

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020895.D
 Acq On : 22 Jan 2025 11:49
 Operator : SY/MD
 Sample : Q1141-02RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.731	168	426283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	661676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	522051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	213965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	178483	49.260	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.658	113	188365	45.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.121	98	699565	48.410	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.420	95	208214	39.018	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.040%

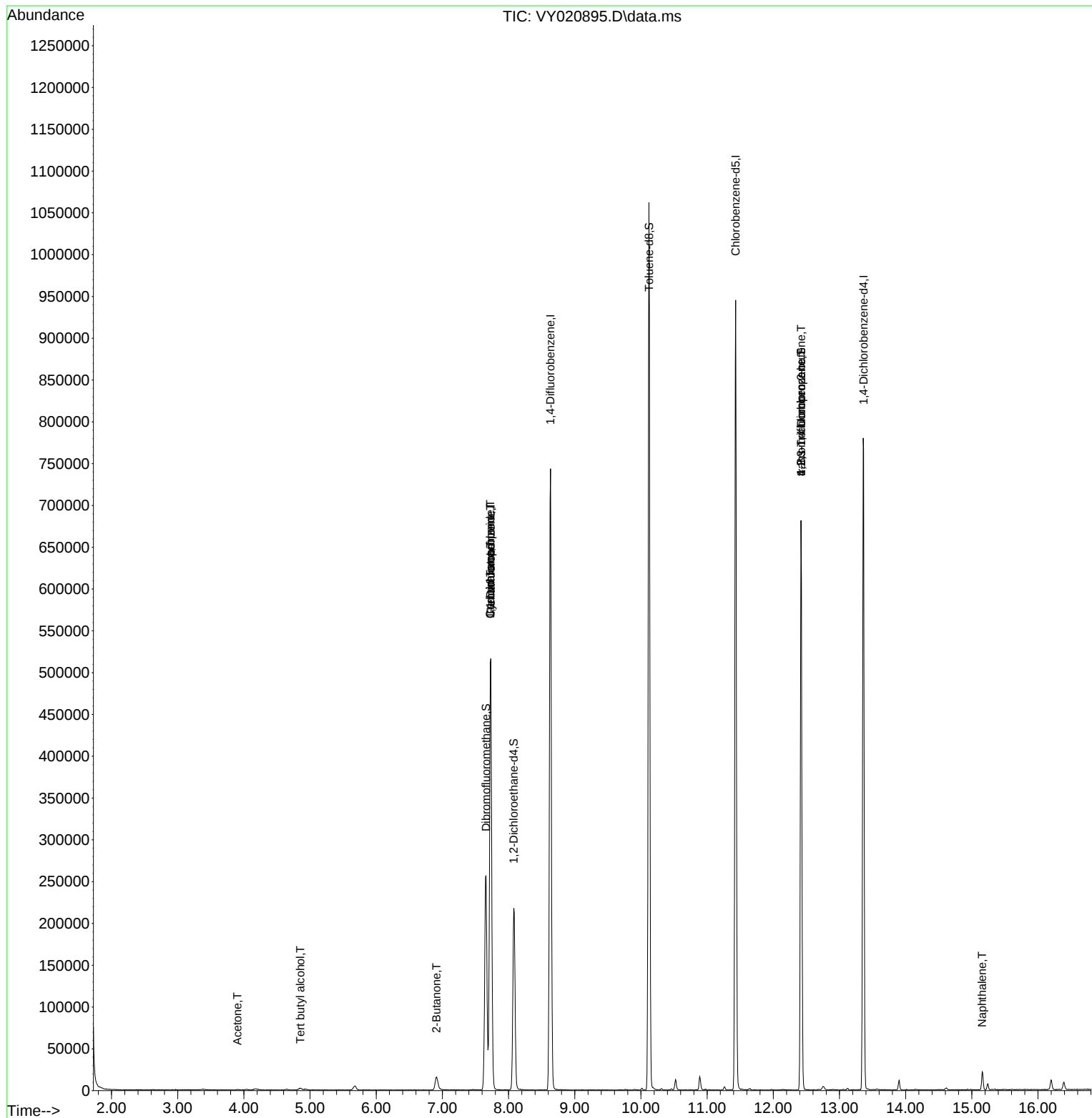
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	2368	8.649	ug/l #	73
16) Acetone	3.903	43	1018	1.976	ug/l #	72
25) 2-Butanone	6.908	43	967	1.143	ug/l #	45
31) Cyclohexane	7.725	56	7219	1.369	ug/l #	1
36) 1,1-Dichloropropene	7.725	75	28706	5.429	ug/l #	50
38) Carbon Tetrachloride	7.725	117	41307	5.612	ug/l #	16
76) 1,2,3-Trichloropropane	12.420	75	104810	55.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	104810	118.044	ug/l #	14
95) Naphthalene	15.157	128	17799	2.826	ug/l	98

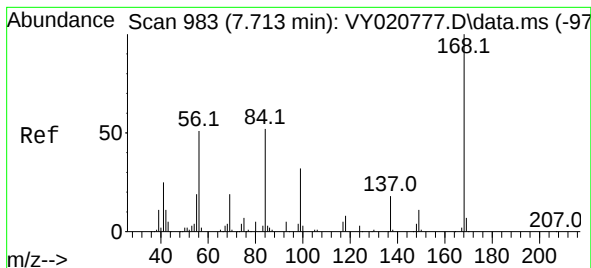
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020895.D
Acq On : 22 Jan 2025 11:49
Operator : SY/MD
Sample : Q1141-02RE
Misc : 4.99g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Jan 23 00:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.731 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

