

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020245.D
 Acq On : 11 Nov 2024 14:02
 Operator : SY/MD
 Sample : P4768-03
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:15:31 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)

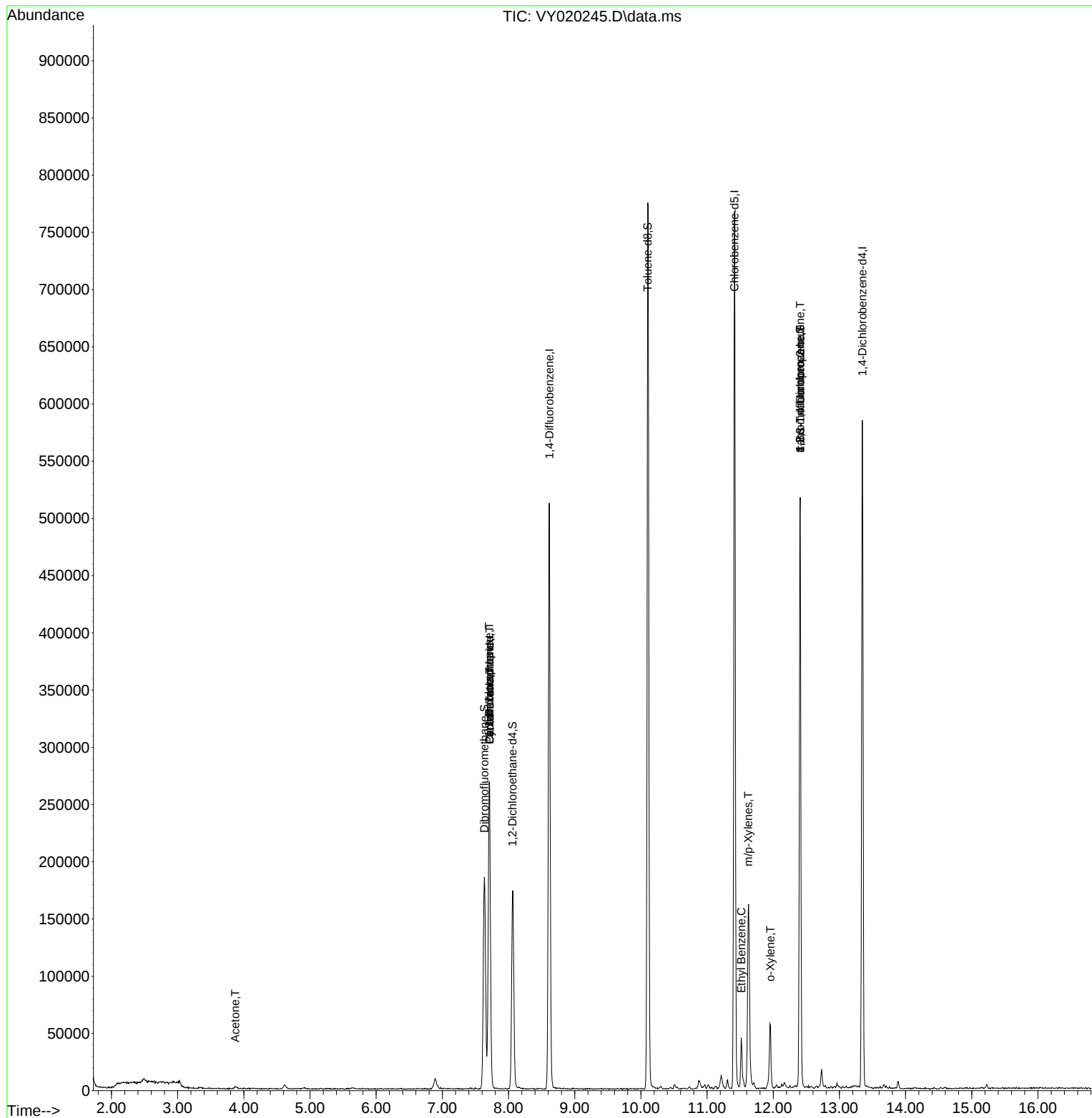
Internal Standards						
1) Pentafluorobenzene	7.713	168	182592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	390717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	129893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137074	60.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.300%	
35) Dibromofluoromethane	7.634	113	131426	52.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.103	98	491574	49.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.408	95	155673	48.469	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	3687	6.957	ug/l	# 74
31) Cyclohexane	7.713	56	5623	1.360	ug/l	# 34
36) 1,1-Dichloropropene	7.707	75	19367	5.047	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	21239	5.504	ug/l	# 19
67) Ethyl Benzene	11.518	91	26823	1.846	ug/l	93
68) m/p-Xylenes	11.621	106	44242	8.320	ug/l	92
69) o-Xylene	11.957	106	13266	2.635	ug/l	84
76) 1,2,3-Trichloropropane	12.408	75	88972	73.071	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	88972	157.173	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
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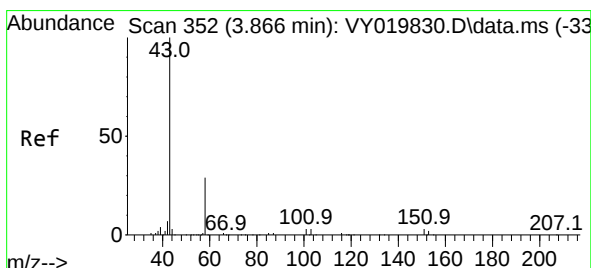
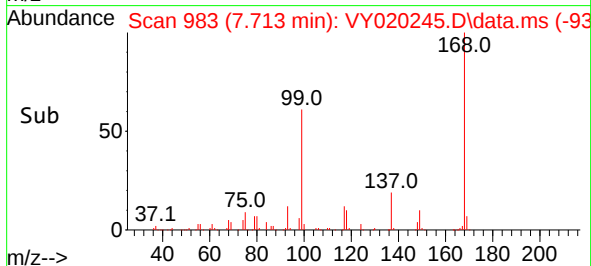
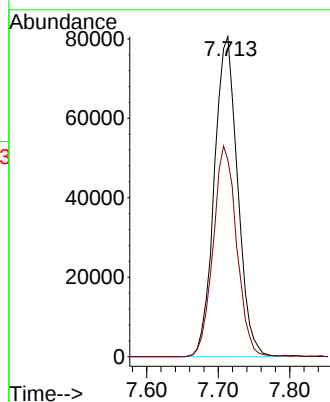
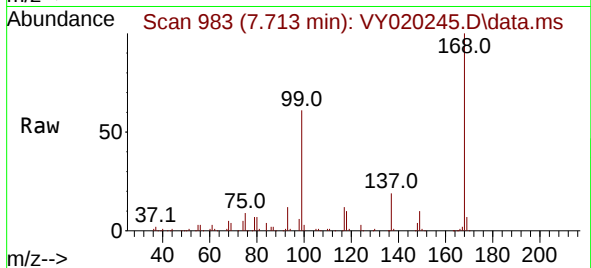




