

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019986.D
 Acq On : 23 Oct 2024 11:35
 Operator : SY/MD
 Sample : VY1023SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:04:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

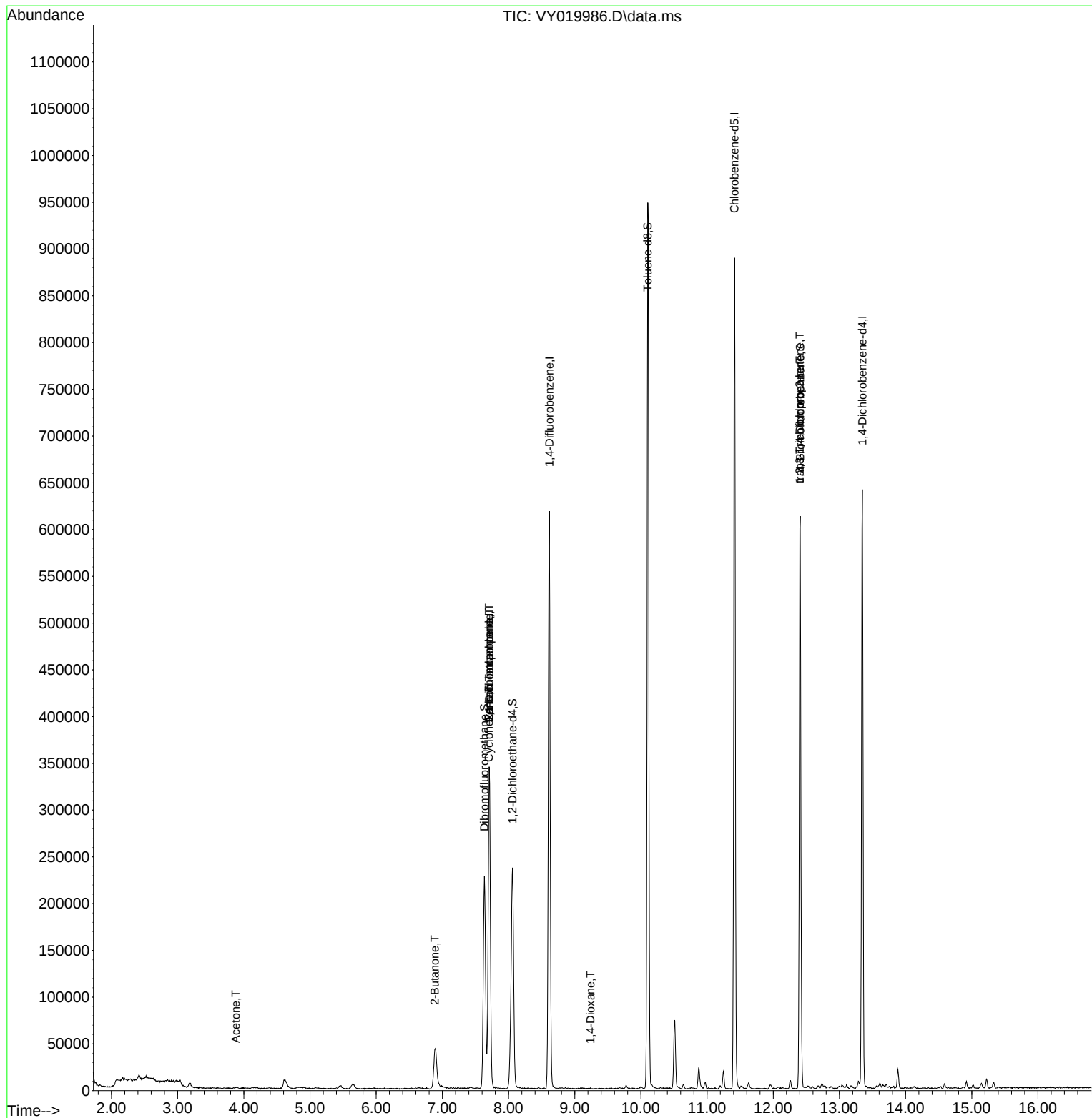
Internal Standards						
1) Pentafluorobenzene	7.707	168	239192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	486232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158528	53.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.660%	
35) Dibromofluoromethane	7.634	113	160195	49.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.103	98	595787	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.408	95	179787	41.993	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	1244	Below Cal	#	88
16) Acetone	3.879	43	2040	2.661	ug/l #	57
25) 2-Butanone	6.884	43	1589	1.548	ug/l #	70
31) Cyclohexane	7.701	56	6998	1.422	ug/l #	55
36) 1,1-Dichloropropene	7.707	75	23550	5.095	ug/l #	48
38) Carbon Tetrachloride	7.707	117	27629	5.575	ug/l #	16
49) 1,4-Dioxane	9.238	88	60	2.802	ug/l #	61
76) 1,2,3-Trichloropropane	12.402	75	103606	36.339	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	103606	146.679	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

