

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020634.D
 Acq On : 18 Dec 2024 14:30
 Operator : SY/MD
 Sample : P5312-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:48:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

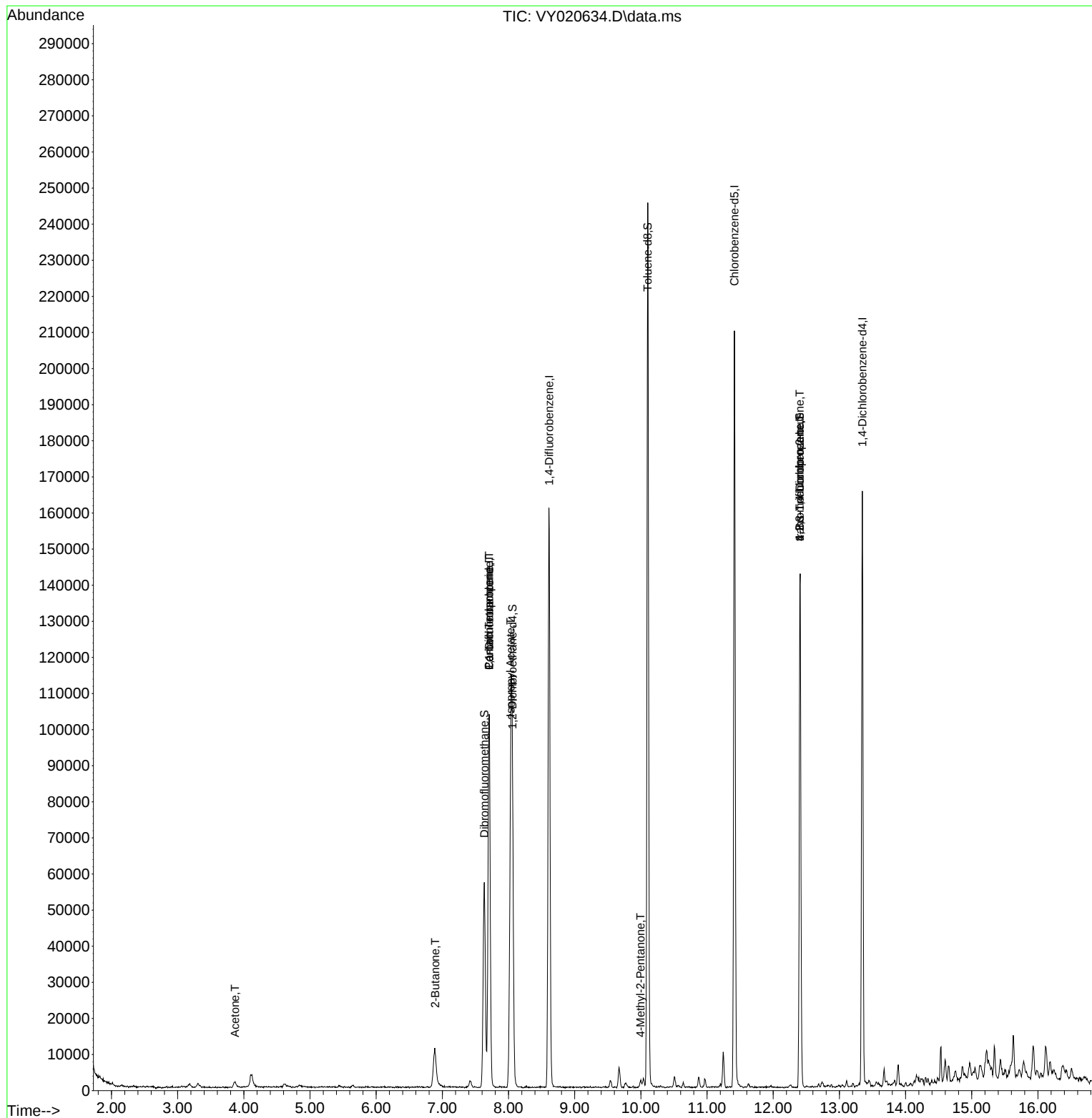
Internal Standards						
1) Pentafluorobenzene	7.707	168	79481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	134314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	106613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	43438	49.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.800%
35) Dibromofluoromethane	7.634	113	39741	41.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.960%
50) Toluene-d8	10.103	98	155602	46.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.401	95	44258	34.148	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	446	Below Cal	#	75
16) Acetone	3.866	43	2895	10.576	ug/l	98
25) 2-Butanone	6.890	43	1174	3.629	ug/l	94
30) Chloroform	7.427	83	1737	Below Cal	#	73
36) 1,1-Dichloropropene	7.707	75	6826	3.955	ug/l	# 51
38) Carbon Tetrachloride	7.707	117	8461	4.430	ug/l	# 16
43) Isopropyl Acetate	8.030	43	2270	1.477	ug/l	# 6
51) 4-Methyl-2-Pentanone	9.993	43	1729	2.131	ug/l	91
76) 1,2,3-Trichloropropane	12.401	75	23711	56.346	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	23711	118.273	ug/l	# 12

