

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020190.D
 Acq On : 06 Nov 2024 18:37
 Operator : SY/MD
 Sample : P4706-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:30:50 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)

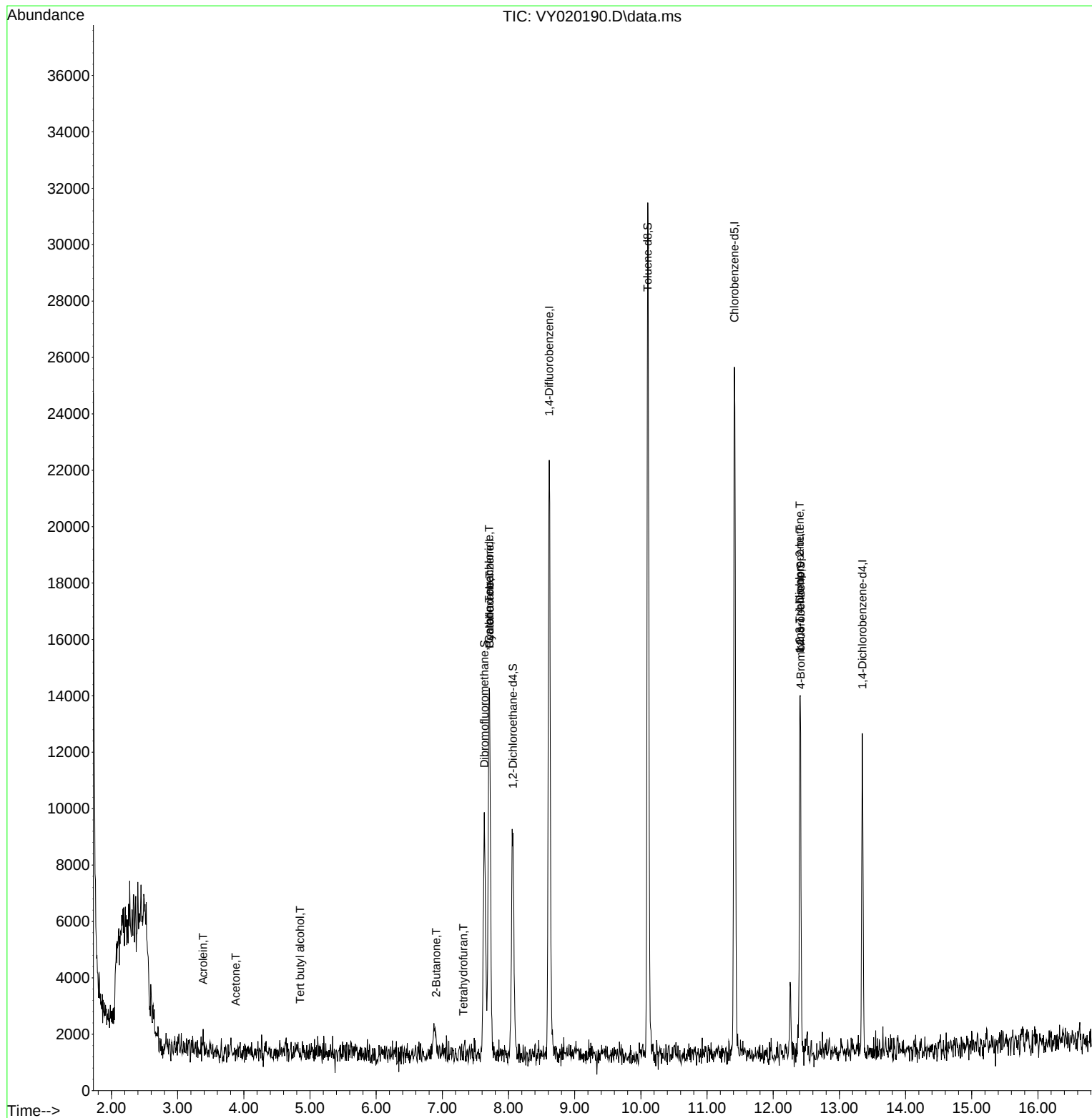
Internal Standards						
1) Pentafluorobenzene	7.713	168	10098	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	17828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12620	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6387	50.679	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.360%		
35) Dibromofluoromethane	7.634	113	6155	54.301	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.600%		
50) Toluene-d8	10.103	98	20201	44.773	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 89.540%		
62) 4-Bromofluorobenzene	12.414	95	4041	27.574	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 55.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	71	7.832	ug/l #	88
13) Acrolein	3.385	56	53	4.697	ug/l #	15
16) Acetone	3.879	43	140	4.777	ug/l #	36
25) 2-Butanone	6.909	43	47	1.183	ug/l #	41
29) Tetrahydrofuran	7.317	42	41	1.788	ug/l #	26
31) Cyclohexane	7.713	56	247	1.080	ug/l #	42
38) Carbon Tetrachloride	7.707	117	1343	7.627	ug/l #	13
76) 1,2,3-Trichloropropane	12.402	75	2527	115.748	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	2527	248.970	ug/l #	16

