

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020546.D
 Acq On : 09 Dec 2024 10:54
 Operator : SY/MD
 Sample : VY1209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 03:57:37 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)

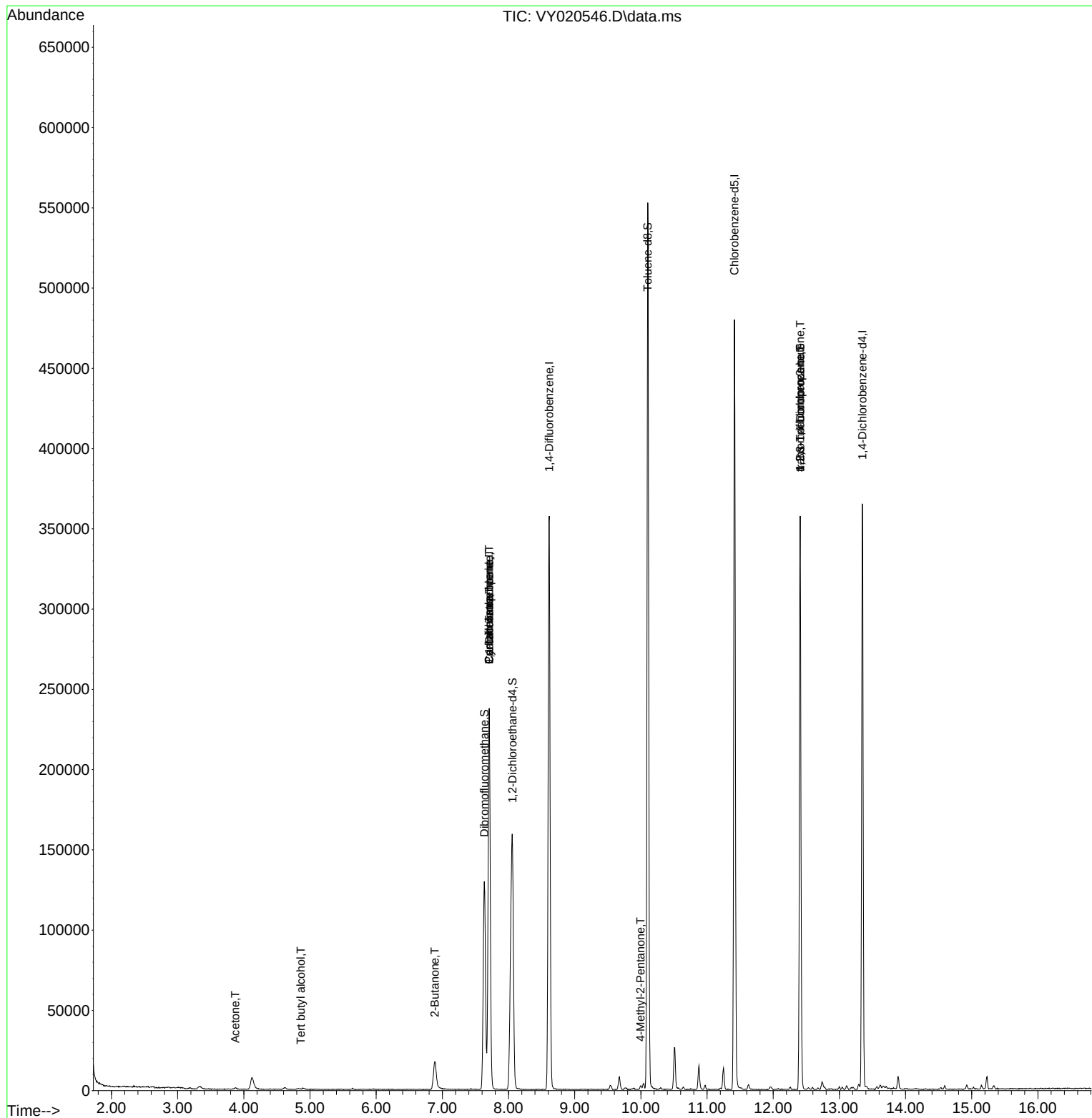
Internal Standards						
1) Pentafluorobenzene	7.707	168	178939	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	304419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248651	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	92050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90635	49.804	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.634	113	93551	48.814	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.103	98	361094	49.481	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.408	95	106254	41.631	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.260%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	668	5.659	ug/l #	73
16) Acetone	3.873	43	1718	3.797	ug/l	95
25) 2-Butanone	6.884	43	1280	2.240	ug/l #	78
31) Cyclohexane	7.707	56	3768	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	14208	4.390	ug/l #	53
38) Carbon Tetrachloride	7.707	117	18708	4.843	ug/l #	15
51) 4-Methyl-2-Pentanone	9.993	43	1703	1.332	ug/l	93
76) 1,2,3-Trichloropropane	12.408	75	56419	60.167	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	56419	123.455	ug/l #	9

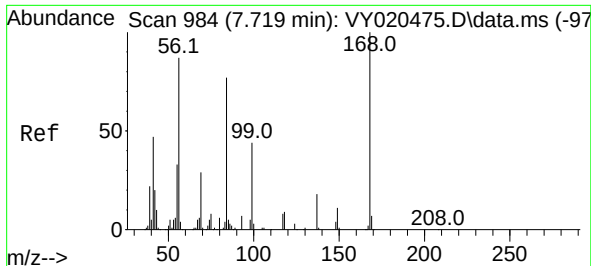
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY120924\
Data File : VY020546.D
Acq On : 09 Dec 2024 10:54
Operator : SY/MD
Sample : VY1209SBL01
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Dec 10 03:57:37 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

