

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020157.D
 Acq On : 05 Nov 2024 11:15
 Operator : SY/MD
 Sample : VY1105SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:21:20 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)

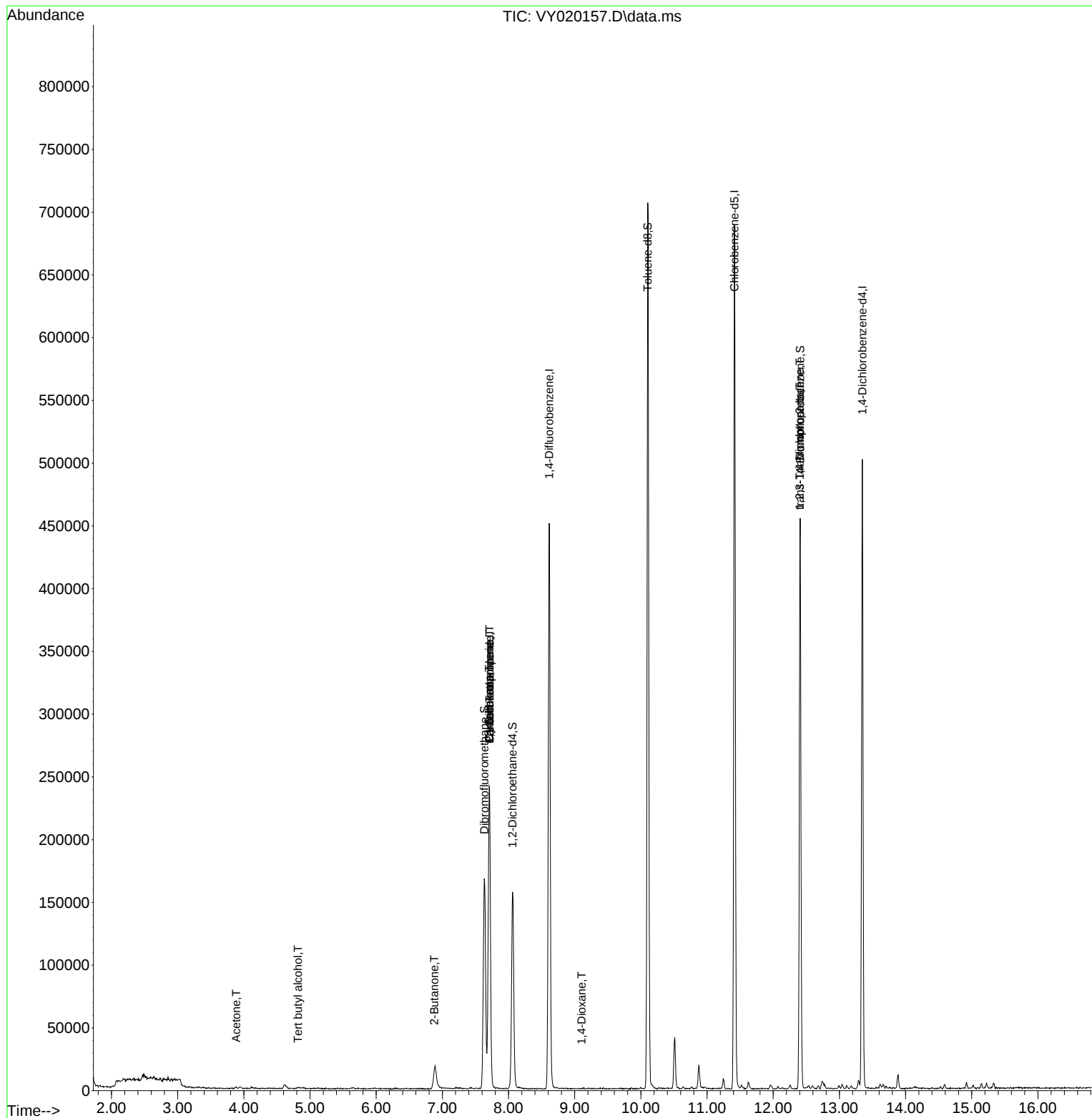
Internal Standards						
1) Pentafluorobenzene	7.713	168	171025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	358151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	325364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121390	56.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.740%	
35) Dibromofluoromethane	7.634	113	118255	51.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.103	98	440929	48.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.408	95	130410	44.296	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.817	59	318	2.071	ug/l	# 88
16) Acetone	3.885	43	1078	2.172	ug/l	90
25) 2-Butanone	6.878	43	911	1.354	ug/l	# 41
31) Cyclohexane	7.707	56	5635	1.455	ug/l	# 70
36) 1,1-Dichloropropene	7.713	75	17660	5.020	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	19588	5.538	ug/l	# 17
49) 1,4-Dioxane	9.103	88	23	1.678	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	76288	74.305	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	76288	159.828	ug/l	# 16

