20.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.482 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

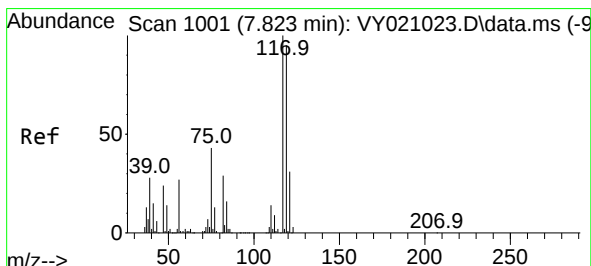
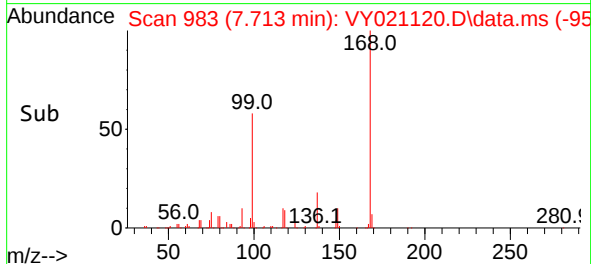
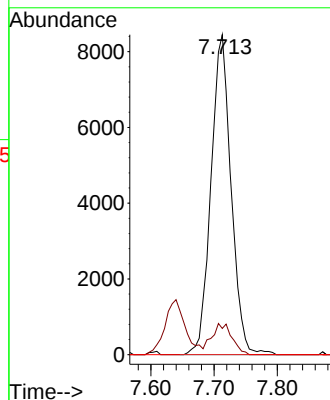
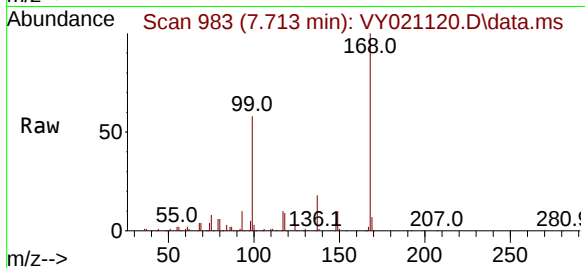
Tgt Ion: 75 Resp: 18641

Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.938 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.110 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

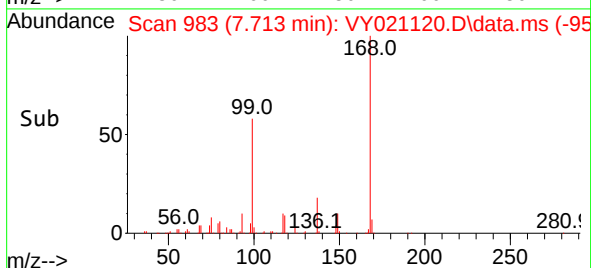
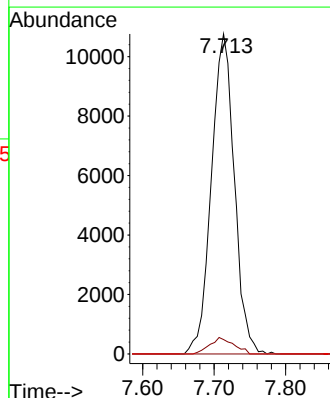
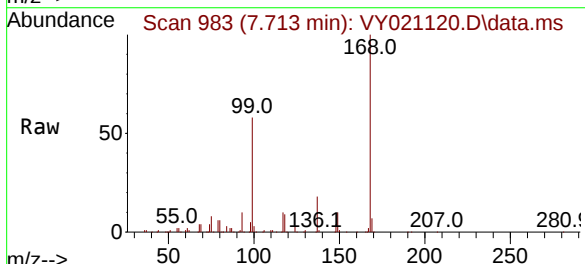
Tgt Ion: 117 Resp: 23995

