

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020235.D
 Acq On : 08 Nov 2024 15:59
 Operator : SY/MD
 Sample : P4756-03
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:20:32 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)

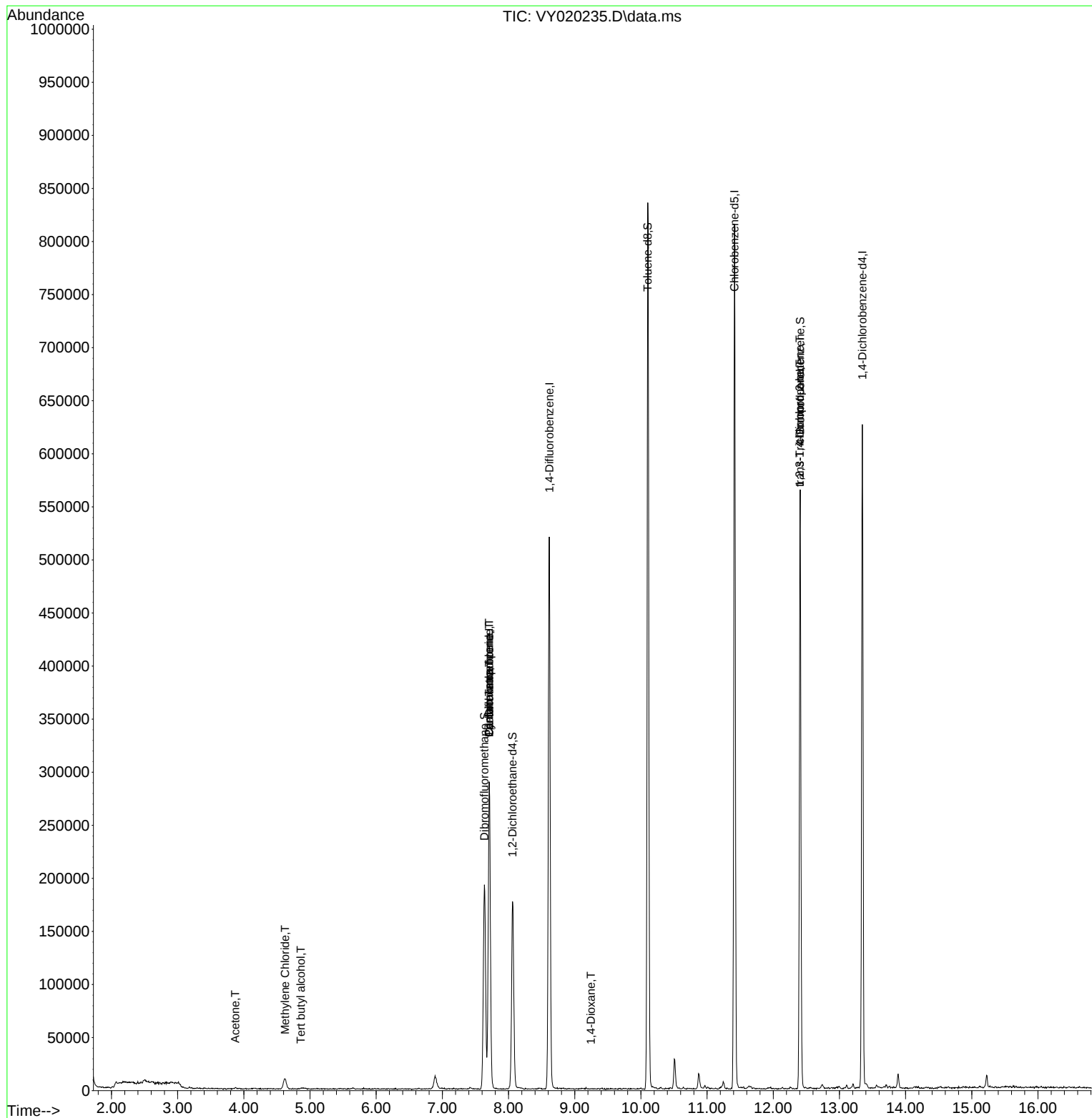
Internal Standards						
1) Pentafluorobenzene	7.707	168	194058	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	407124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	379587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	135810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140186	57.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.634	113	134762	52.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.103	98	513055	49.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.408	95	162825	48.653	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	189	1.085	ug/l	# 88
16) Acetone	3.873	43	1826	3.242	ug/l	# 70
20) Methylene Chloride	4.623	84	6955	2.749	ug/l	# 88
31) Cyclohexane	7.707	56	5991	1.363	ug/l	# 44
36) 1,1-Dichloropropene	7.707	75	19890	4.974	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	22817	5.675	ug/l	# 17
49) 1,4-Dioxane	9.244	88	19	1.220	ug/l	# 43
76) 1,2,3-Trichloropropane	12.402	75	95289	74.849	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	95289	160.998	ug/l	# 16

