

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018896.D
 Acq On : 23 Jul 2024 13:45
 Operator : SY/MD
 Sample : VY0723SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 24 01:45:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

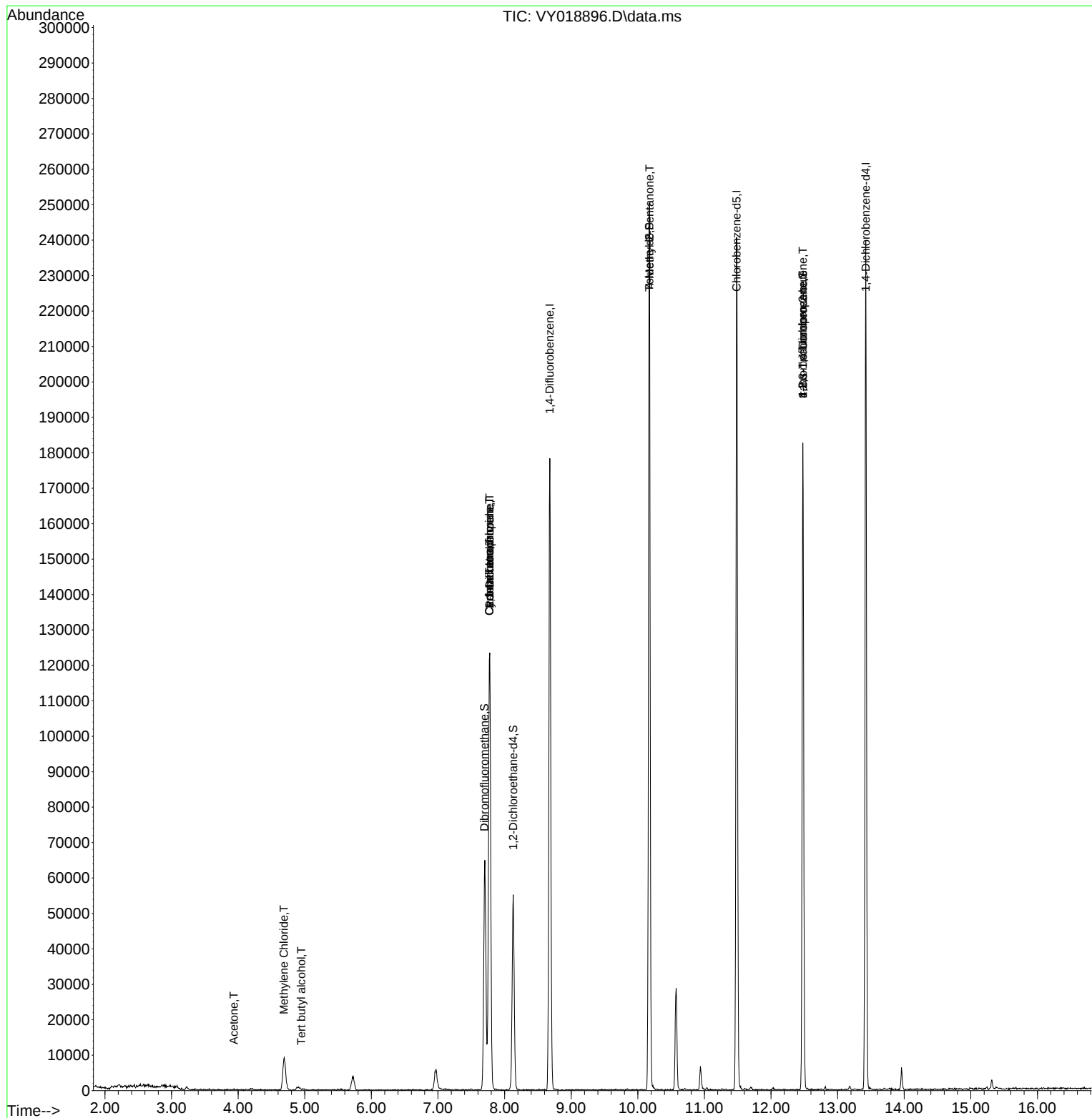
Internal Standards						
1) Pentafluorobenzene	7.777	168	100468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	154084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	131494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41529	42.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.020%
35) Dibromofluoromethane	7.697	113	43688	45.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.172	98	159283	43.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.120%
62) 4-Bromofluorobenzene	12.477	95	51225	41.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	150	1.498	ug/l #	88
16) Acetone	3.936	43	245	1.344	ug/l	93
20) Methylene Chloride	4.686	84	6987	2.004	ug/l #	85
31) Cyclohexane	7.771	56	1811	1.192	ug/l #	51
36) 1,1-Dichloropropene	7.777	75	7044	5.289	ug/l #	50
38) Carbon Tetrachloride	7.771	117	10156	6.331	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	593	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	28144	59.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28144	133.001	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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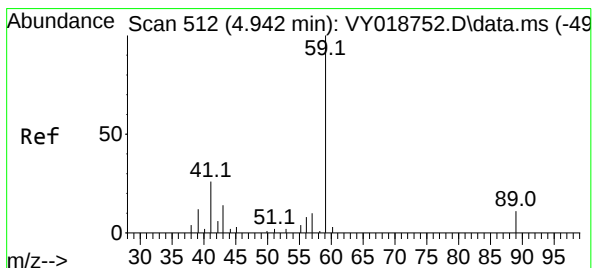
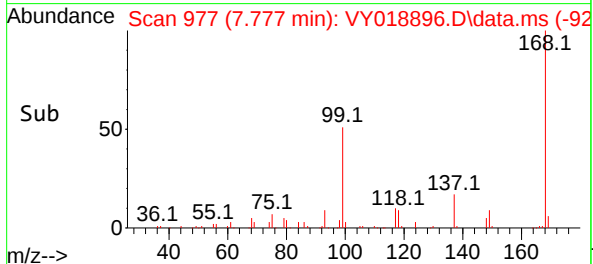
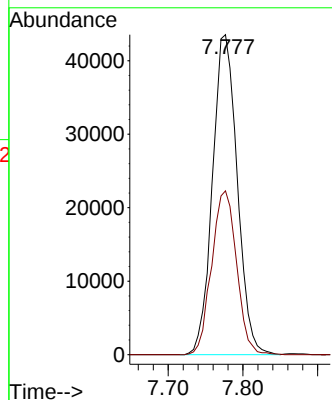
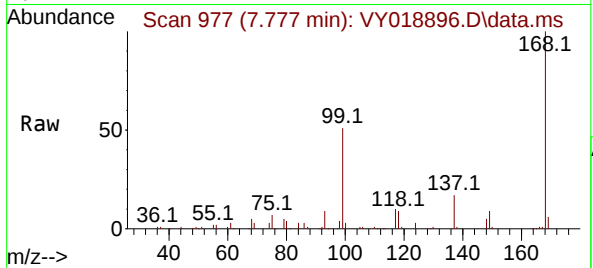




