

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020271.D
 Acq On : 12 Nov 2024 16:35
 Operator : SY/MD
 Sample : P4807-15
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:37:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

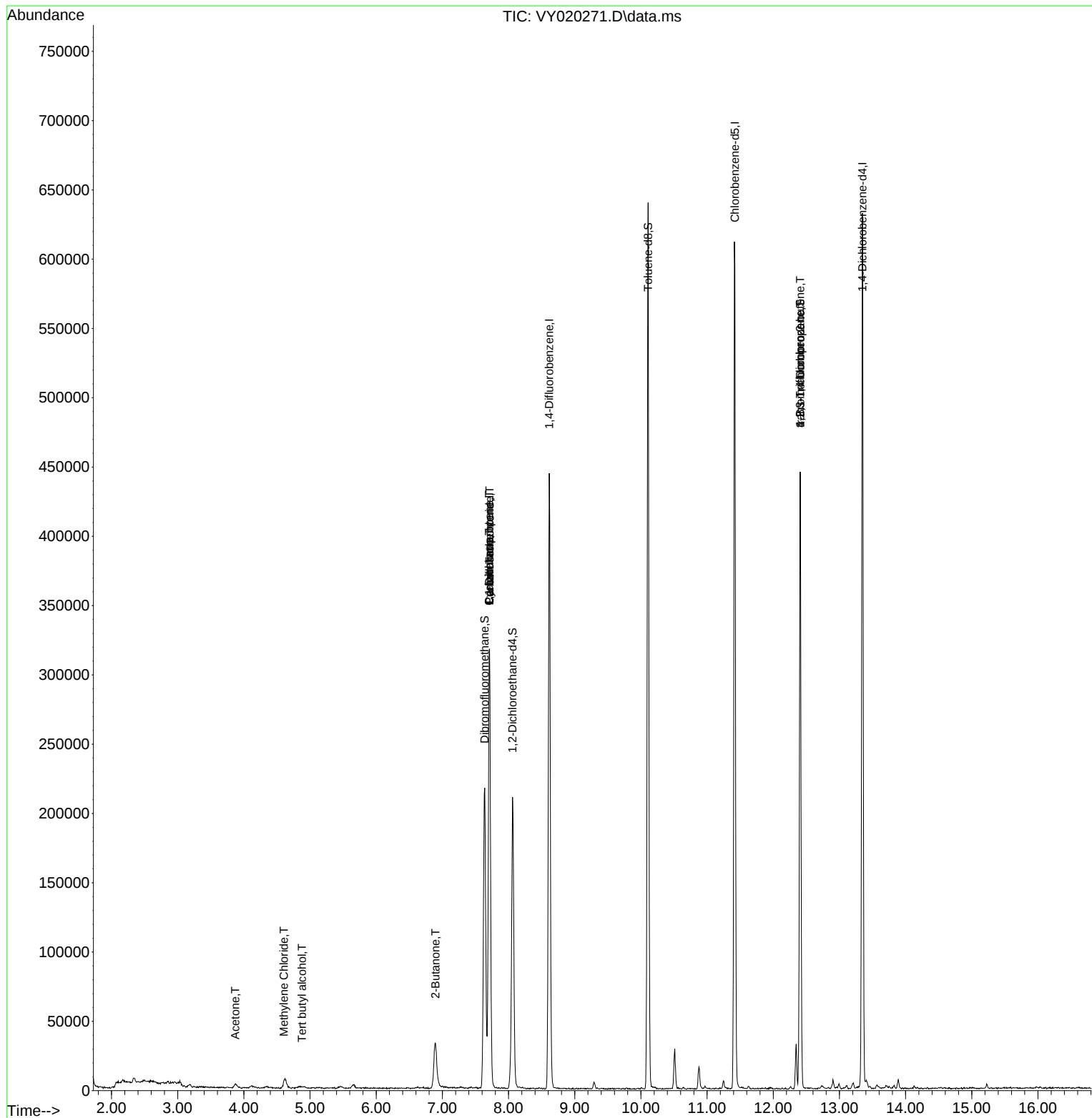
Internal Standards						
1) Pentafluorobenzene	7.713	168	228144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	352010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153567	53.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.640	113	154126	68.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.740%	
50) Toluene-d8	10.109	98	391624	43.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.407	95	121630	42.034	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	569	2.778	ug/l	# 88
16) Acetone	3.872	43	5129	7.746	ug/l	98
20) Methylene Chloride	4.604	84	4560	1.533	ug/l	94
25) 2-Butanone	6.896	43	2859	3.185	ug/l	# 64
31) Cyclohexane	7.707	56	6611	1.279	ug/l	# 31
36) 1,1-Dichloropropene	7.707	75	22635	6.547	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	25021	7.197	ug/l	# 19
76) 1,2,3-Trichloropropane	12.407	75	71682	53.115	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	71682	114.249	ug/l	# 16

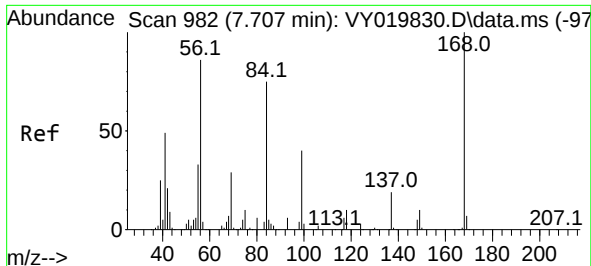
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