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

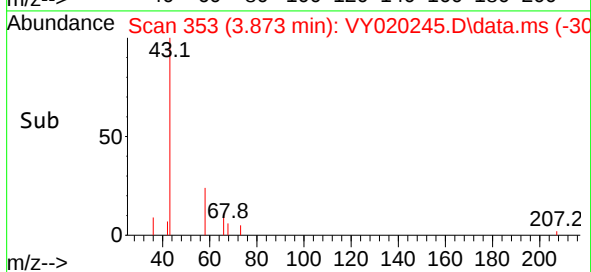
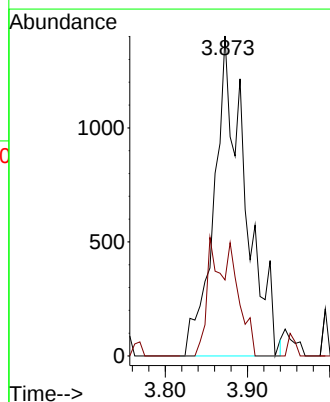
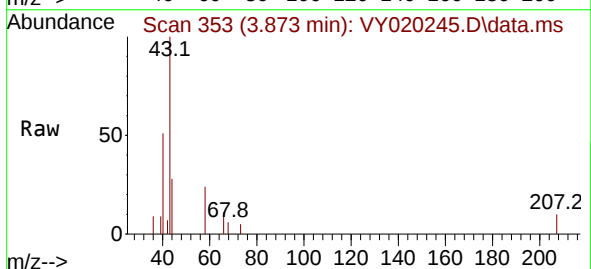
Instrument :
MSVOA_Y
ClientSampleId :

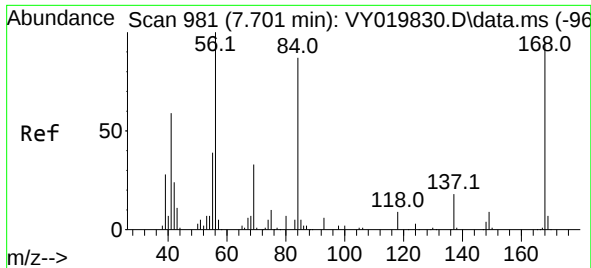
Tgt Ion:168 Resp: 182592
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#16
Acetone
Concen: 6.957 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion: 43 Resp: 3687
Ion Ratio Lower Upper
43 100
58 23.7 31.7 47.5#