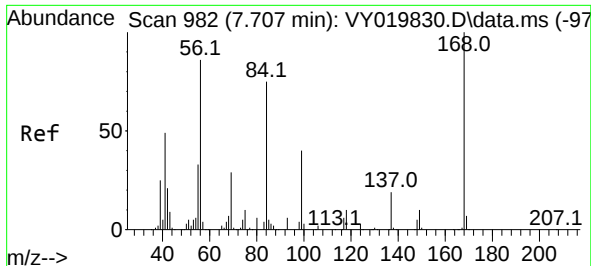
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

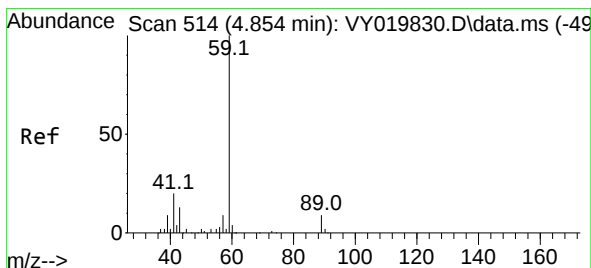
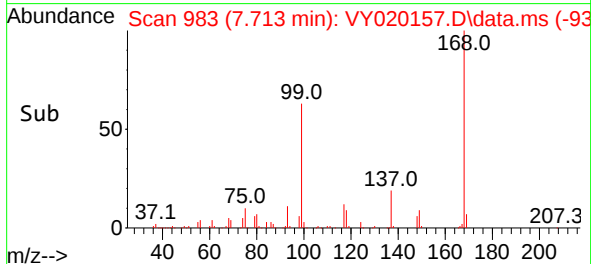
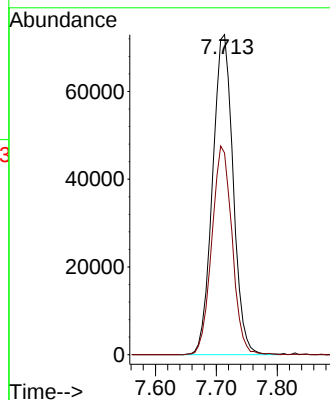
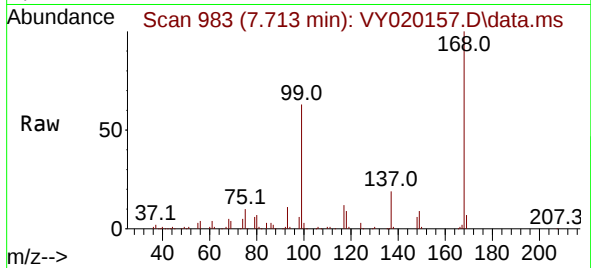




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

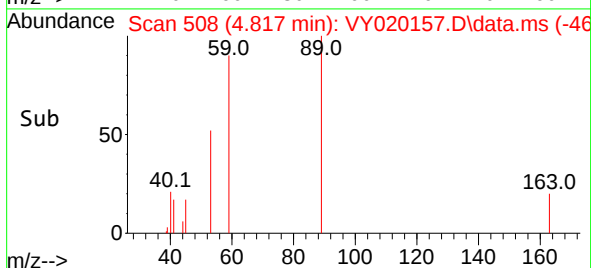
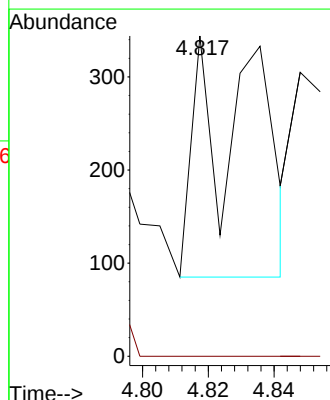
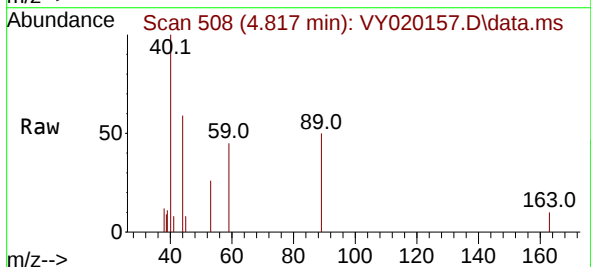
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 171025
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.071 ug/l
RT: 4.817 min Scan# 508
Delta R.T. -0.043 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.172 ug/l

RT: 3.885 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY020157.D

Acq: 05 Nov 2024 11:15

Instrument :