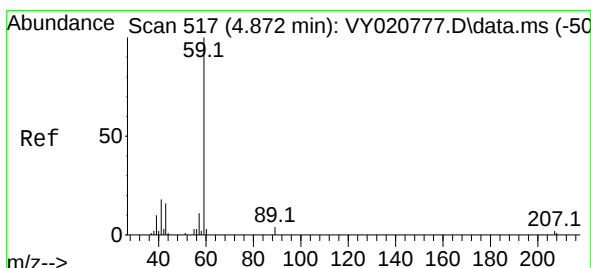
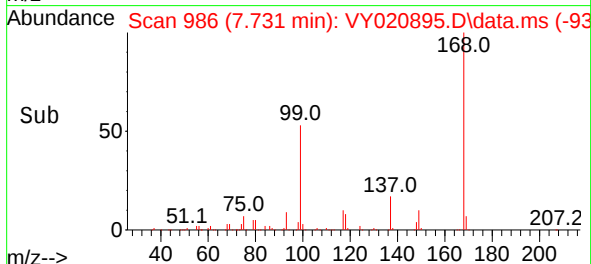
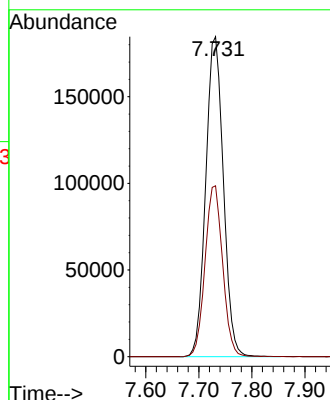
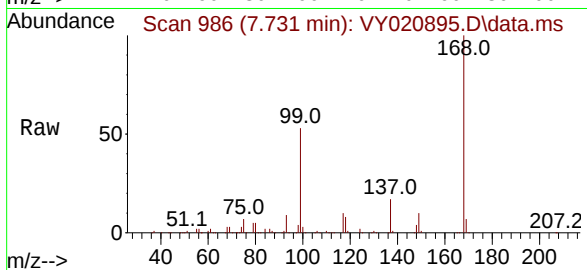
ClientSampleId :

Tgt Ion:168 Resp: 426283

Ion Ratio Lower Upper

168 100

99 53.4 44.3 66.5



#11

Tert butyl alcohol

Concen: 8.649 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.073 min

Lab File: VY020895.D

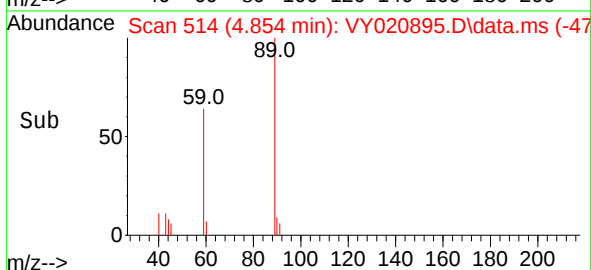
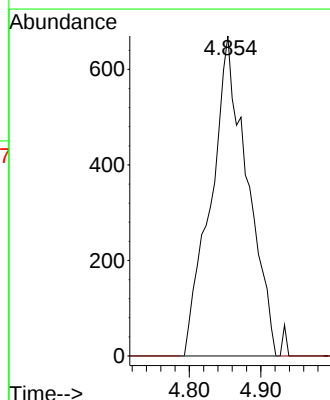
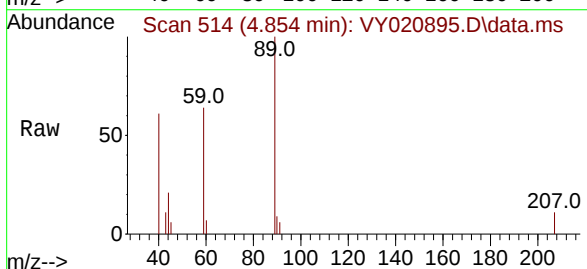
Acq: 22 Jan 2025 11:49