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

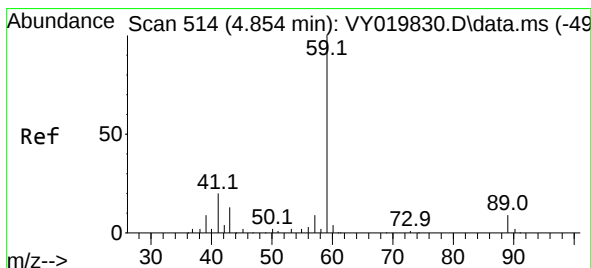
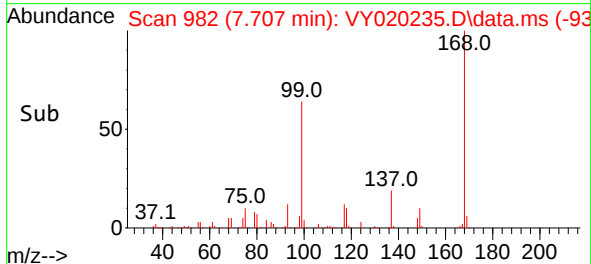
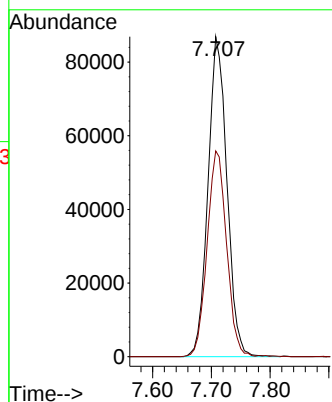
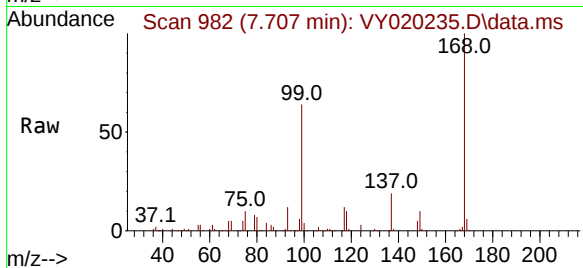




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

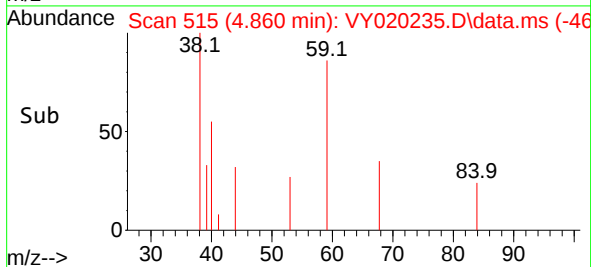
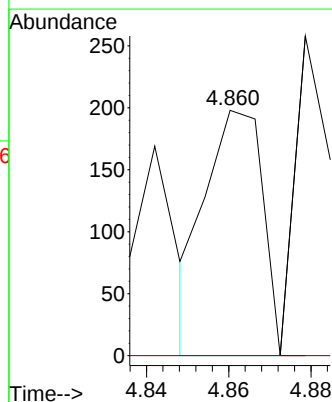
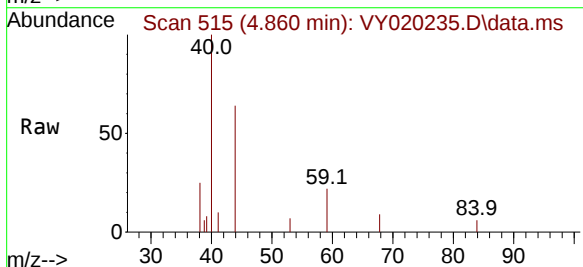
Instrument :
MSVOA_Y
ClientSampleId :