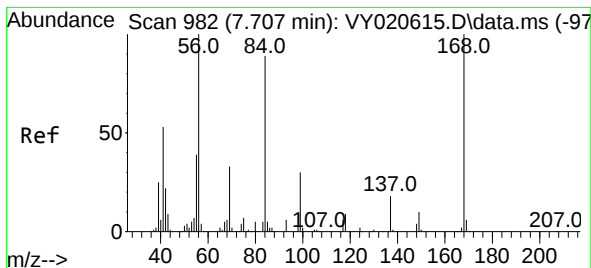
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020634.D
Acq On : 18 Dec 2024 14:30
Operator : SY/MD
Sample : P5312-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 02:48:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

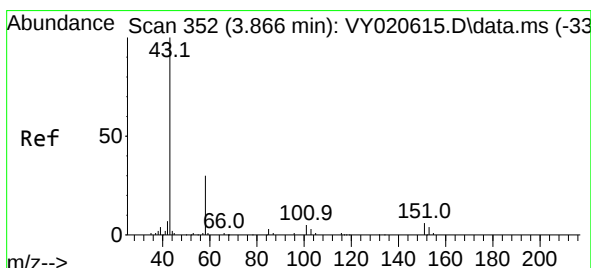
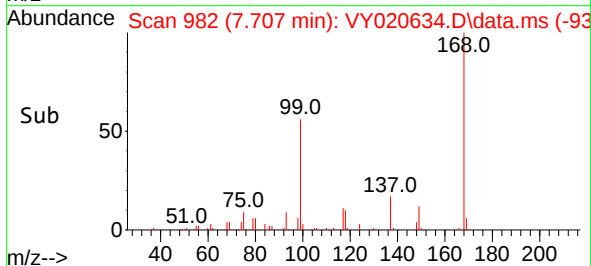
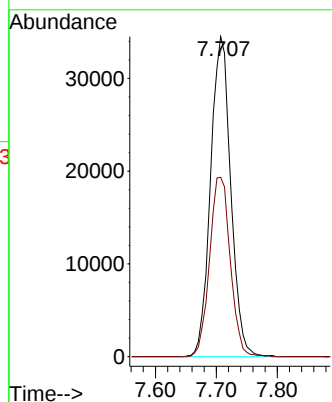
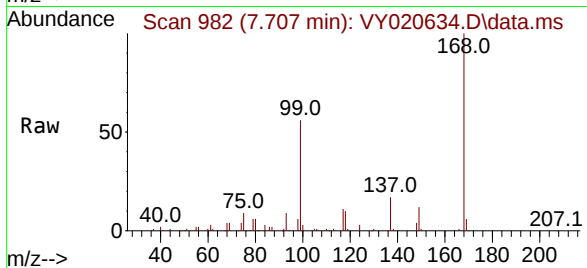
ClientSampleId :

Tgt Ion:168 Resp: 79481

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.6



#16

Acetone

Concen: 10.576 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY020634.D

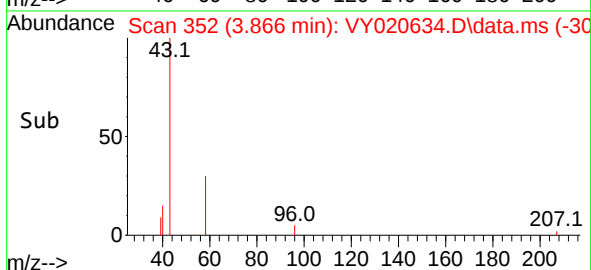
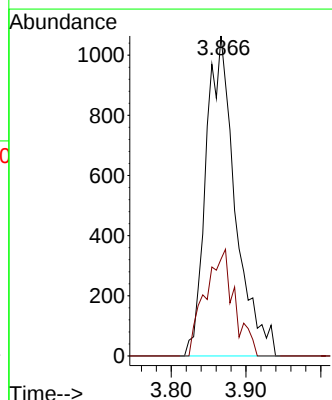
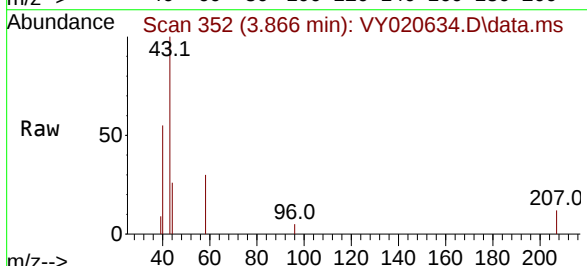
Acq: 18 Dec 2024 14:30

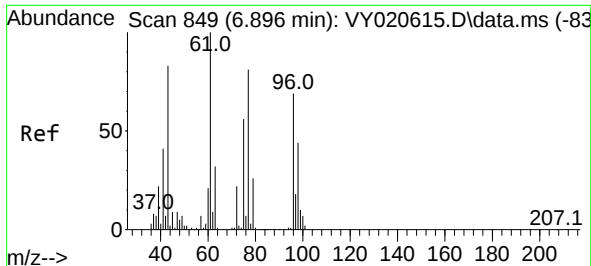
Tgt Ion: 43 Resp: 2895

Ion Ratio Lower Upper

43 100

58 30.3 25.0 37.6





#25

2-Butanone

Concen: 3.629 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

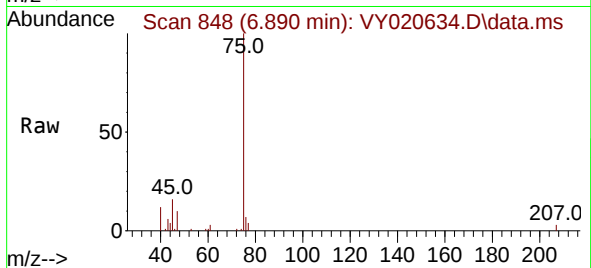
Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