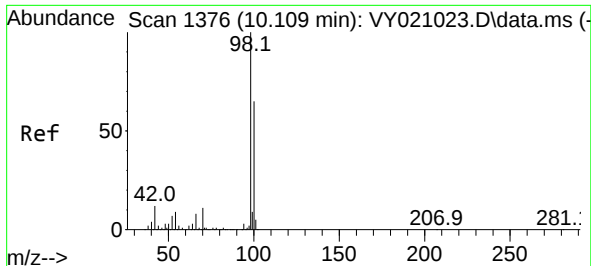
Ion Ratio Lower Upper

117 100

119 4.5 76.0 114.0#

121 0.0 24.2 36.2#

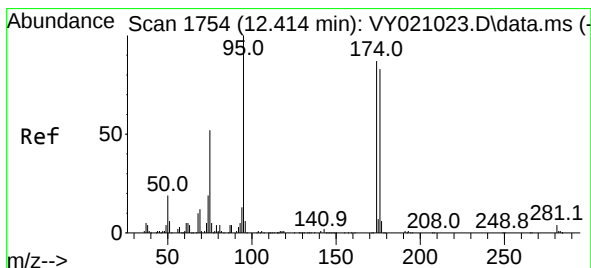
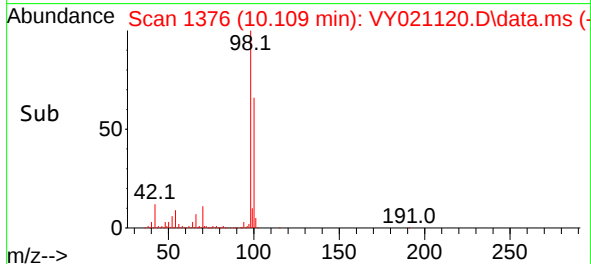
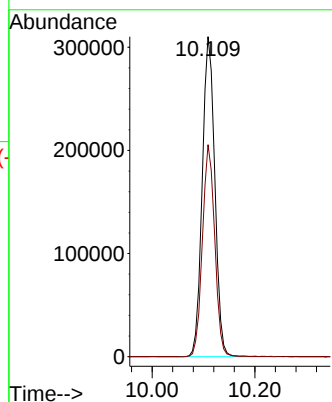
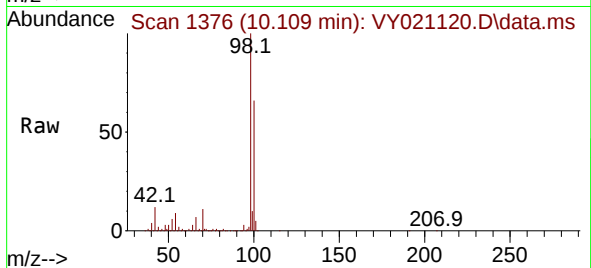




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

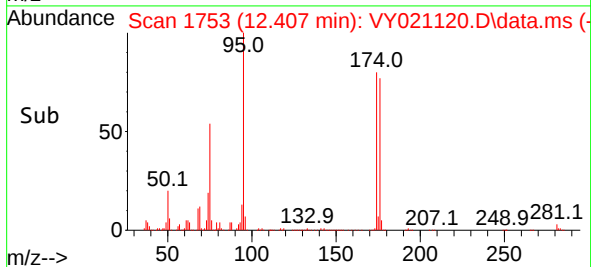
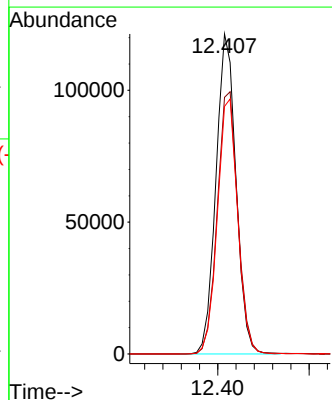
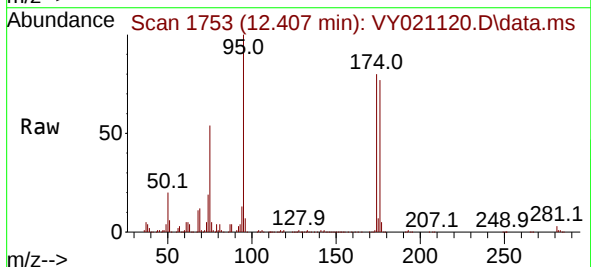
Instrument :
MSVOA_Y
ClientSampleId :

