

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020554.D
 Acq On : 09 Dec 2024 14:53
 Operator : SY/MD
 Sample : P5216-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 04:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

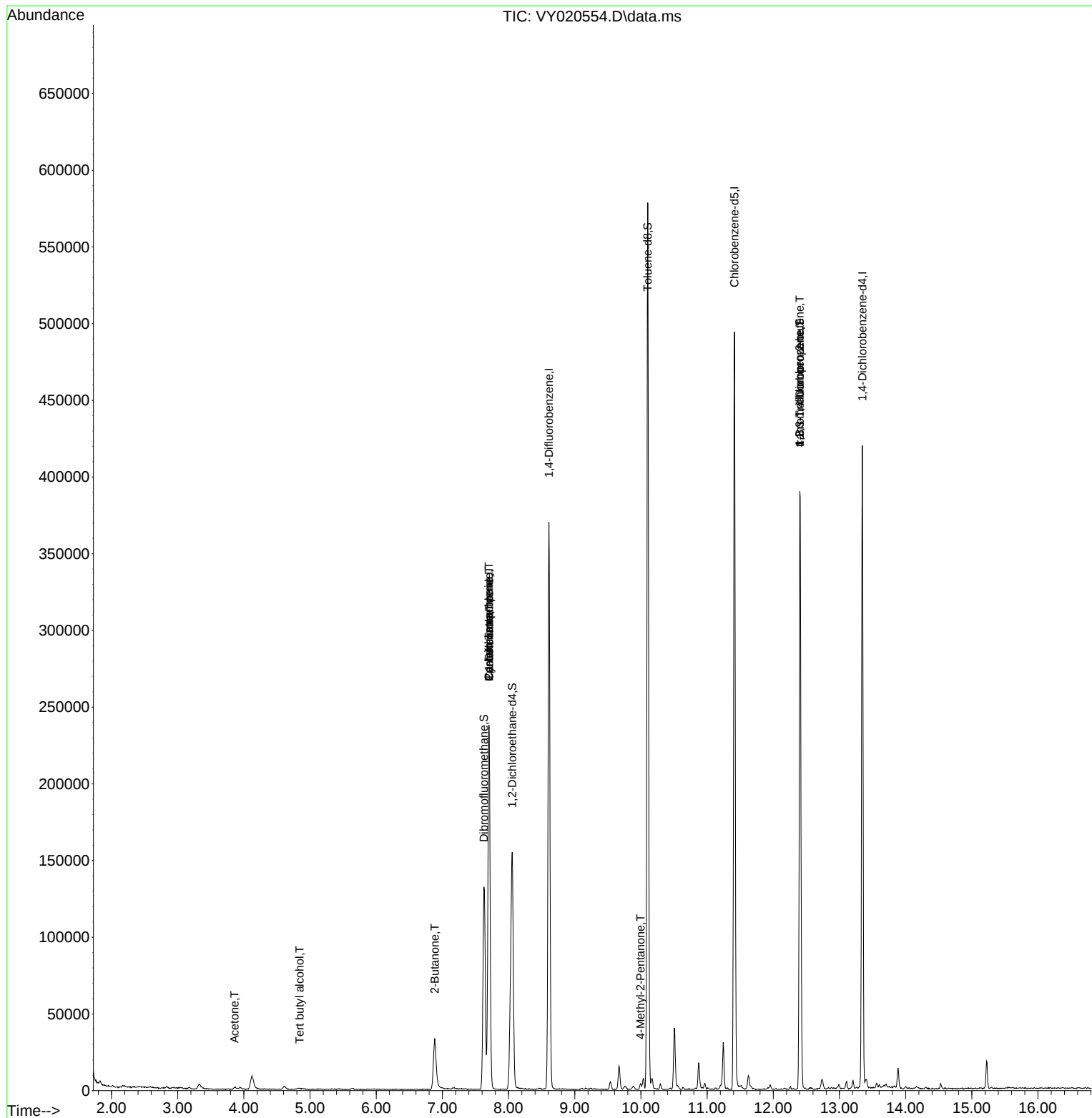
Internal Standards						
1) Pentafluorobenzene	7.707	168	183413	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	312922	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	262120	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	105013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	96974	51.987	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.980%			
35) Dibromofluoromethane	7.628	113	96857	49.166	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.340%			
50) Toluene-d8	10.103	98	372486	49.656	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.401	95	115475	44.014	ug/l	-0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 88.020%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	979	8.091	ug/l #	73
16) Acetone	3.860	43	2682	5.782	ug/l	89
25) 2-Butanone	6.884	43	2148	3.668	ug/l	92
31) Cyclohexane	7.707	56	3833	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	14909	4.482	ug/l #	51
38) Carbon Tetrachloride	7.701	117	18904	4.761	ug/l #	17
51) 4-Methyl-2-Pentanone	9.993	43	2804	2.133	ug/l #	87
76) 1,2,3-Trichloropropane	12.401	75	61590	57.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	61590	118.134	ug/l #	9

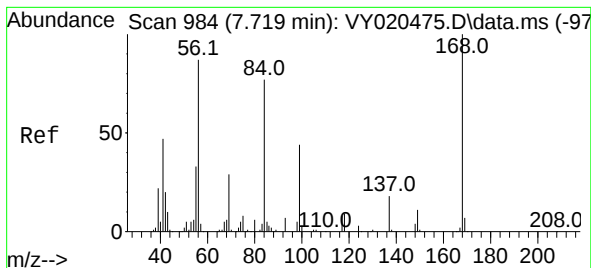
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY120924\
Data File : VY020554.D
Acq On : 09 Dec 2024 14:53
Operator : SY/MD
Sample : P5216-07
Misc : 5.06g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Dec 10 04:01:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