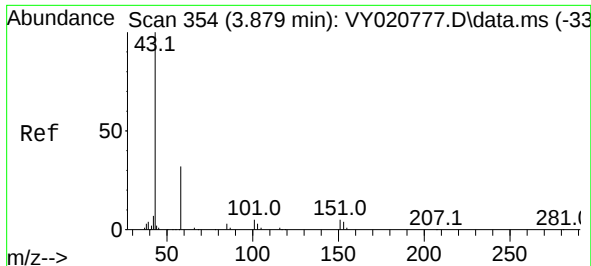
Tgt Ion: 59 Resp: 2368

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

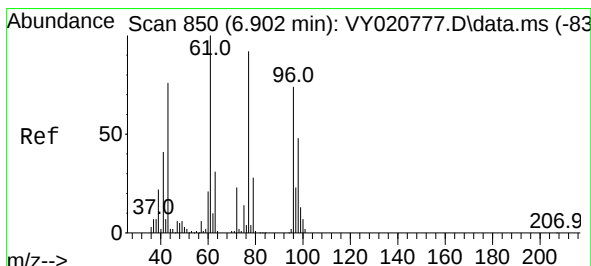
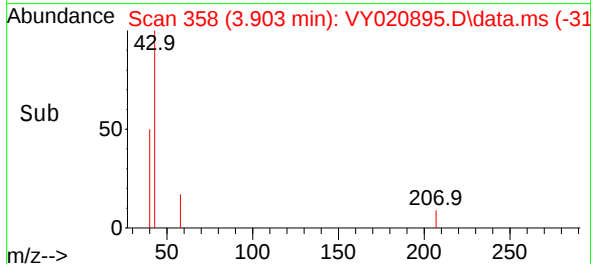
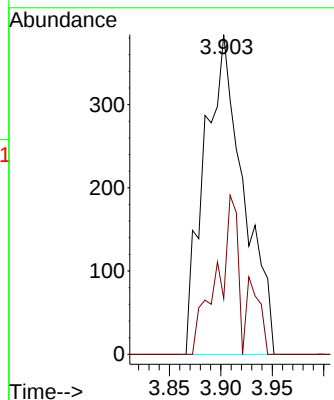
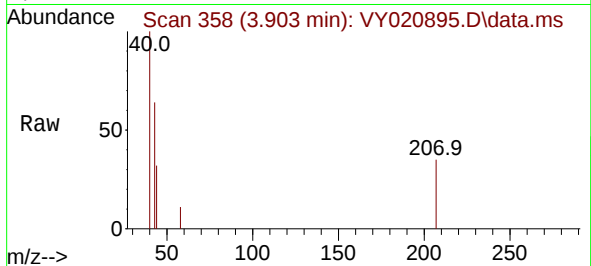




#16
Acetone
Concen: 1.976 ug/l
RT: 3.903 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

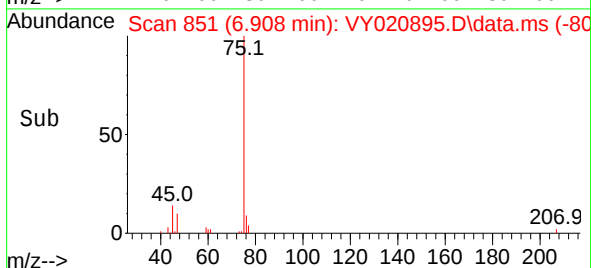
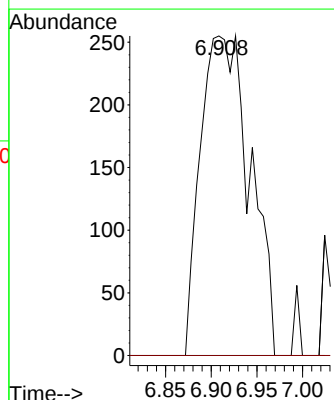
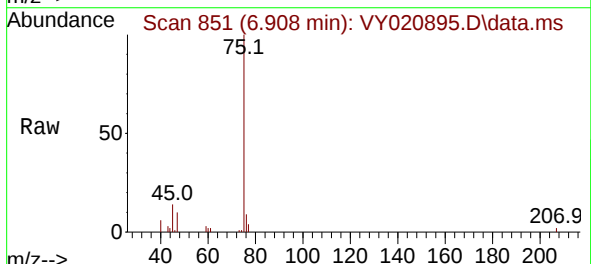
Instrument :
MSVOA_Y
ClientSampleId :

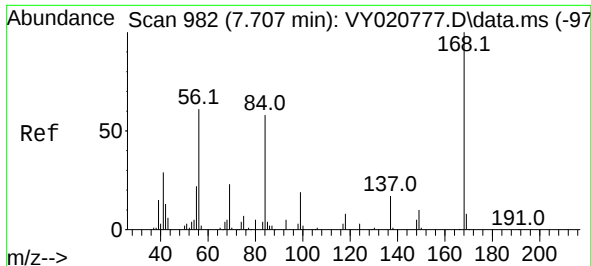
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 17.4 26.7 40.1#



#25
2-Butanone
Concen: 1.143 ug/l
RT: 6.908 min Scan# 851
Delta R.T. -0.024 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

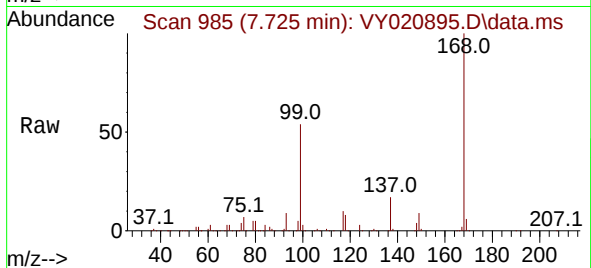
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