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

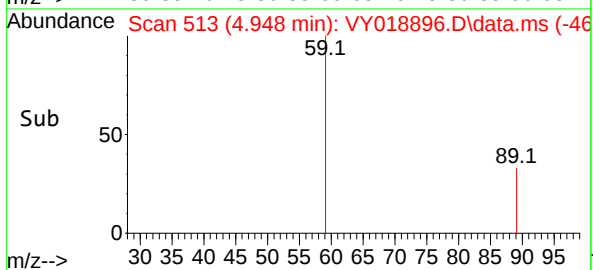
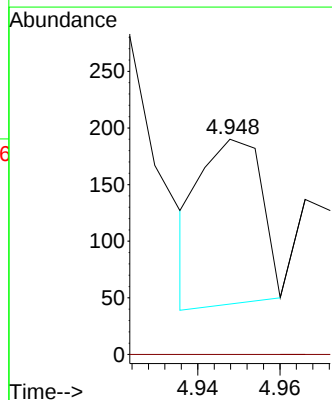
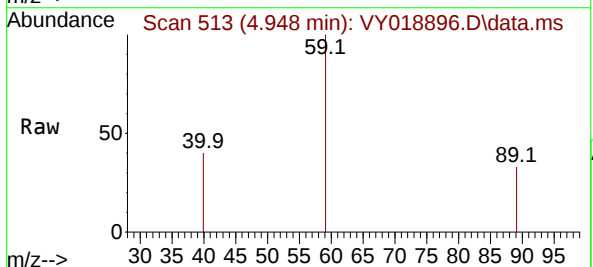
Instrument :
MSVOA_Y
ClientSampleId :

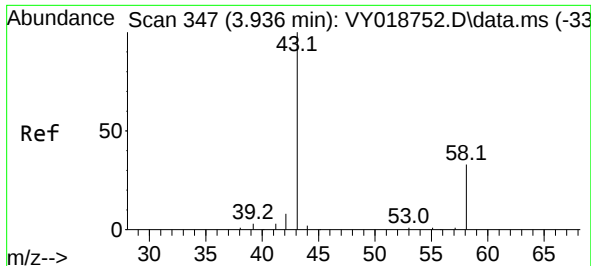
Tgt Ion:168 Resp: 100468
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.498 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.344 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

Instrument :

MSVOA_Y

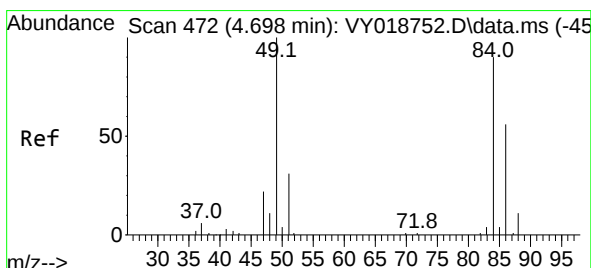
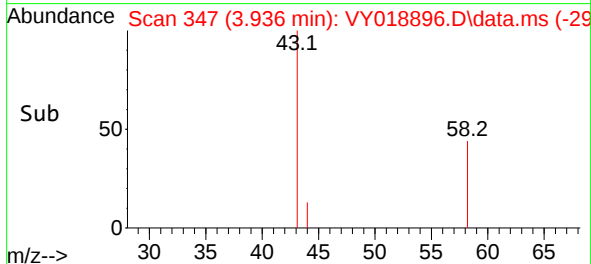
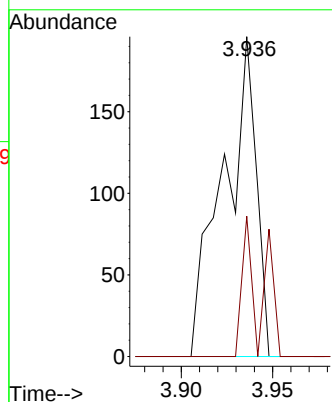
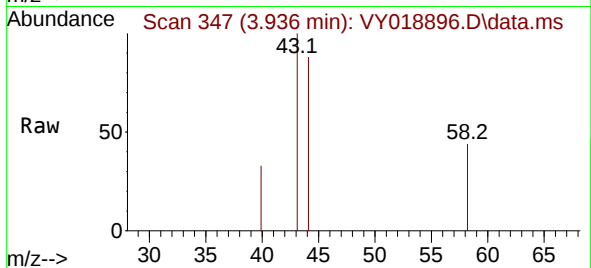
ClientSampleId :