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

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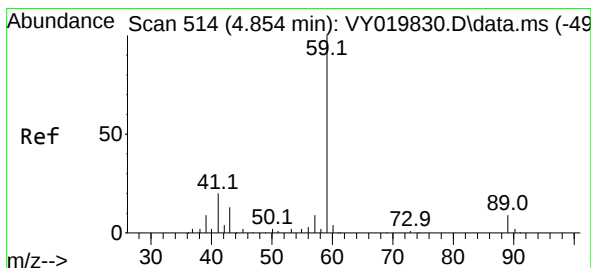
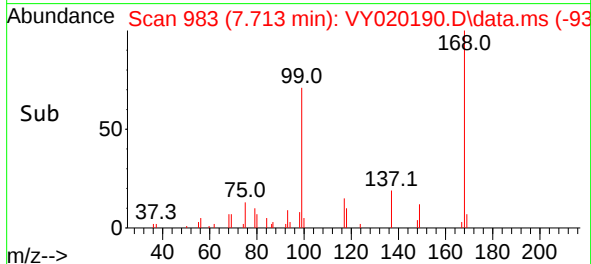
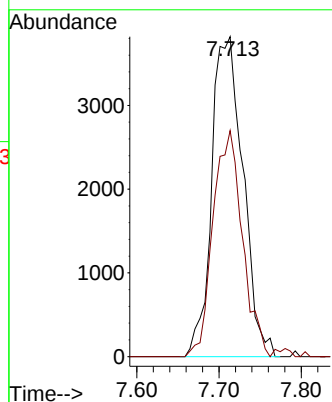
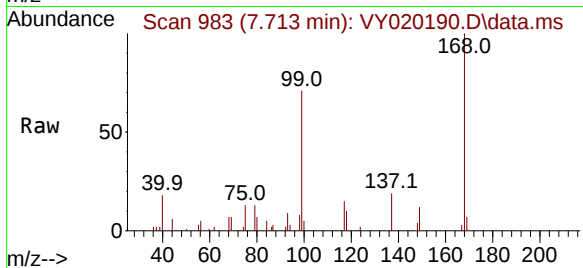




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

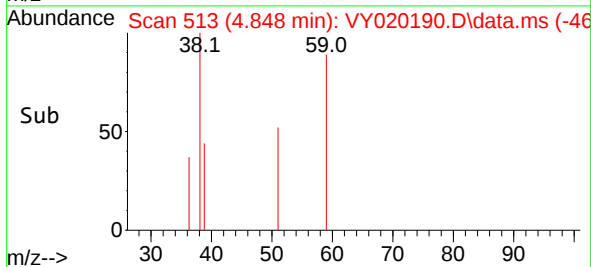
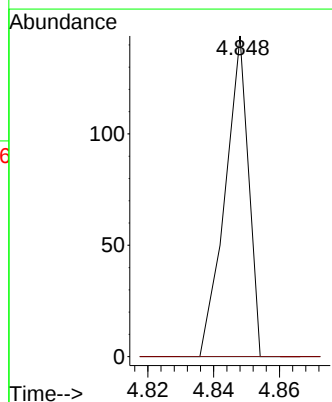
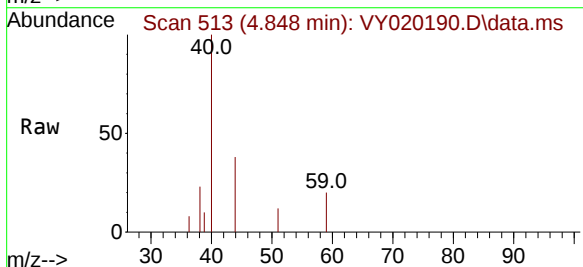
Instrument :
MSVOA_Y
ClientSampleId :

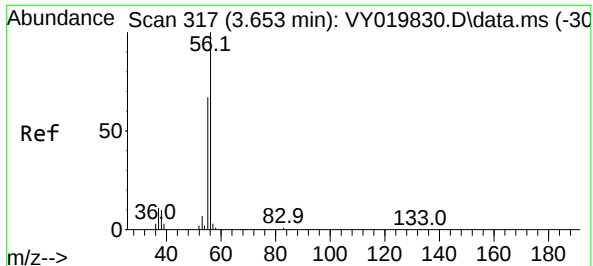
Tgt Ion:168 Resp: 10098
Ion Ratio Lower Upper
168 100
99 70.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 7.832 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

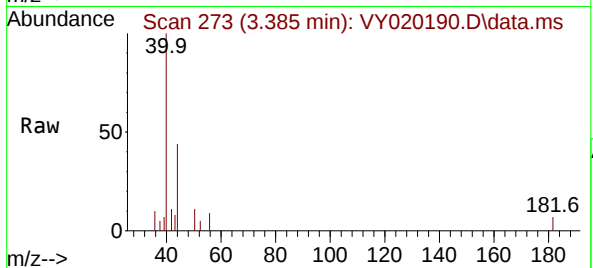
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