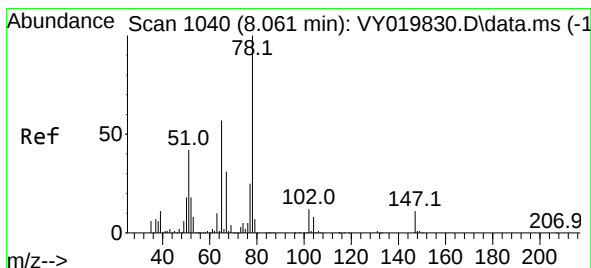
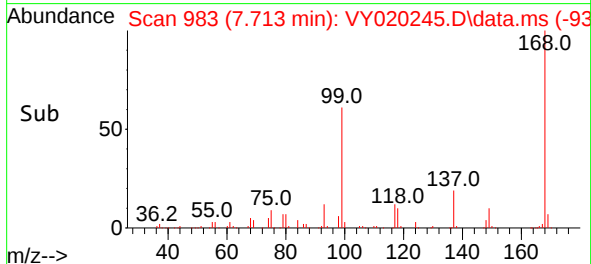
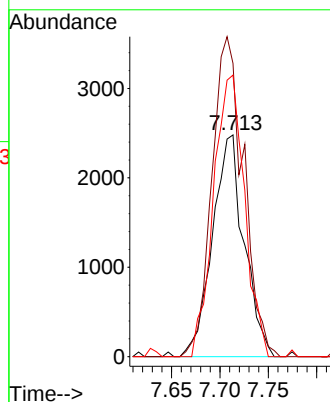
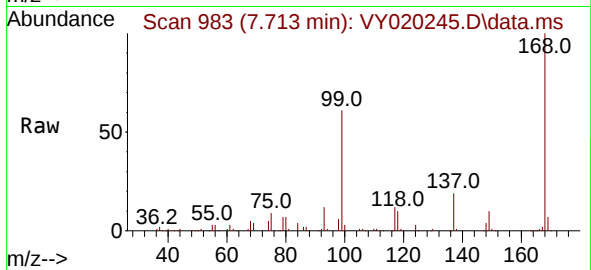




#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

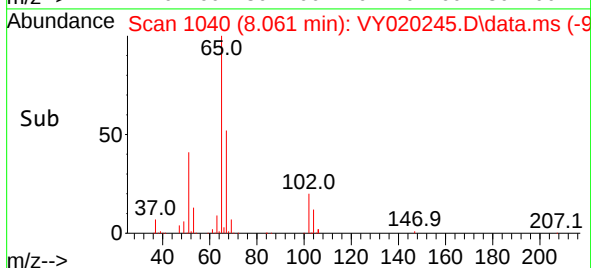
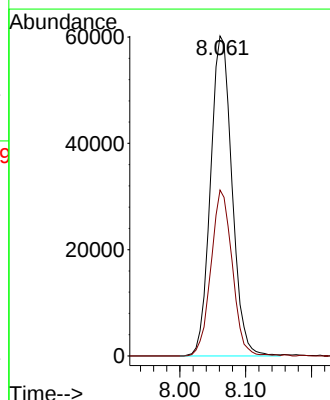
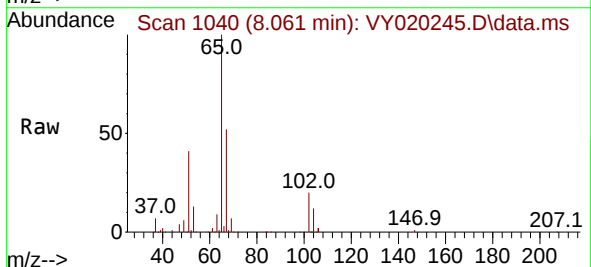
Instrument :
MSVOA_Y
ClientSampleId :

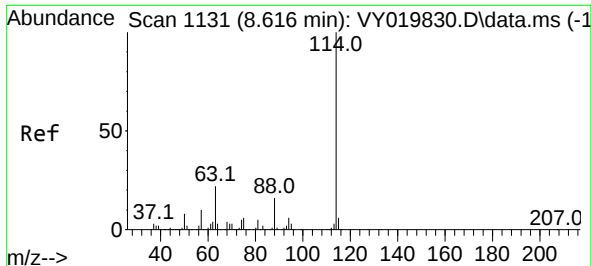
Tgt Ion: 56 Resp: 5623
Ion Ratio Lower Upper
56 100
69 132.2 28.7 43.1#
84 126.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.150 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

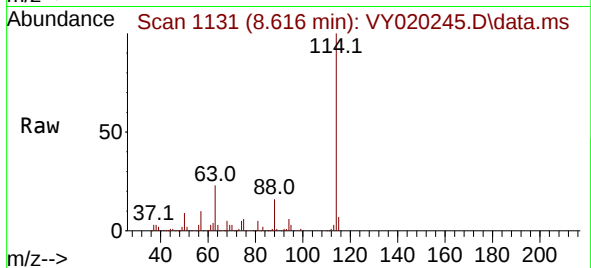
Tgt Ion: 65 Resp: 137074
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6



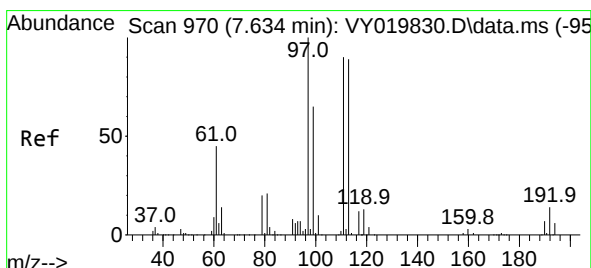
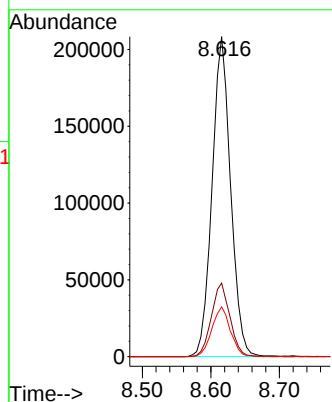
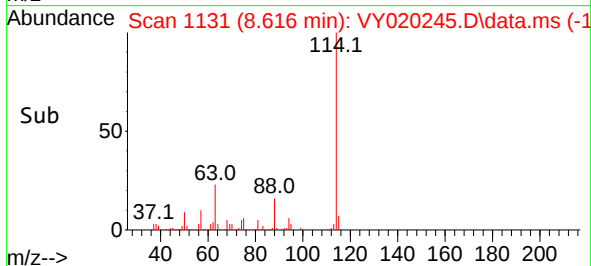