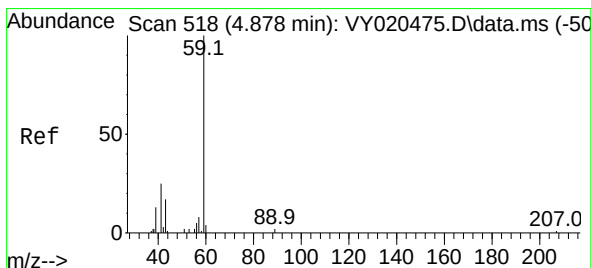
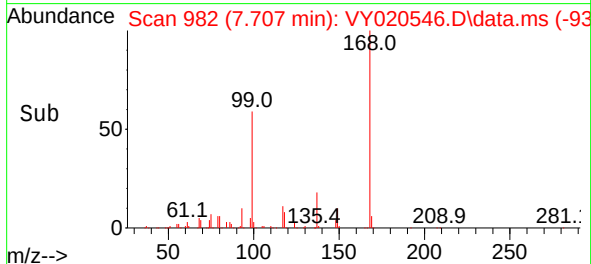
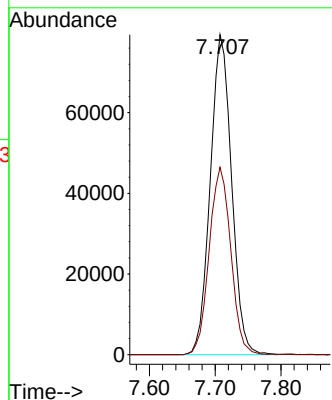
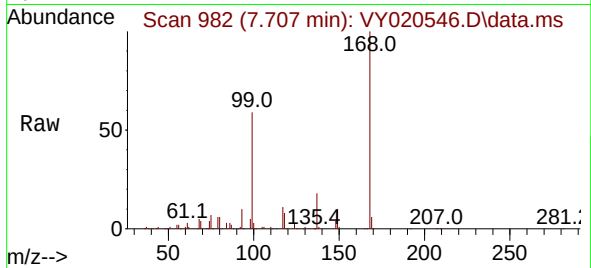




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

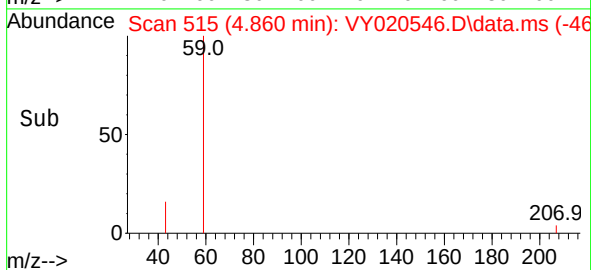
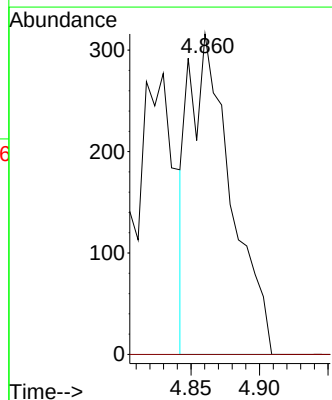
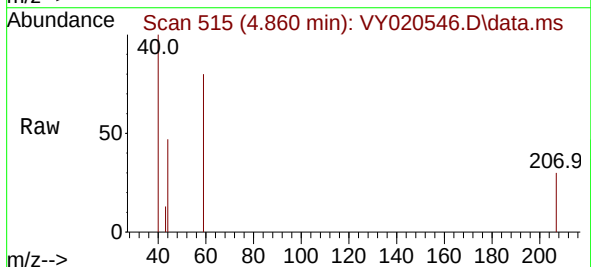
Instrument :
MSVOA_Y
ClientSampleId :

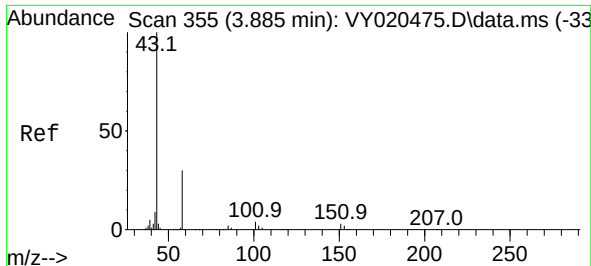
Tgt Ion:168 Resp: 178939
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#11
Tert butyl alcohol
Concen: 5.659 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 3.797 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.012 min

Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

Instrument :