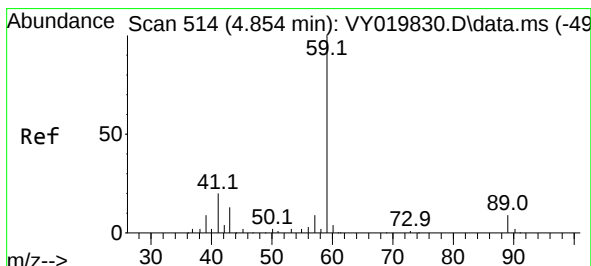
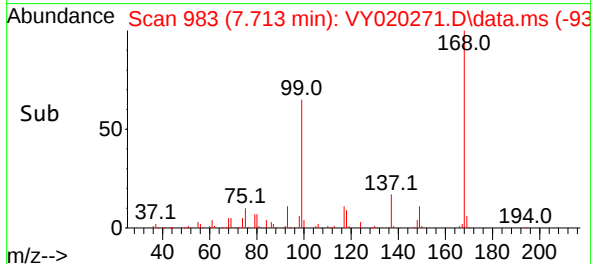
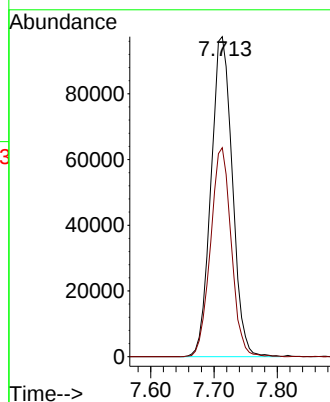
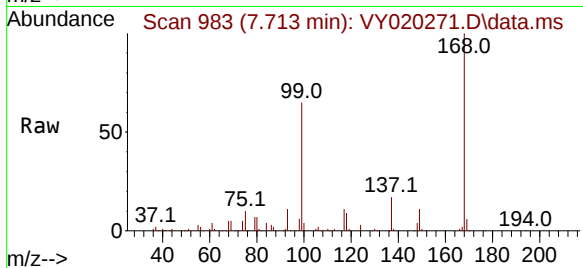




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

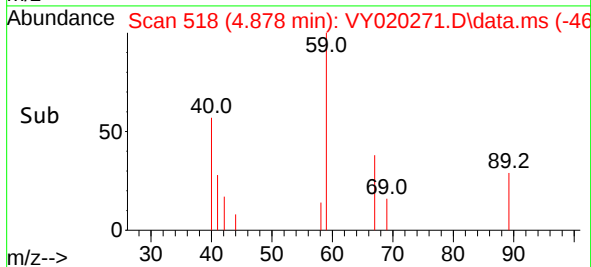
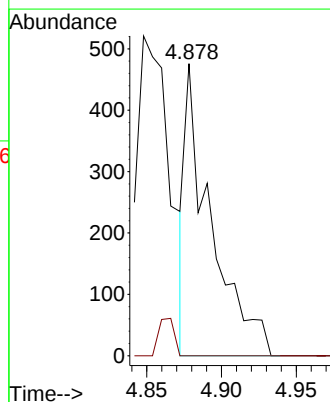
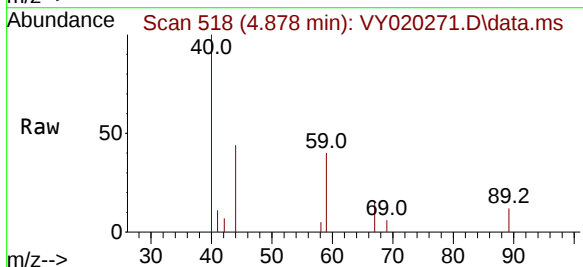
Instrument :
MSVOA_Y
ClientSampleId :

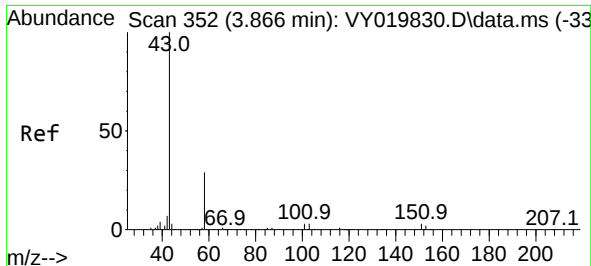
Tgt Ion:168 Resp: 228144
Ion Ratio Lower Upper
168 100
99 65.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.778 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Tgt Ion: 59 Resp: 569
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.6#