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :

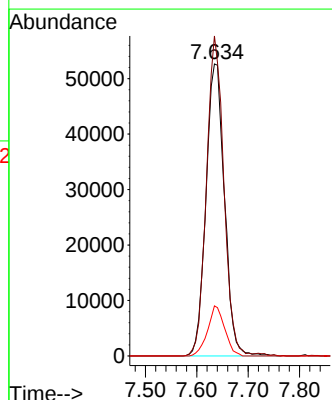
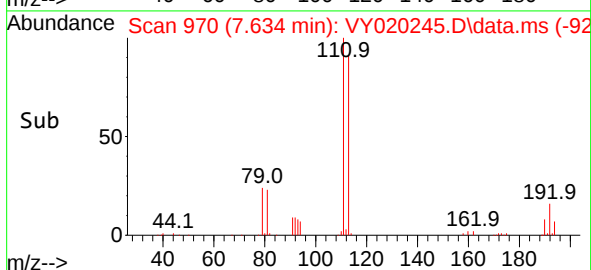
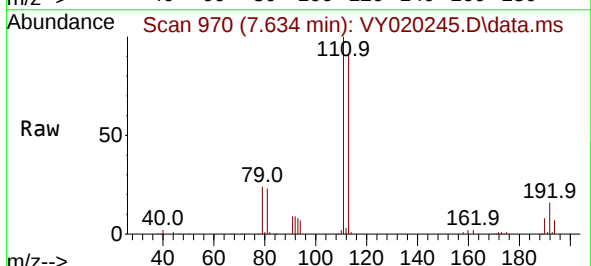


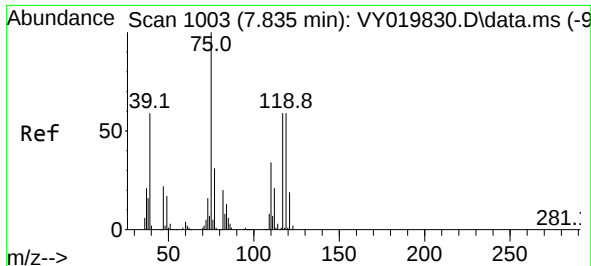
Tgt Ion:114 Resp: 390717
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.906 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion:113 Resp: 131426
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.9 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

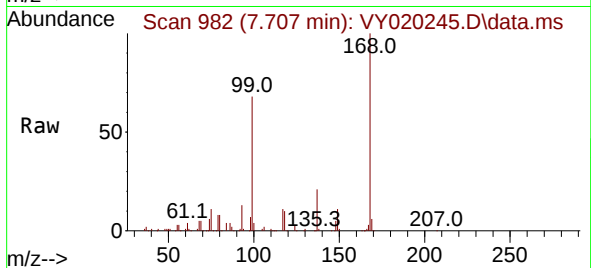
Lab File: VY020245.D

Acq: 11 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



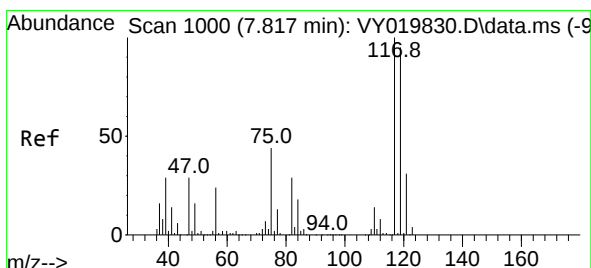
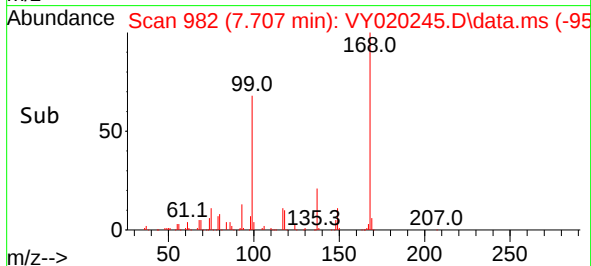
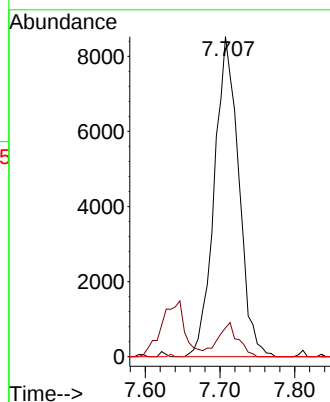
Tgt Ion: 75 Resp: 19367

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.504 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020245.D