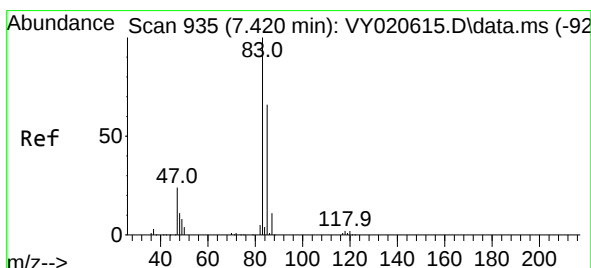
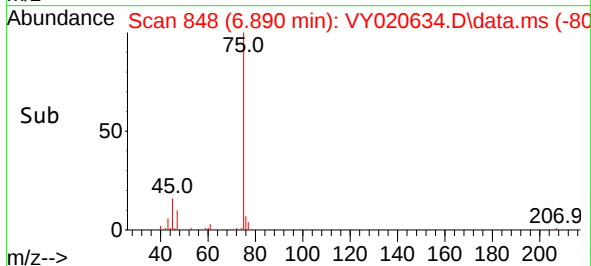
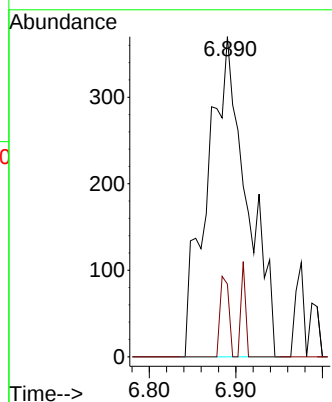


Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

43 100

72 22.7 20.6 31.0



#30

Chloroform

Concen: Below Cal

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020634.D

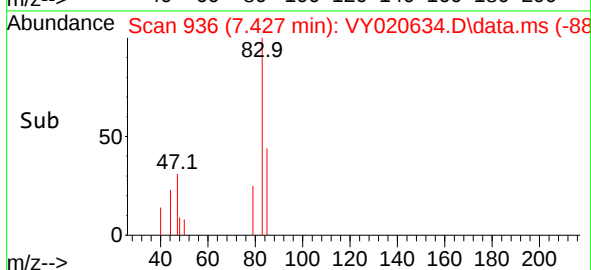
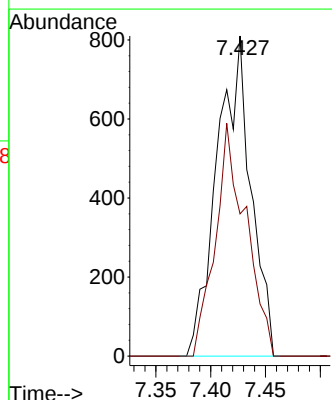
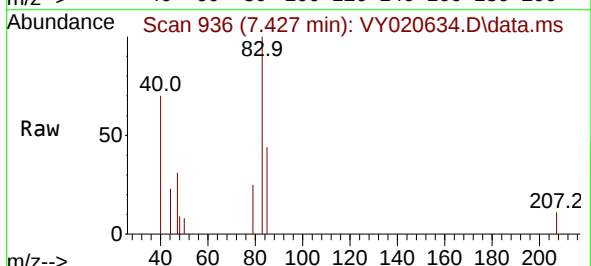
Acq: 18 Dec 2024 14:30

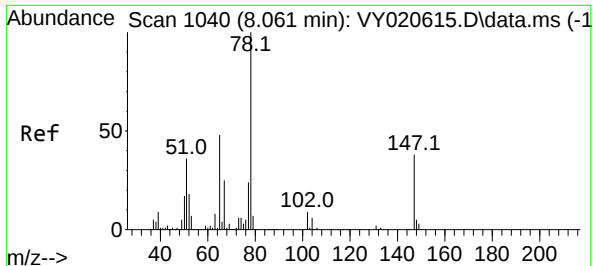
Tgt Ion: 83 Resp: 1737

Ion Ratio Lower Upper

83 100

85 44.4 52.7 79.1#





#33

1,2-Dichloroethane-d4

Concen: 49.901 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

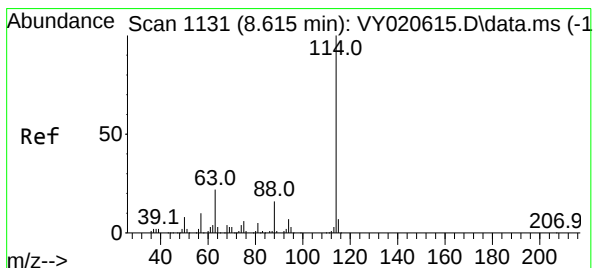
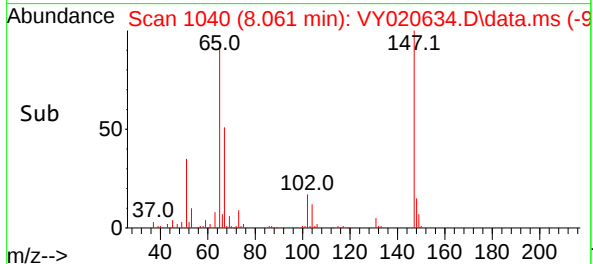
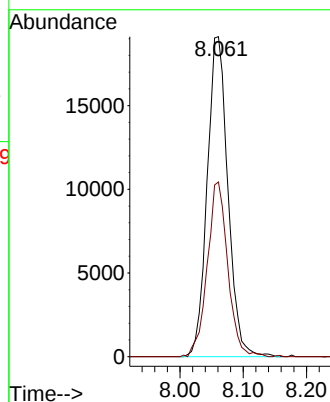
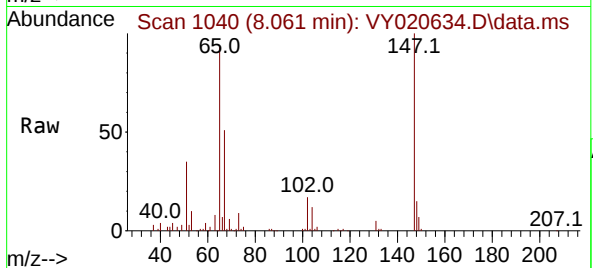
ClientSampleId :