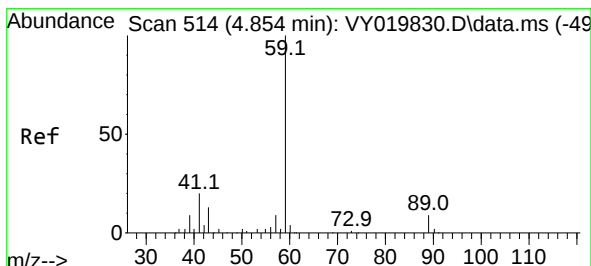
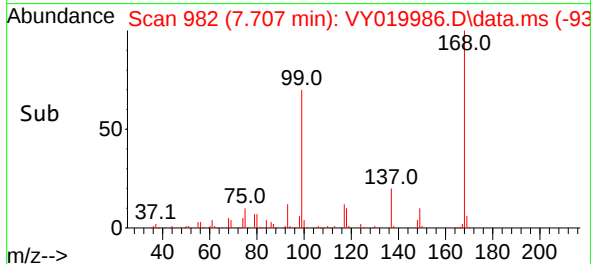
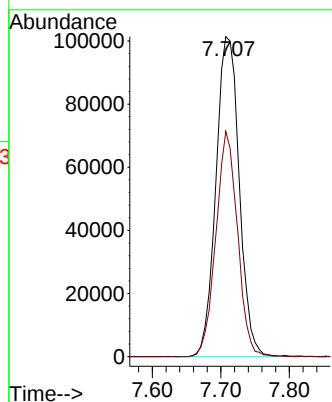
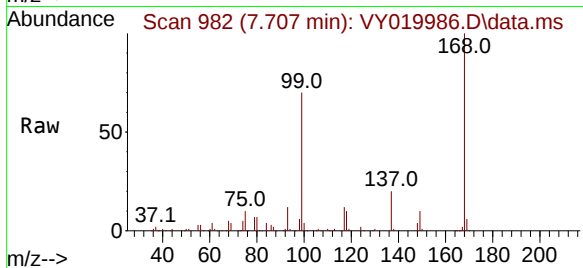




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

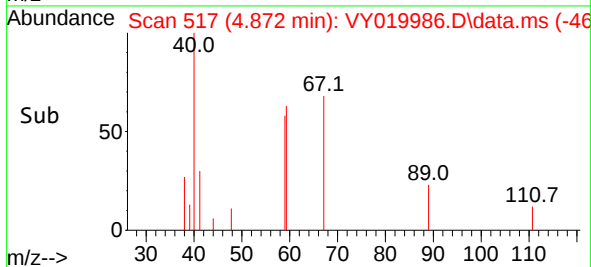
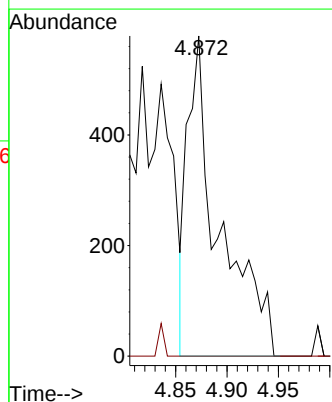
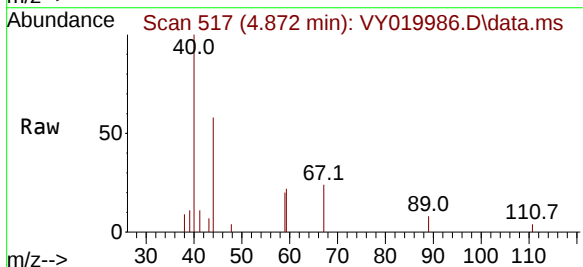
Instrument :
MSVOA_Y
ClientSampleId :

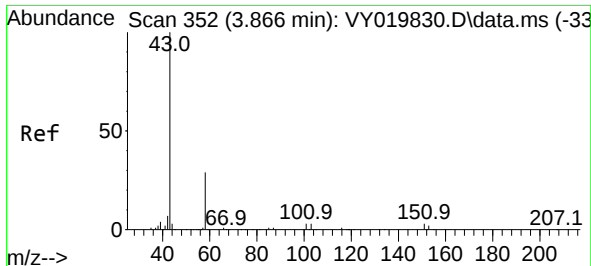
Tgt Ion:168 Resp: 239192
Ion Ratio Lower Upper
168 100
99 70.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