Acq: 11 Nov 2024 14:02

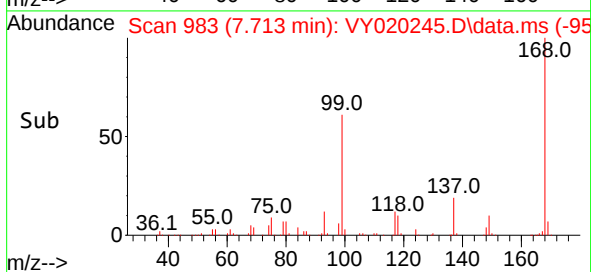
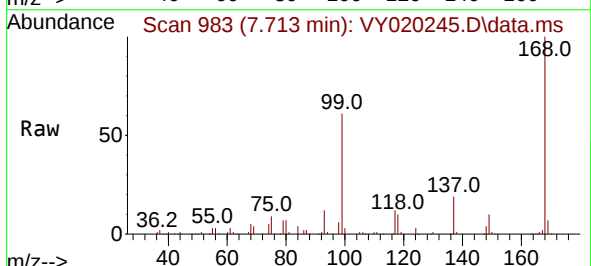
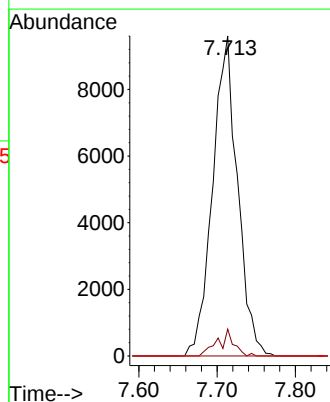
Tgt Ion: 117 Resp: 21239

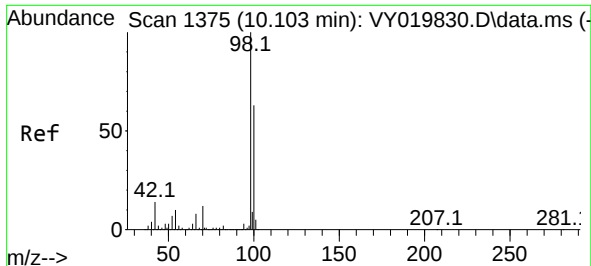
Ion Ratio Lower Upper

117 100

119 8.4 75.8 113.6#

121 0.0 24.0 36.0#

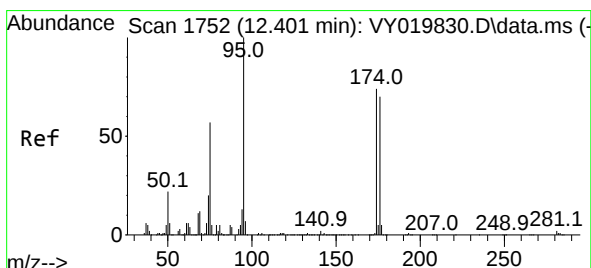
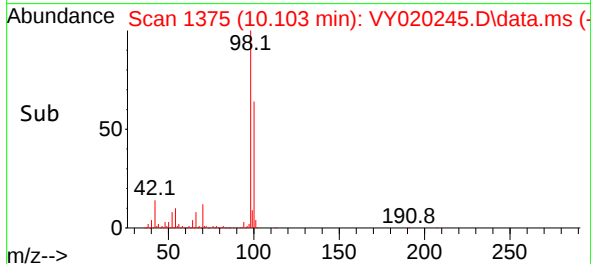
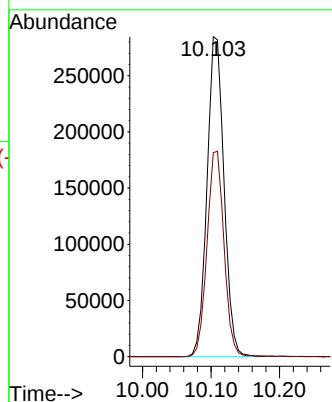
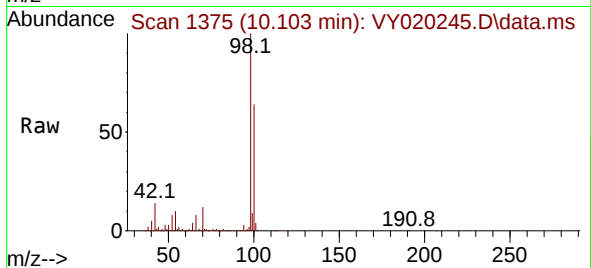




#50
Toluene-d8
Concen: 49.713 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

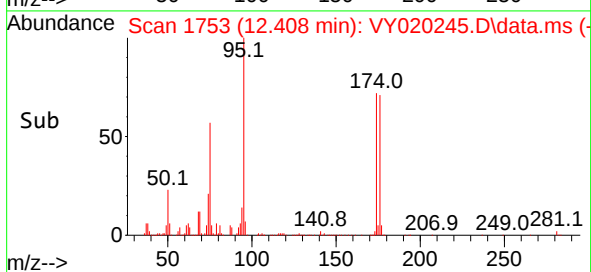
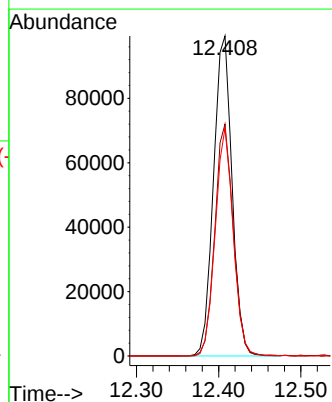
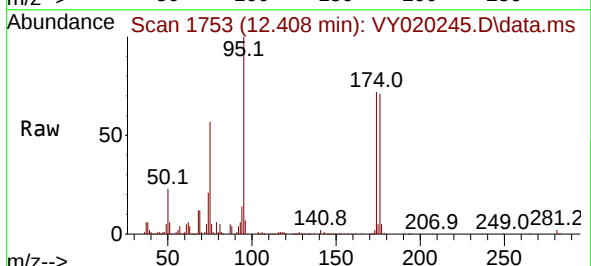
Instrument :
MSVOA_Y
ClientSampleId :