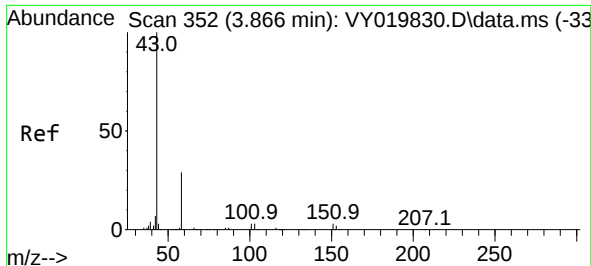
Tgt Ion:168 Resp: 194058
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.085 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

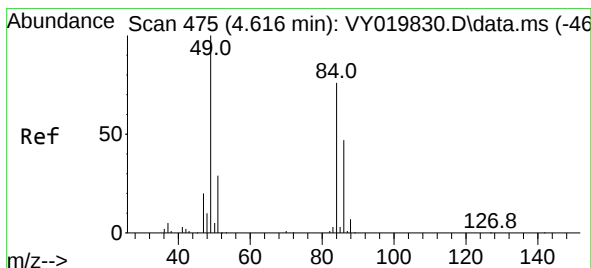
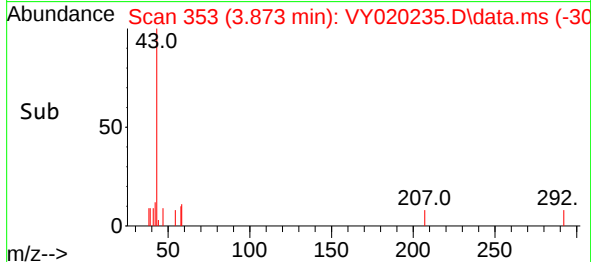
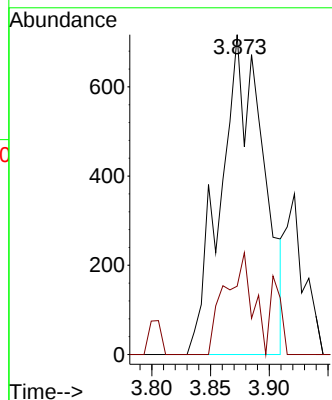
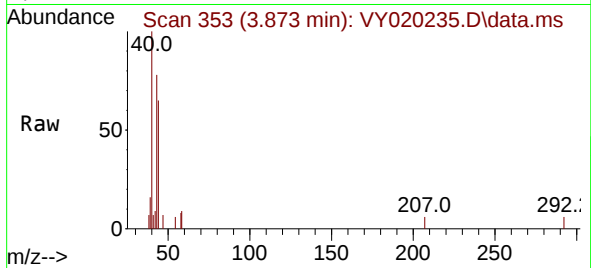