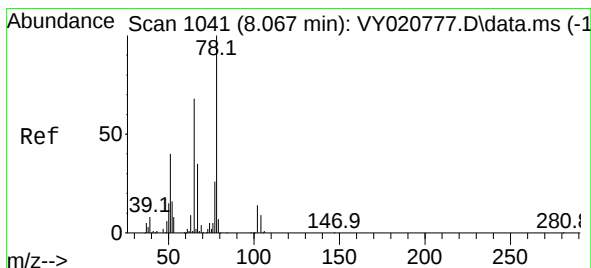
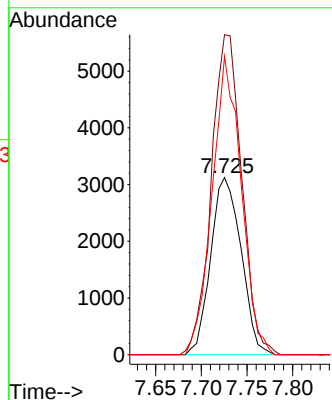
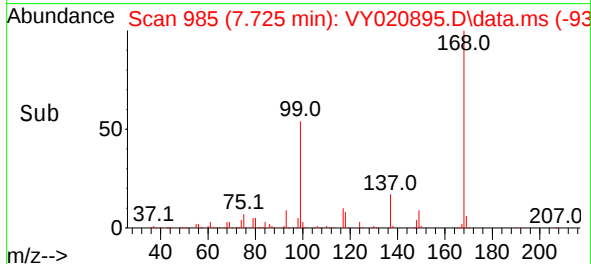


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

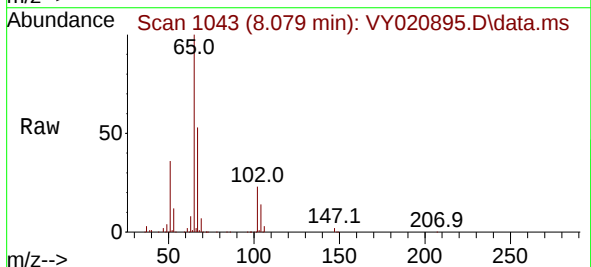
Instrument :
MSVOA_Y
ClientSampleId :



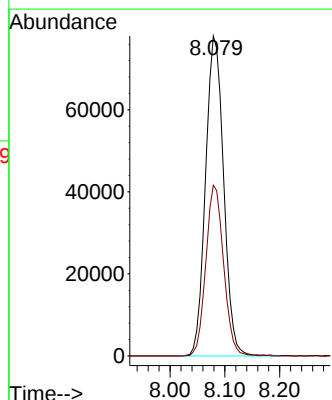
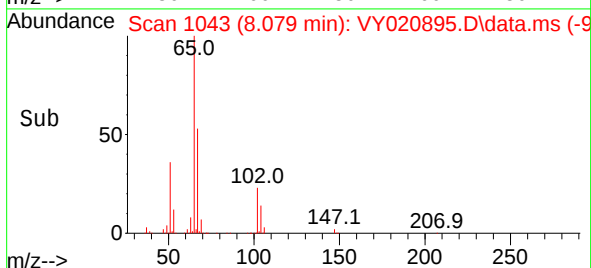
Tgt Ion: 56 Resp: 7219
Ion Ratio Lower Upper
56 100
69 180.6 30.5 45.7#
84 168.3 76.6 115.0#

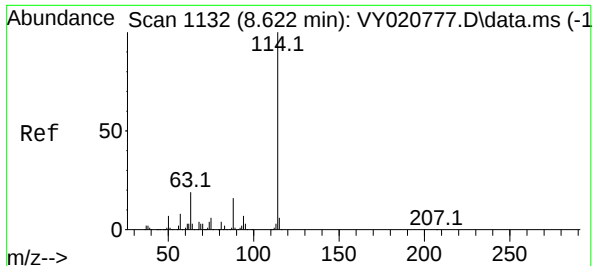


#33
1,2-Dichloroethane-d4
Concen: 49.260 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49



Tgt Ion: 65 Resp: 178483
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :

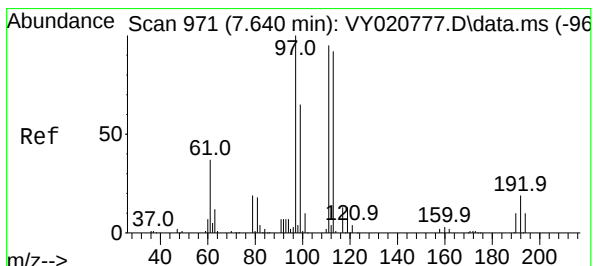
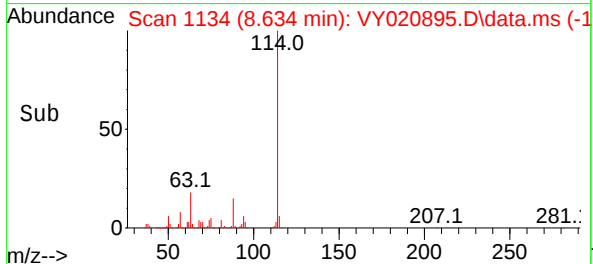
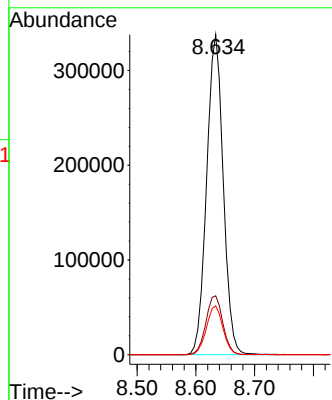
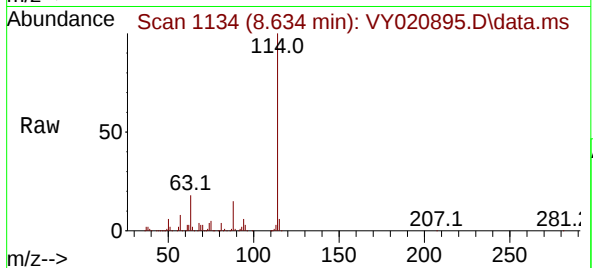
Tgt Ion:114 Resp: 661676