MSVOA_Y

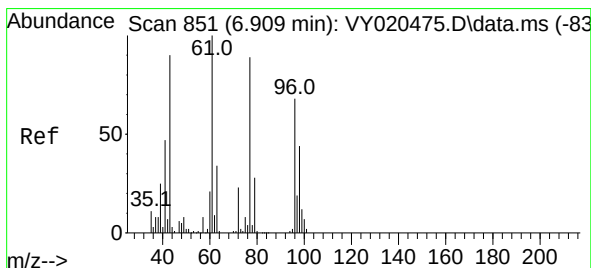
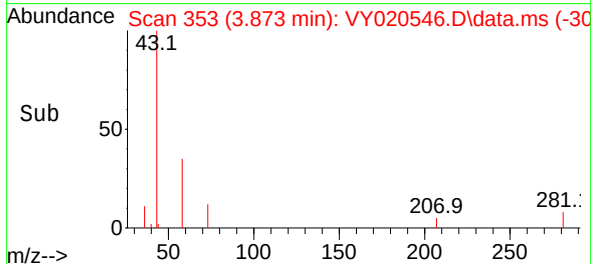
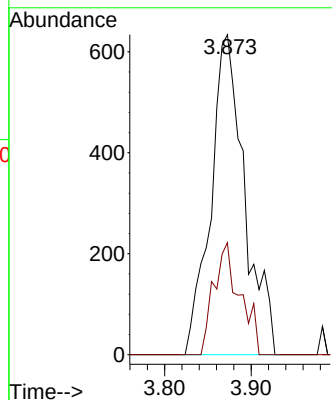
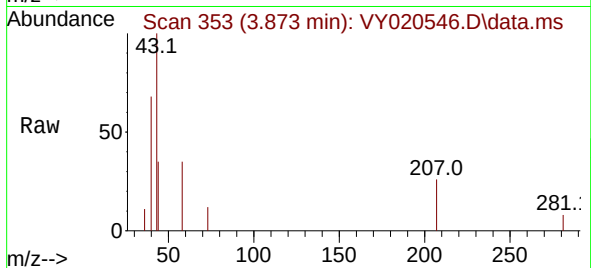
ClientSampleId :

Tgt Ion: 43 Resp: 1718

Ion Ratio Lower Upper

43 100

58 35.0 25.7 38.5



#25

2-Butanone

Concen: 2.240 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.024 min

Lab File: VY020546.D

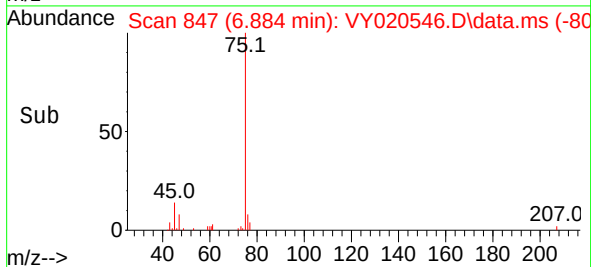
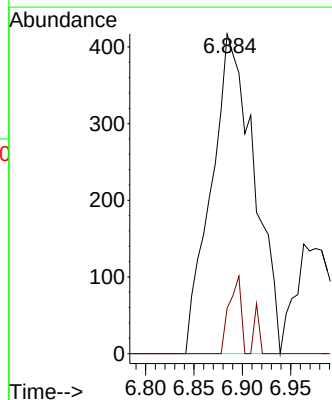
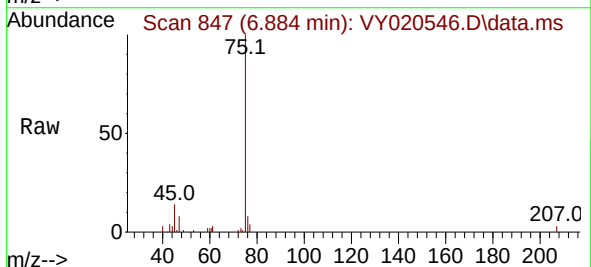
Acq: 09 Dec 2024 10:54