Tgt Ion: 65 Resp: 43438

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

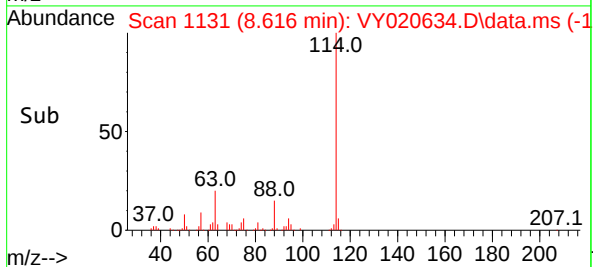
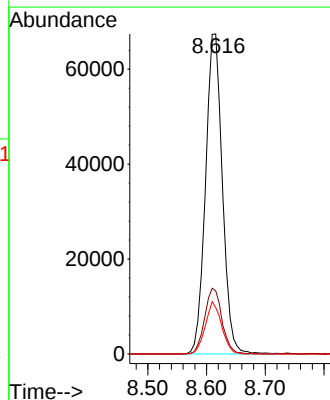
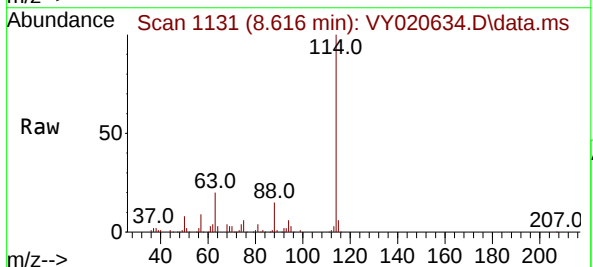
Tgt Ion: 114 Resp: 134314

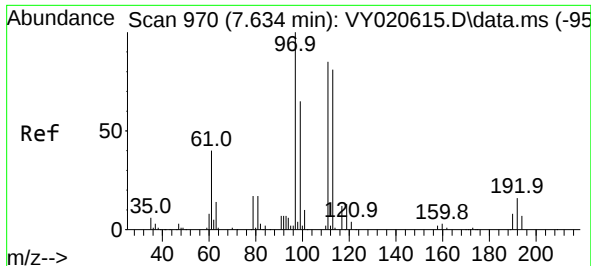
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.0

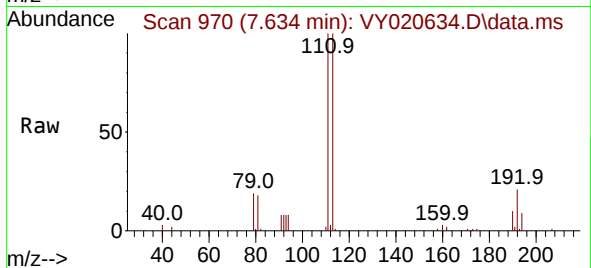
88 14.5 0.0 32.8



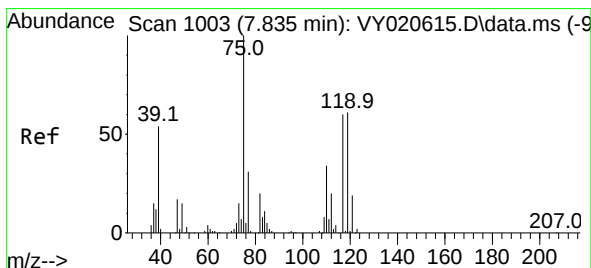
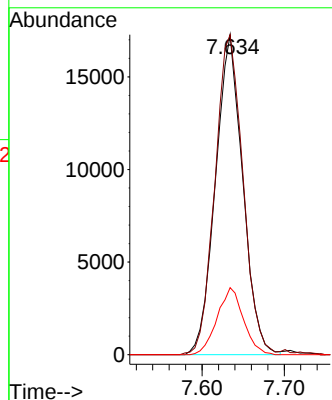
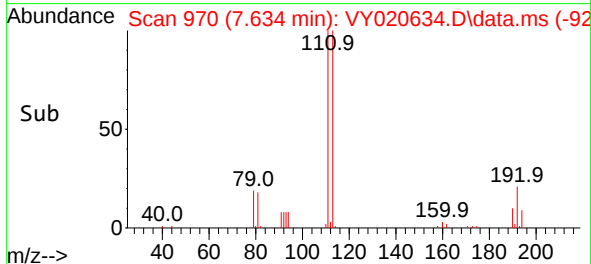