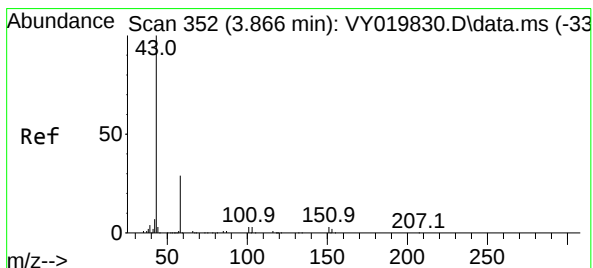
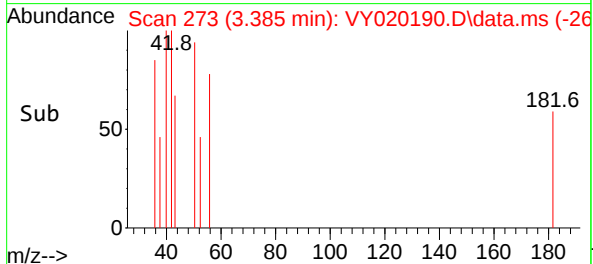
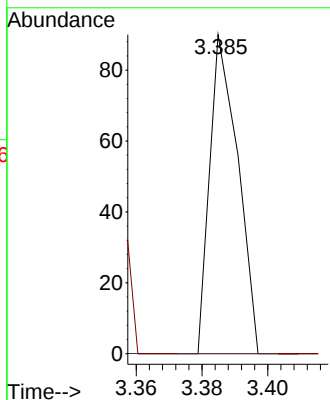


#13
Acrolein
Concen: 4.697 ug/l
RT: 3.385 min Scan# 21
Delta R.T. -0.268 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

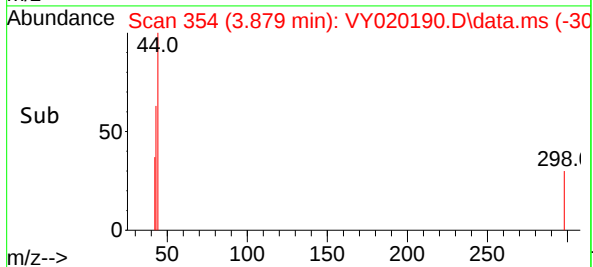
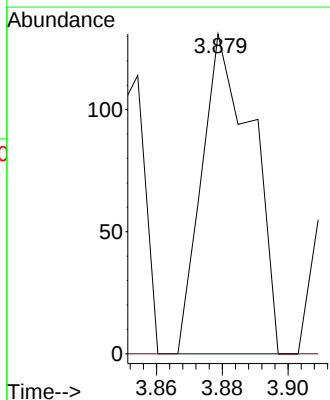
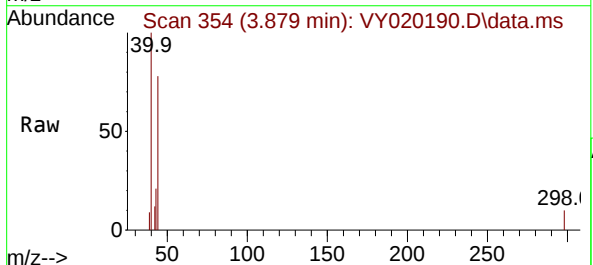


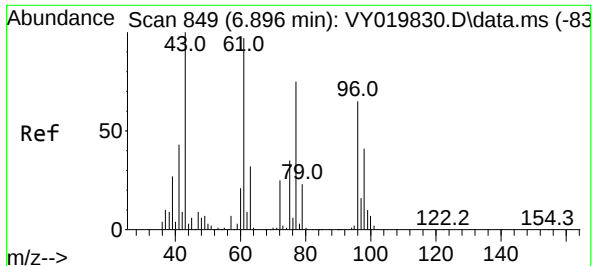
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 4.777 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 1.183 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.019 min

Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

Instrument :

MSVOA_Y

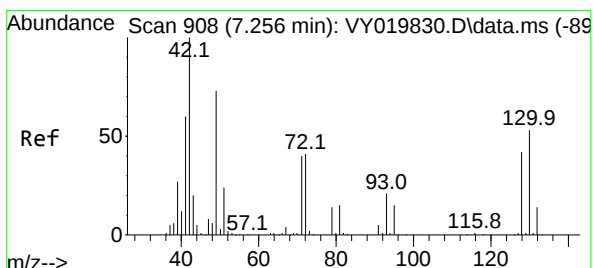
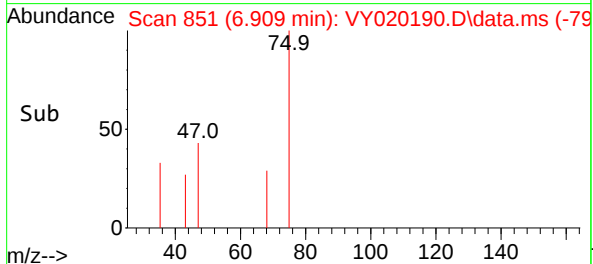
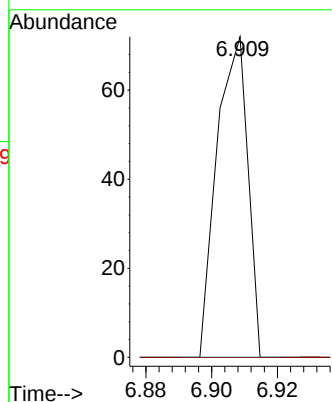
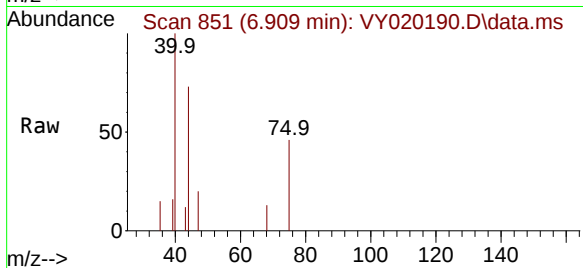
ClientSampleId :