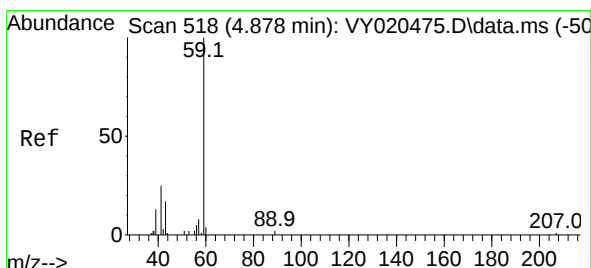
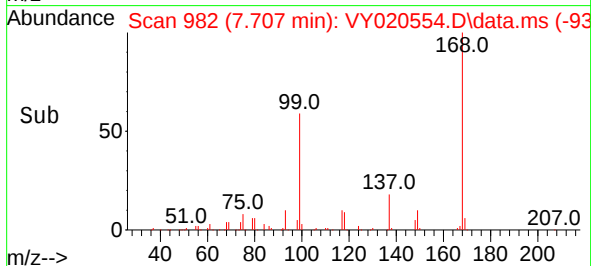
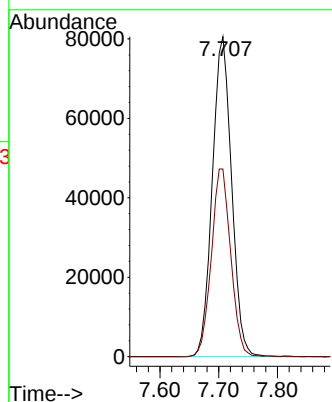
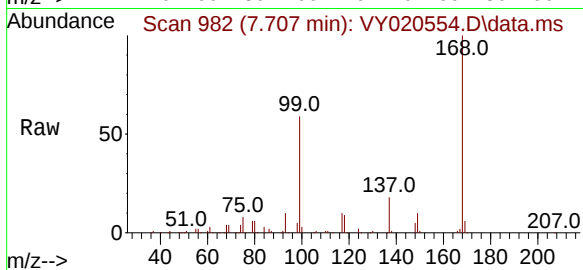
ClientSampleId :

Tgt Ion:168 Resp: 183413

Ion Ratio Lower Upper

168 100

99 58.7 46.6 69.8



#11

Tert butyl alcohol

Concen: 8.091 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.037 min

Lab File: VY020554.D

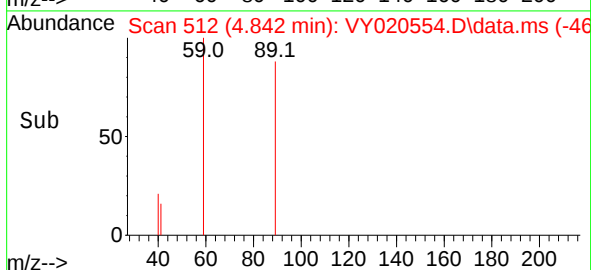
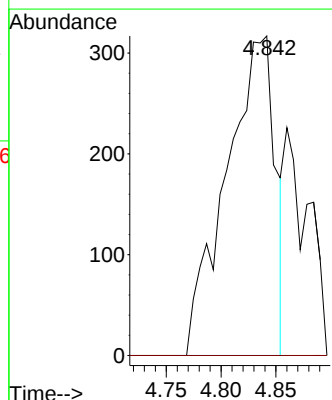
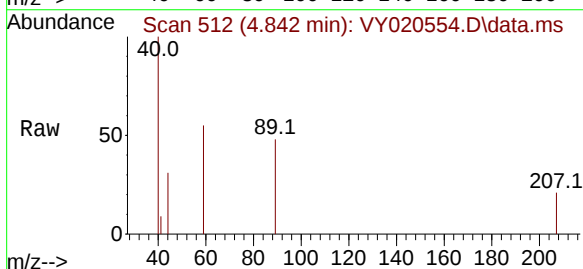
Acq: 09 Dec 2024 14:53

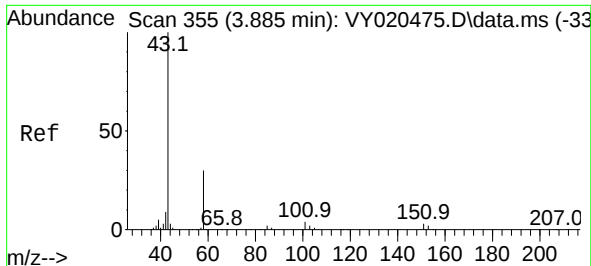
Tgt Ion: 59 Resp: 979

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 5.782 ug/l

RT: 3.860 min Scan# 351

Delta R.T. -0.025 min

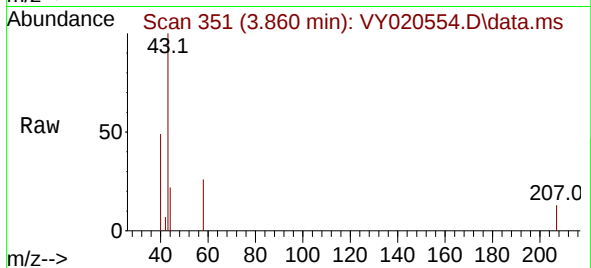
Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