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 45.440 ug/l

RT: 7.658 min Scan# 974

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

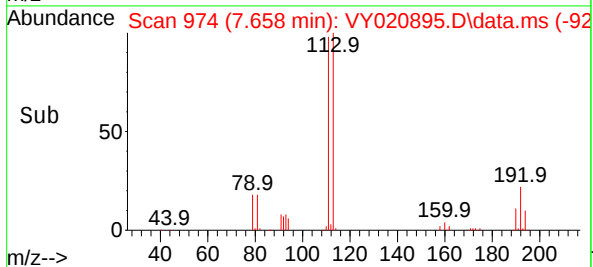
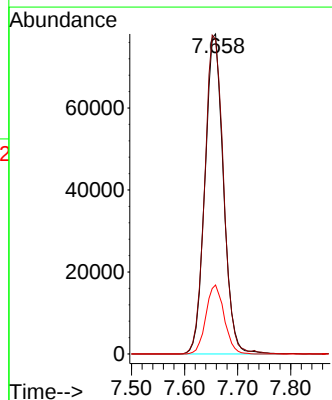
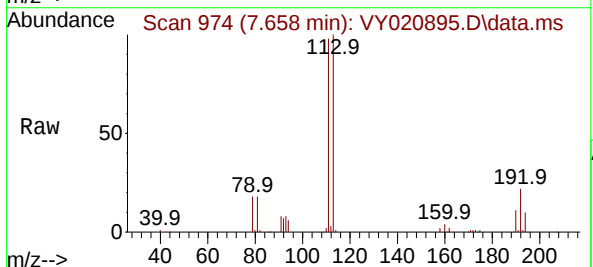
Tgt Ion:113 Resp: 188365

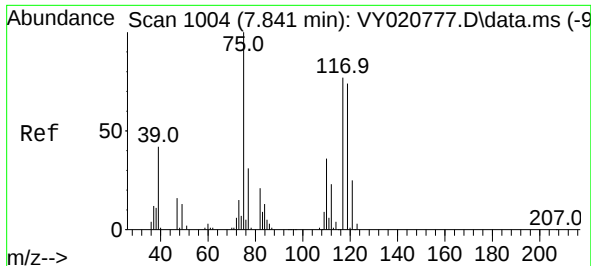
Ion Ratio Lower Upper

113 100

111 101.6 81.7 122.5

192 21.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.429 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.140 min

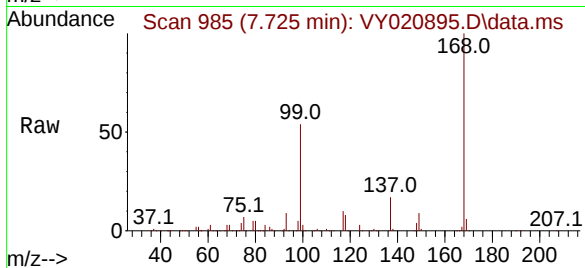
Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :



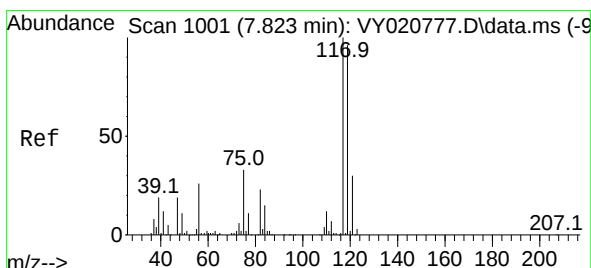
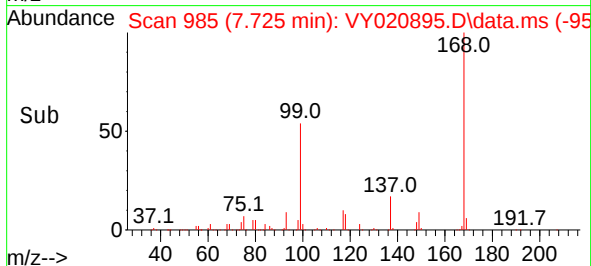
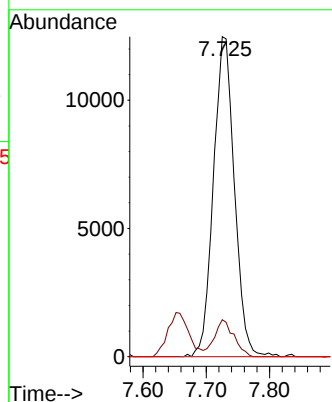
Tgt Ion: 75 Resp: 28706

Ion Ratio Lower Upper

75 100

110 10.7 18.5 55.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.122 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