Tgt Ion: 43 Resp: 47

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.788 ug/l

RT: 7.317 min Scan# 918

Delta R.T. 0.055 min

Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

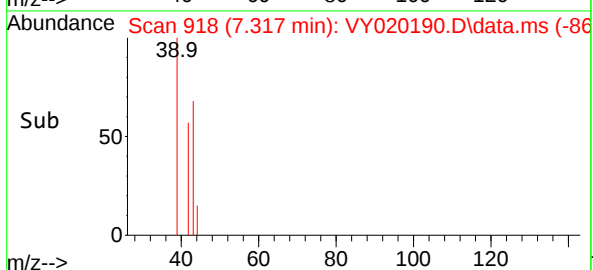
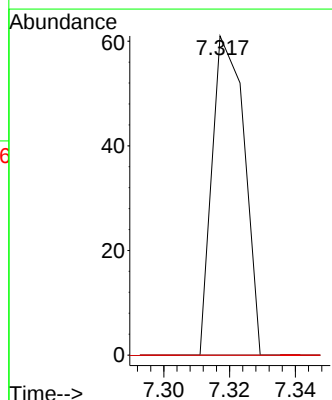
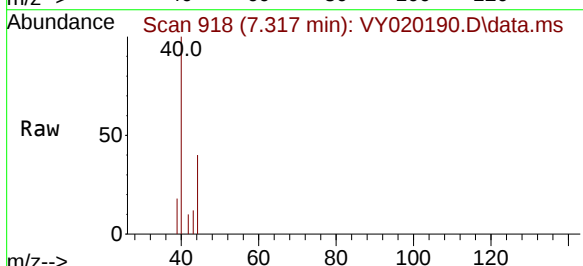
Tgt Ion: 42 Resp: 41

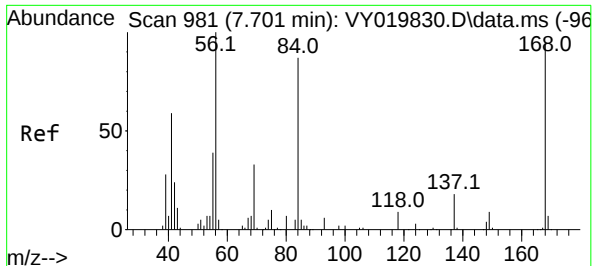
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

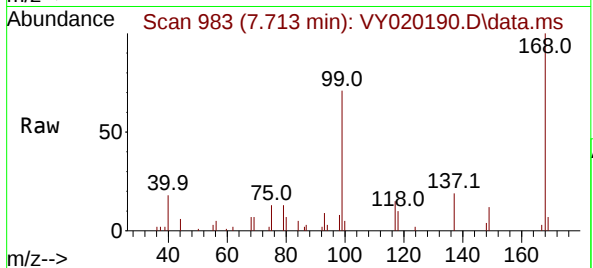
71 0.0 40.8 61.2#



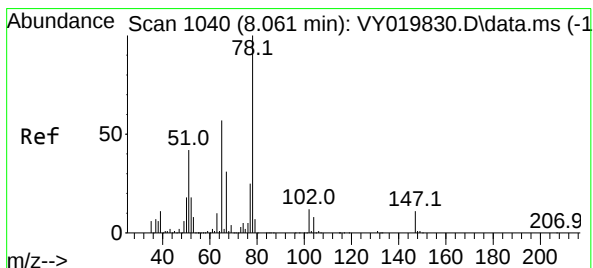
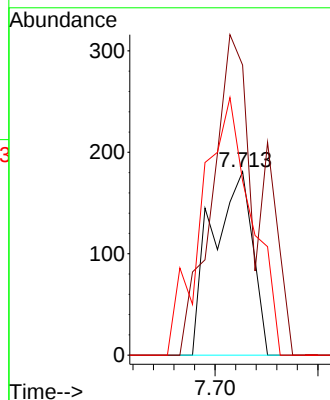
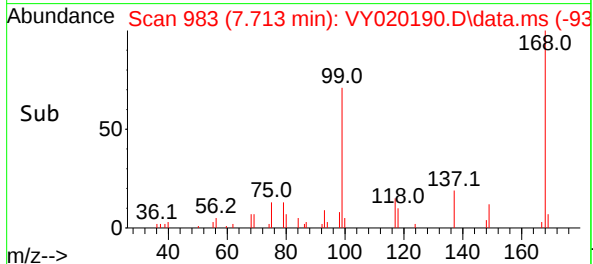