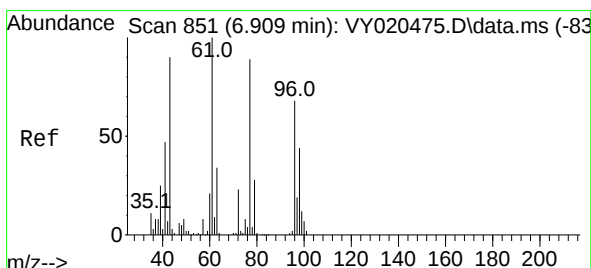
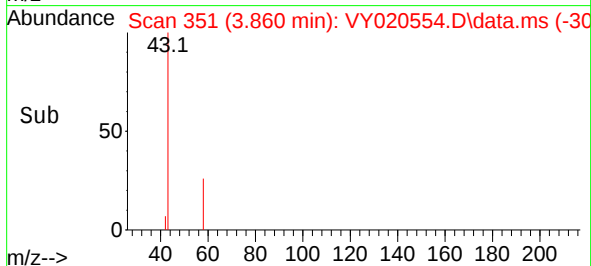
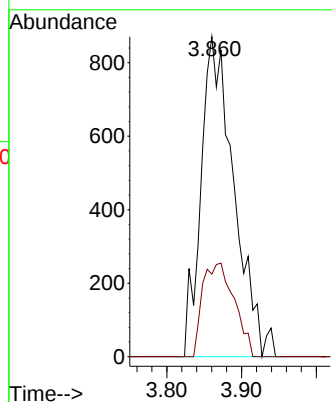


Tgt Ion: 43 Resp: 2682

Ion Ratio Lower Upper

43 100

58 25.8 25.7 38.5



#25

2-Butanone

Concen: 3.668 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.025 min

Lab File: VY020554.D

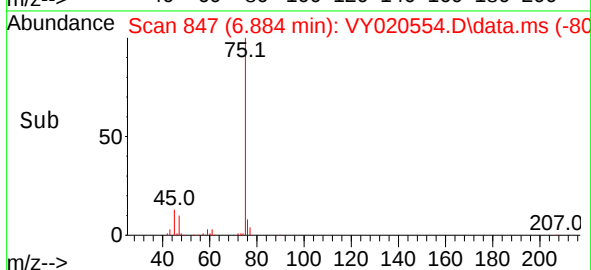
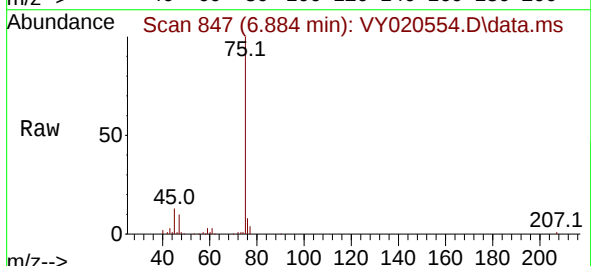
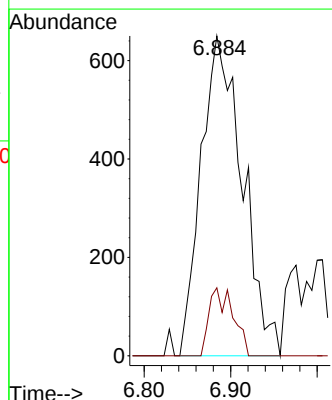
Acq: 09 Dec 2024 14:53