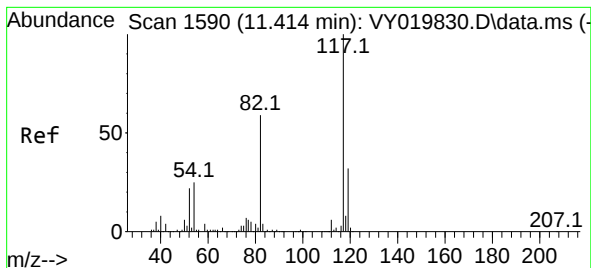
Tgt Ion: 98 Resp: 491574
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.469 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion: 95 Resp: 155673
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 69.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

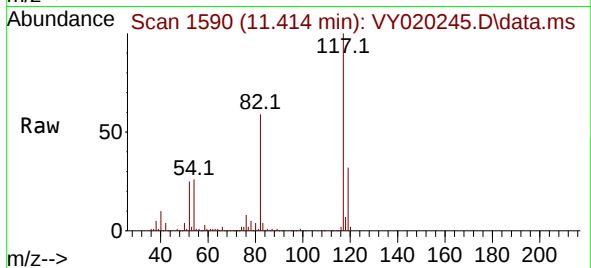
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Acq: 11 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



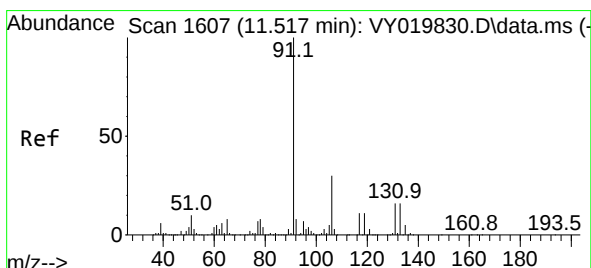
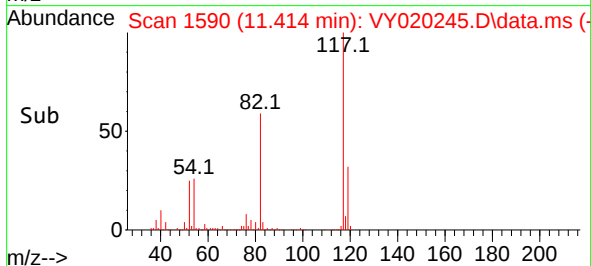
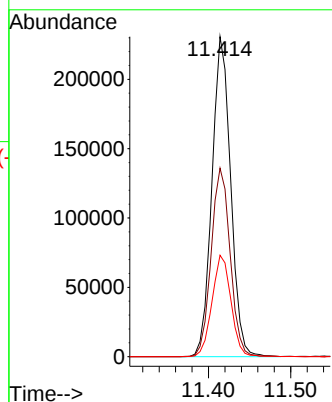
Tgt Ion:117 Resp: 364887

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 31.7 25.9 38.9



#67

Ethyl Benzene

Concen: 1.846 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020245.D

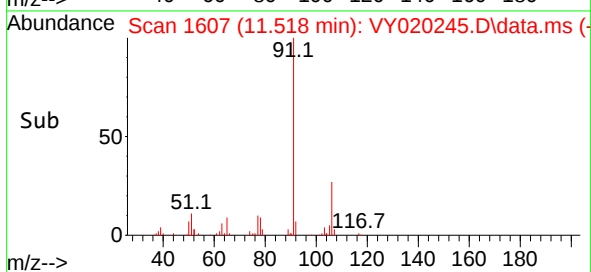
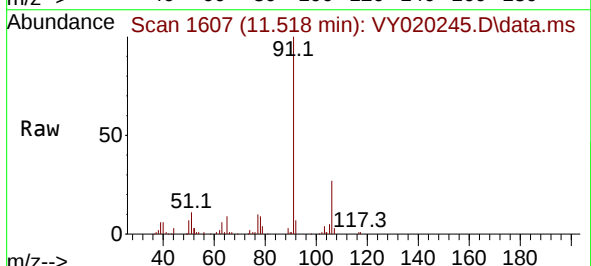
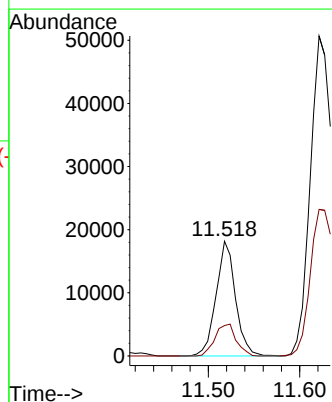
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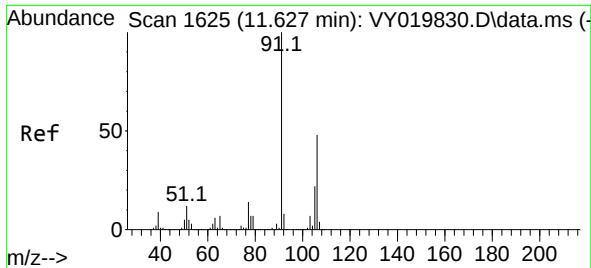
Tgt Ion: 91 Resp: 26823