#16

Acetone

Concen: 7.746 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

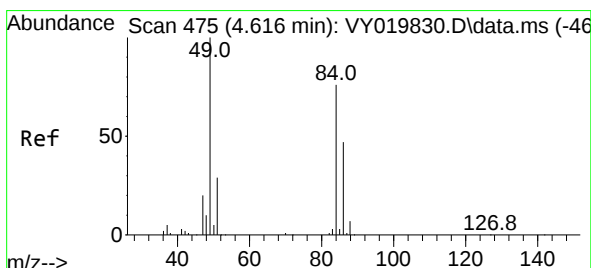
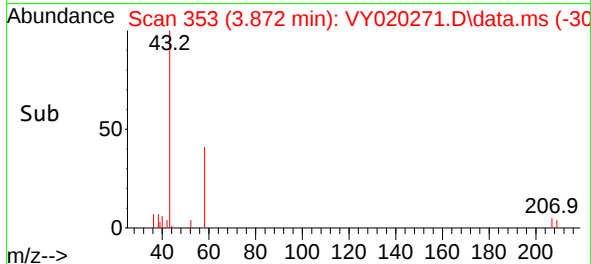
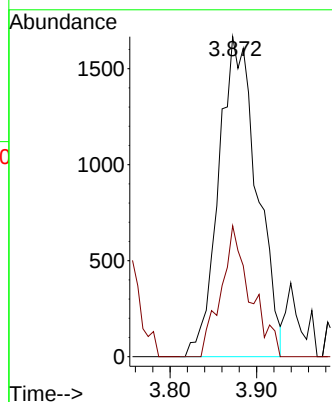
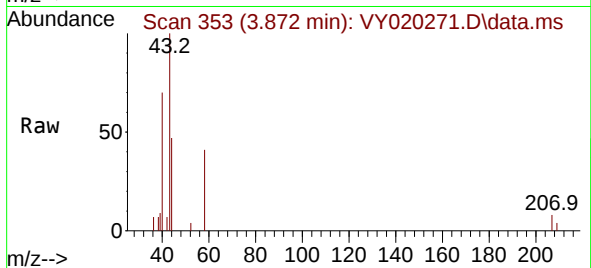
ClientSampleId :

Tgt Ion: 43 Resp: 5129

Ion Ratio Lower Upper

43 100

58 40.9 31.7 47.5



#20

Methylene Chloride

Concen: 1.533 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Tgt Ion: 84 Resp: 4560

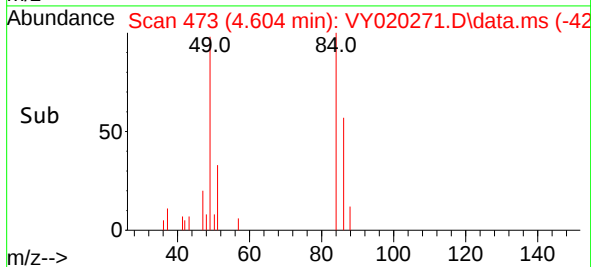
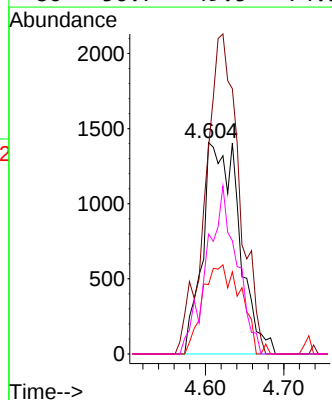
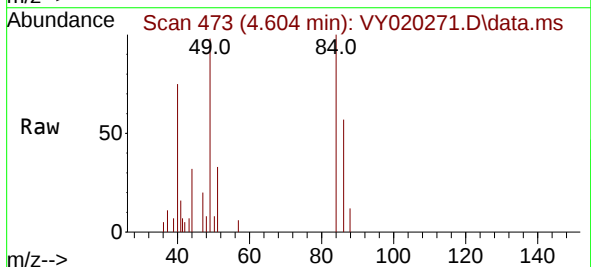
Ion Ratio Lower Upper

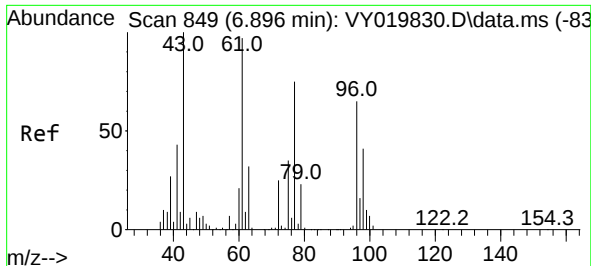
84 100

49 97.6 84.4 126.6

51 32.8 26.0 39.0

86 56.7 49.5 74.3

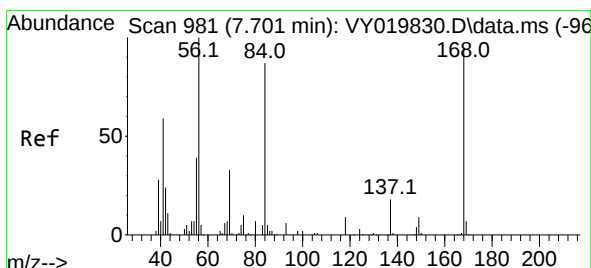
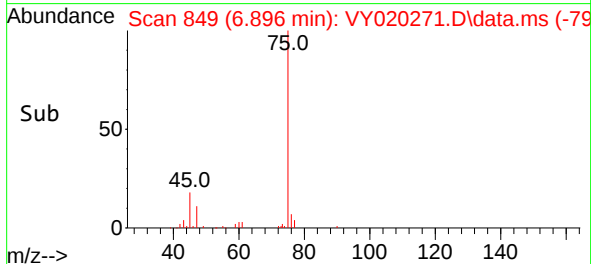
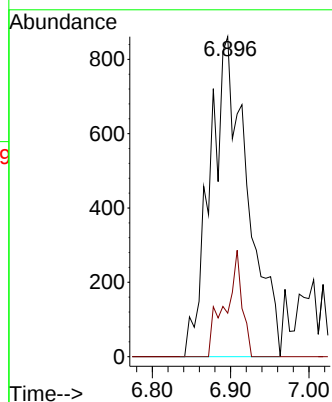
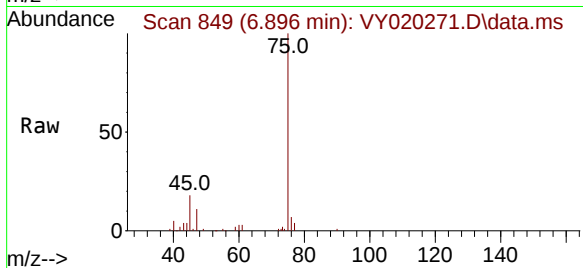