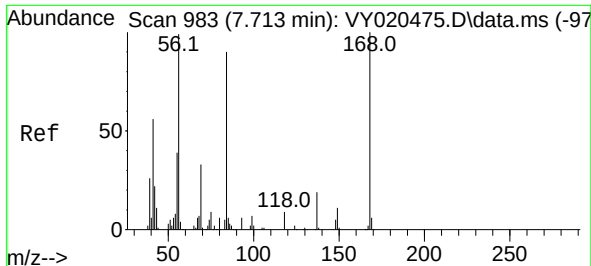
Tgt Ion: 43 Resp: 1280

Ion Ratio Lower Upper

43 100

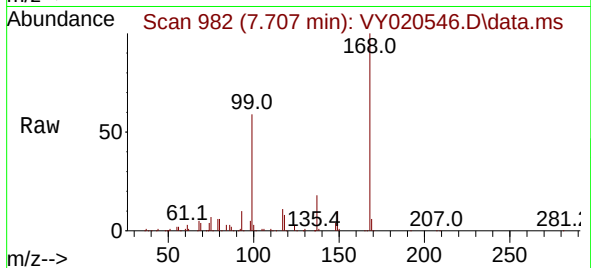
72 14.1 20.4 30.6#



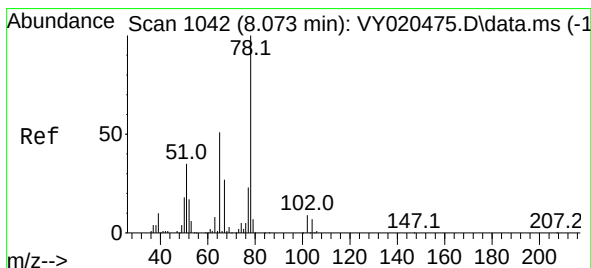
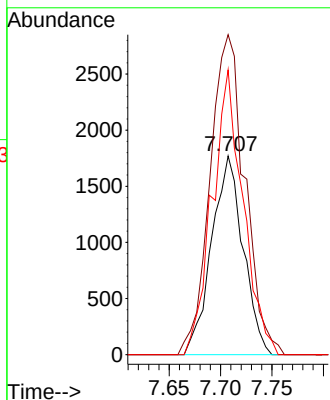
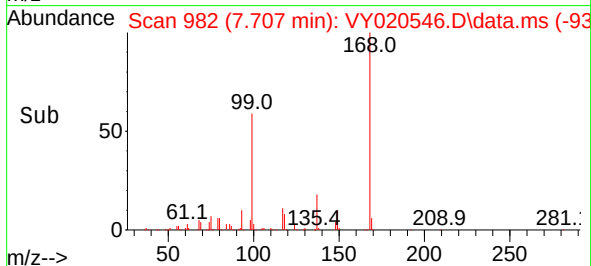


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

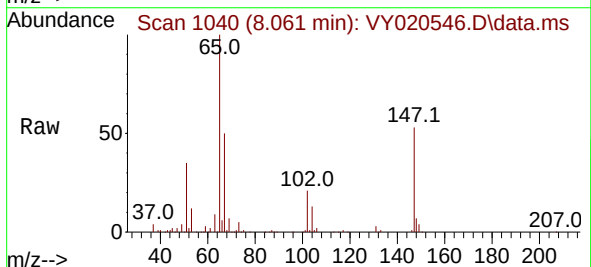
Instrument :
MSVOA_Y
ClientSampleId :



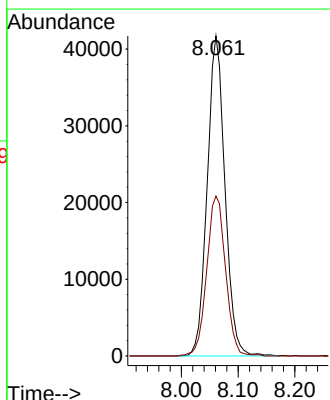
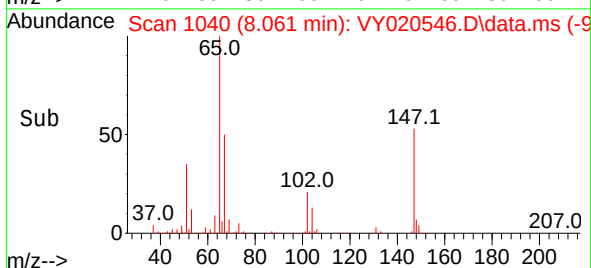
Tgt Ion: 56 Resp: 3768
Ion Ratio Lower Upper
56 100
69 161.1 25.3 37.9#
84 143.3 66.9 100.3#

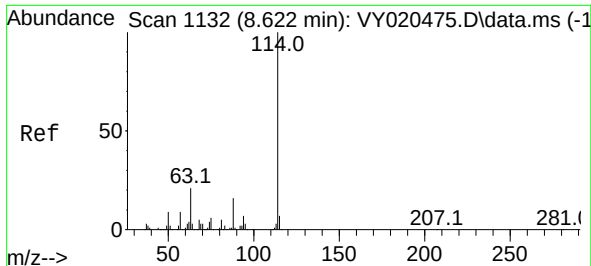


#33
1,2-Dichloroethane-d4
Concen: 49.804 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54



Tgt Ion: 65 Resp: 90635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

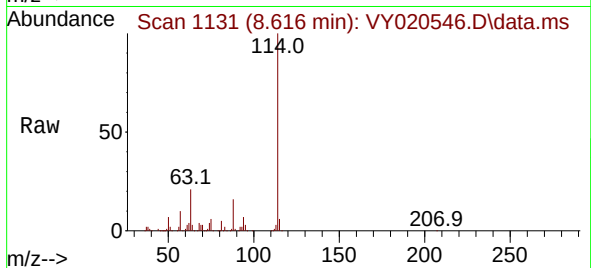
Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :



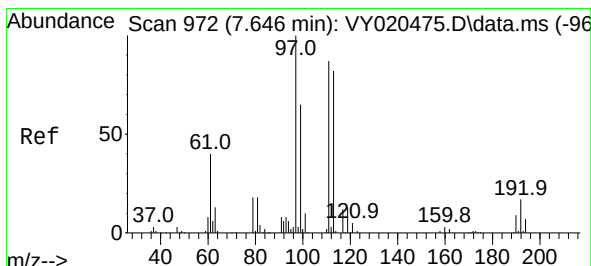
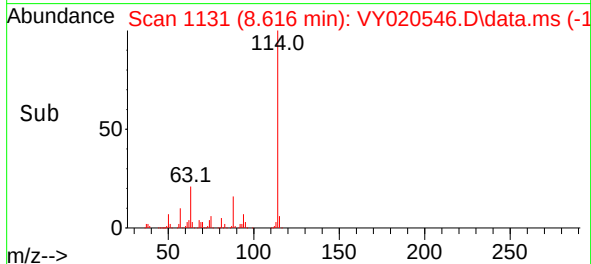
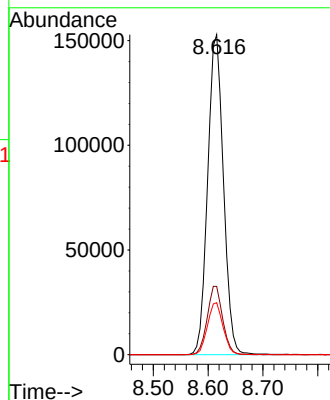
Tgt Ion:114 Resp: 304419