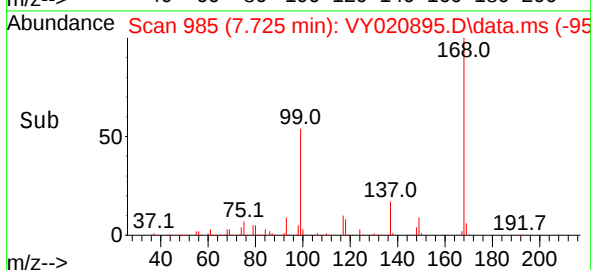
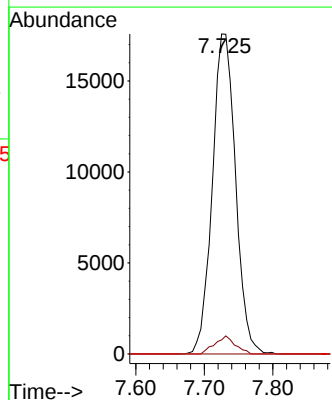
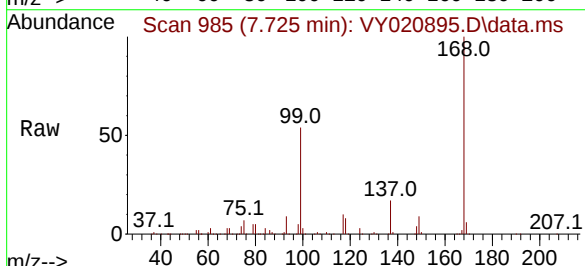
Tgt Ion:117 Resp: 41307

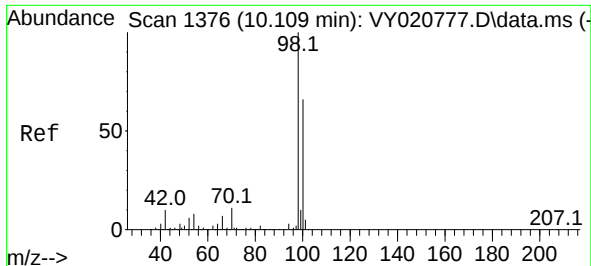
Ion Ratio Lower Upper

117 100

119 4.4 76.5 114.7#

121 0.0 24.3 36.5#

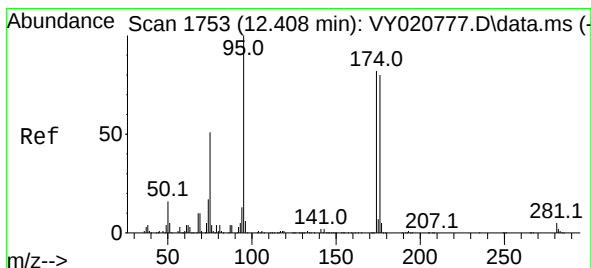
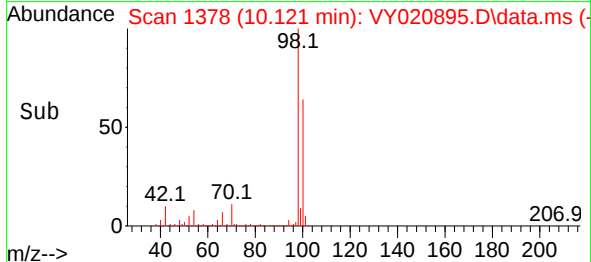
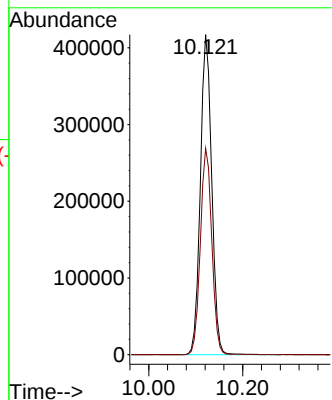
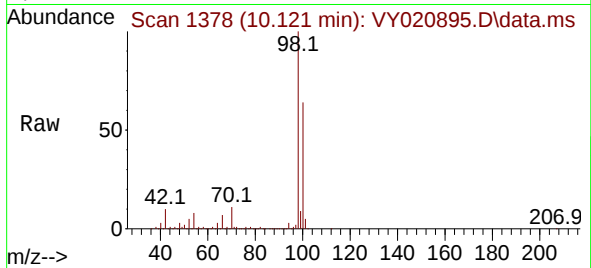




#50
Toluene-d8
Concen: 48.410 ug/l
RT: 10.121 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

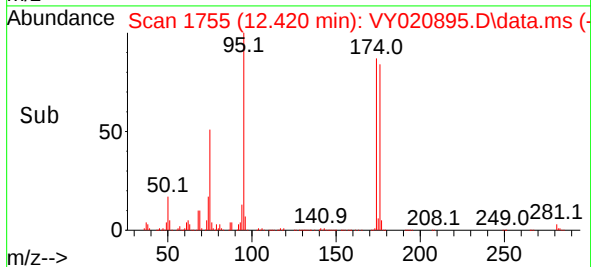
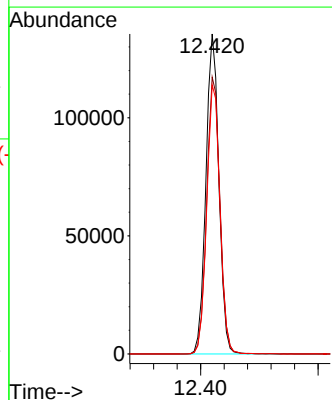
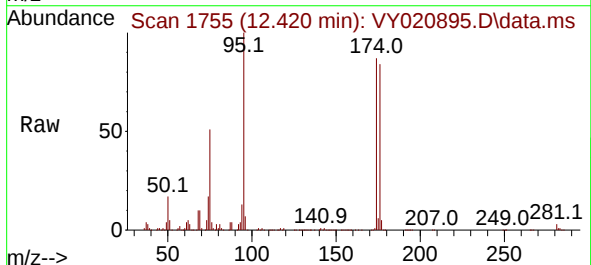
Instrument :
MSVOA_Y
ClientSampleId :