#25
2-Butanone
Concen: 3.185 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

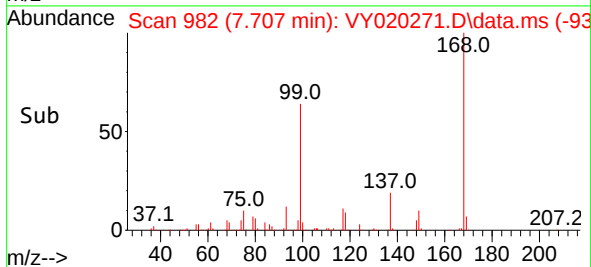
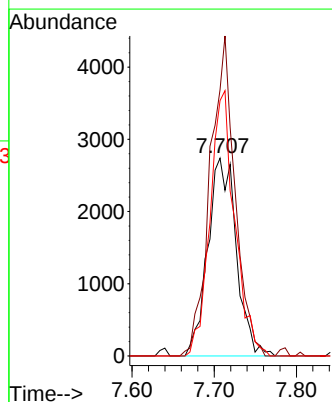
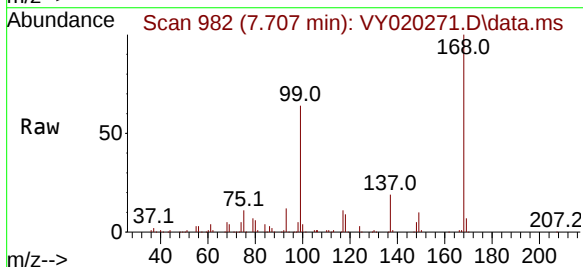
Instrument :
MSVOA_Y
ClientSampleId :

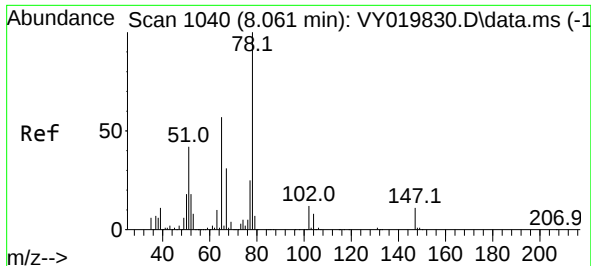
Tgt Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
72 13.6 27.3 40.9#



#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Tgt Ion: 56 Resp: 6611
Ion Ratio Lower Upper
56 100
69 134.6 28.7 43.1#
84 129.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.933 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

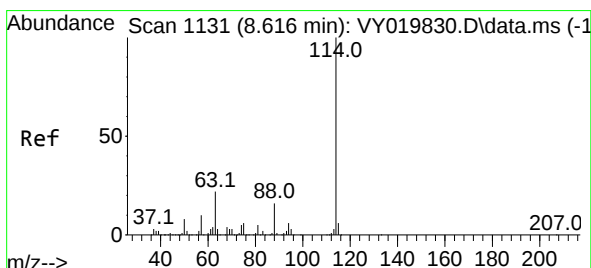
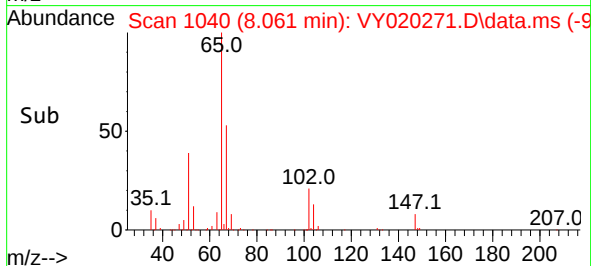
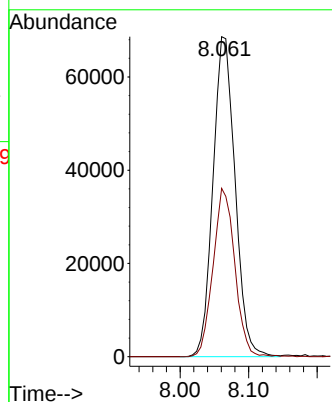
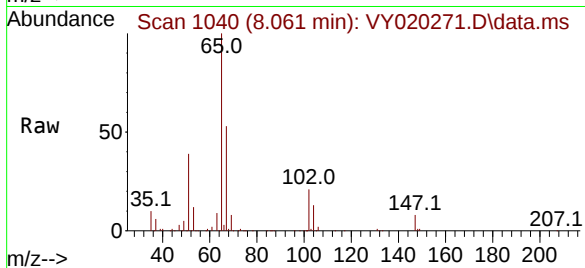
ClientSampleId :