MSVOA_Y

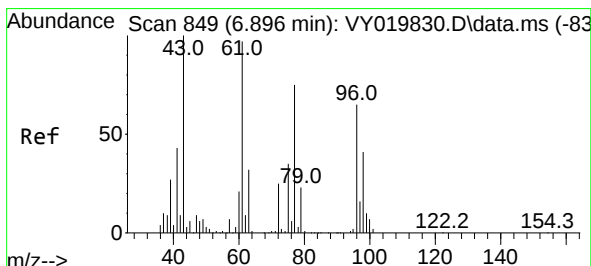
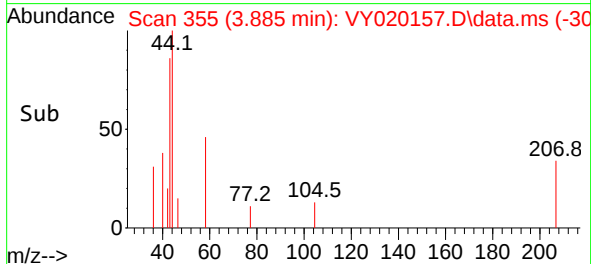
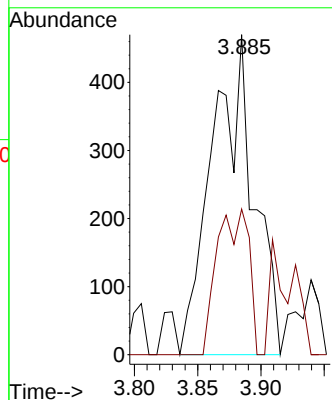
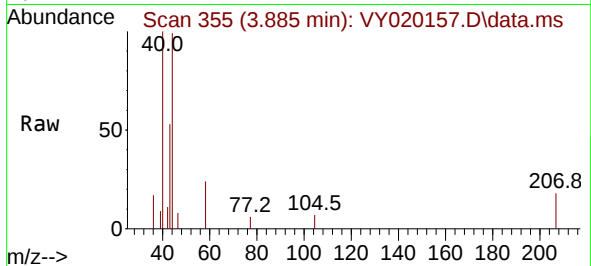
ClientSampleId :

Tgt Ion: 43 Resp: 1078

Ion Ratio Lower Upper

43 100

58 45.5 31.7 47.5



#25

2-Butanone

Concen: 1.354 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY020157.D

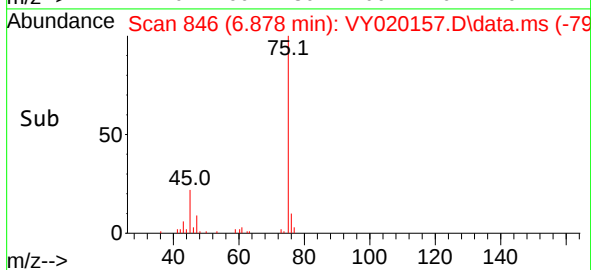
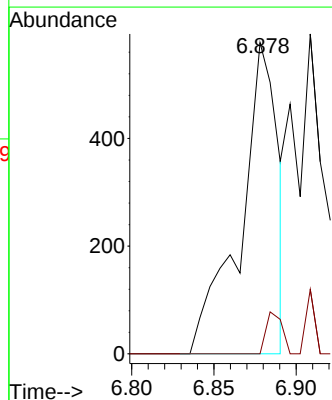
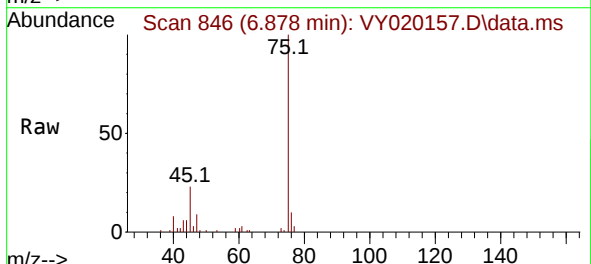
Acq: 05 Nov 2024 11:15

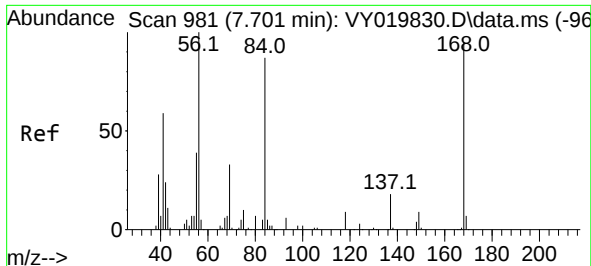
Tgt Ion: 43 Resp: 911

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

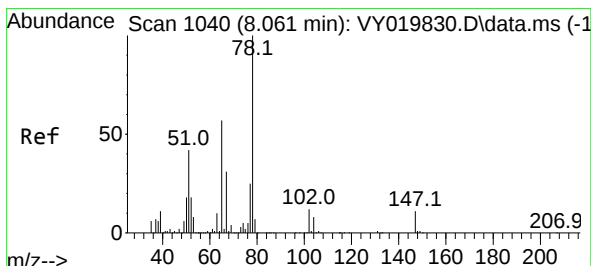
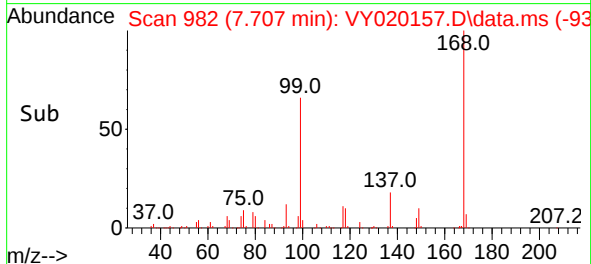
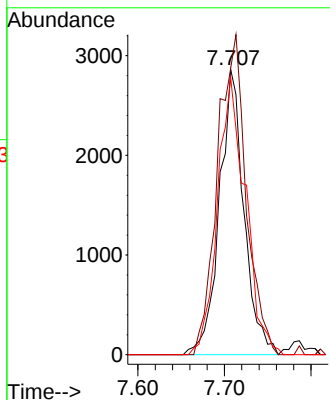
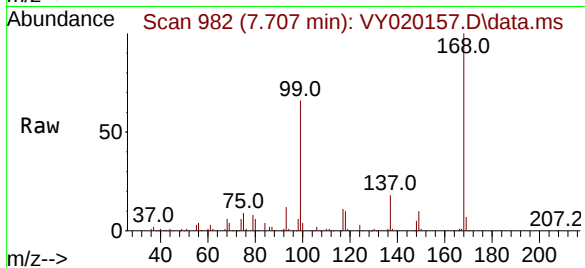