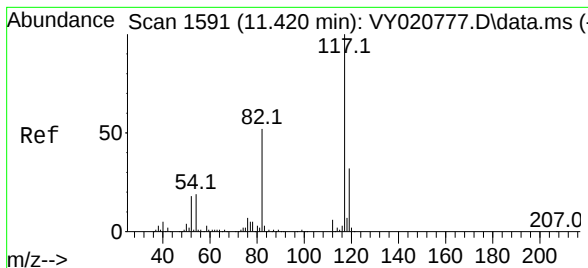
Tgt Ion: 98 Resp: 699565
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 39.018 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

Tgt Ion: 95 Resp: 208214
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.0
176 85.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1

Delta R.T. -0.006 min

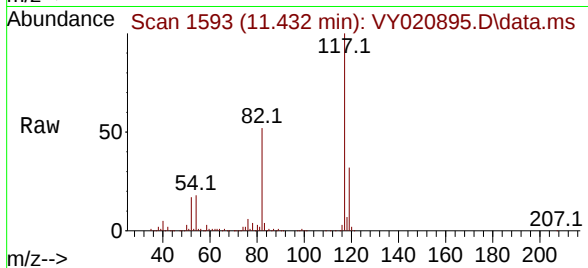
Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :



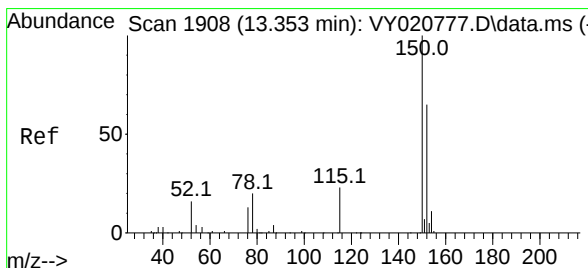
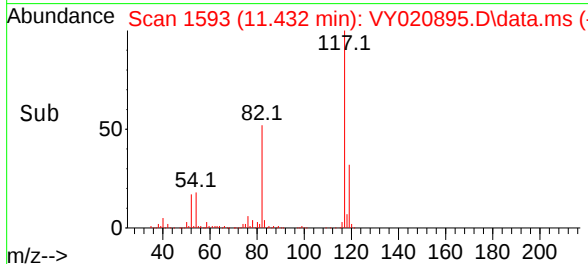
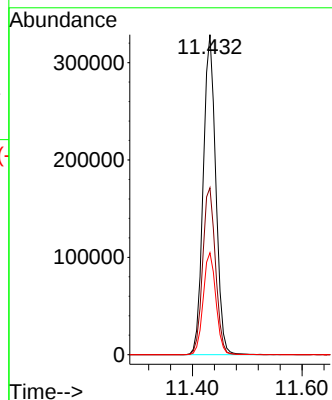
Tgt Ion:117 Resp: 522051

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

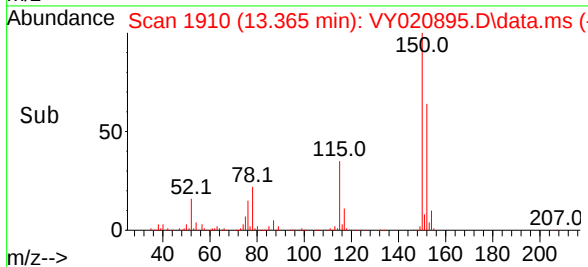
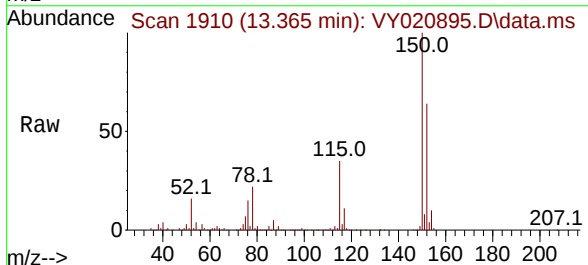
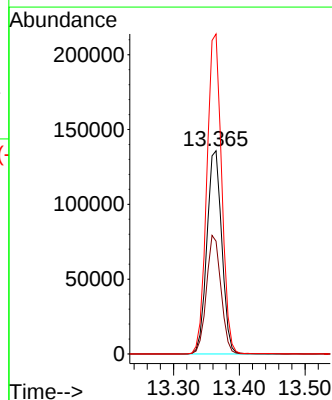
Tgt Ion:152 Resp: 213965

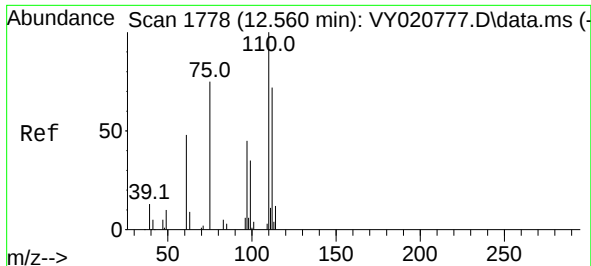
Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