Tgt Ion: 59 Resp: 1244
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

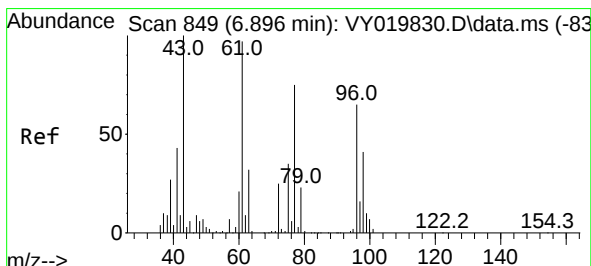
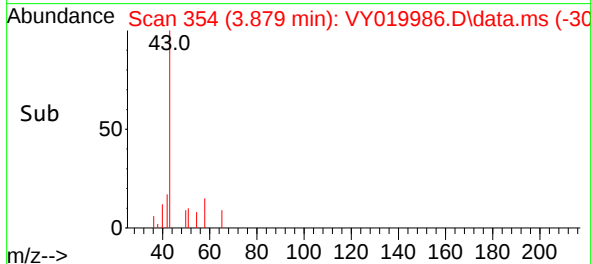
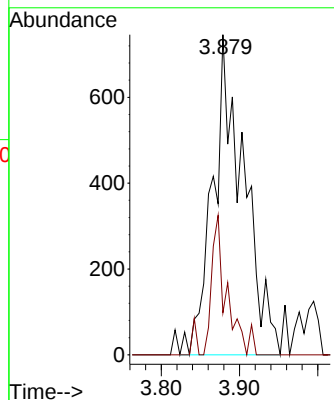
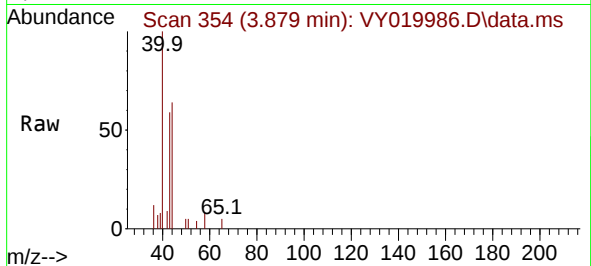




#16
Acetone
Concen: 2.661 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

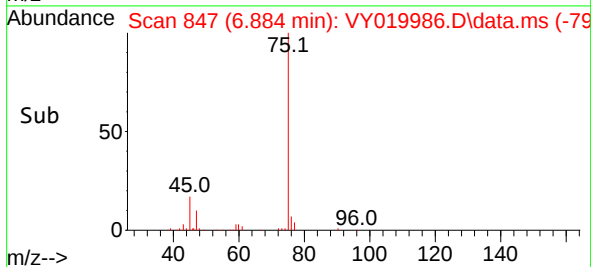
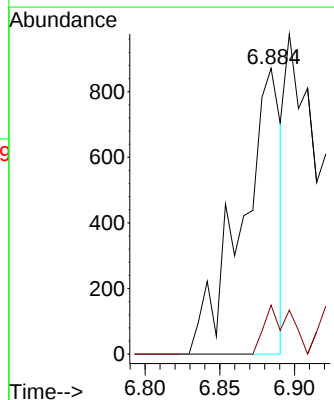
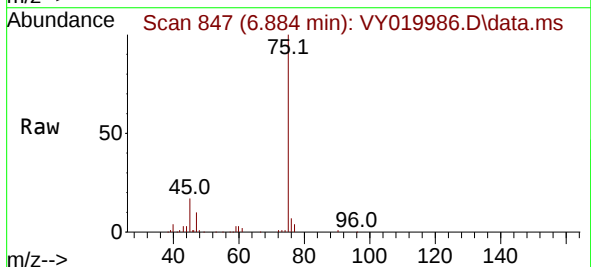
Instrument :
MSVOA_Y
ClientSampleId :

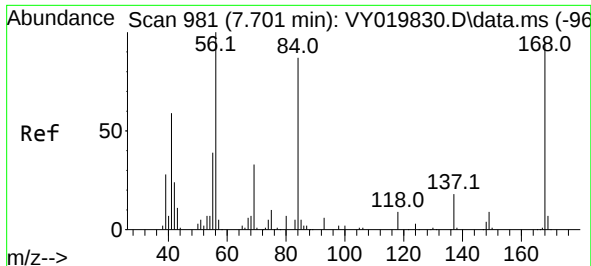
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 13.1 31.7 47.5#



#25
2-Butanone
Concen: 1.548 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

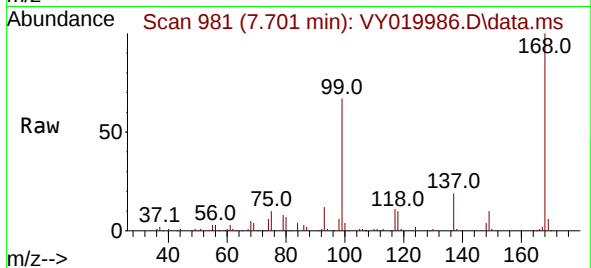
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
72 17.1 27.3 40.9#



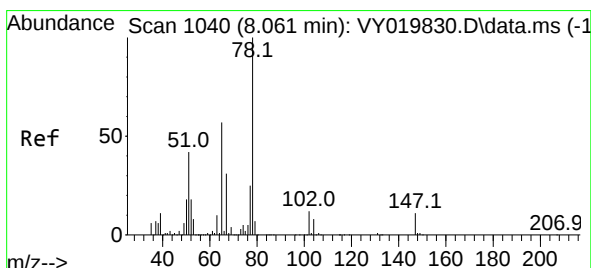
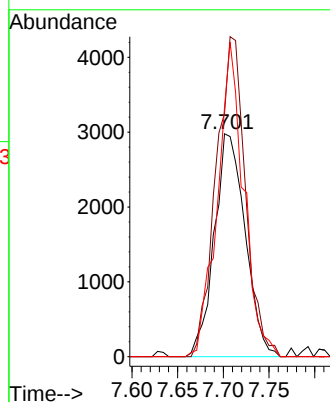
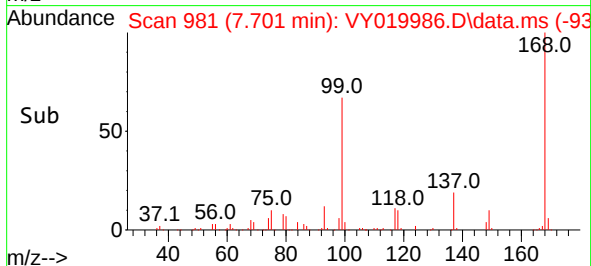