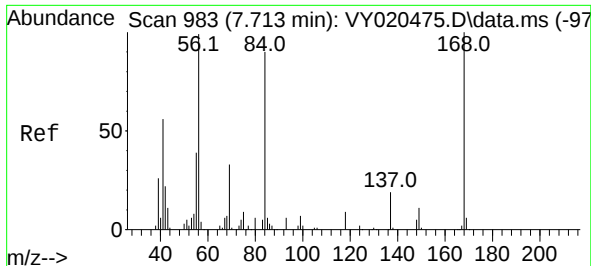
Tgt Ion: 43 Resp: 2148

Ion Ratio Lower Upper

43 100

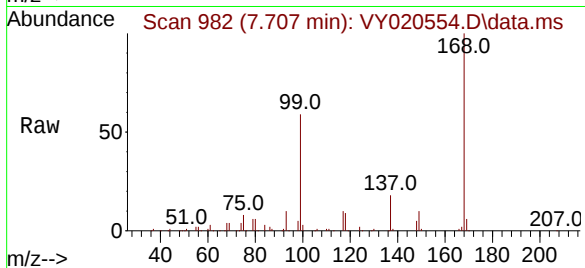
72 21.2 20.4 30.6



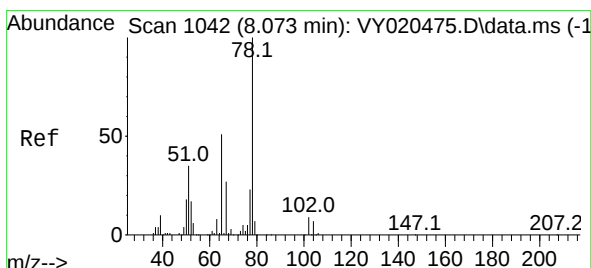
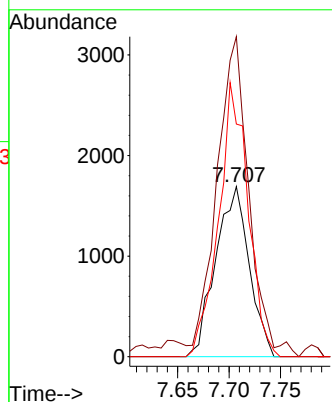
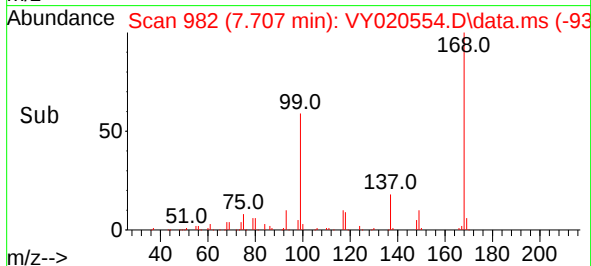


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020554.D
Acq: 09 Dec 2024 14:53

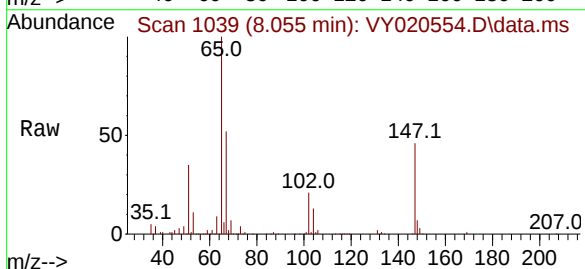
Instrument :
MSVOA_Y
ClientSampleId :



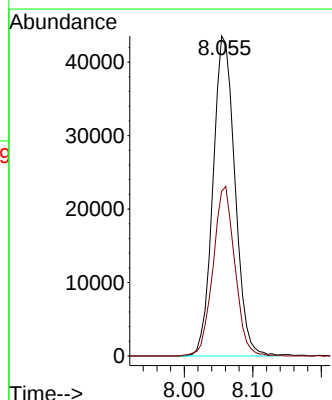
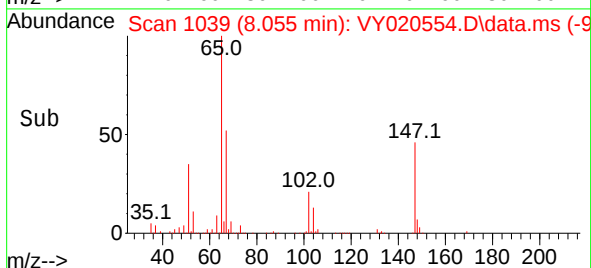
Tgt Ion: 56 Resp: 3833
Ion Ratio Lower Upper
56 100
69 181.7 25.3 37.9#
84 136.7 66.9 100.3#

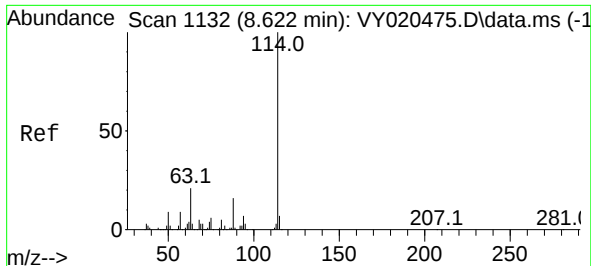


#33
1,2-Dichloroethane-d4
Concen: 51.987 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.019 min
Lab File: VY020554.D
Acq: 09 Dec 2024 14:53



Tgt Ion: 65 Resp: 96974
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

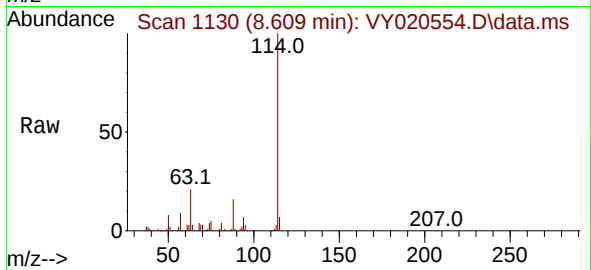
Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :



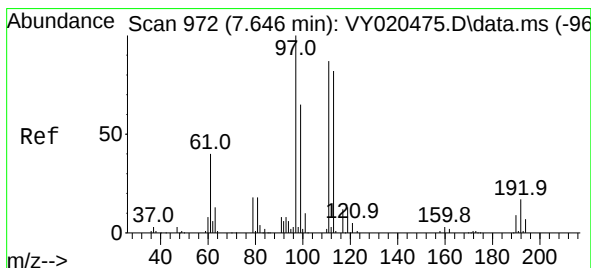
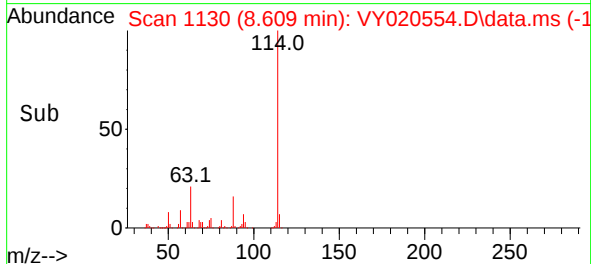
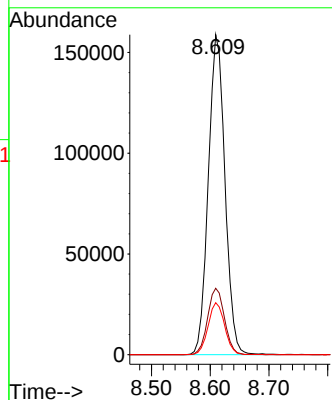
Tgt Ion:114 Resp: 312922