#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

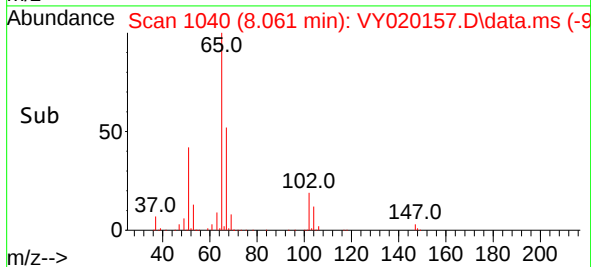
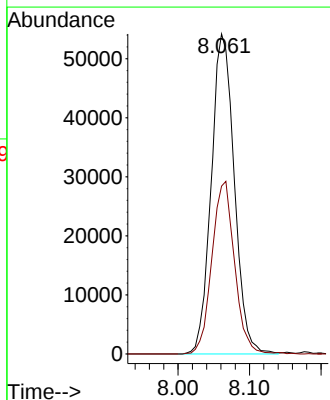
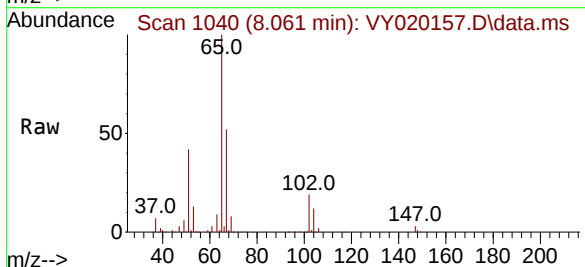
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5635
Ion Ratio Lower Upper
56 100
69 100.4 28.7 43.1#
84 97.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.870 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

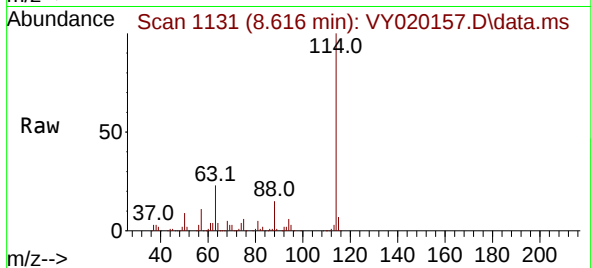
Tgt Ion: 65 Resp: 121390
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



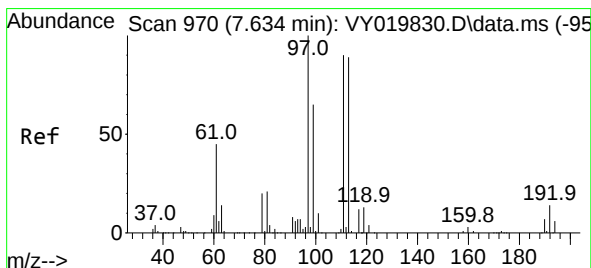
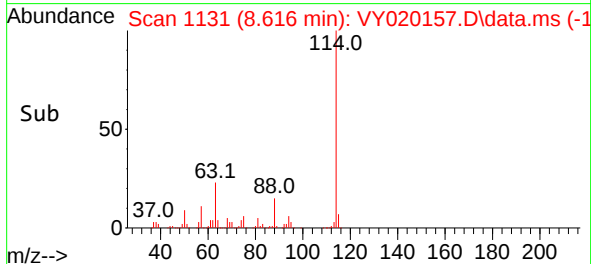
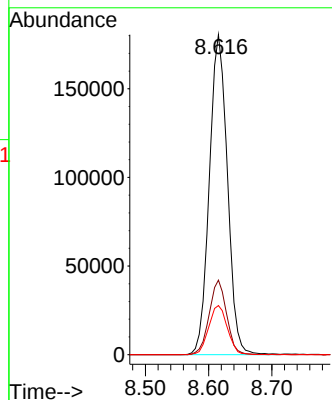