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

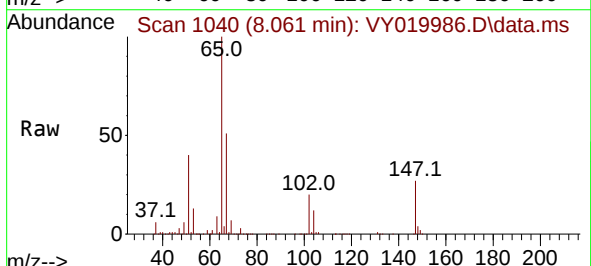
Instrument :
MSVOA_Y
ClientSampleId :



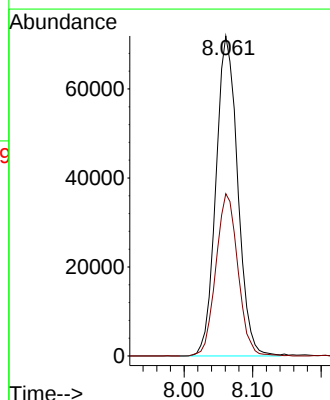
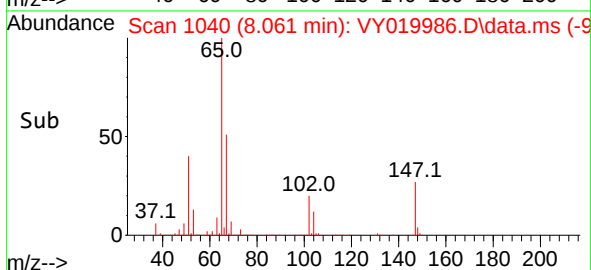
Tgt Ion: 56 Resp: 6998
Ion Ratio Lower Upper
56 100
69 109.0 28.7 43.1#
84 111.9 77.7 116.5

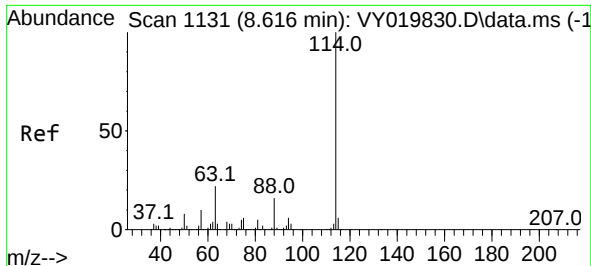


#33
1,2-Dichloroethane-d4
Concen: 53.827 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35



Tgt Ion: 65 Resp: 158528
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

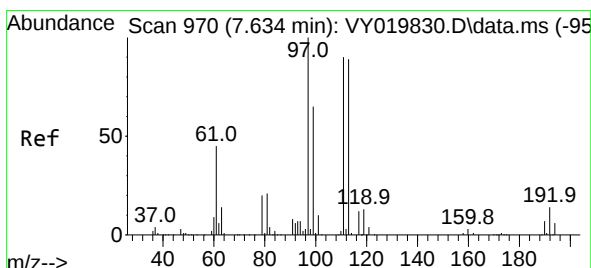
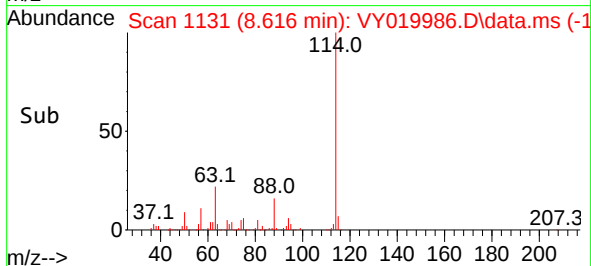
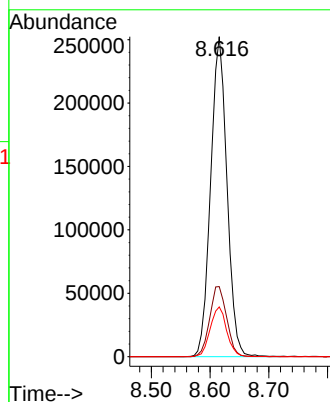
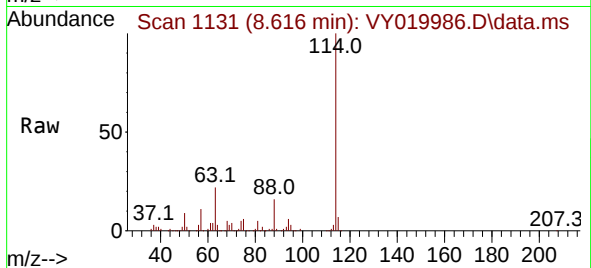
Tgt Ion:114 Resp: 486232

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.927 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