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.019 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

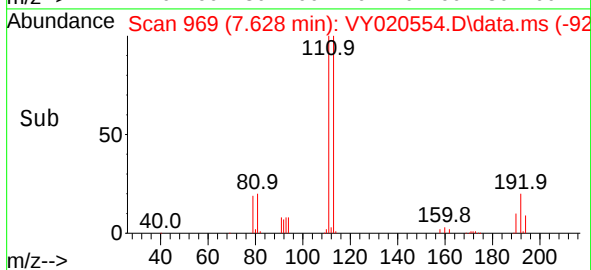
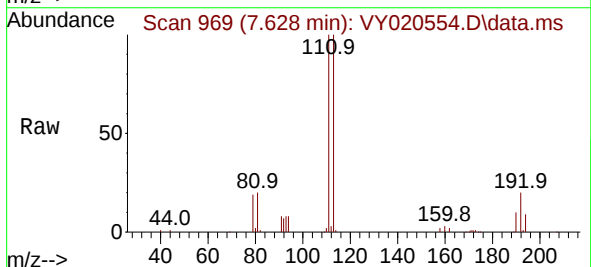
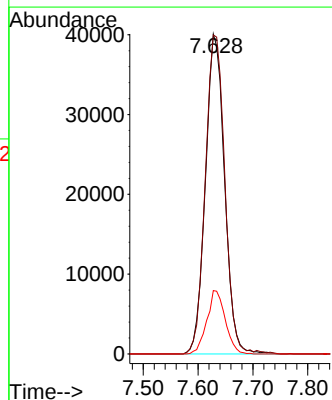
Tgt Ion:113 Resp: 96857

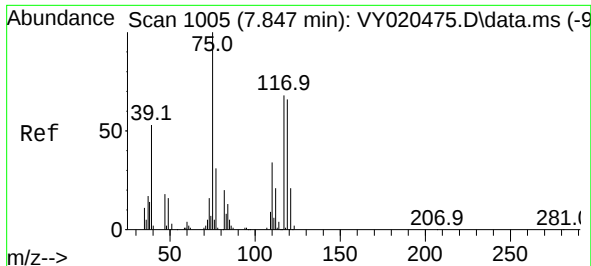
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.2 15.1 22.7

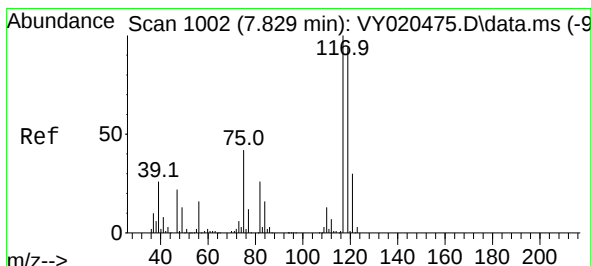
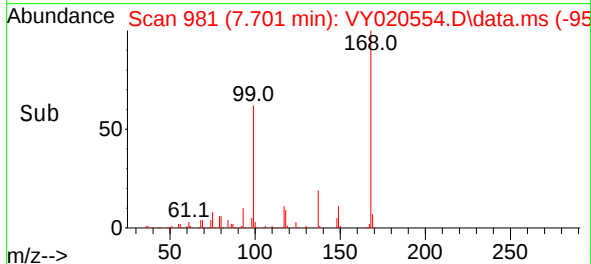
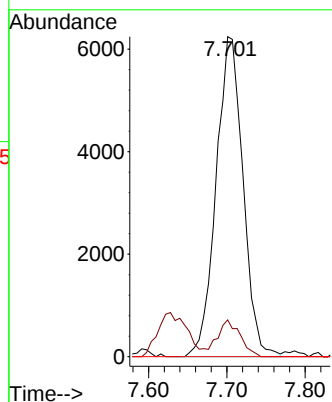
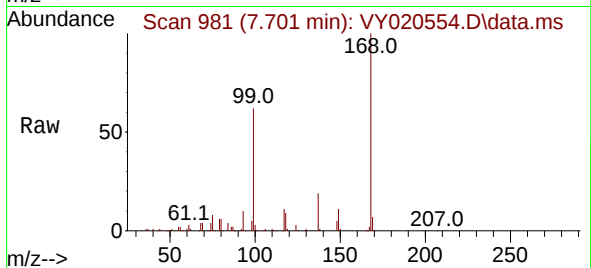




#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.147 min
Lab File: VY020554.D
Acq: 09 Dec 2024 14:53