Tgt Ion: 43 Resp: 245

Ion Ratio Lower Upper

43 100

58 43.9 31.7 47.5



#20

Methylene Chloride

Concen: 2.004 ug/l

RT: 4.686 min Scan# 470

Delta R.T. -0.012 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

Tgt Ion: 84 Resp: 6987

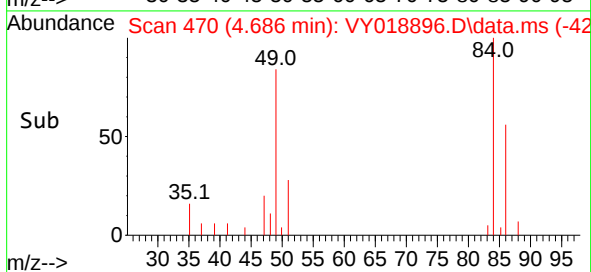
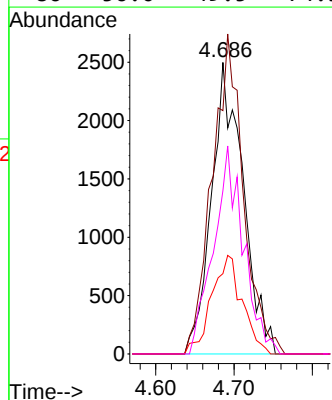
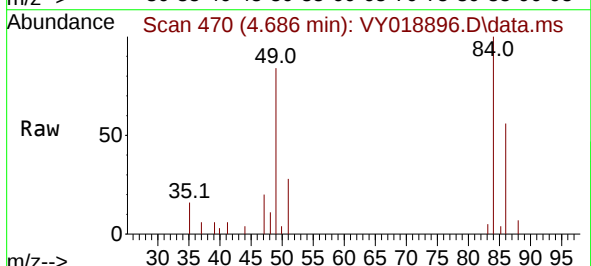
Ion Ratio Lower Upper

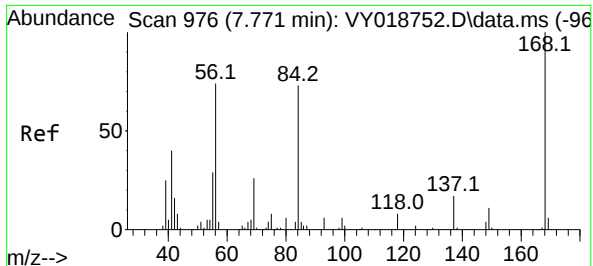
84 100

49 83.5 84.4 126.6#

51 27.5 26.0 39.0

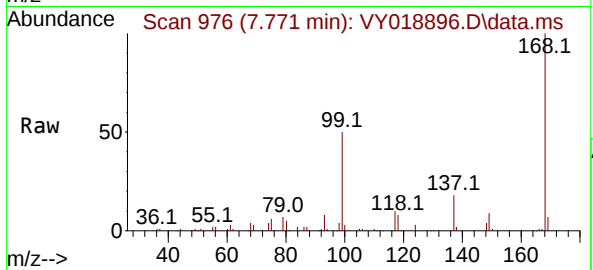
86 56.0 49.5 74.3



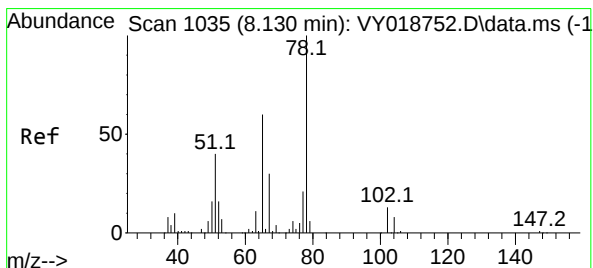
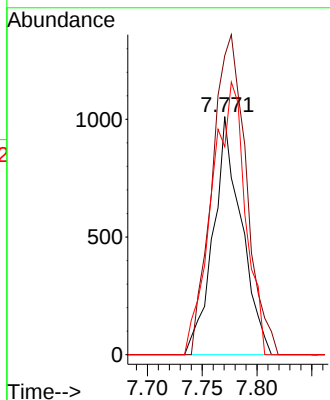
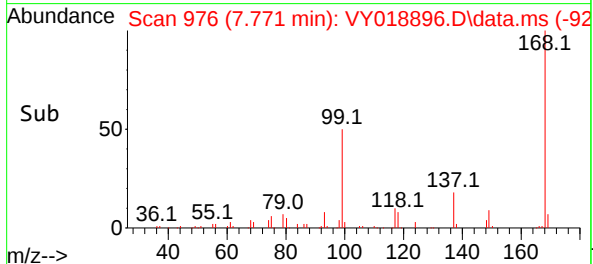