Ion Ratio Lower Upper

91 100

106 26.5 24.5 36.7

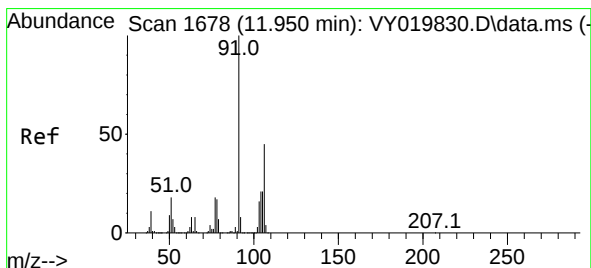
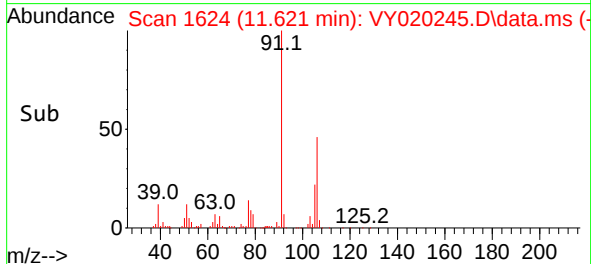
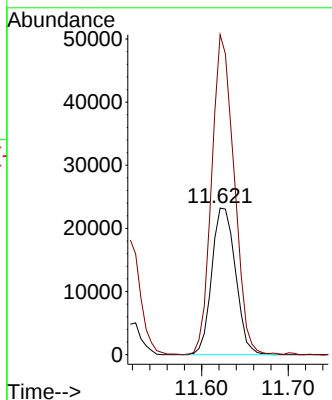
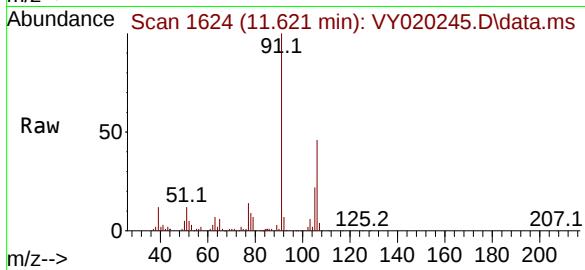




#68
m/p-Xylenes
Concen: 8.320 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

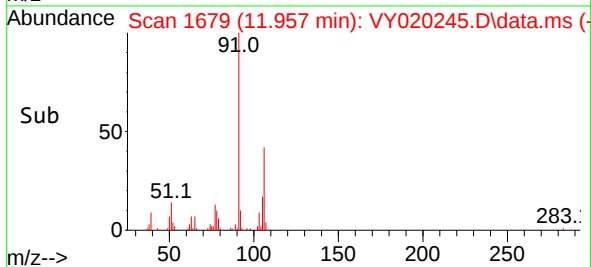
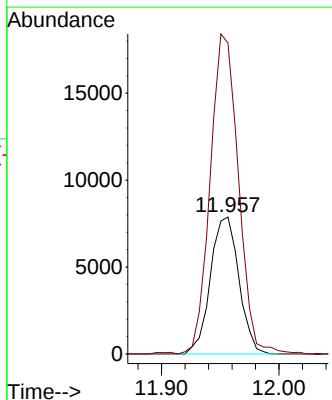
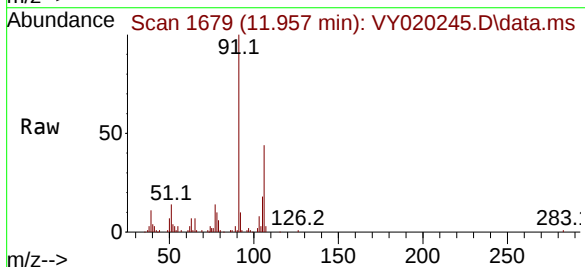
Instrument :
MSVOA_Y
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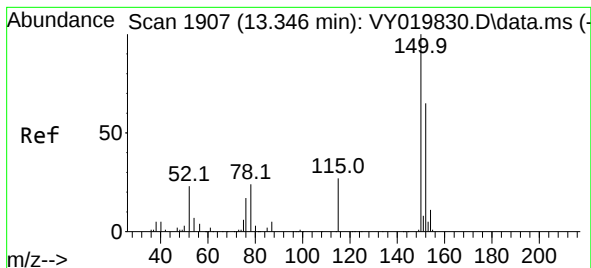
Tgt Ion:106 Resp: 44242
Ion Ratio Lower Upper
106 100
91 206.7 156.0 234.0



#69
o-Xylene
Concen: 2.635 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020245.D
Acq: 11 Nov 2024 14:02