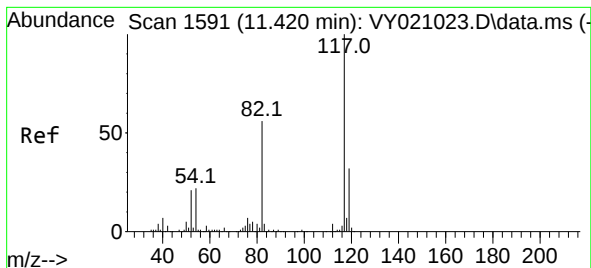
Tgt Ion: 98 Resp: 525352
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.852 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion: 95 Resp: 184570
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.0
176 80.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

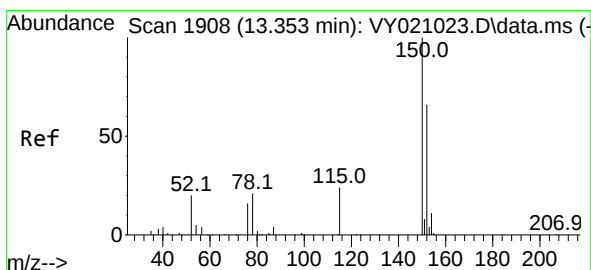
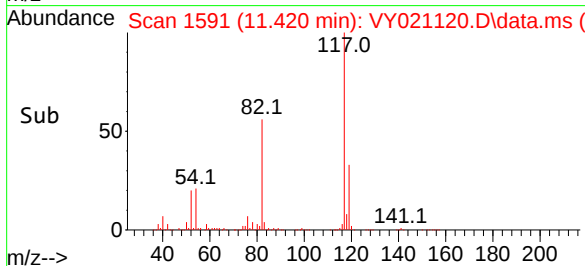
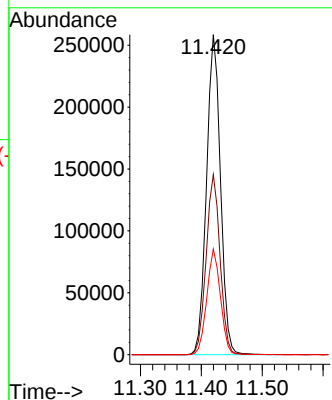
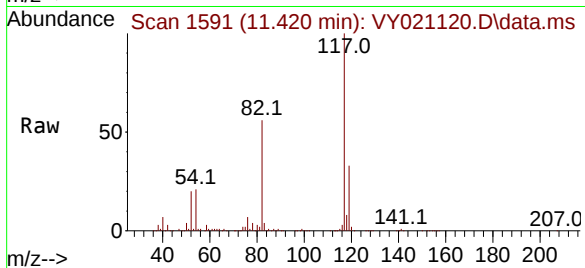
Tgt Ion:117 Resp: 411334

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 33.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

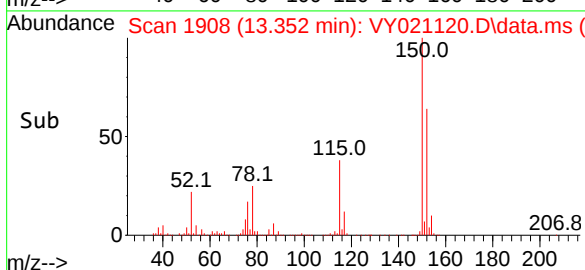
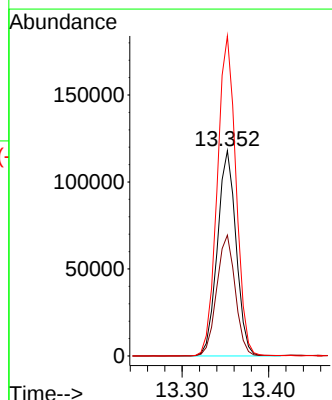
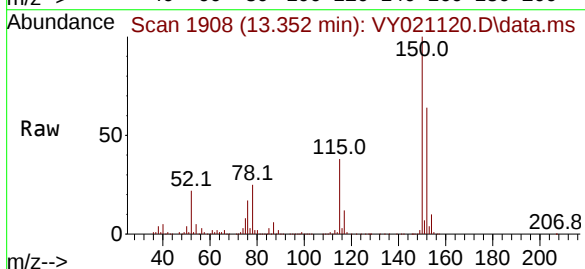
Tgt Ion:152 Resp: 177081