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Instrument :
MSVOA_Y
ClientSampleId :

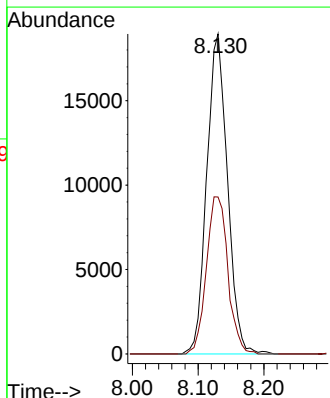
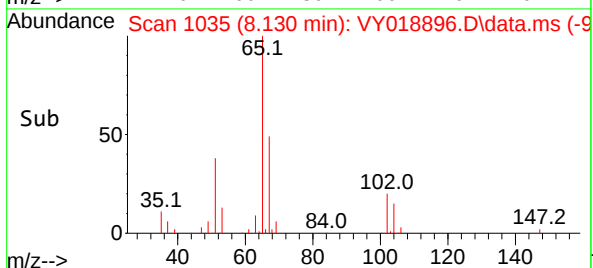
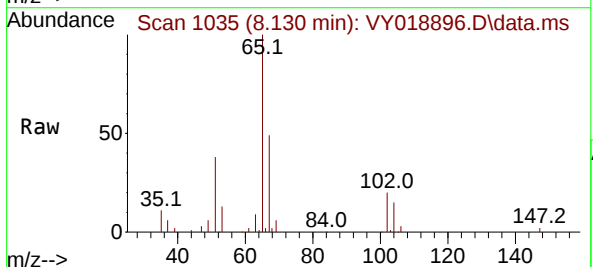


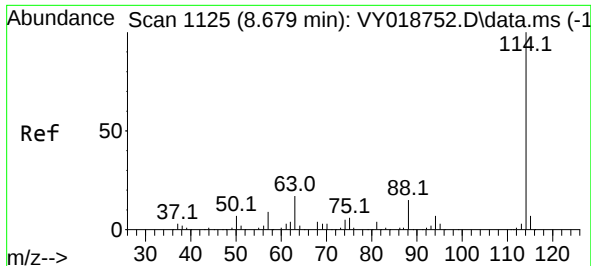
Tgt Ion: 56 Resp: 1811
Ion Ratio Lower Upper
56 100
69 125.6 28.7 43.1#
84 87.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 42.007 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Tgt Ion: 65 Resp: 41529
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

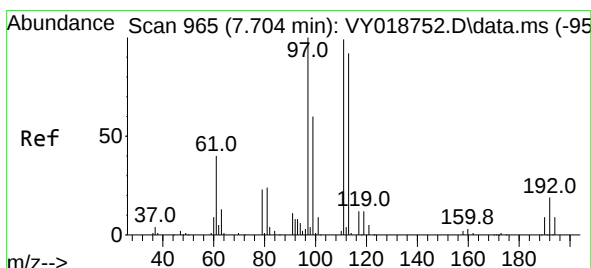
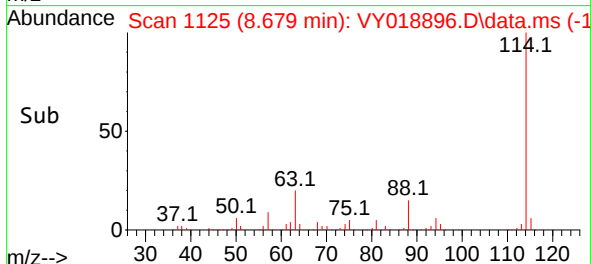
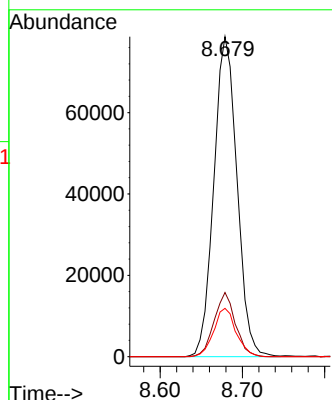
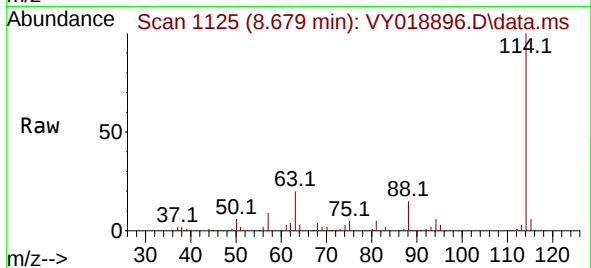
Tgt Ion:114 Resp: 154084

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.270 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