Tgt Ion:106 Resp: 13266
Ion Ratio Lower Upper
106 100
91 231.8 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020245.D

Acq: 11 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

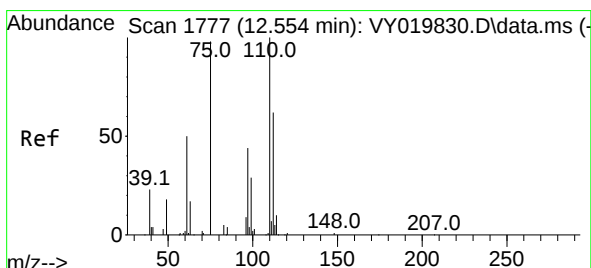
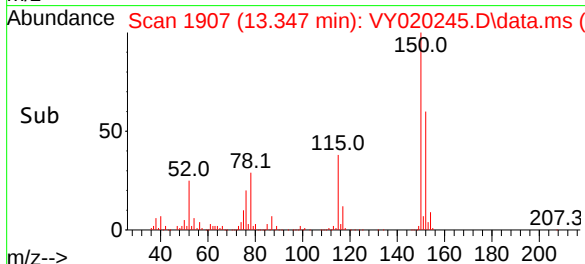
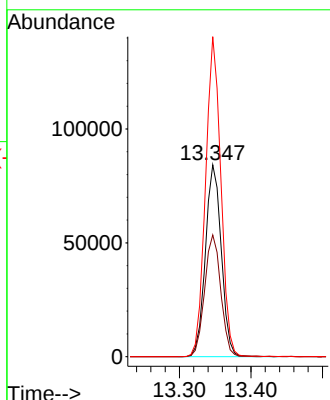
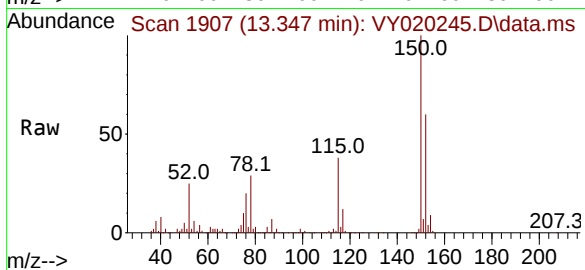
Tgt Ion:152 Resp: 129893

Ion Ratio Lower Upper

152 100

115 64.4 28.2 84.7

150 160.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.071 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020245.D

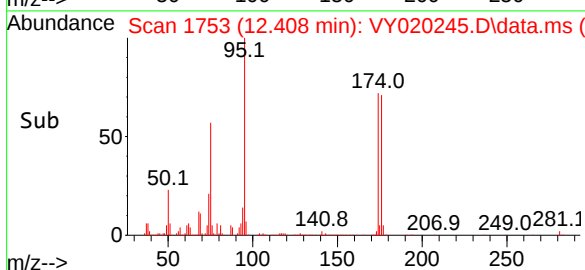
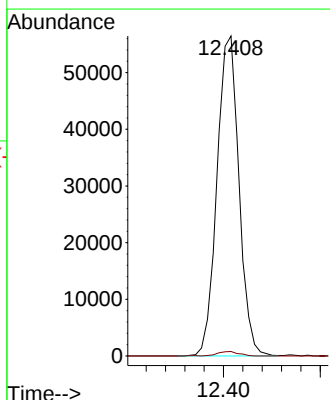
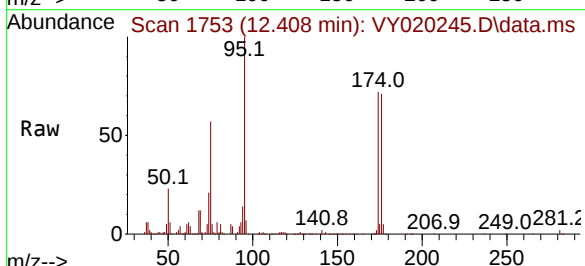
Acq: 11 Nov 2024 14:02

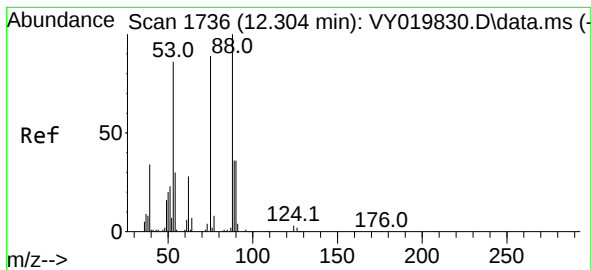
Tgt Ion: 75 Resp: 88972

Ion Ratio Lower Upper

75 100

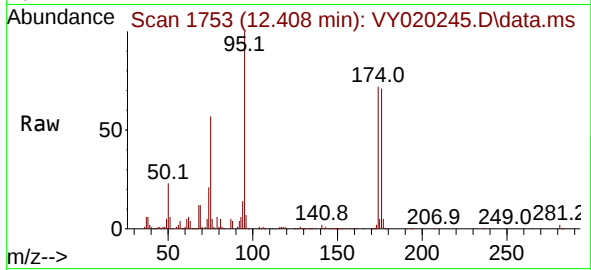
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.173 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020245.D
 Acq: 11 Nov 2024 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88972
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