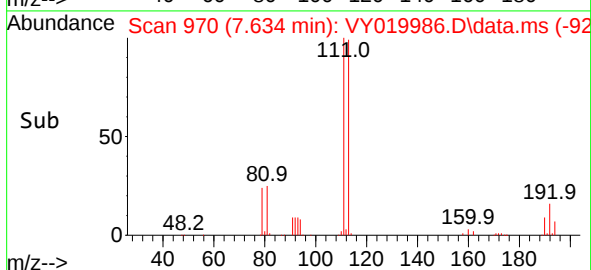
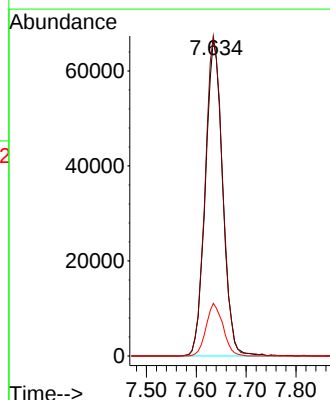
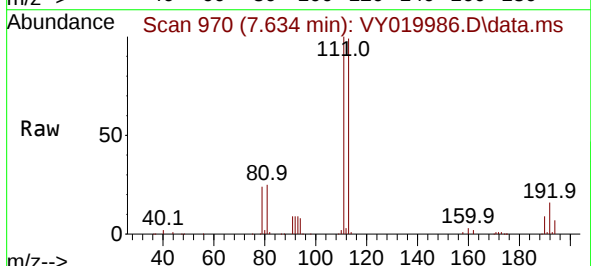
Tgt Ion:113 Resp: 160195

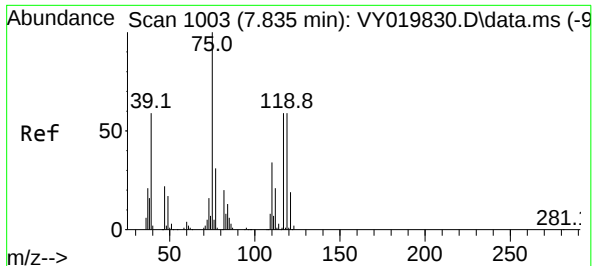
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 16.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

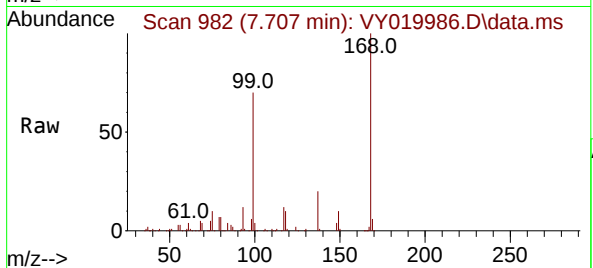
Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :



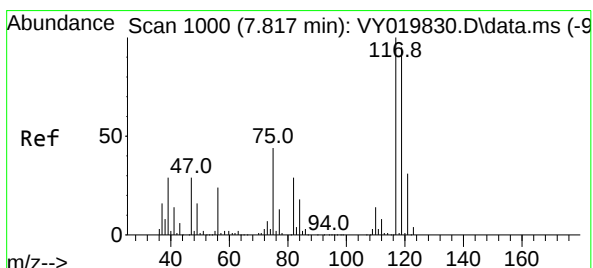
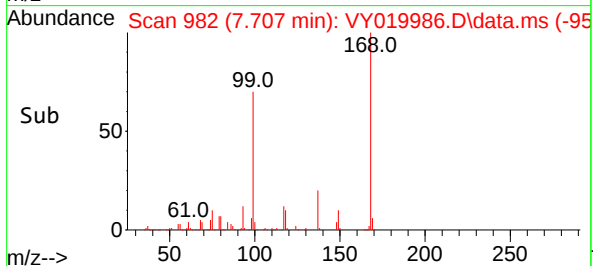
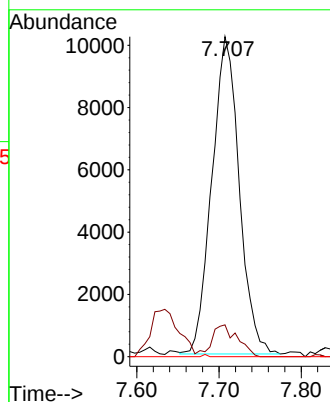
Tgt Ion: 75 Resp: 23550

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.575 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

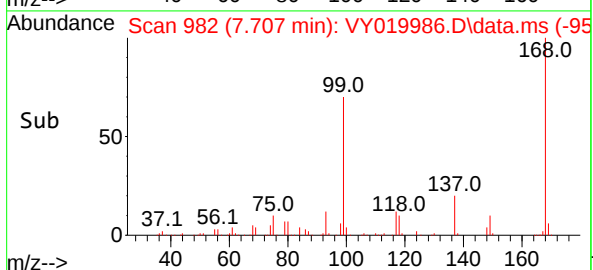
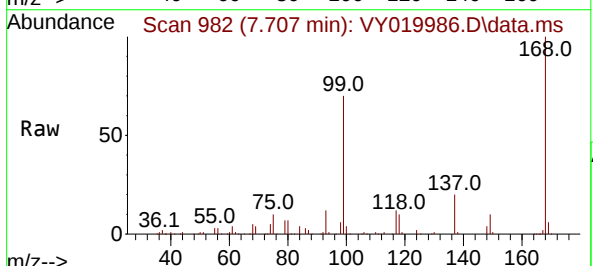
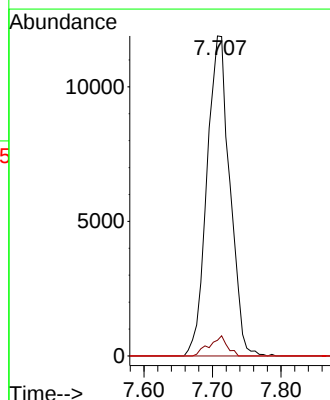
Tgt Ion: 117 Resp: 27629