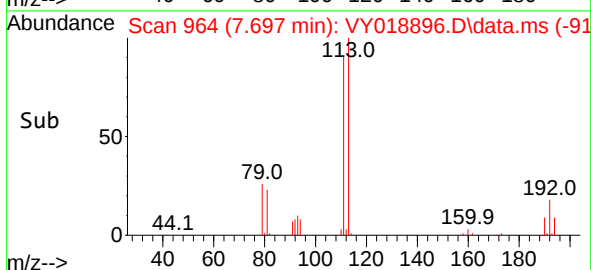
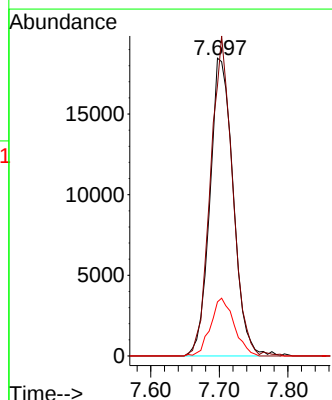
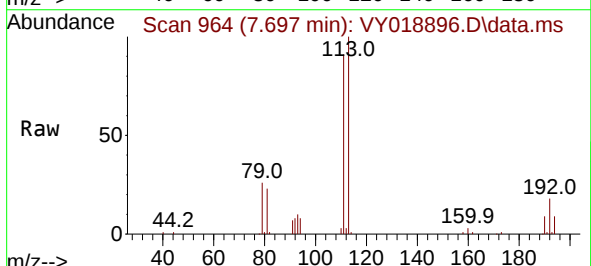
Tgt Ion:113 Resp: 43688

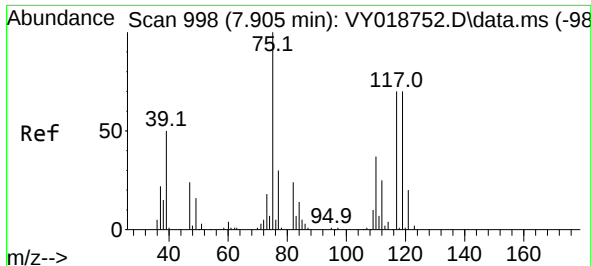
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.289 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

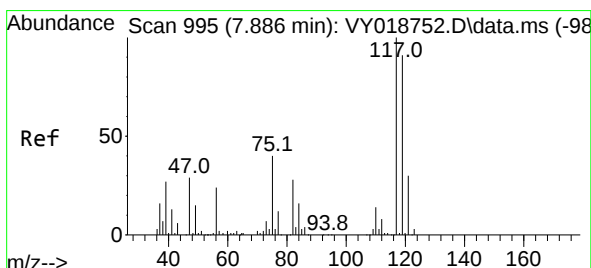
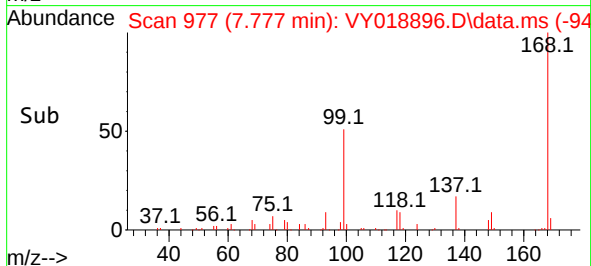
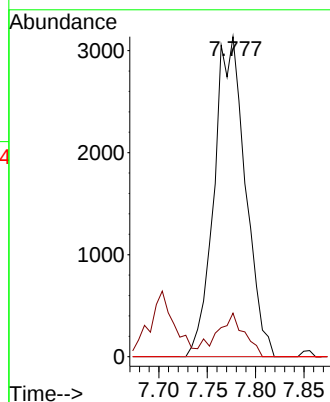
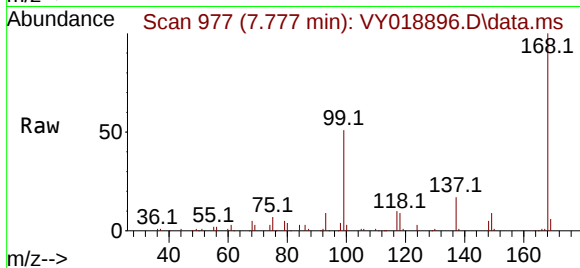
Tgt Ion: 75 Resp: 7044