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.814 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

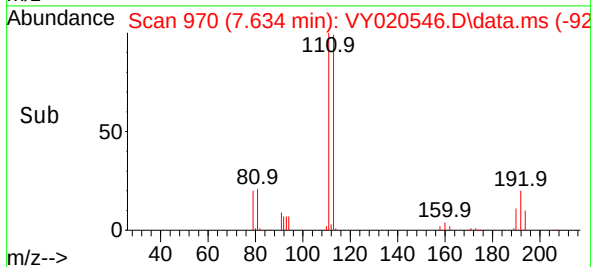
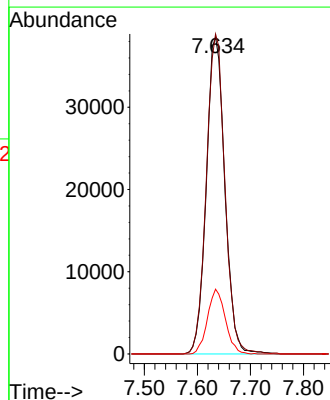
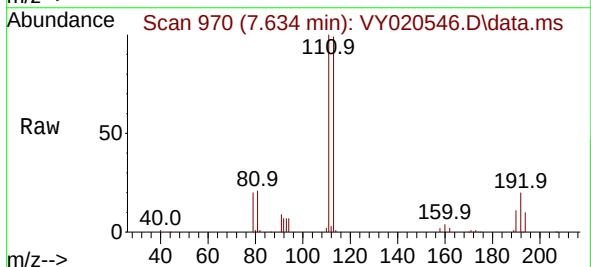
Tgt Ion:113 Resp: 93551

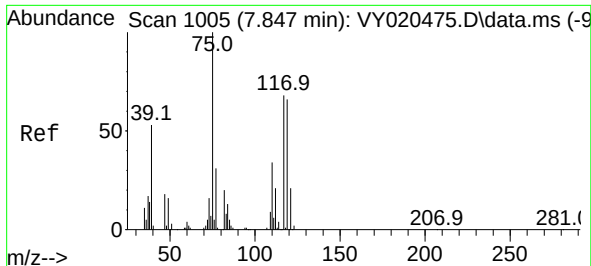
Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 19.7 15.1 22.7

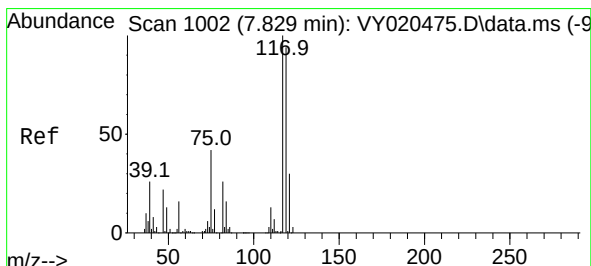
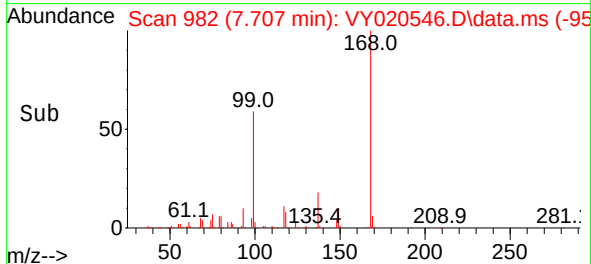
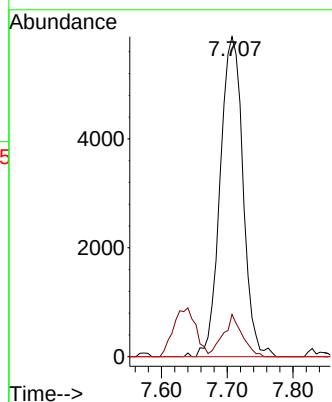
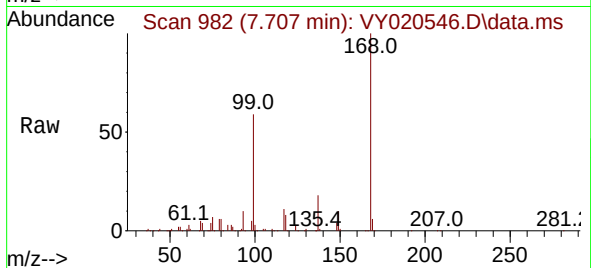