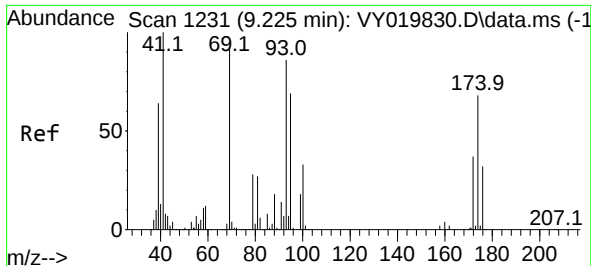
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.802 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.007 min

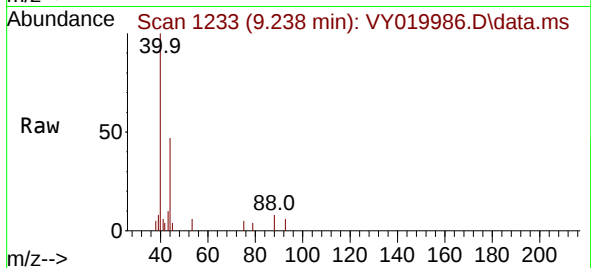
Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :



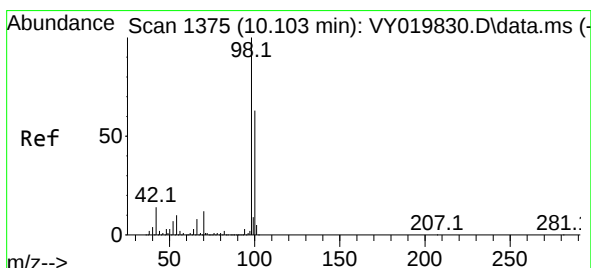
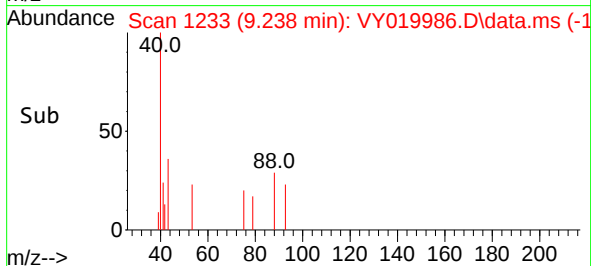
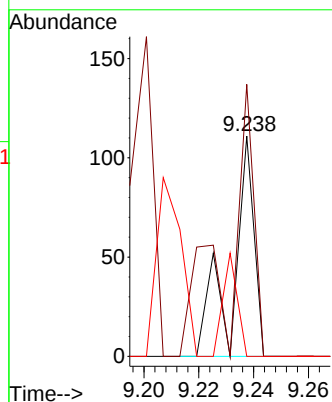
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 83.3 0.0 0.0#

58 31.7 49.3 73.9#



#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019986.D

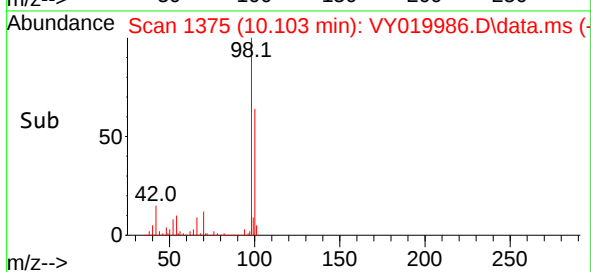
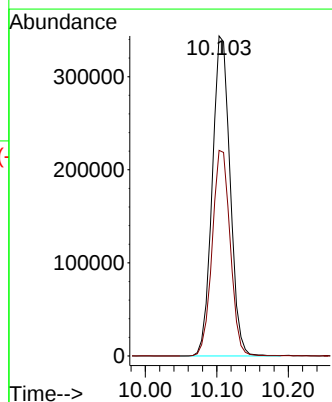
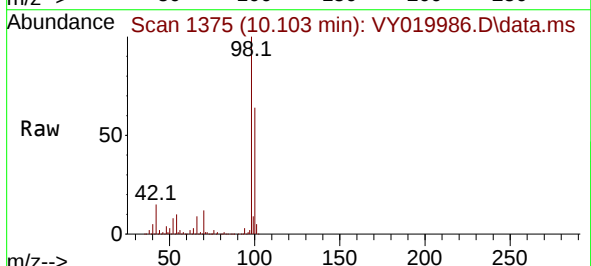
Acq: 23 Oct 2024 11:35