Ion Ratio Lower Upper

75 100

110 11.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 7.771 min Scan# 976

Delta R.T. -0.116 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

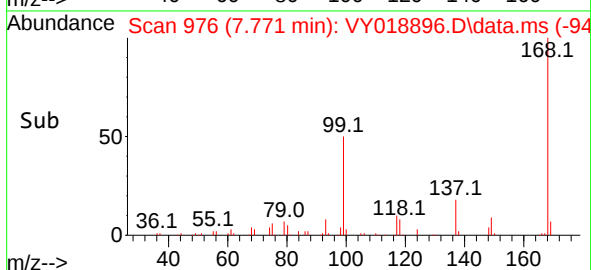
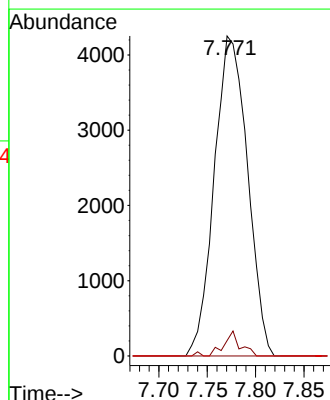
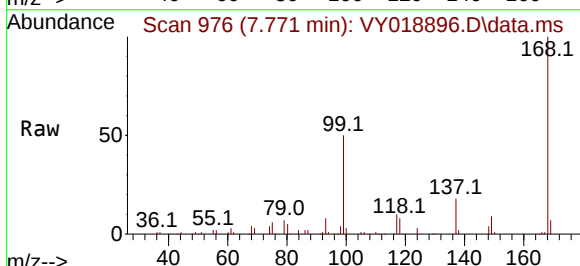
Tgt Ion: 117 Resp: 10156

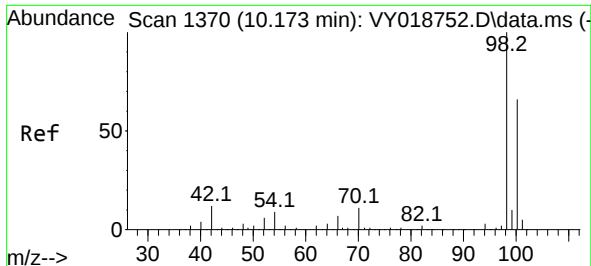
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#

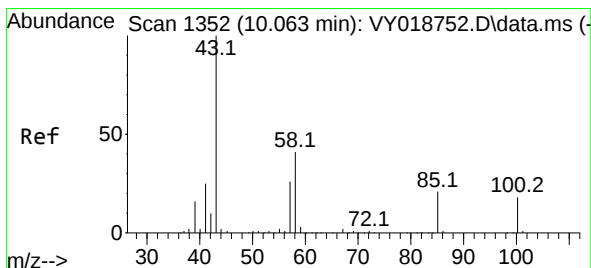
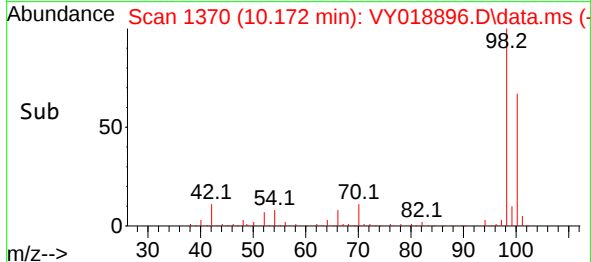
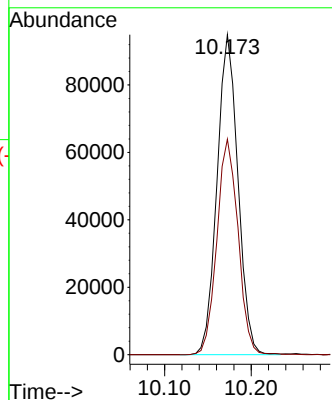
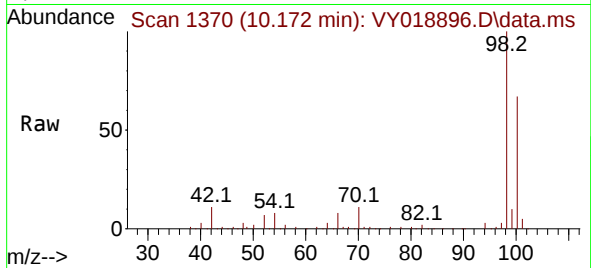




#50
Toluene-d8
Concen: 43.565 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

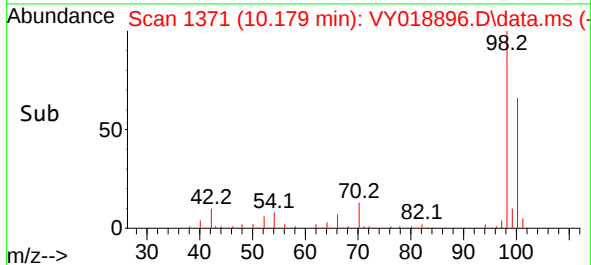
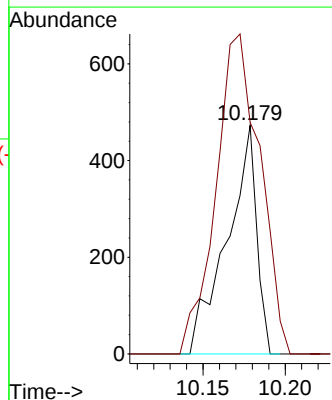
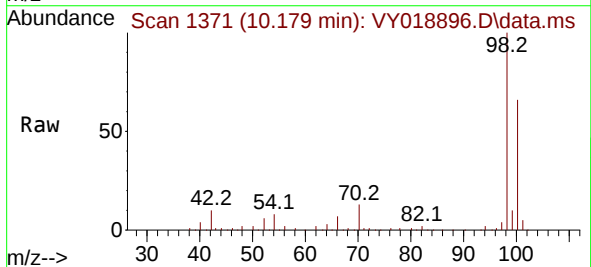
Instrument :
MSVOA_Y
ClientSampleId :