#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

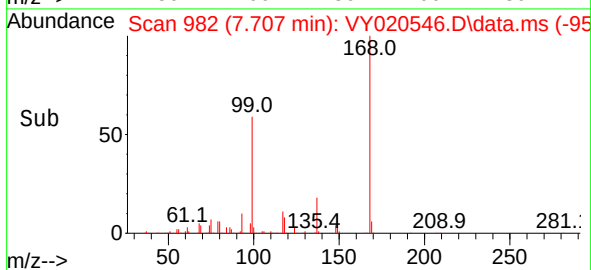
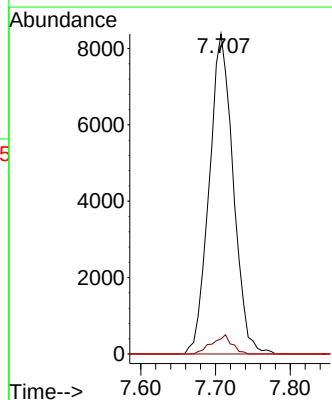
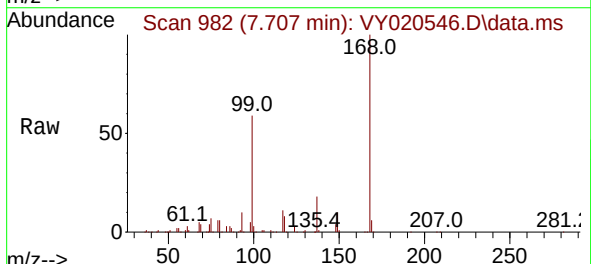
Instrument :
MSVOA_Y
ClientSampleId :

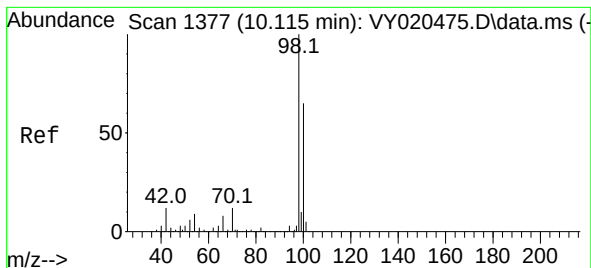
Tgt Ion: 75 Resp: 14208
Ion Ratio Lower Upper
75 100
110 11.0 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.843 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion:117 Resp: 18708
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.481 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020546.D

Acq: 09 Dec 2024 10:54

Instrument :

MSVOA_Y

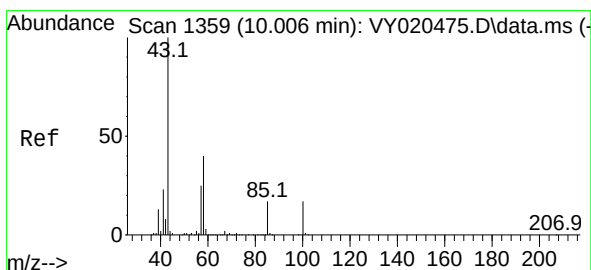
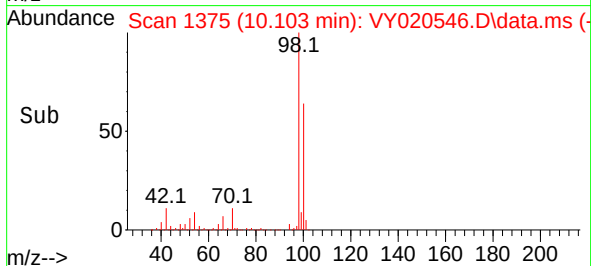
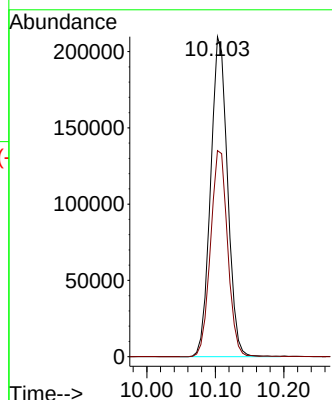
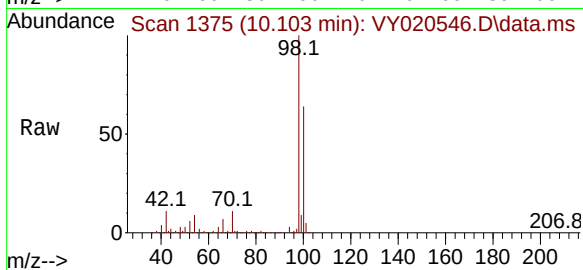
ClientSampleId :

Tgt Ion: 98 Resp: 361094

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.332 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.012 min

Lab File: VY020546.D

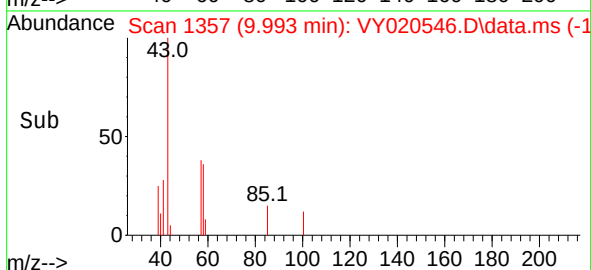
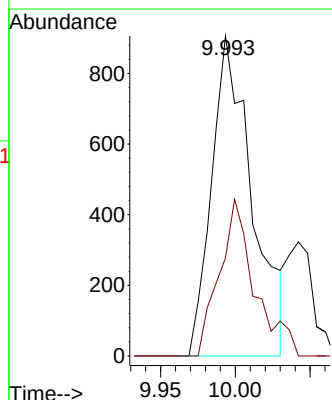
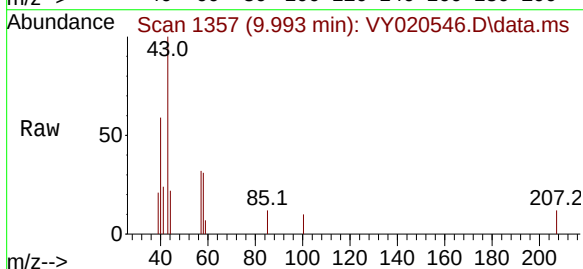
Acq: 09 Dec 2024 10:54