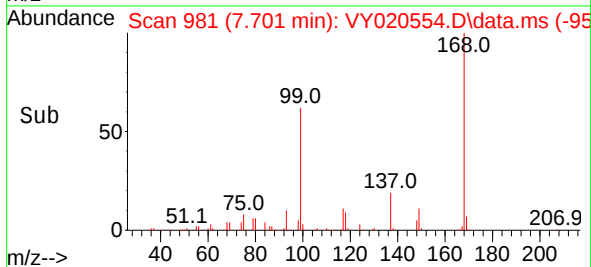
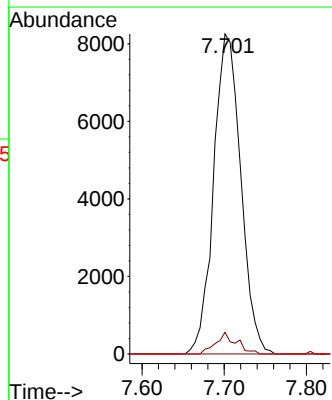
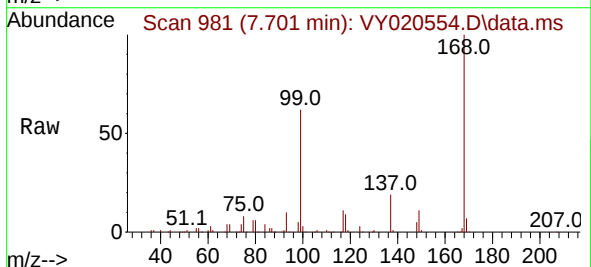
Instrument :
MSVOA_Y
ClientSampleId :

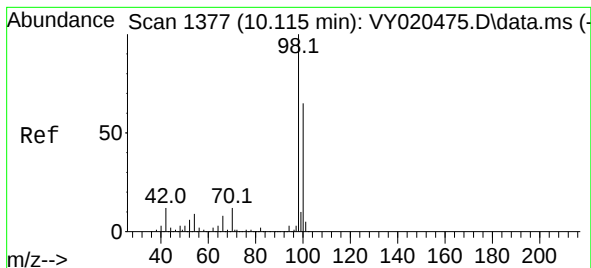
Tgt Ion: 75 Resp: 14909
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.761 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY020554.D
Acq: 09 Dec 2024 14:53

Tgt Ion: 117 Resp: 18904
Ion Ratio Lower Upper
117 100
119 6.7 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.656 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

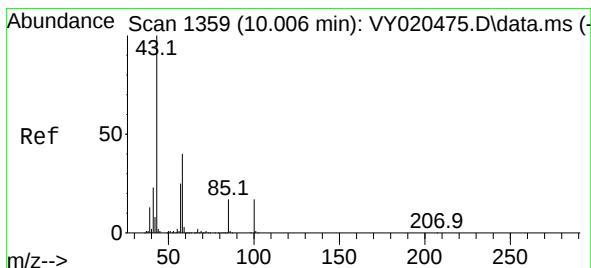
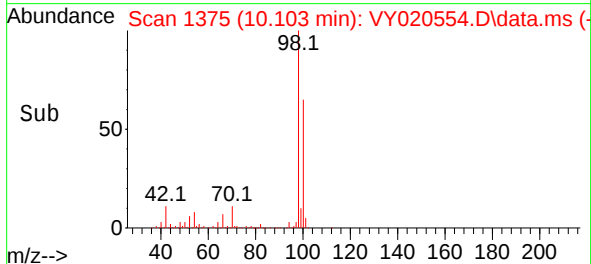
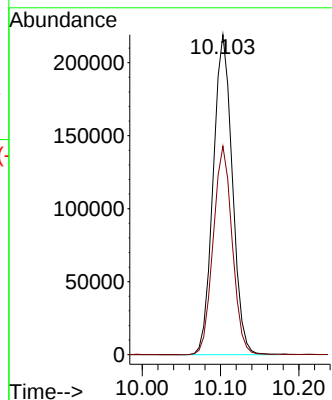
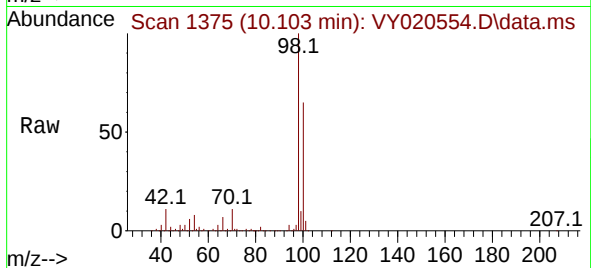
ClientSampleId :

Tgt Ion: 98 Resp: 372486

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 2.133 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.012 min

Lab File: VY020554.D

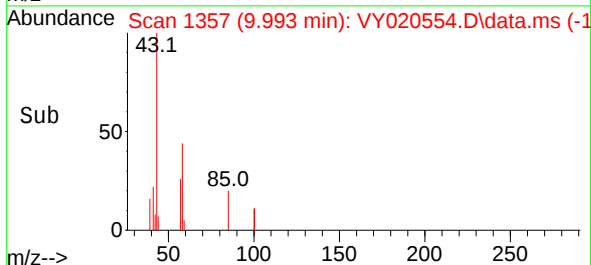
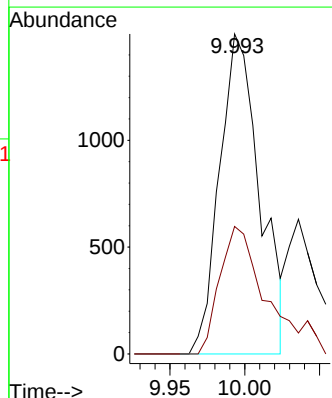
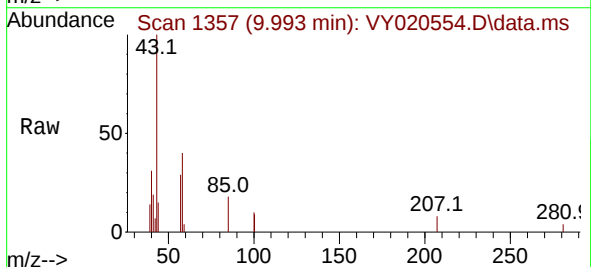
Acq: 09 Dec 2024 14:53