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

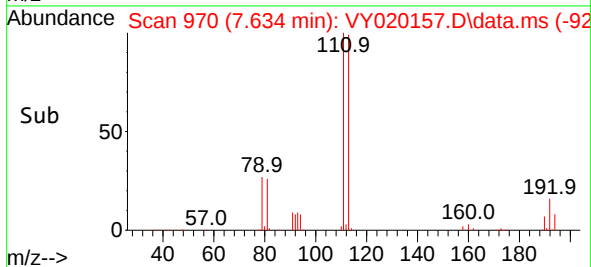
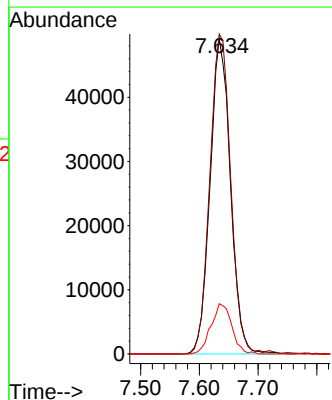
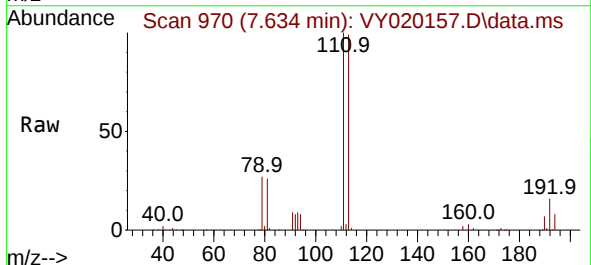


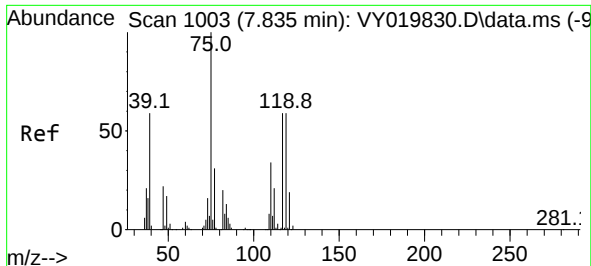
Tgt Ion:114 Resp: 358151
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.932 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

Tgt Ion:113 Resp: 118255
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.020 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020157.D

Acq: 05 Nov 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

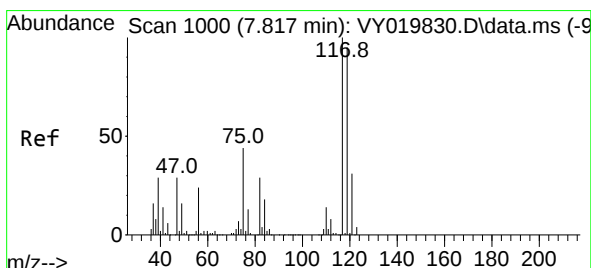
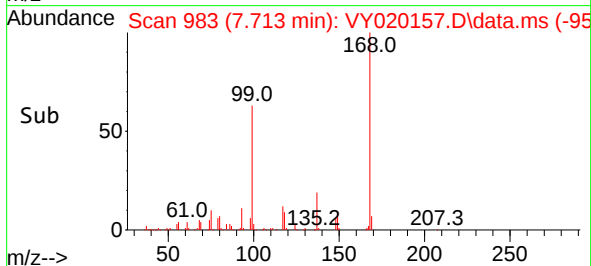
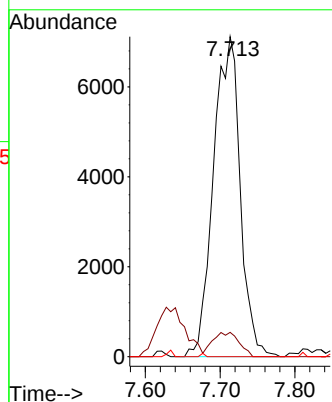
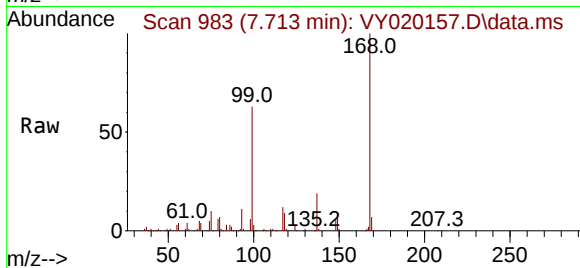
Tgt Ion: 75 Resp: 17660

Ion Ratio Lower Upper

75 100

110 7.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.538 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020157.D

Acq: 05 Nov 2024 11:15

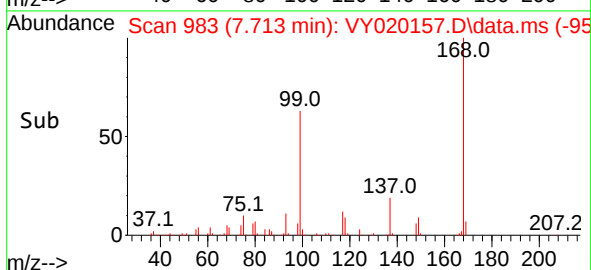
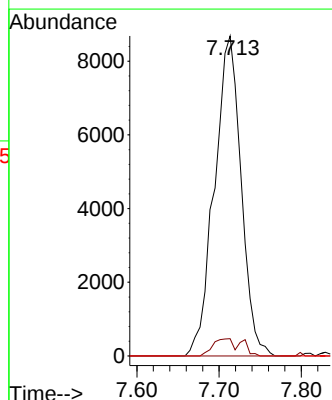
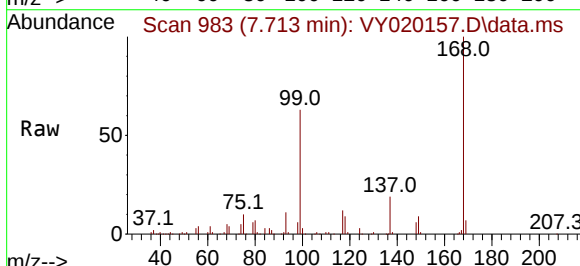
Tgt Ion: 117 Resp: 19588