#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

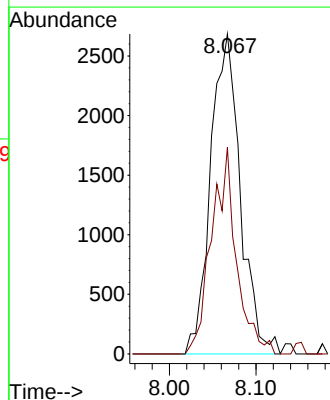
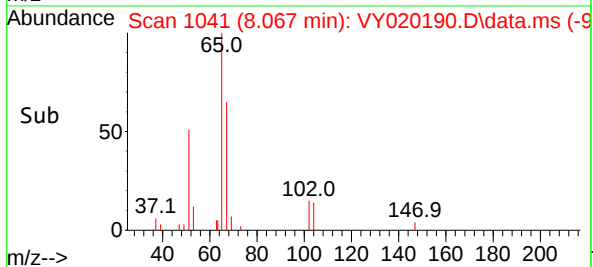
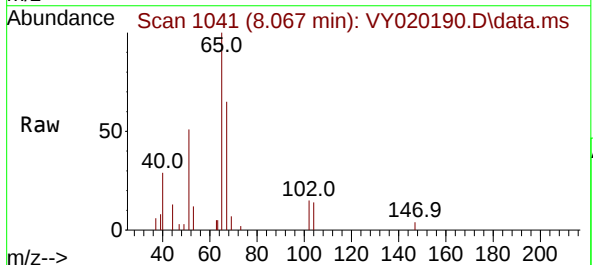


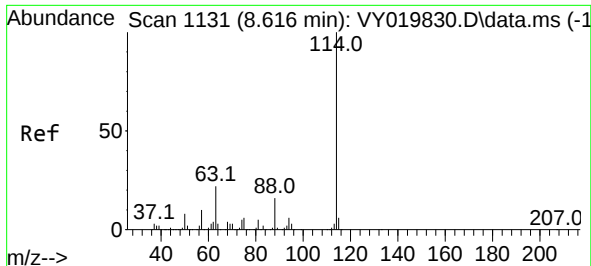
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
69 158.0 28.7 43.1#
84 95.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.679 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Tgt Ion: 65 Resp: 6387
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

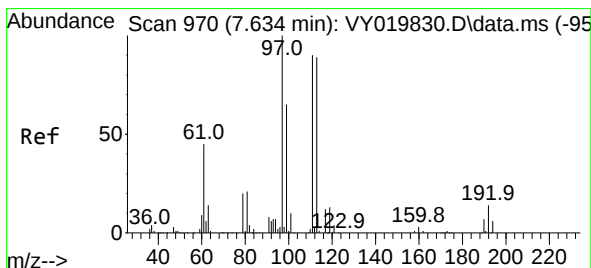
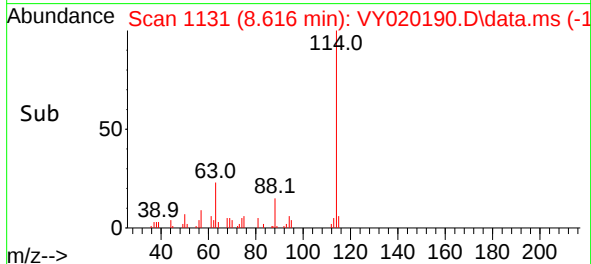
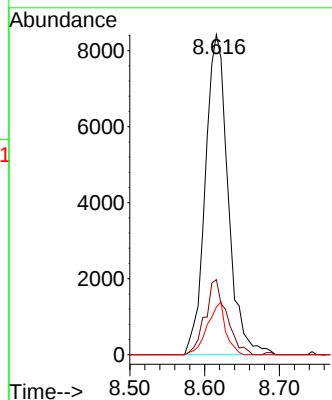
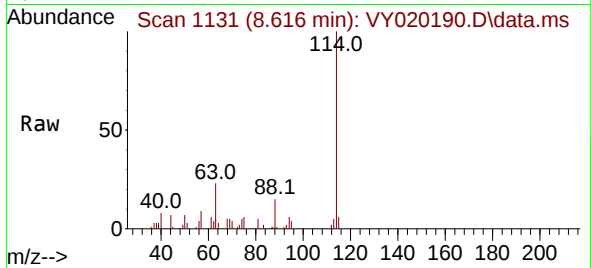




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

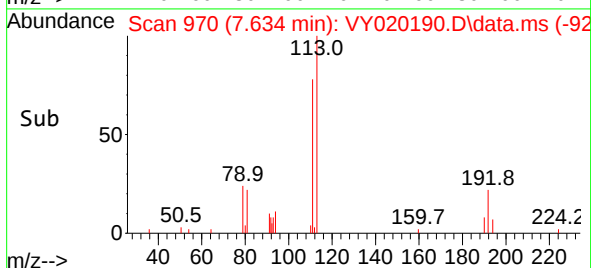
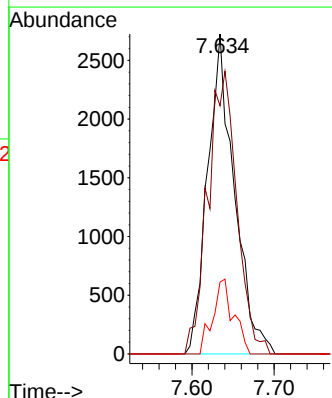
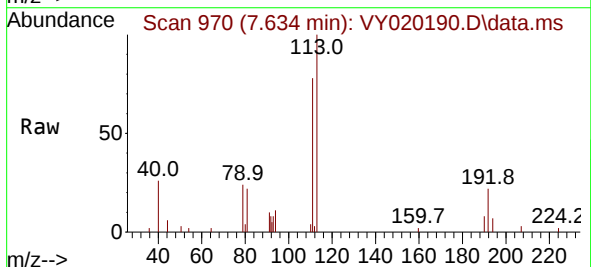
Instrument :
MSVOA_Y
ClientSampleId :