Tgt Ion: 65 Resp: 153567

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

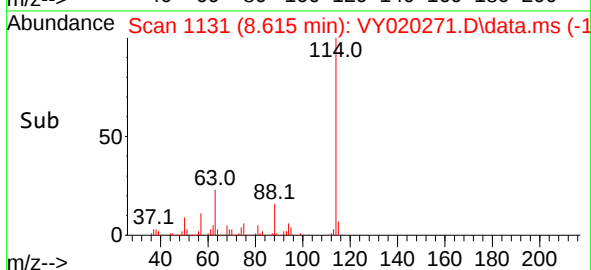
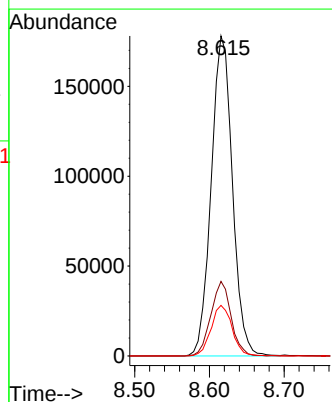
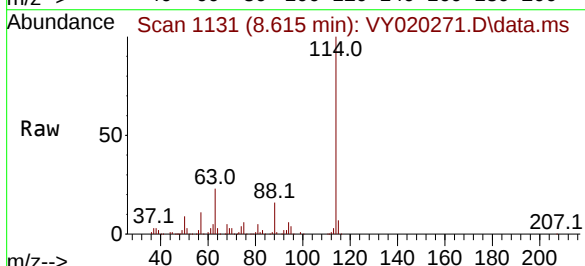
Tgt Ion: 114 Resp: 352010

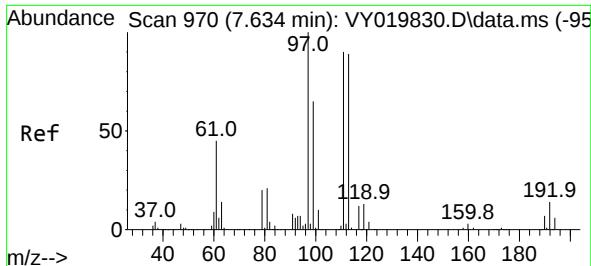
Ion Ratio Lower Upper

114 100

63 23.3 0.0 35.0

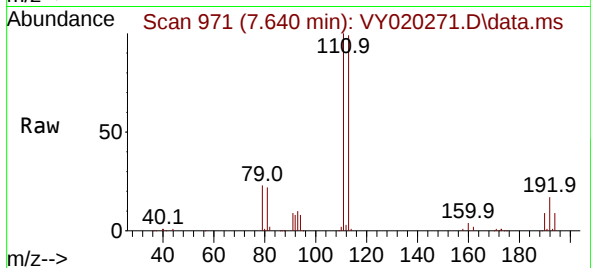
88 15.8 0.0 27.2



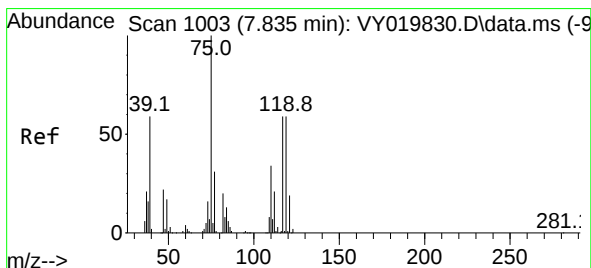
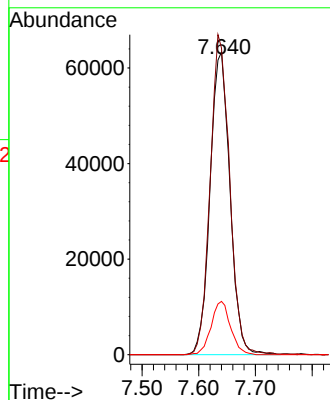
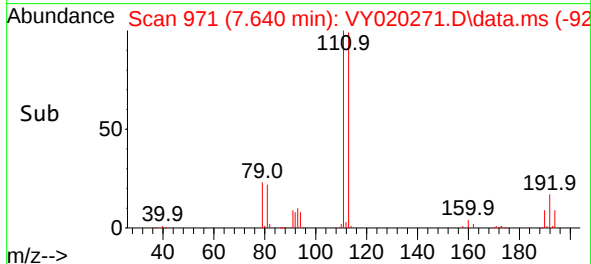


#35
Dibromofluoromethane
Concen: 68.866 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

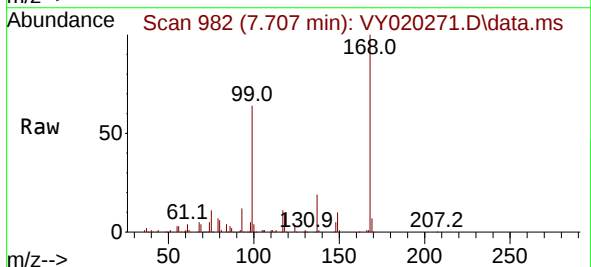
Instrument :
MSVOA_Y
ClientSampleId :