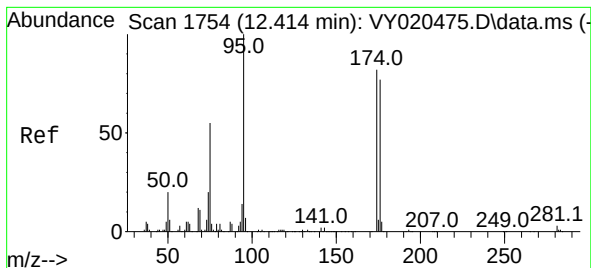
Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

58 42.7 30.9 46.3

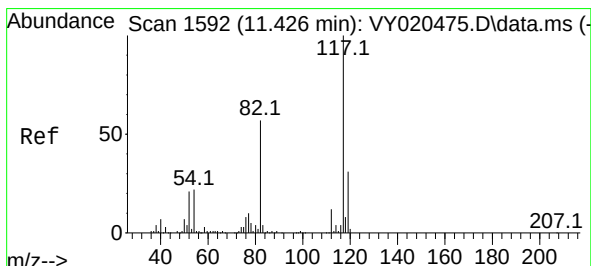
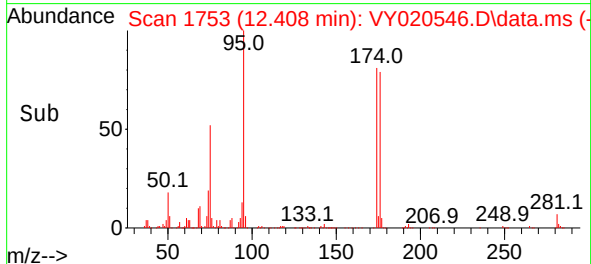
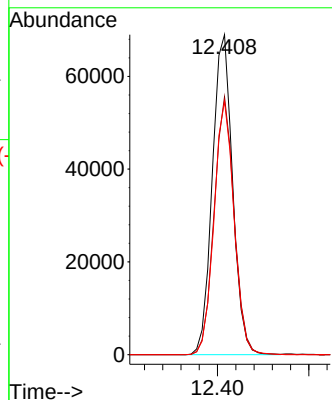
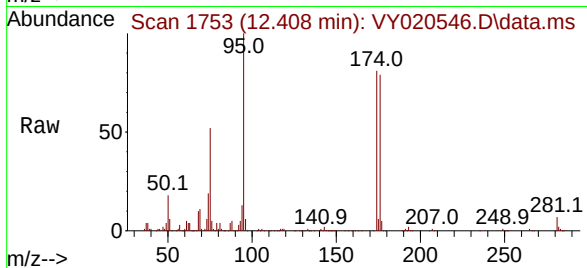




#62
4-Bromofluorobenzene
Concen: 41.631 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

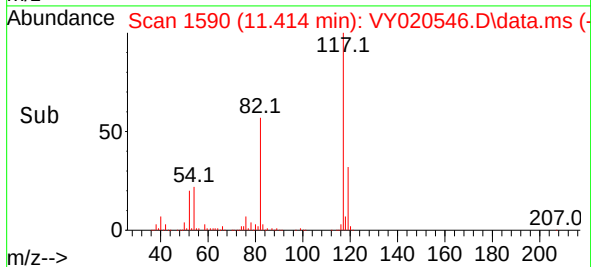
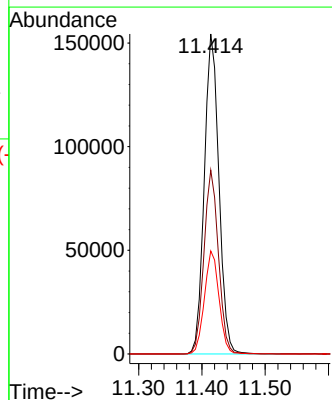
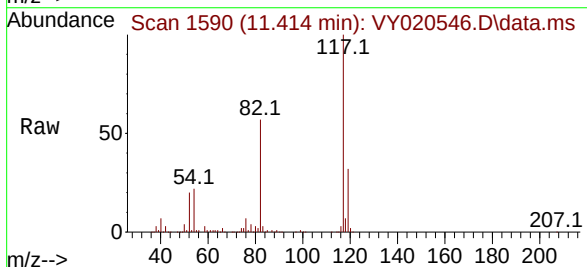
Instrument :
MSVOA_Y
ClientSampleId :

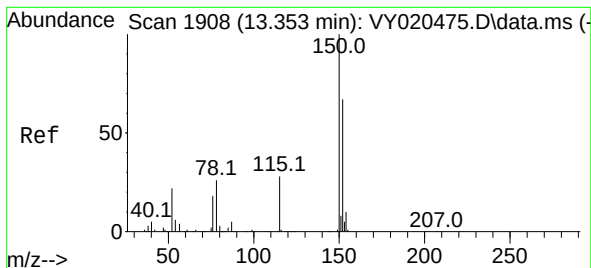
Tgt Ion: 95 Resp: 106254
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 78.5 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Tgt Ion: 117 Resp: 248651
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 32.2 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: VY020546.D