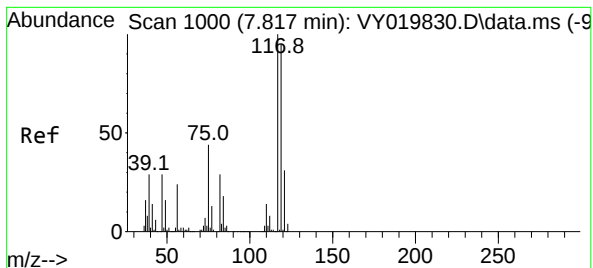
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	14.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.301 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.2	82.2	123.4
192	18.1	15.9	23.9





#38

Carbon Tetrachloride

Concen: 7.627 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

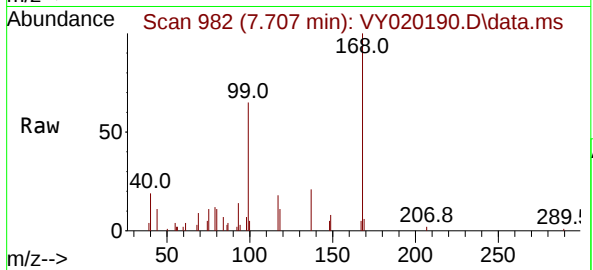
Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :



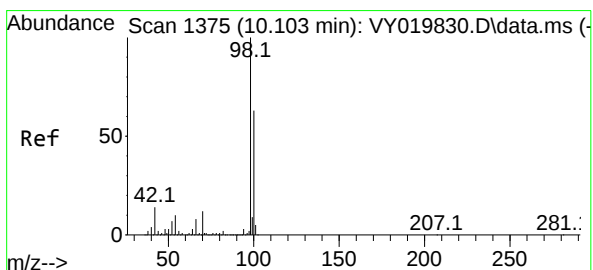
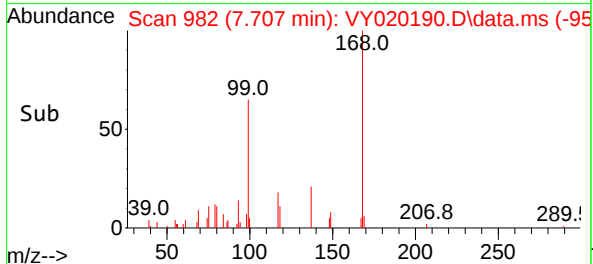
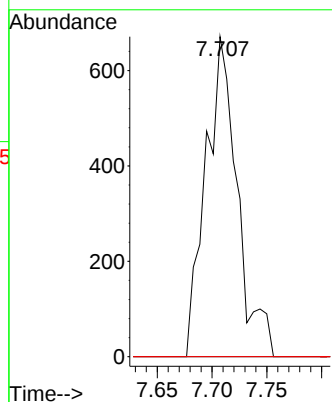
Tgt Ion:117 Resp: 1343

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 44.773 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020190.D

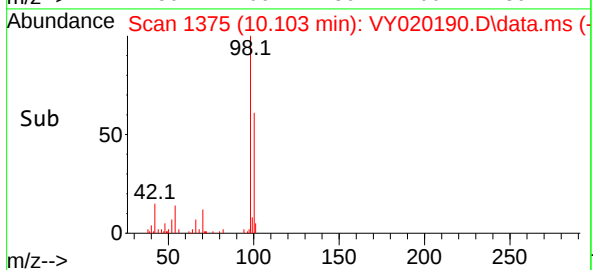
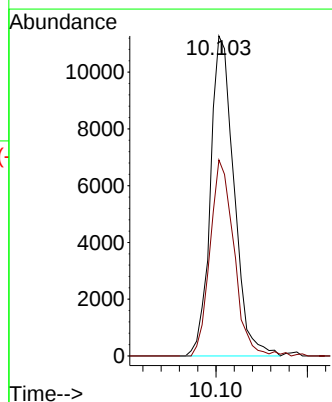
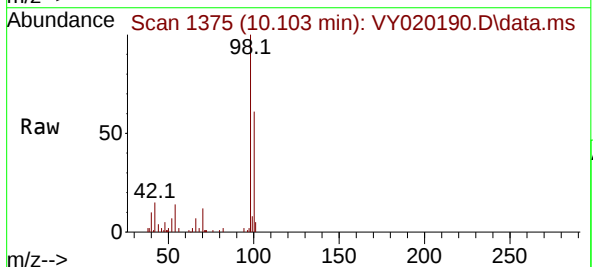
Acq: 06 Nov 2024 18:37