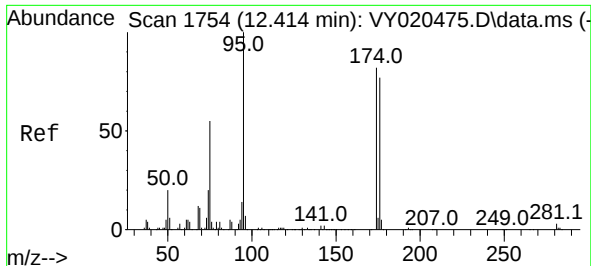
Tgt Ion: 43 Resp: 2804

Ion Ratio Lower Upper

43 100

58 46.5 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 44.014 ug/l

RT: 12.401 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

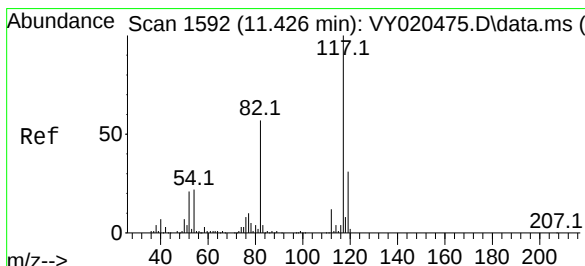
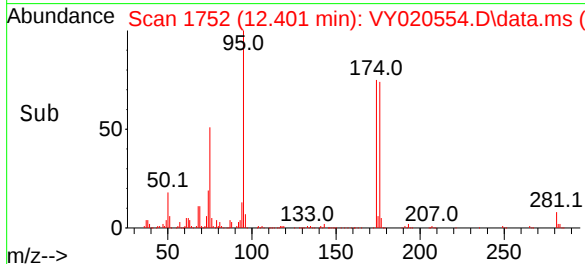
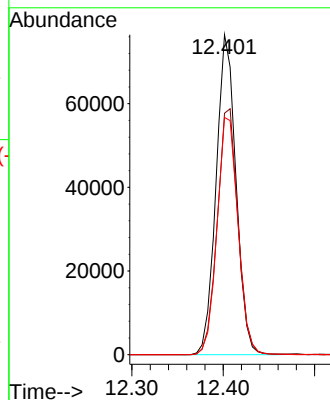
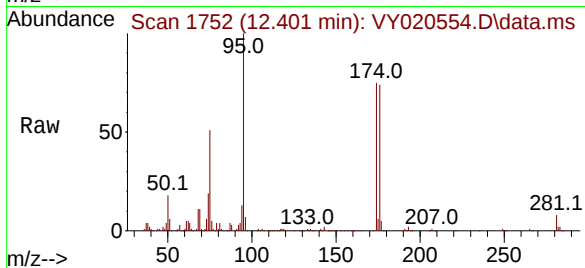
Tgt Ion: 95 Resp: 115475

Ion Ratio Lower Upper

95 100

174 80.2 0.0 156.8

176 78.1 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.012 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

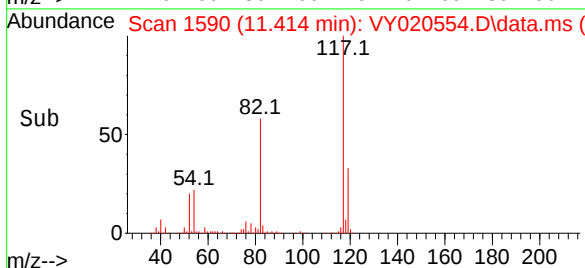
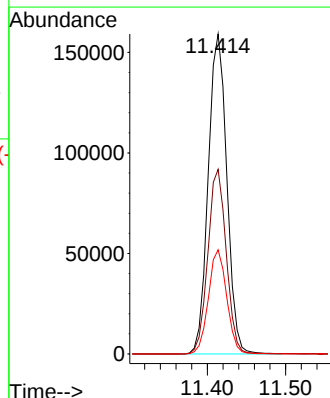
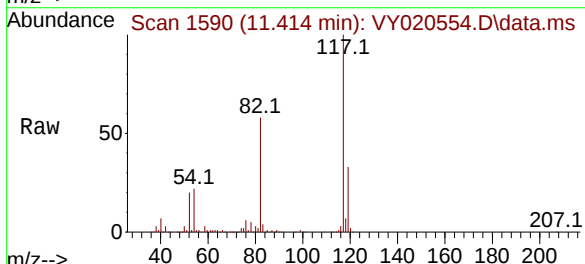
Tgt Ion: 117 Resp: 262120

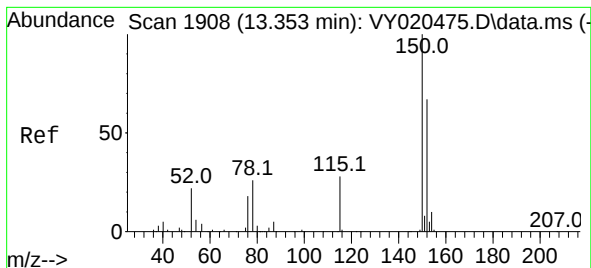
Ion Ratio Lower Upper

117 100

82 57.7 48.2 72.4

119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020554.D

Acq: 09 Dec 2024 14:53

Instrument :