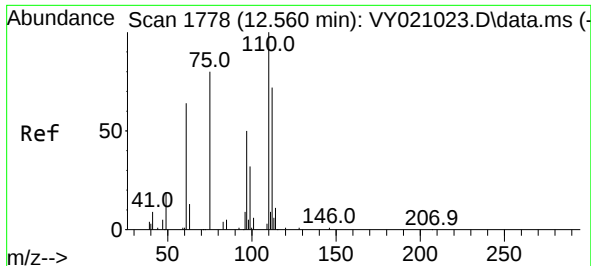
Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 155.9 0.0 344.6

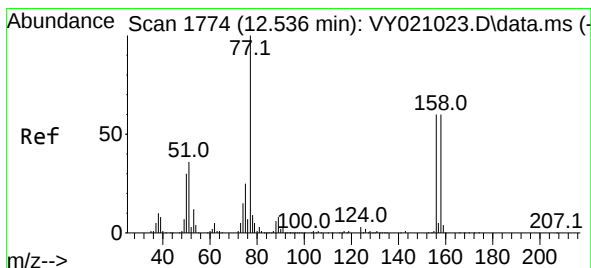
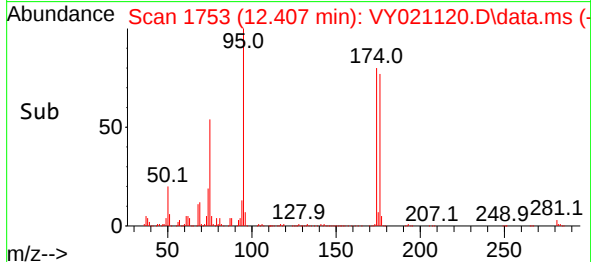
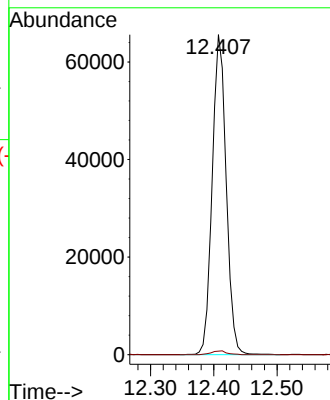
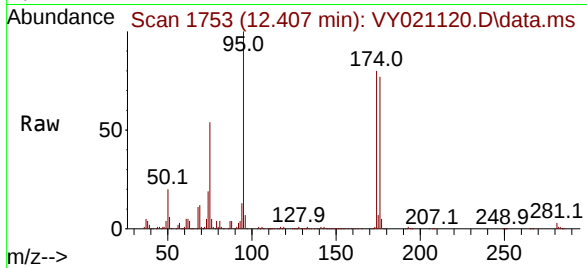




#76
1,2,3-Trichloropropane
Concen: 62.650 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