#35
Dibromofluoromethane
Concen: 41.982 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

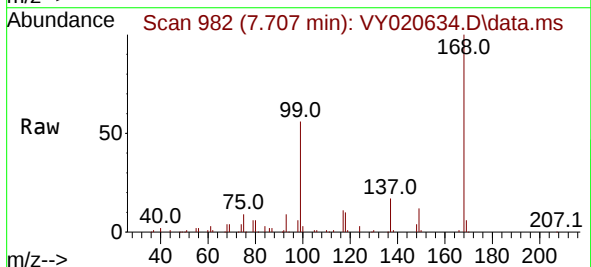
Instrument :
MSVOA_Y
ClientSampleId :



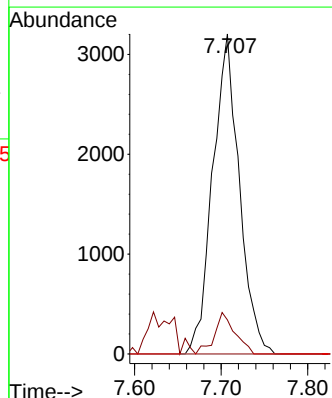
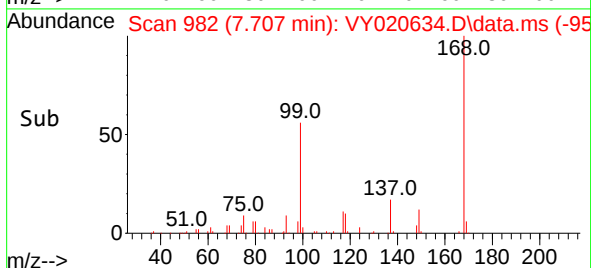
Tgt Ion:113 Resp: 39741
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 20.2 15.7 23.5

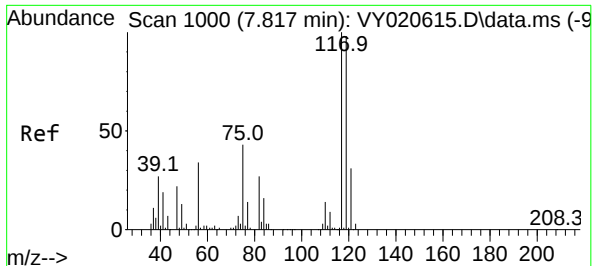


#36
1,1-Dichloropropene
Concen: 3.955 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30



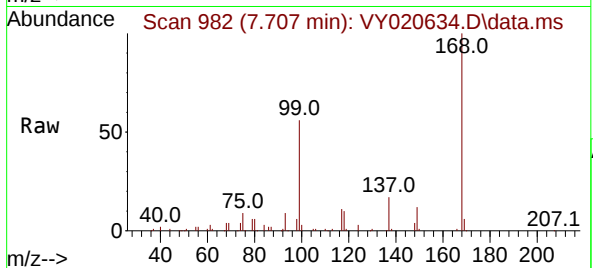
Tgt Ion: 75 Resp: 6826
Ion Ratio Lower Upper
75 100
110 10.0 16.8 50.4#
77 0.0 25.0 37.6#



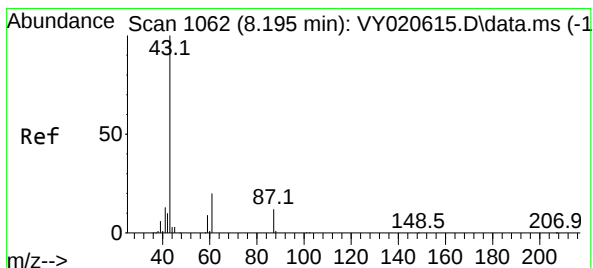
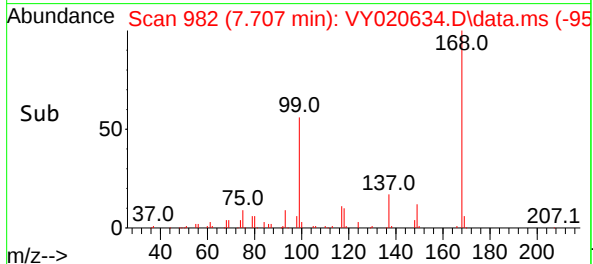
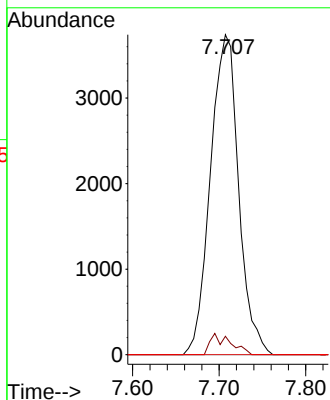


#38
Carbon Tetrachloride
Concen: 4.430 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :