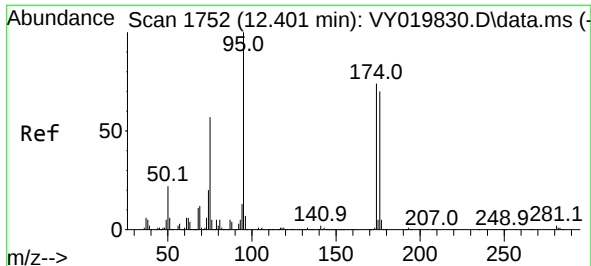
Tgt Ion: 98 Resp: 595787

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

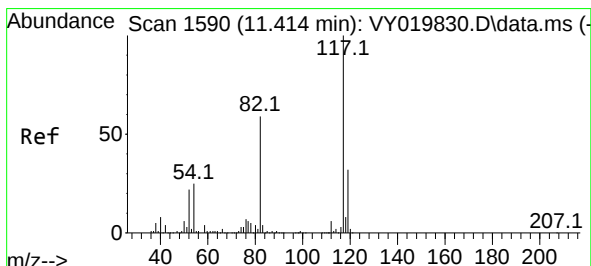
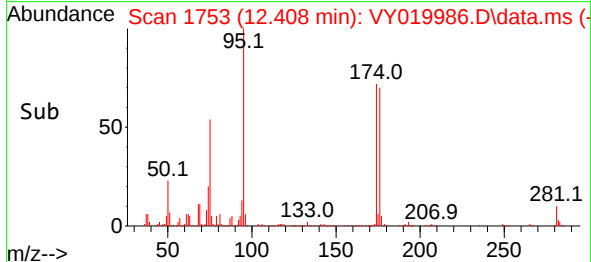
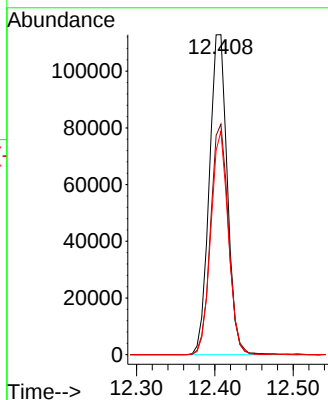
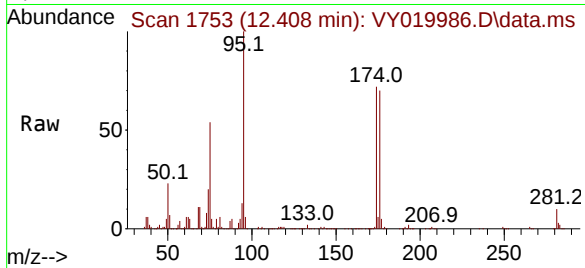




#62
4-Bromofluorobenzene
Concen: 41.993 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

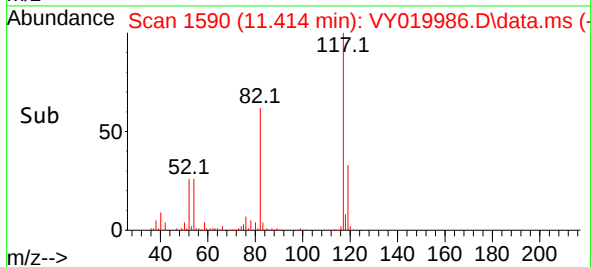
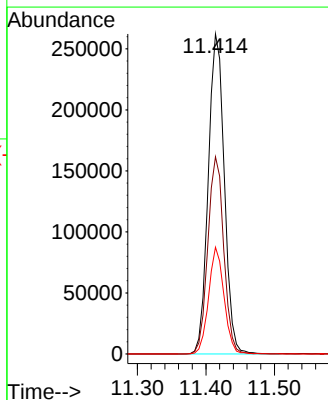
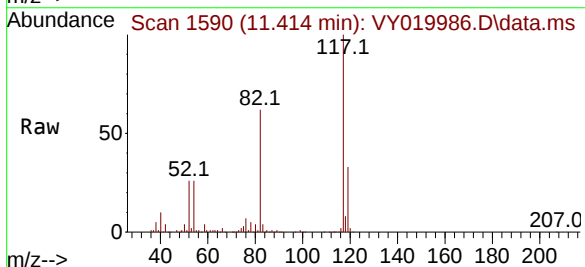
Instrument :
MSVOA_Y
ClientSampleId :

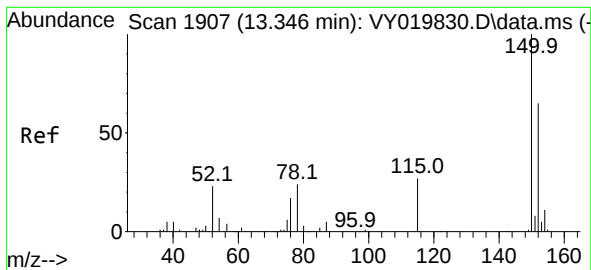
Tgt Ion: 95 Resp: 179787
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 67.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

Tgt Ion: 117 Resp: 427644
Ion Ratio Lower Upper
117 100
82 61.6 42.4 63.6
119 33.3 25.9 38.9