150 157.1 0.0 347.4

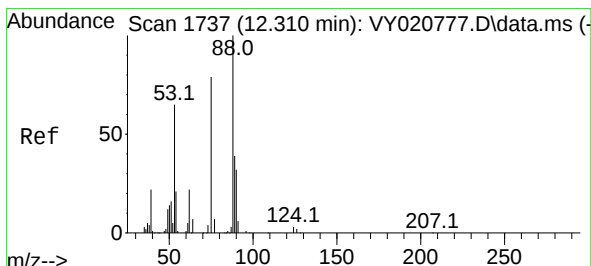
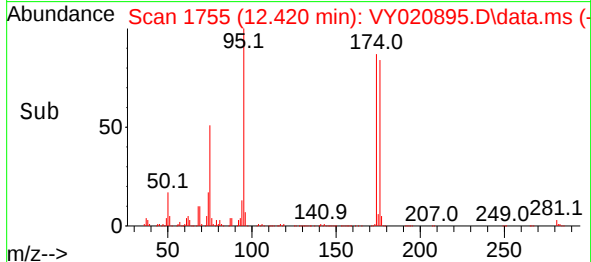
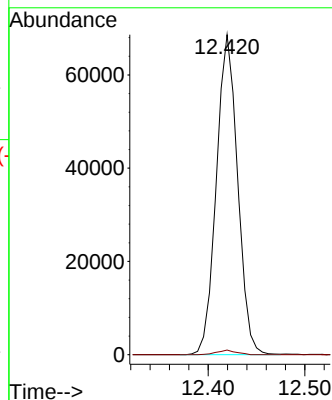
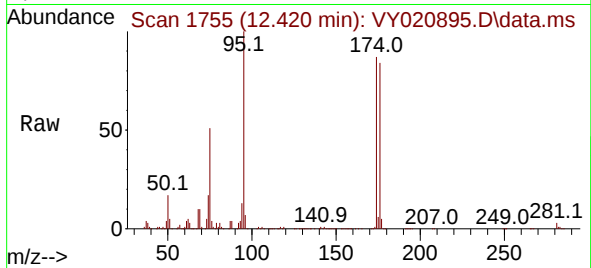




#76
1,2,3-Trichloropropane
Concen: 55.984 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.158 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

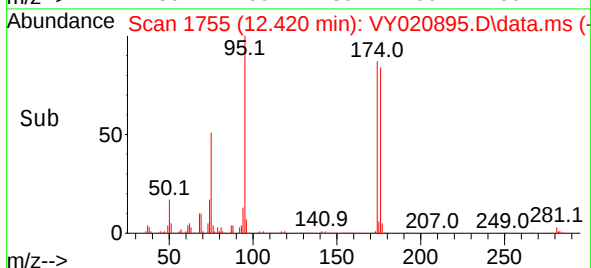
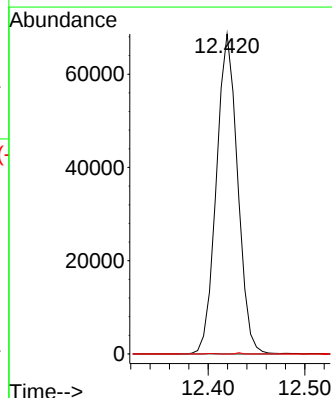
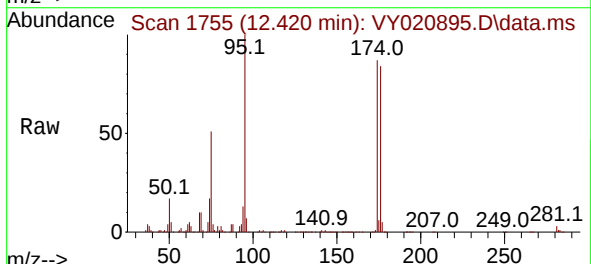
Instrument :
MSVOA_Y
ClientSampleId :

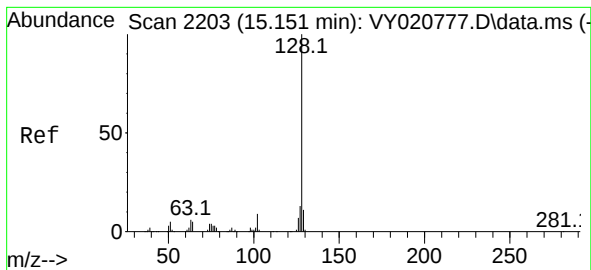
Tgt Ion: 75 Resp: 104810
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.044 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.091 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

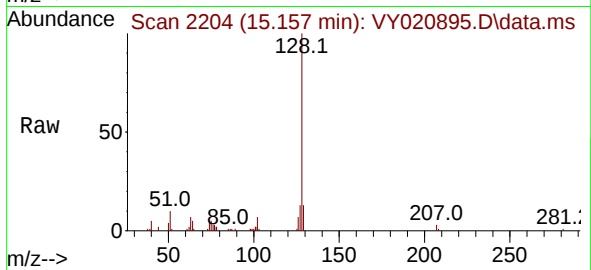
Tgt Ion: 75 Resp: 104810
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.1 39.6 59.4#





#95
Naphthalene
Concen: 2.826 ug/l
RT: 15.157 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	11.2	8.6	12.8