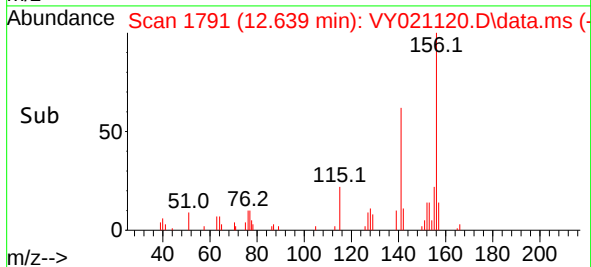
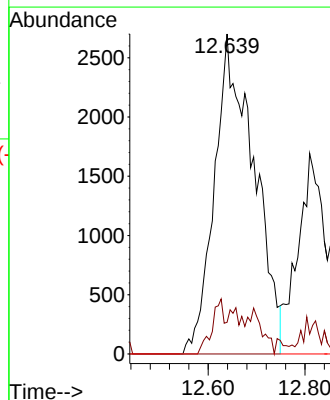
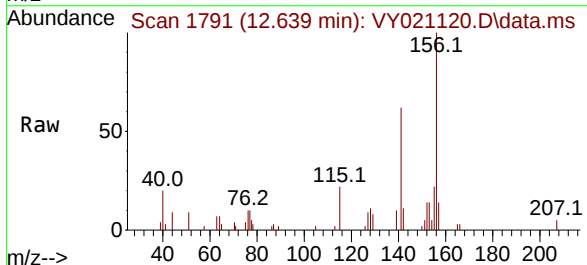
Instrument :
MSVOA_Y
ClientSampleId :

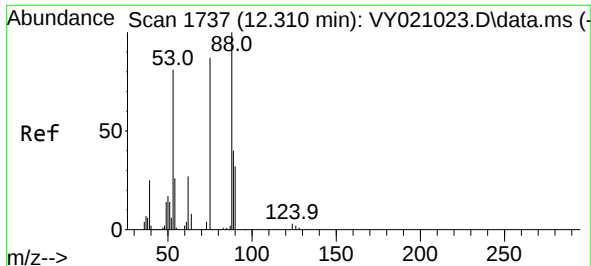
Tgt Ion: 75 Resp: 100637
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#77
Bromobenzene
Concen: 4.772 ug/l
RT: 12.639 min Scan# 1791
Delta R.T. 0.103 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion: 156 Resp: 15234
Ion Ratio Lower Upper
156 100
77 5.8 97.3 291.8#
158 0.0 48.4 145.0#

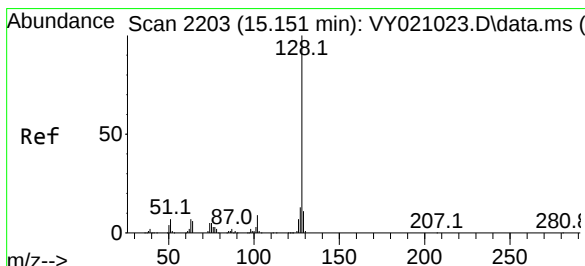
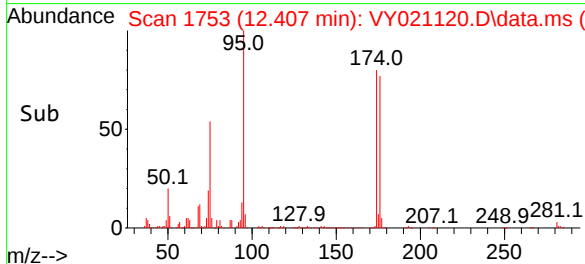
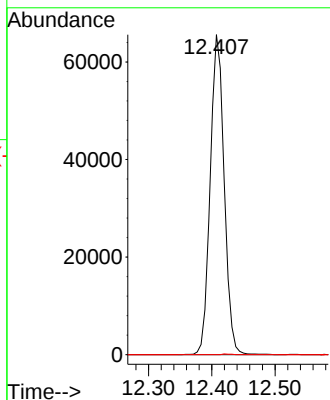
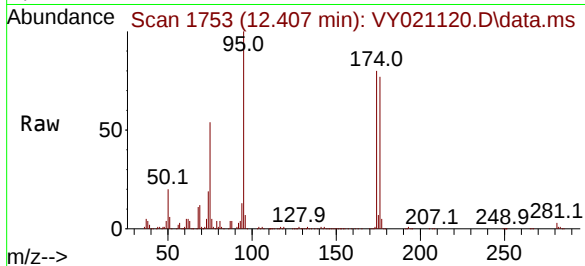




#81
trans-1,4-Dichloro-2-butene
Concen: 127.835 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100637
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 15.189 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion:128 Resp: 72361
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 12.8