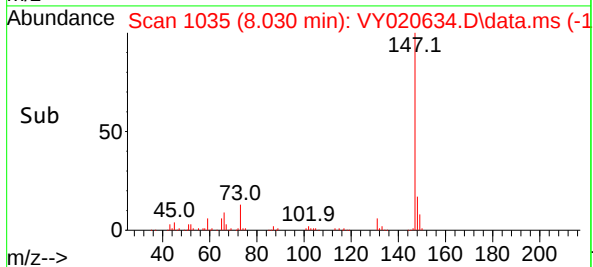
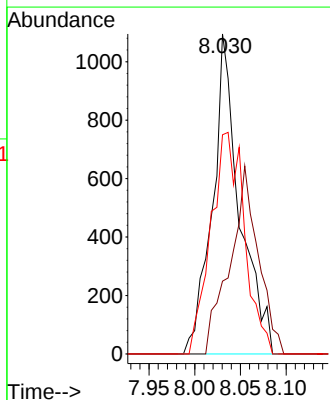
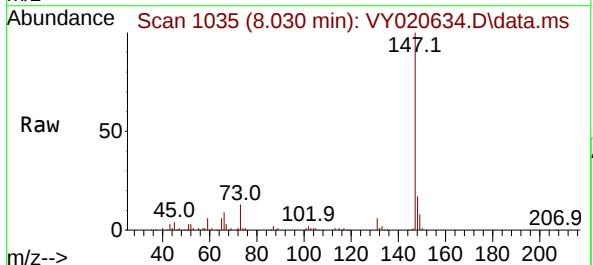


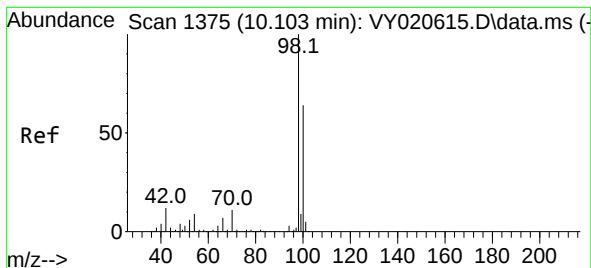
Tgt Ion:117 Resp: 8461
Ion Ratio Lower Upper
117 100
119 5.7 78.3 117.5#
121 0.0 25.1 37.7#



#43
Isopropyl Acetate
Concen: 1.477 ug/l
RT: 8.030 min Scan# 1035
Delta R.T. -0.164 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.6#
87 85.3 10.2 15.4#





#50

Toluene-d8

Concen: 46.963 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

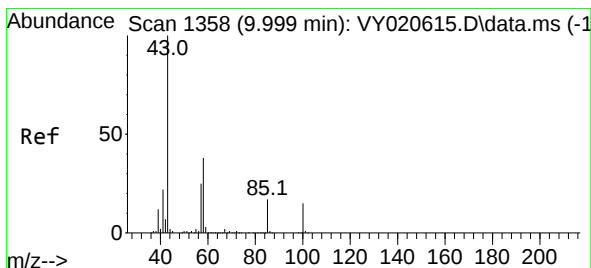
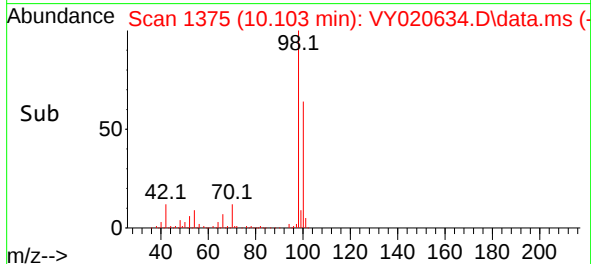
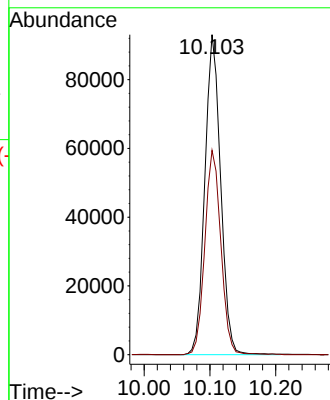
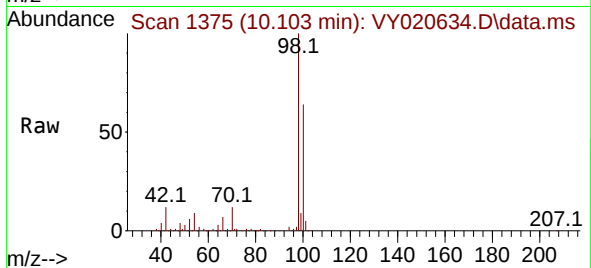
ClientSampleId :

Tgt Ion: 98 Resp: 155602

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 2.131 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020634.D

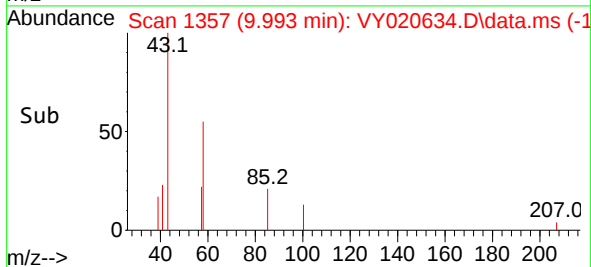
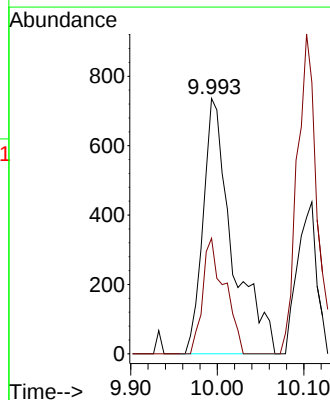
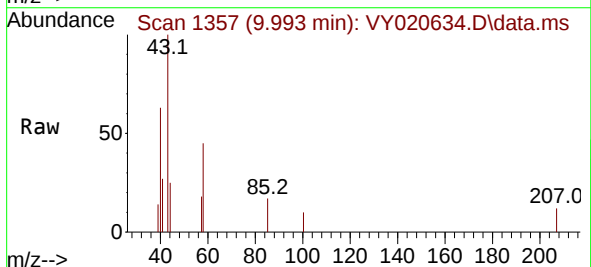
Acq: 18 Dec 2024 14:30