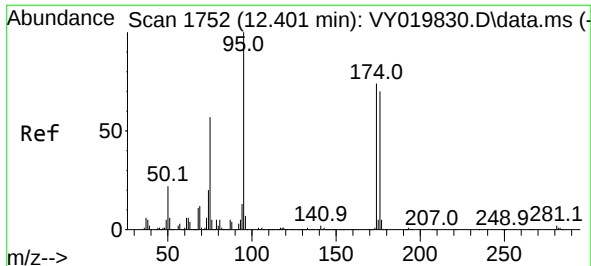
Tgt Ion: 98 Resp: 20201

Ion Ratio Lower Upper

98 100

100 61.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 27.574 ug/l

RT: 12.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

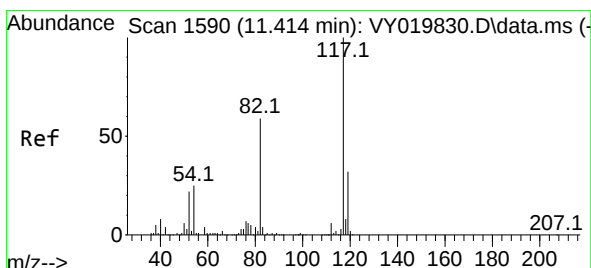
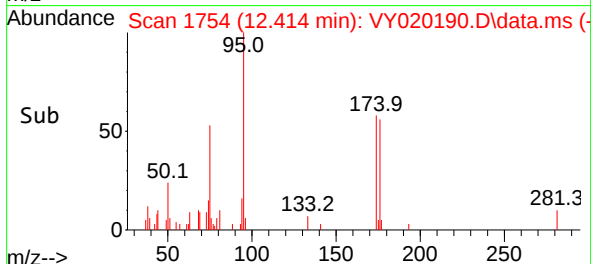
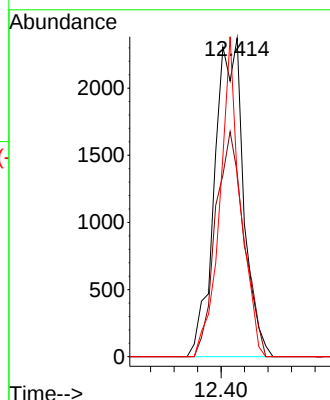
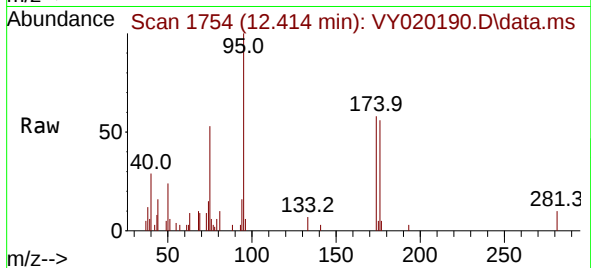
Tgt Ion: 95 Resp: 4041

Ion Ratio Lower Upper

95 100

174 69.5 0.0 175.6

176 70.9 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: VY020190.D

Acq: 06 Nov 2024 18:37

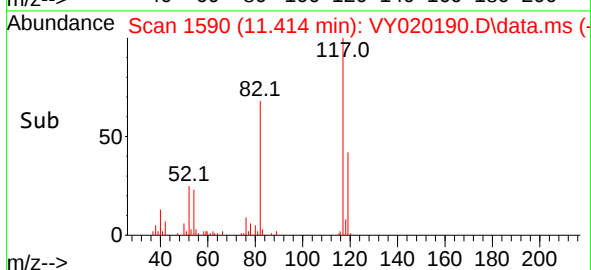
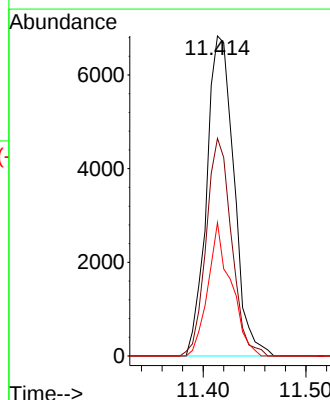
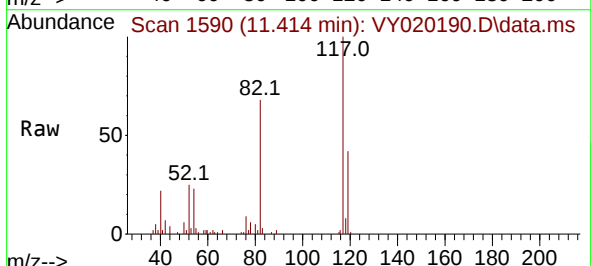
Tgt Ion: 117 Resp: 12620