MSVOA_Y

ClientSampleId :

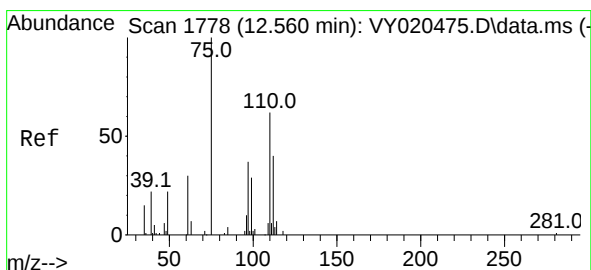
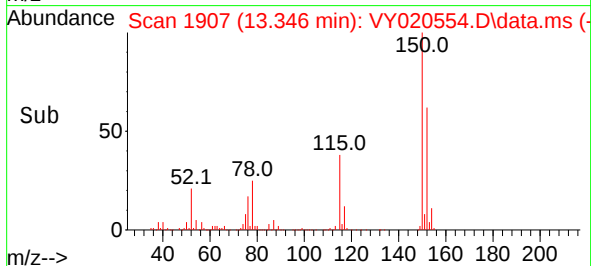
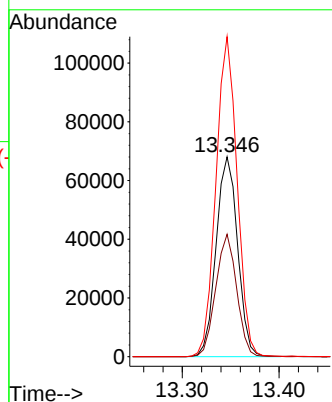
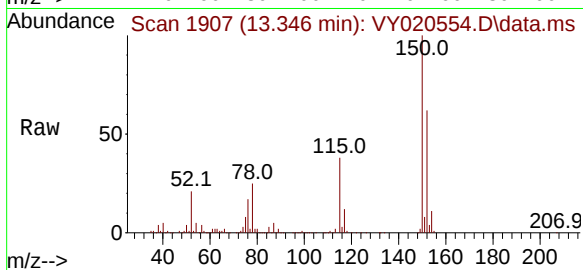
Tgt Ion:152 Resp: 105013

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.4 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 57.574 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY020554.D

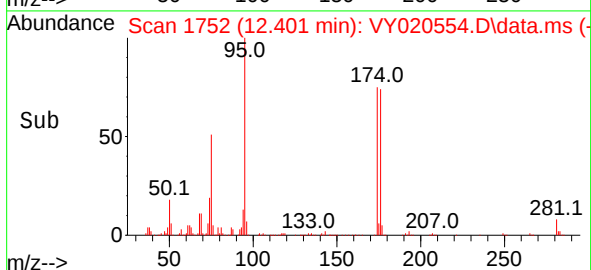
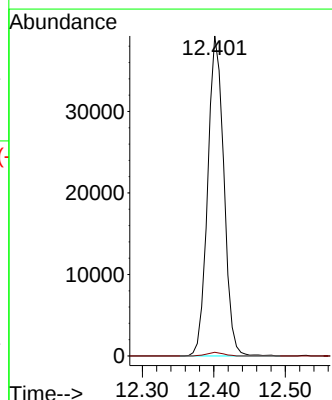
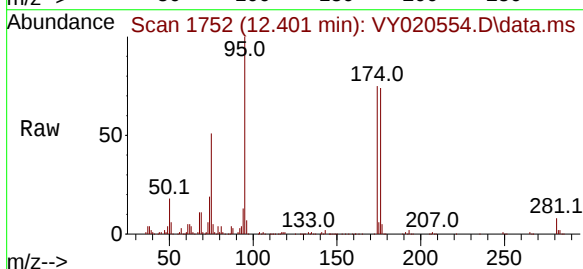
Acq: 09 Dec 2024 14:53

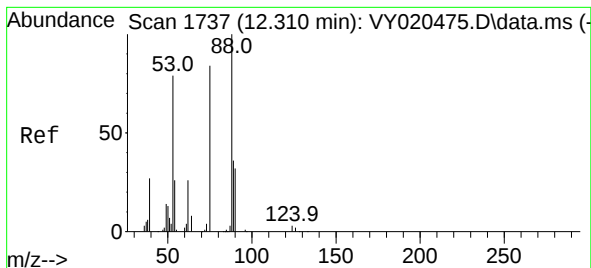
Tgt Ion: 75 Resp: 61590

Ion Ratio Lower Upper

75 100

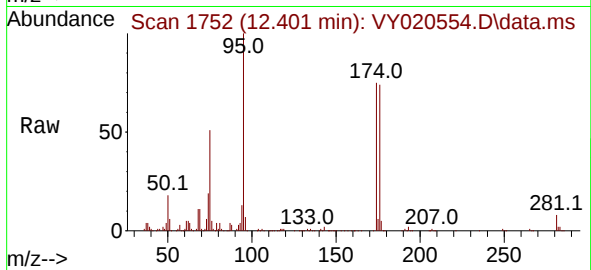
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.134 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY020554.D
Acq: 09 Dec 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 61590
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.3 35.1 52.7#