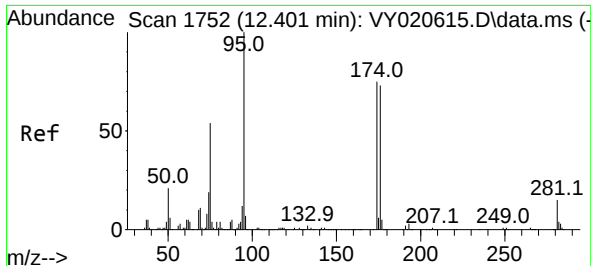
Tgt Ion: 43 Resp: 1729

Ion Ratio Lower Upper

43 100

58 34.1 31.4 47.2





#62

4-Bromofluorobenzene

Concen: 34.148 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

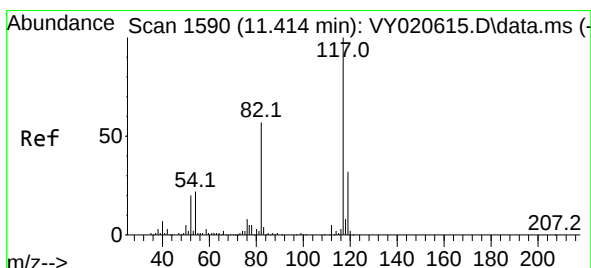
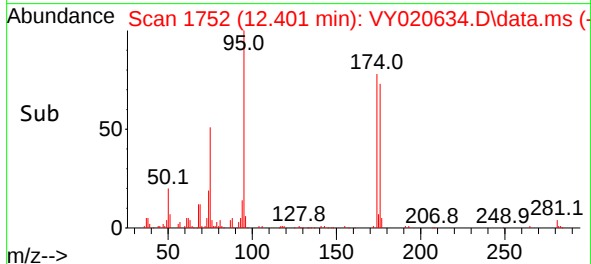
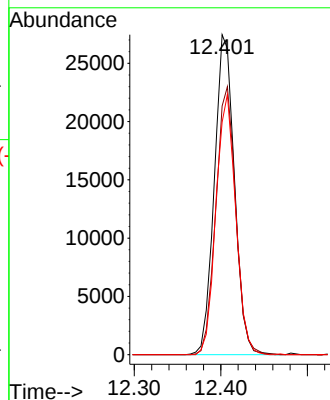
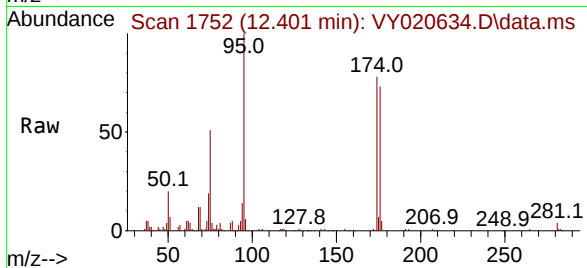
Tgt Ion: 95 Resp: 44258

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.8

176 79.7 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

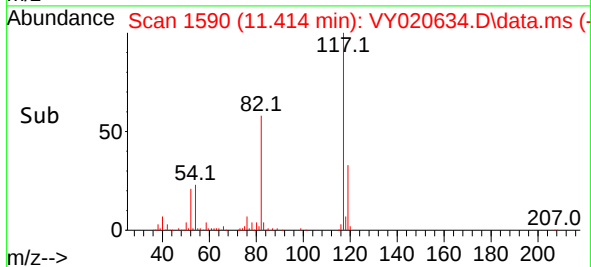
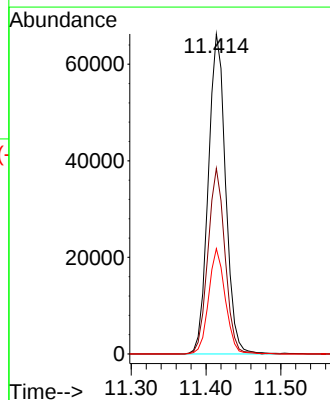
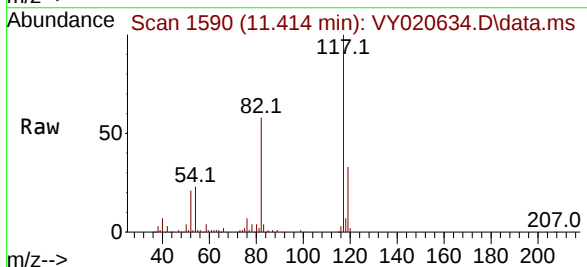
Tgt Ion: 117 Resp: 106613

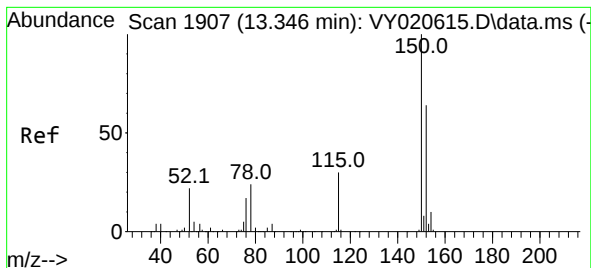
Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.6