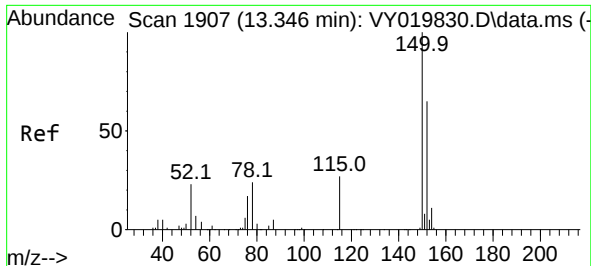
Ion Ratio Lower Upper

117 100

82 68.0 42.4 63.6#

119 41.7 25.9 38.9#

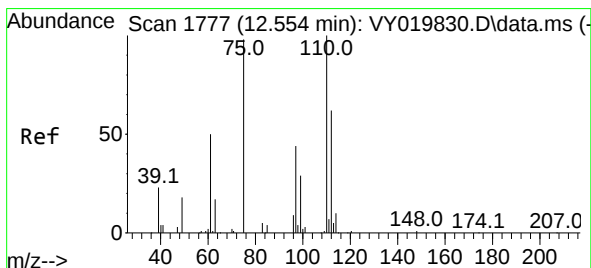
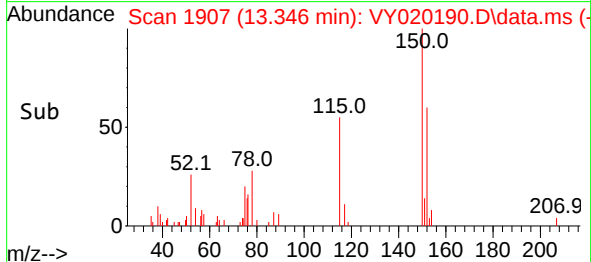
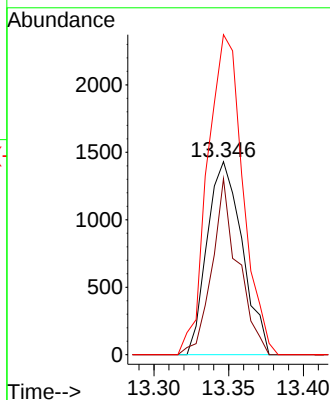
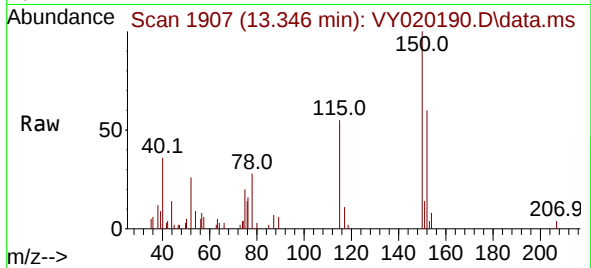




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020190.D
 Acq: 06 Nov 2024 18:37

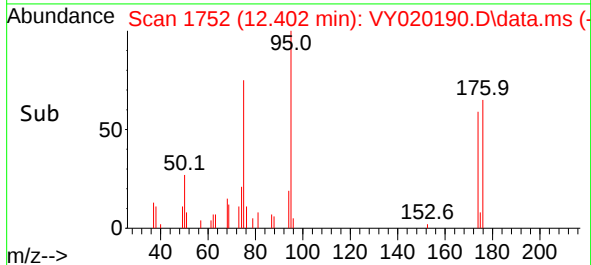
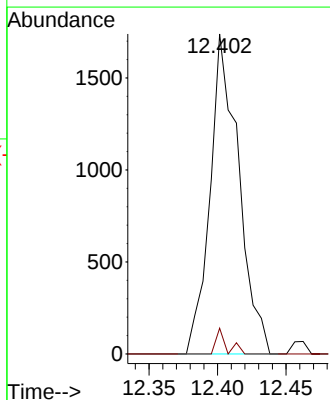
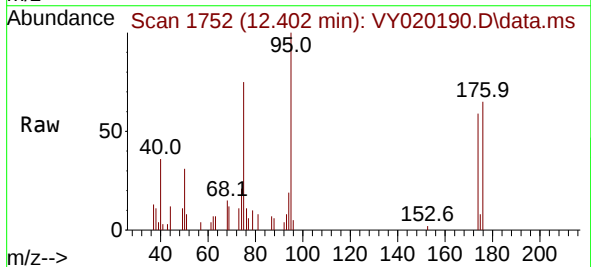
Instrument :
 MSVOA_Y
 ClientSampleId :

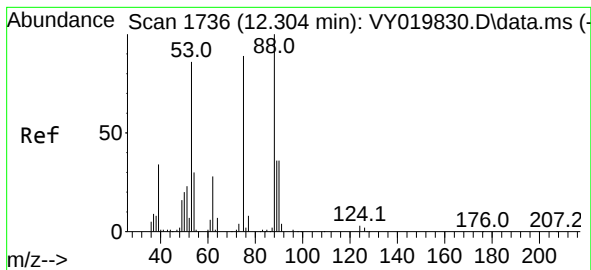
Tgt Ion:152 Resp: 2329
 Ion Ratio Lower Upper
 152 100
 115 67.7 28.2 84.7
 150 167.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 115.748 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020190.D
 Acq: 06 Nov 2024 18:37

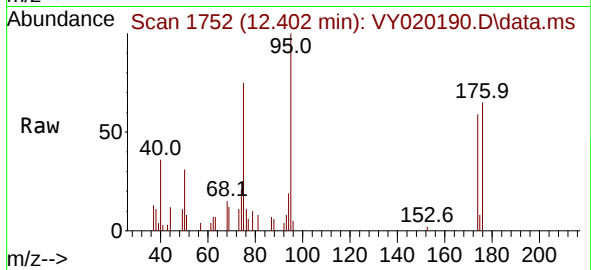
Tgt Ion: 75 Resp: 2527
 Ion Ratio Lower Upper
 75 100
 77 2.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 248.970 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020190.D
 Acq: 06 Nov 2024 18:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 2527

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