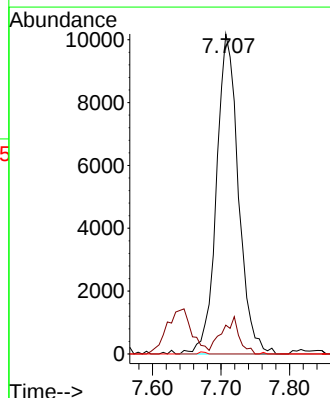
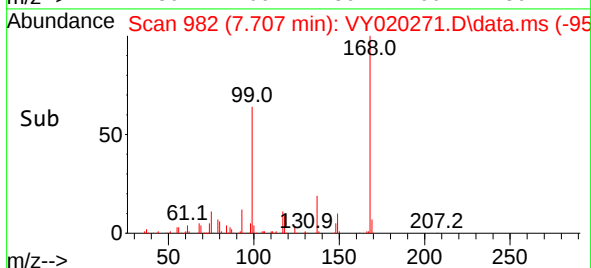
Tgt Ion:113 Resp: 154126
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.2 15.9 23.9

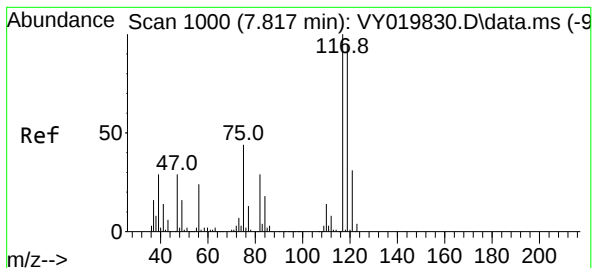


#36
1,1-Dichloropropene
Concen: 6.547 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35



Tgt Ion: 75 Resp: 22635
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.197 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

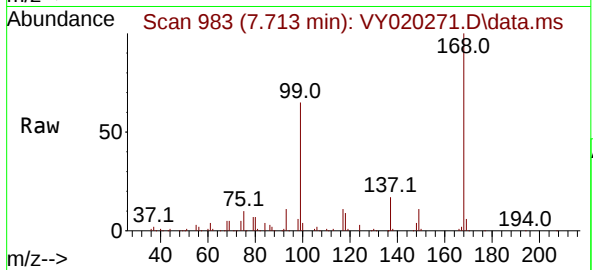
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Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :



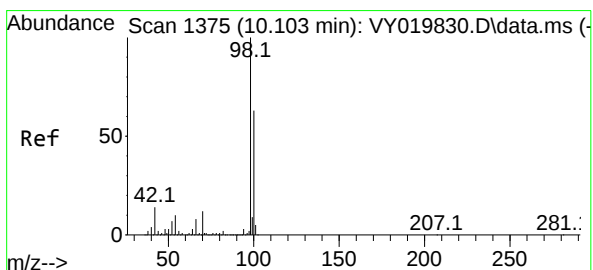
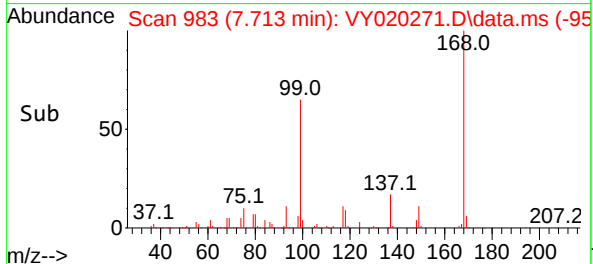
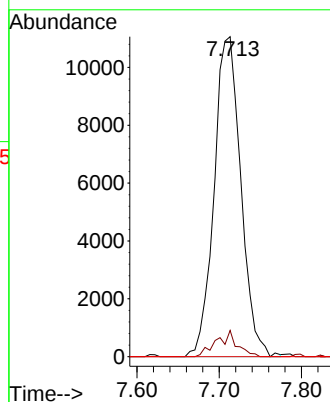
Tgt Ion:117 Resp: 25021

Ion Ratio Lower Upper

117 100

119 8.2 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 43.960 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020271.D

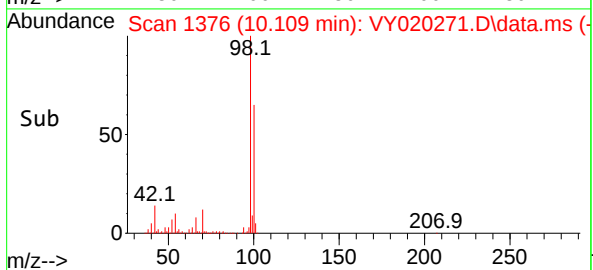
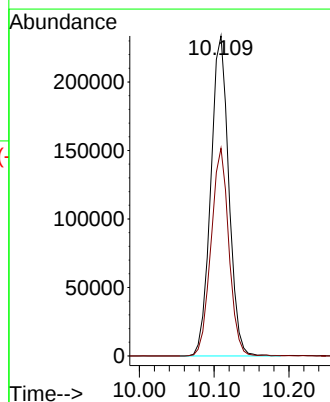
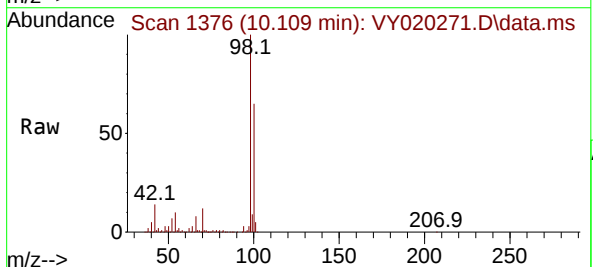
Acq: 12 Nov 2024 16:35