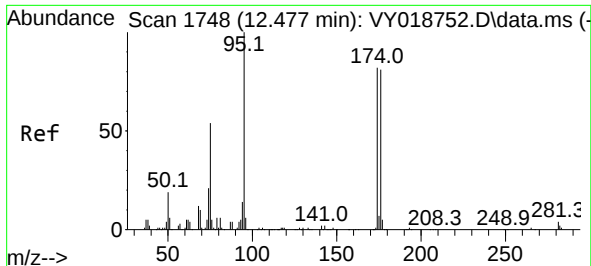
Tgt Ion: 98 Resp: 159283
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 208.3 35.7 53.5#

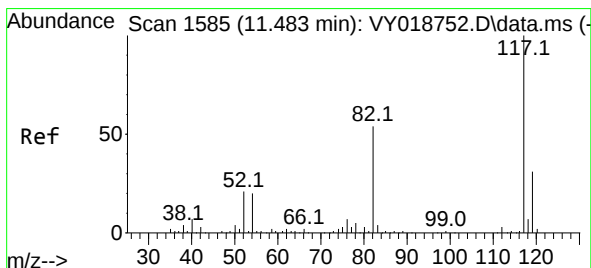
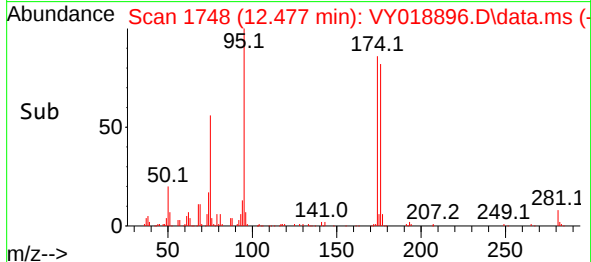
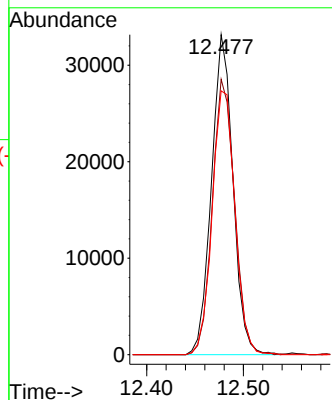
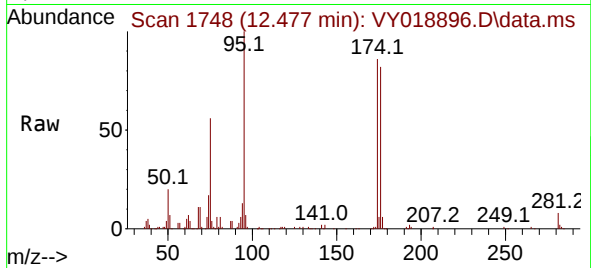




#62
4-Bromofluorobenzene
Concen: 41.026 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

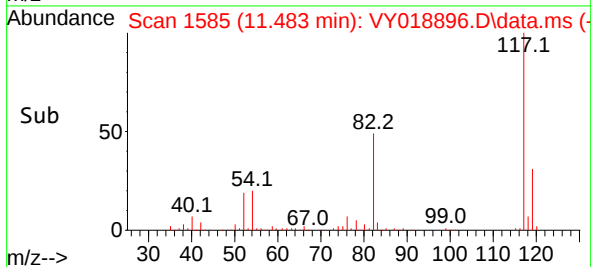
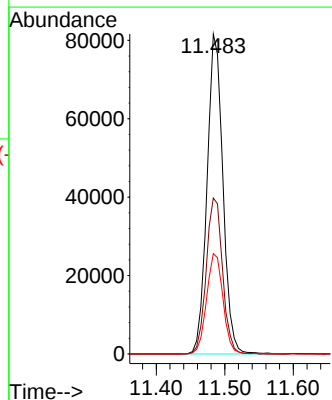
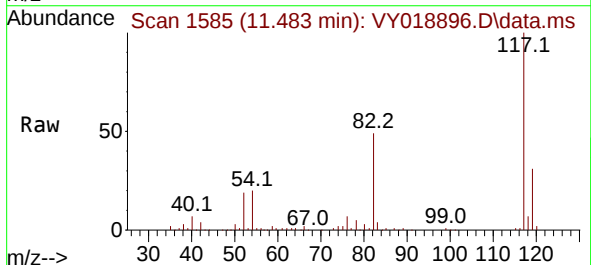
Instrument :
MSVOA_Y
ClientSampleId :

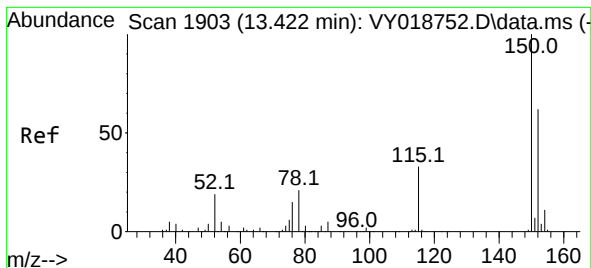
Tgt Ion: 95 Resp: 51225
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.6
176 87.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Tgt Ion: 117 Resp: 131494
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018896.D