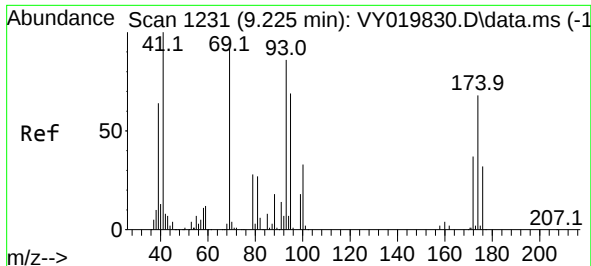
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.678 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.128 min

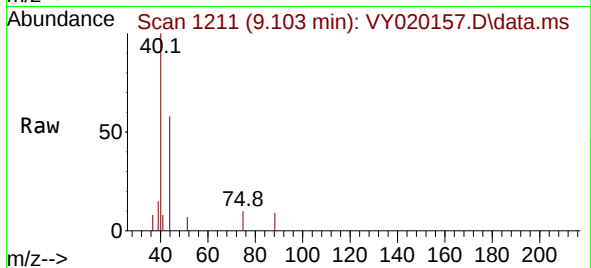
Lab File: VY020157.D

Acq: 05 Nov 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :



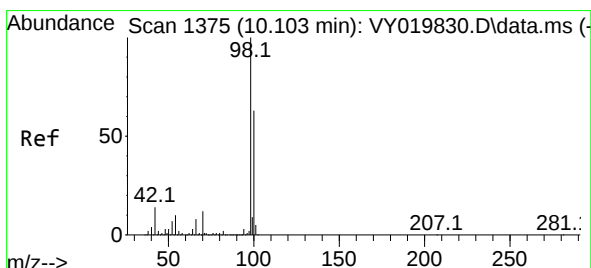
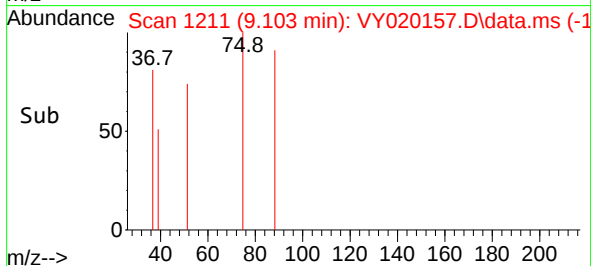
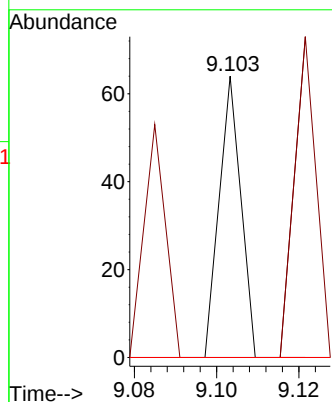
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 117.4 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020157.D

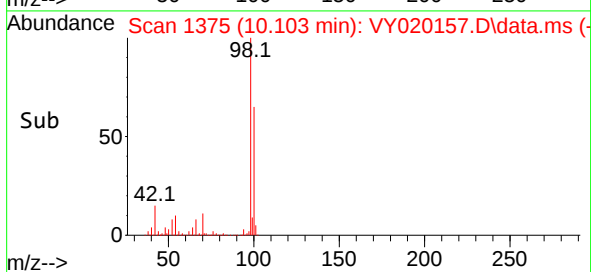
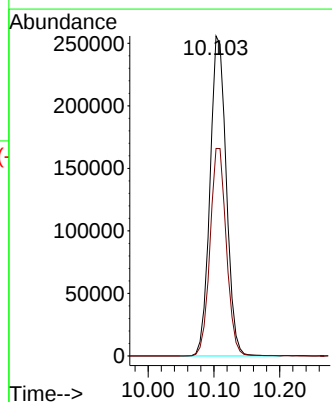
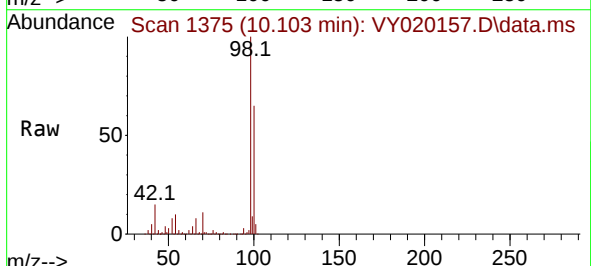
Acq: 05 Nov 2024 11:15