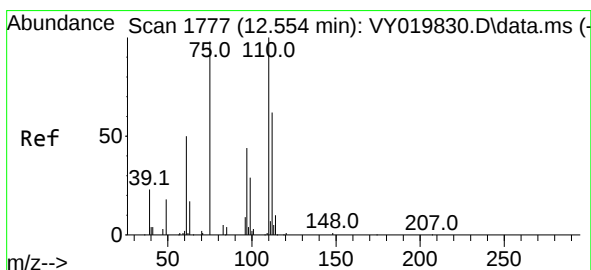
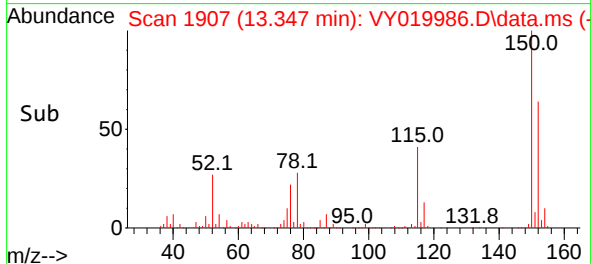
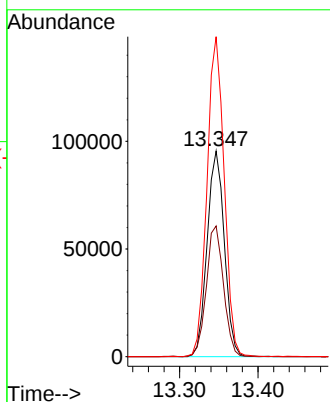
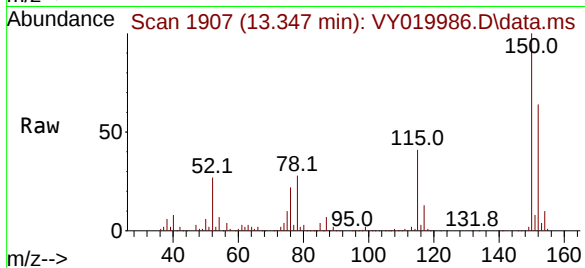




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

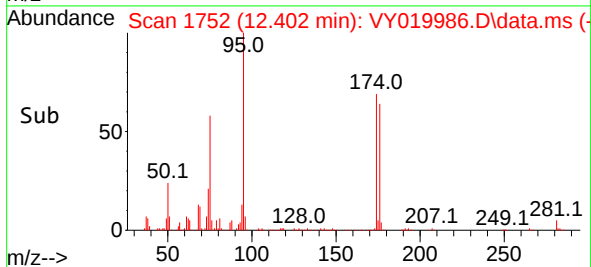
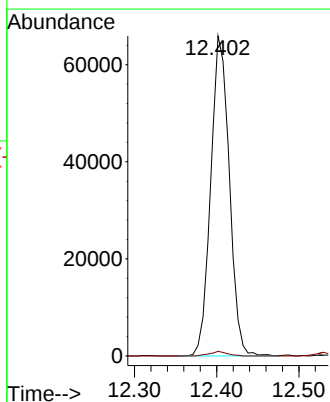
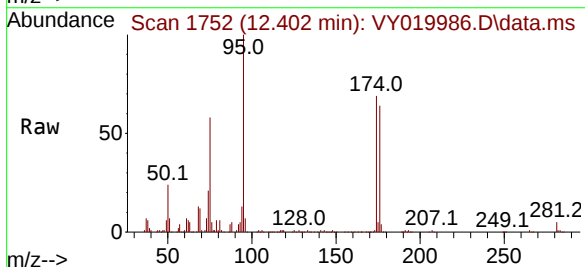
Instrument :
MSVOA_Y
ClientSampleId :

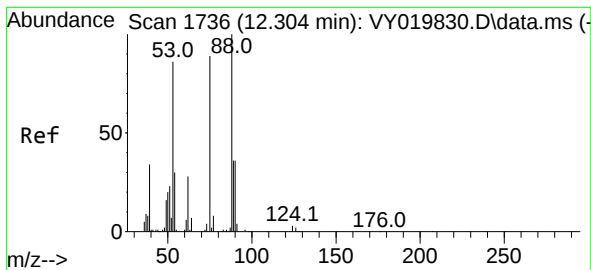
Tgt Ion:152 Resp: 145538
Ion Ratio Lower Upper
152 100
115 63.6 28.2 84.7
150 155.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 36.339 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

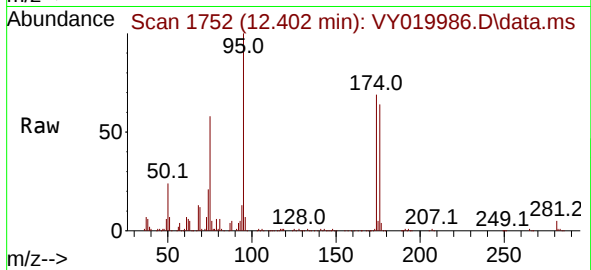
Tgt Ion: 75 Resp: 103606
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.679 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019986.D
 Acq: 23 Oct 2024 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 103606
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