Acq: 23 Jul 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

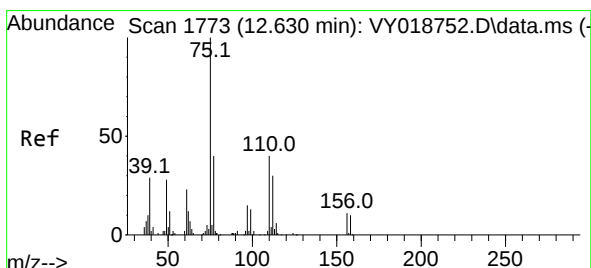
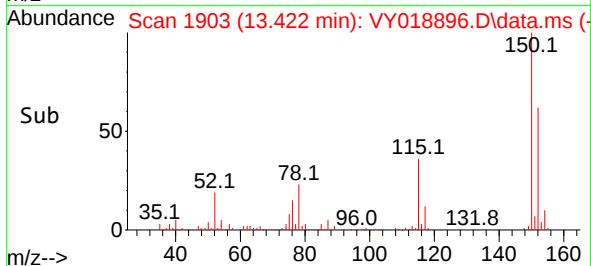
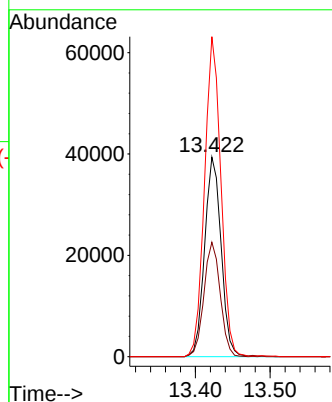
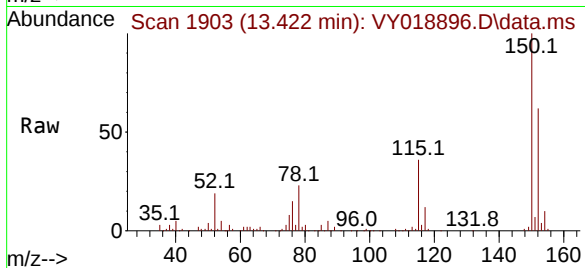
Tgt Ion:152 Resp: 60467

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.427 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018896.D

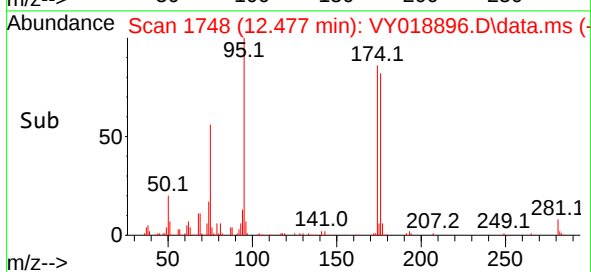
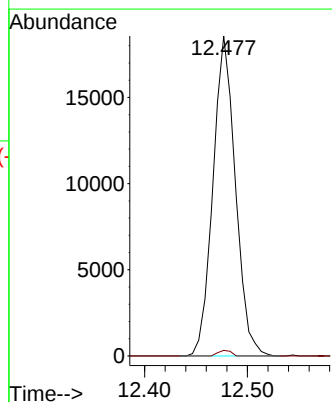
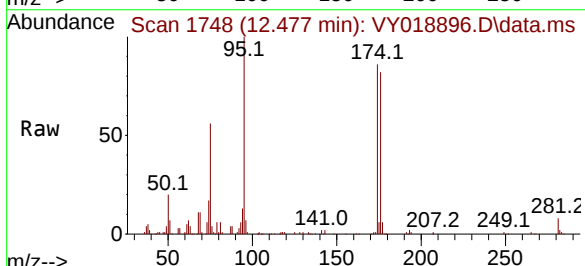
Acq: 23 Jul 2024 13:45

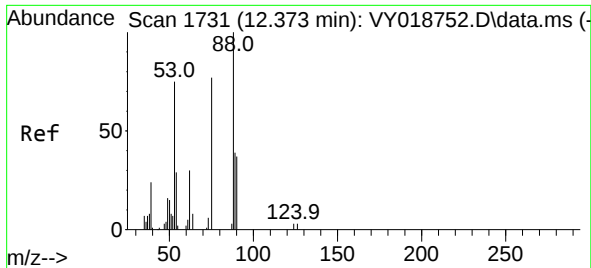
Tgt Ion: 75 Resp: 28144

Ion Ratio Lower Upper

75 100

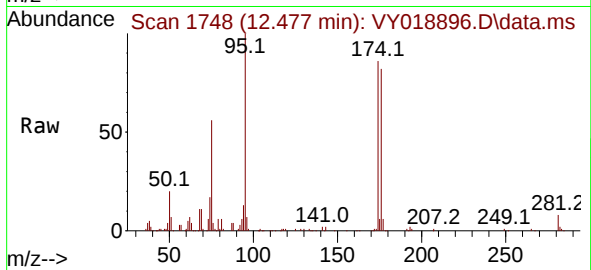
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.001 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY018896.D
Acq: 23 Jul 2024 13:45

Instrument :
MSVOA_Y
ClientSampleId :



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