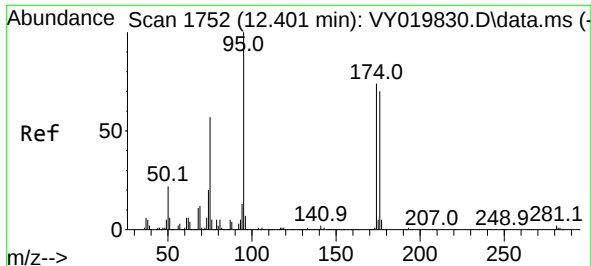
Tgt Ion: 98 Resp: 440929

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

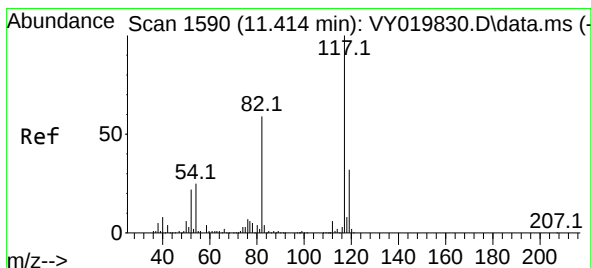
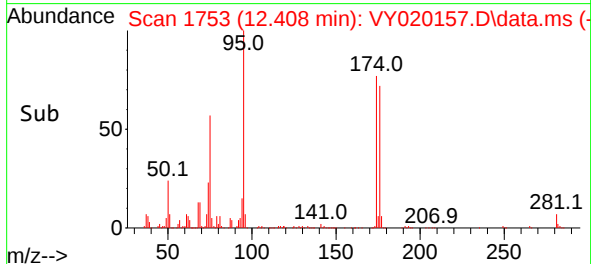
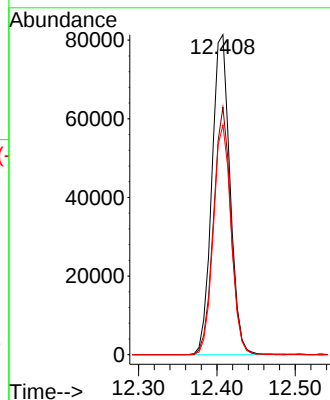
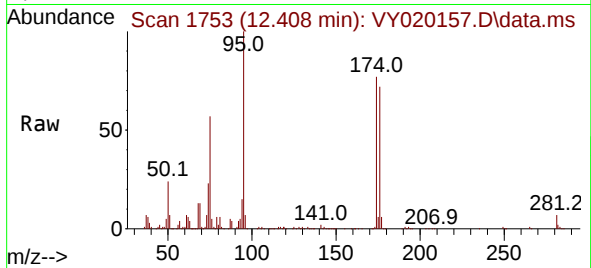




#62
4-Bromofluorobenzene
Concen: 44.296 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

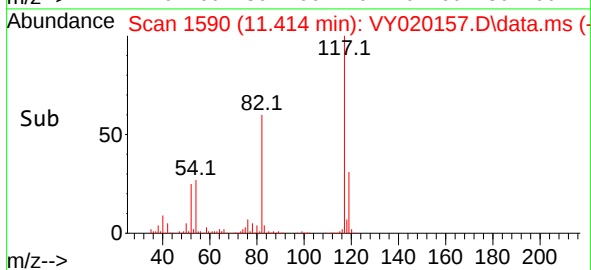
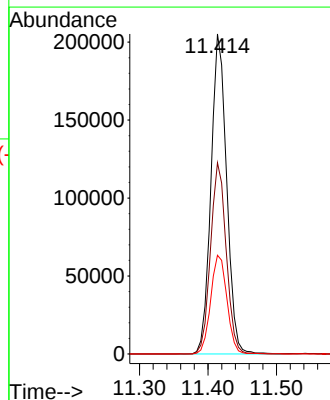
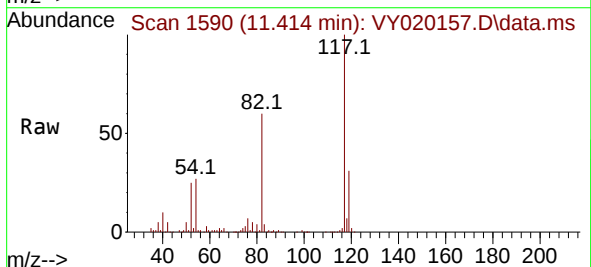
Instrument :
MSVOA_Y
ClientSampleId :

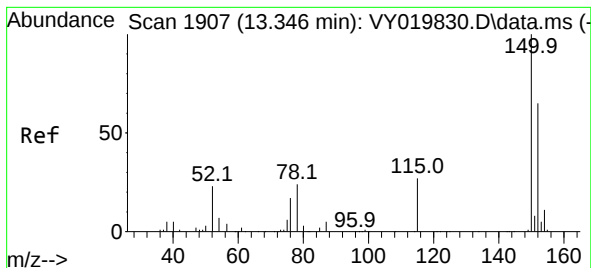
Tgt Ion: 95 Resp: 130410
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

Tgt Ion: 117 Resp: 325364
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 30.9 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: VY020157.D