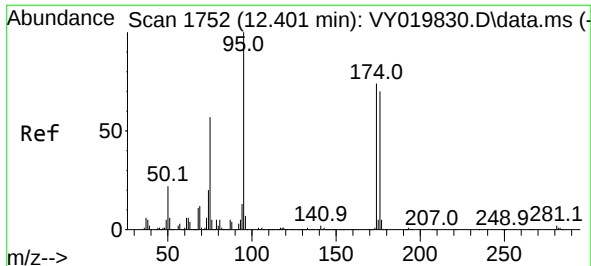
Tgt Ion: 98 Resp: 391624

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

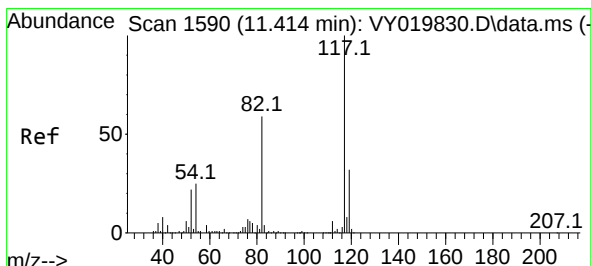
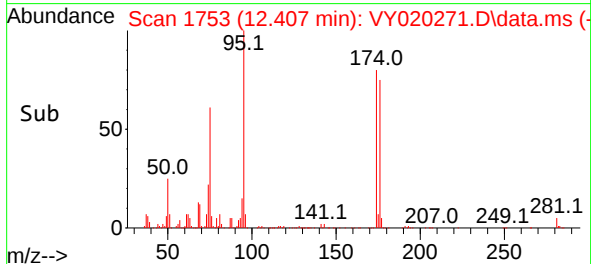
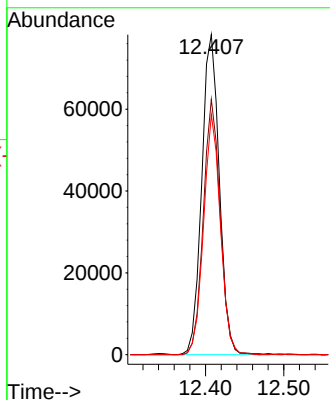
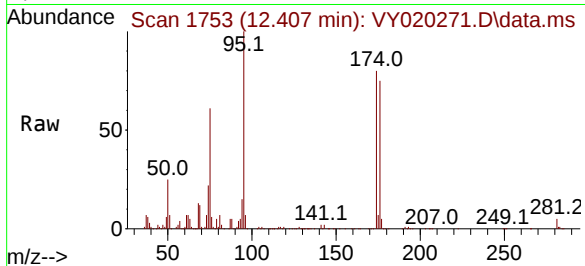




#62
4-Bromofluorobenzene
Concen: 42.034 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

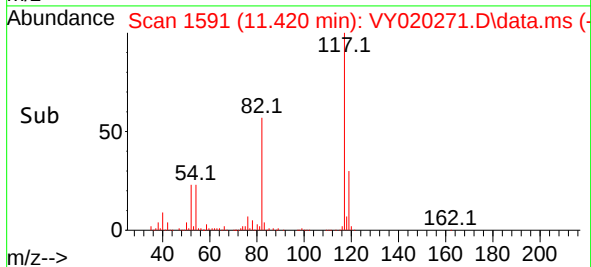
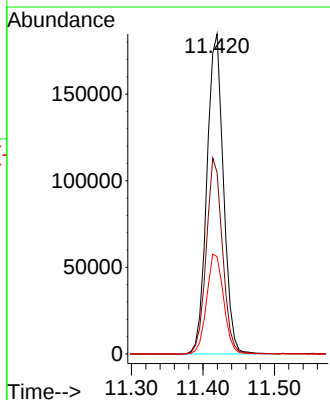
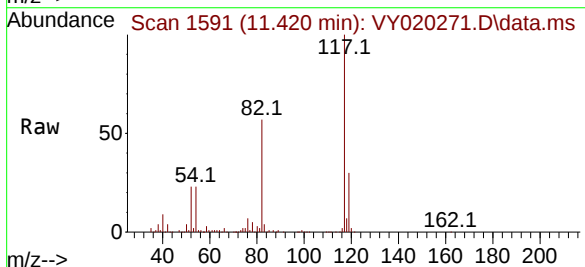
Instrument :
MSVOA_Y
ClientSampleId :

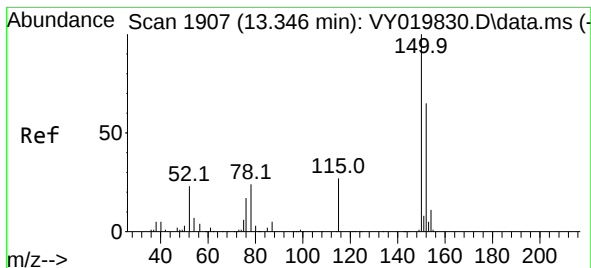
Tgt Ion: 95 Resp: 121630
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 71.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020271.D
Acq: 12 Nov 2024 16:35