119 32.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

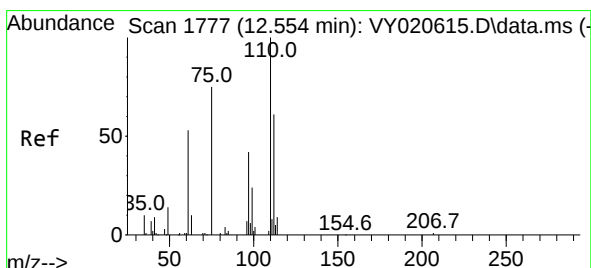
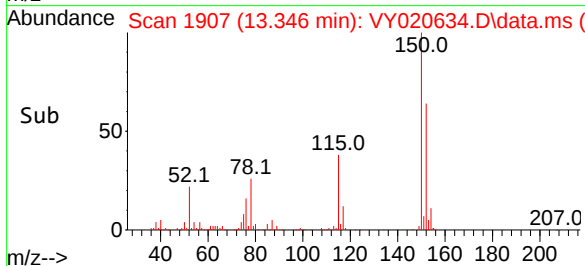
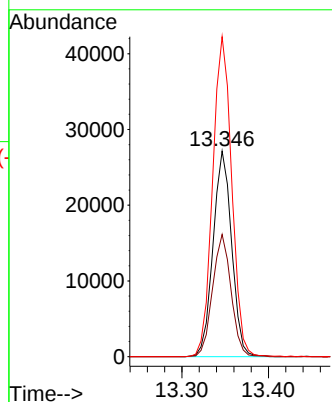
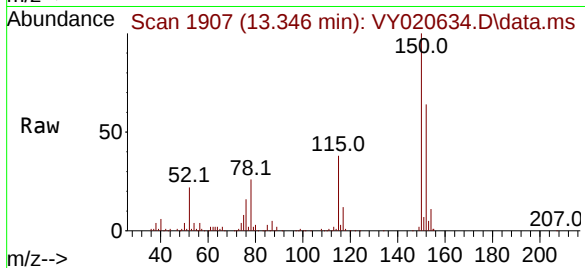
Tgt Ion:152 Resp: 40509

Ion Ratio Lower Upper

152 100

115 59.0 30.2 90.6

150 159.5 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 56.346 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY020634.D

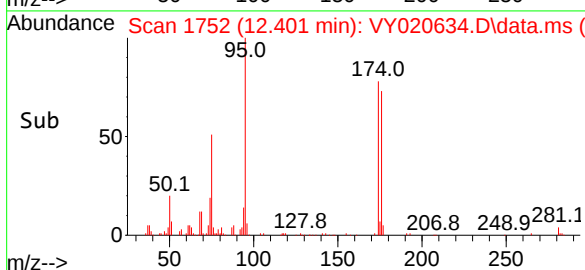
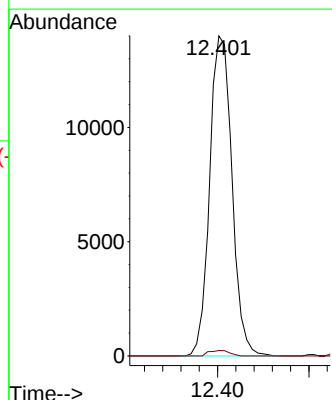
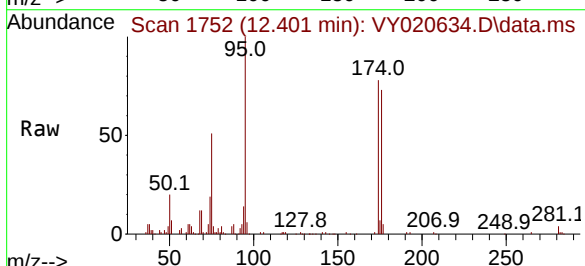
Acq: 18 Dec 2024 14:30

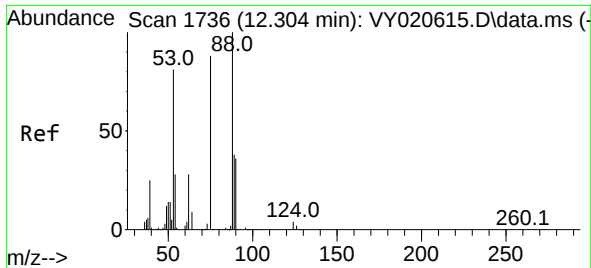
Tgt Ion: 75 Resp: 23711

Ion Ratio Lower Upper

75 100

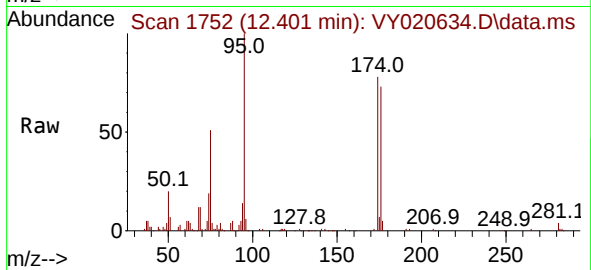
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.273 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.3	37.0	55.4#