Acq: 05 Nov 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

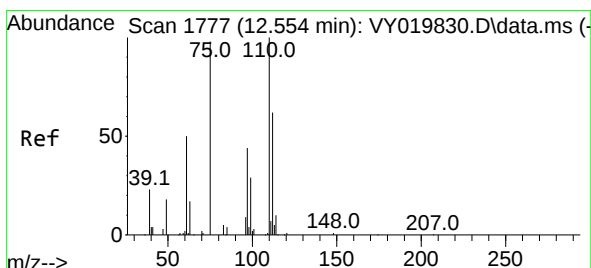
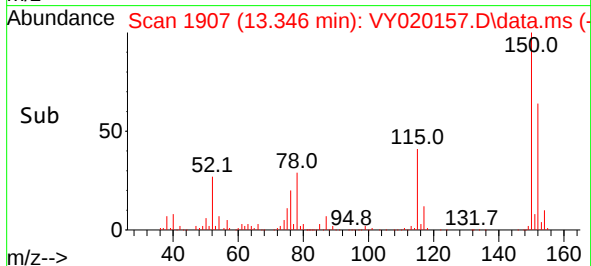
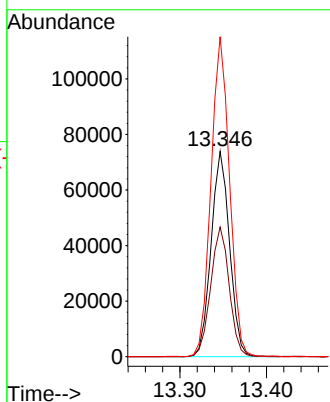
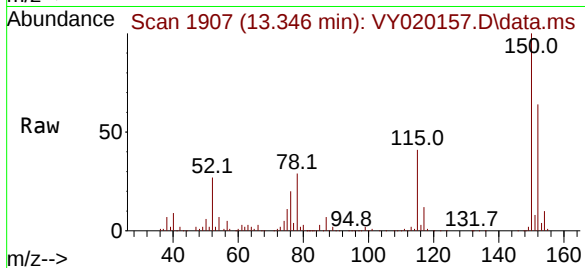
Tgt Ion:152 Resp: 109525

Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 156.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 74.305 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020157.D

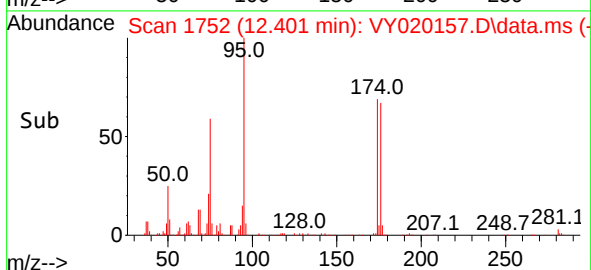
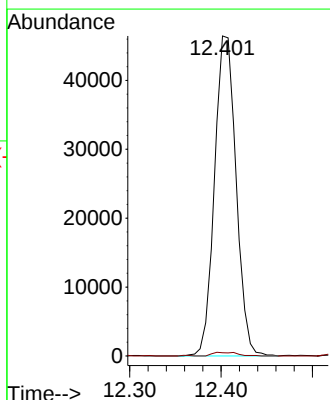
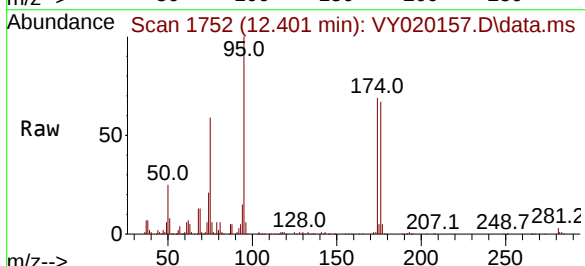
Acq: 05 Nov 2024 11:15

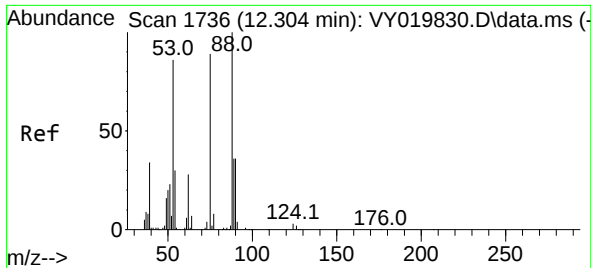
Tgt Ion: 75 Resp: 76288

Ion Ratio Lower Upper

75 100

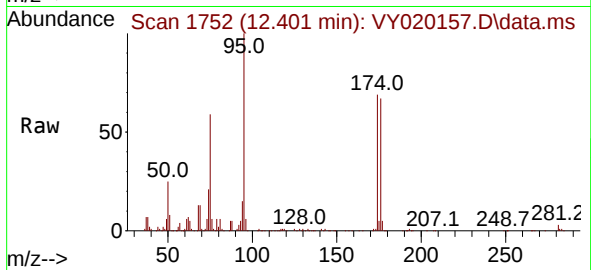
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 159.828 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020157.D
Acq: 05 Nov 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 76288
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