Acq: 09 Dec 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

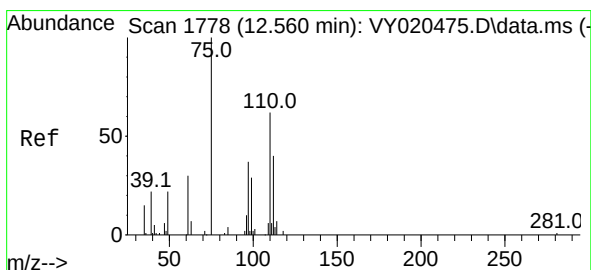
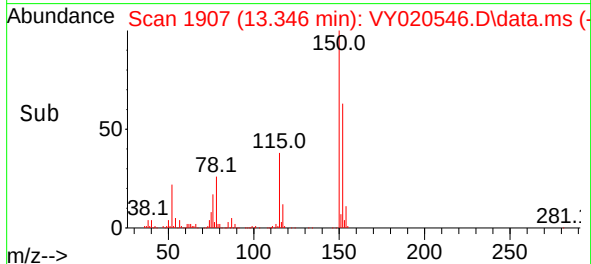
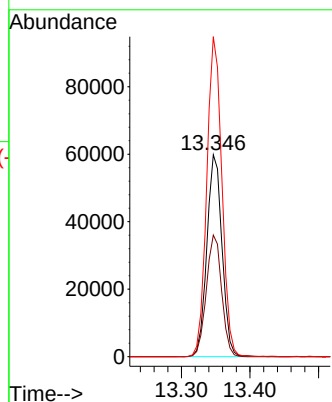
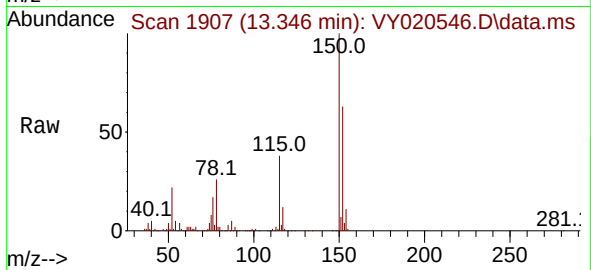
Tgt Ion:152 Resp: 92050

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.8 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 60.167 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020546.D

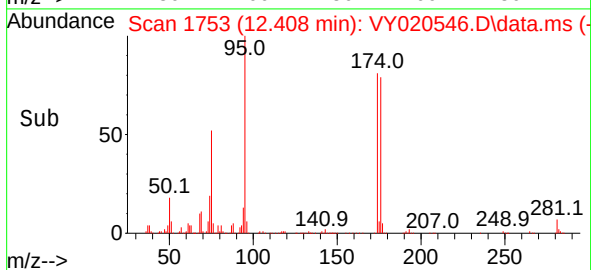
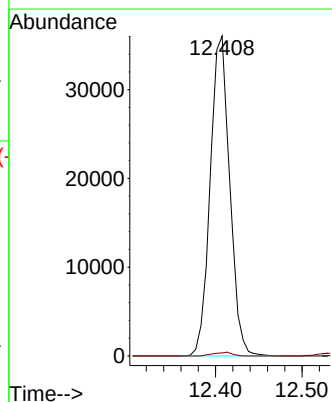
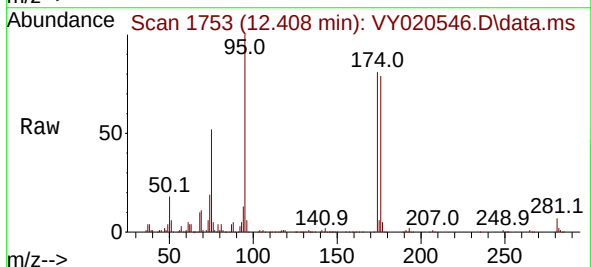
Acq: 09 Dec 2024 10:54

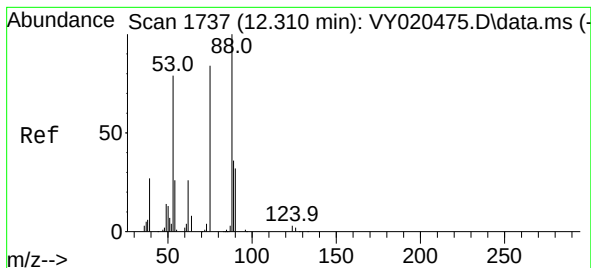
Tgt Ion: 75 Resp: 56419

Ion Ratio Lower Upper

75 100

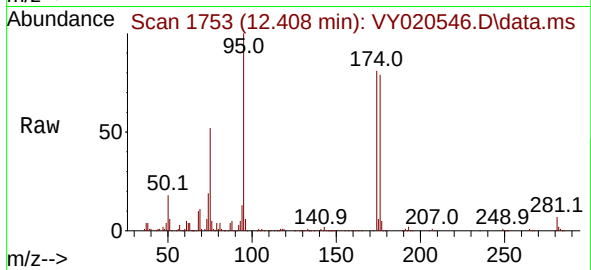
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.455 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020546.D
Acq: 09 Dec 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 56419
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.2 35.1 52.7#