Tgt Ion: 117 Resp: 296552
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 30.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020271.D

Acq: 12 Nov 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :

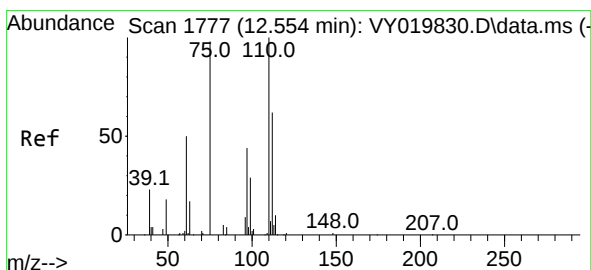
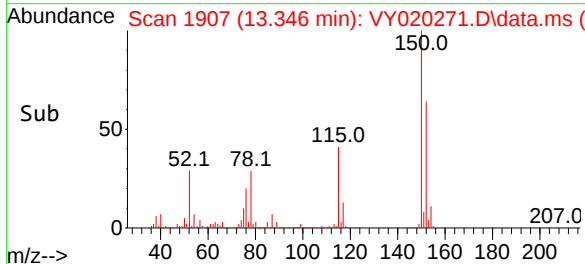
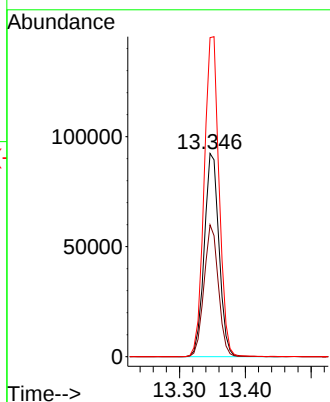
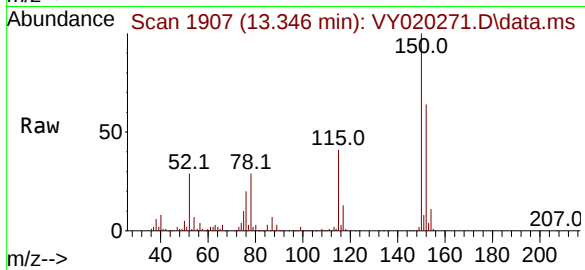
Tgt Ion:152 Resp: 143969

Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 159.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.115 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020271.D

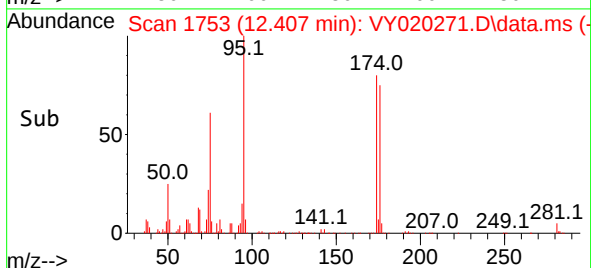
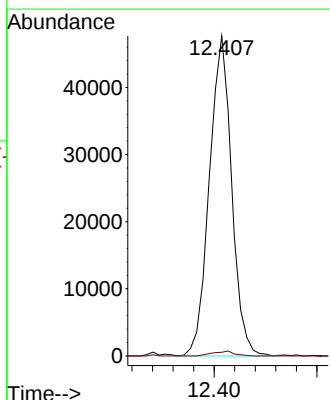
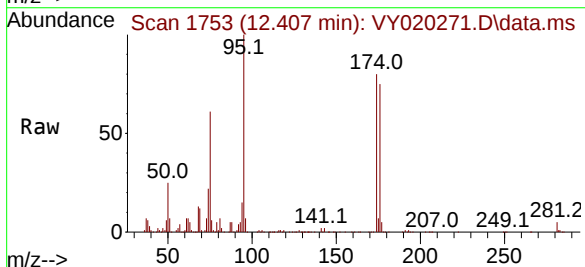
Acq: 12 Nov 2024 16:35

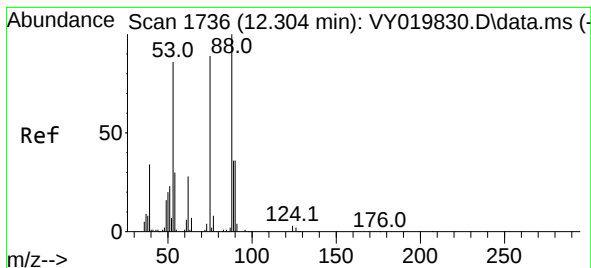
Tgt Ion: 75 Resp: 71682

Ion Ratio Lower Upper

75 100

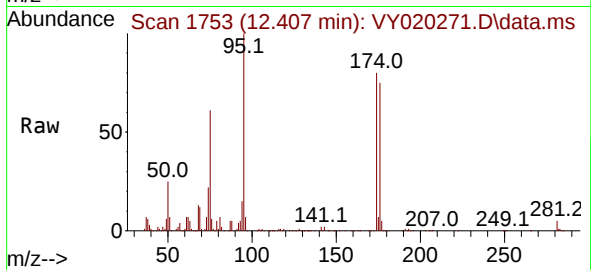
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.249 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020271.D
 Acq: 12 Nov 2024 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 71682
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