#16
Acetone
Concen: 3.242 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

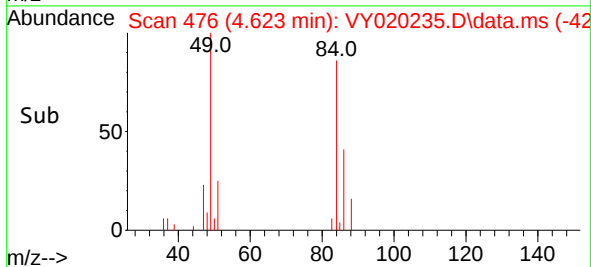
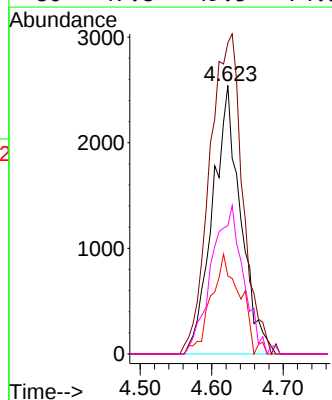
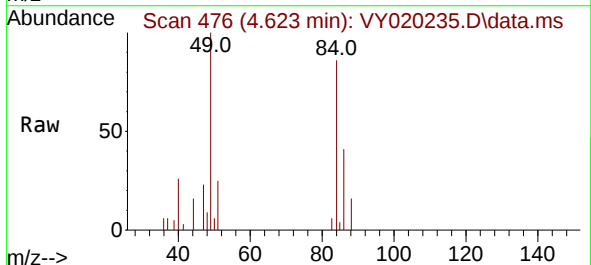
Instrument :
MSVOA_Y
ClientSampleId :

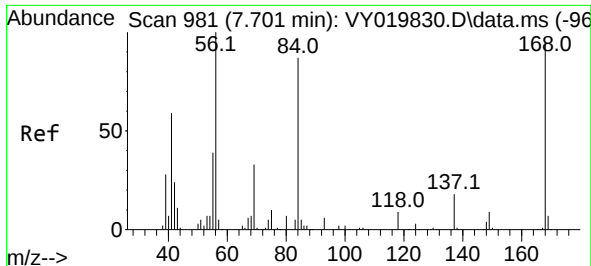
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 21.3 31.7 47.5#



#20
Methylene Chloride
Concen: 2.749 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

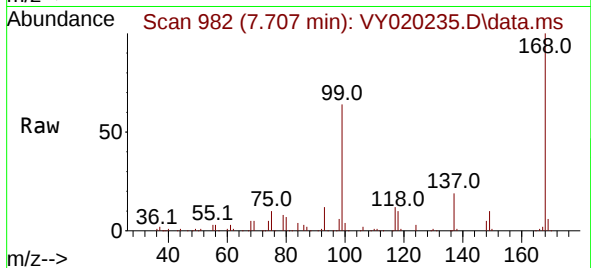
Tgt Ion: 84 Resp: 6955
Ion Ratio Lower Upper
84 100
49 115.9 84.4 126.6
51 29.0 26.0 39.0
86 47.8 49.5 74.3#



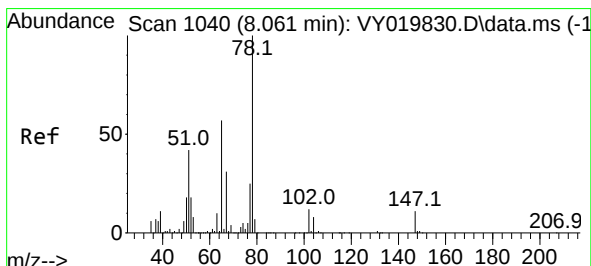
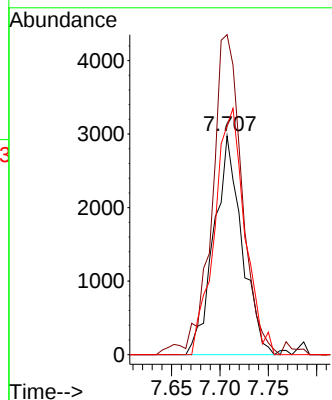
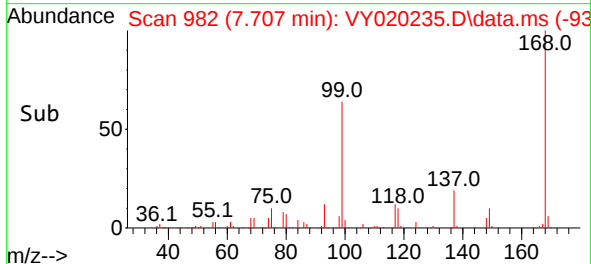


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

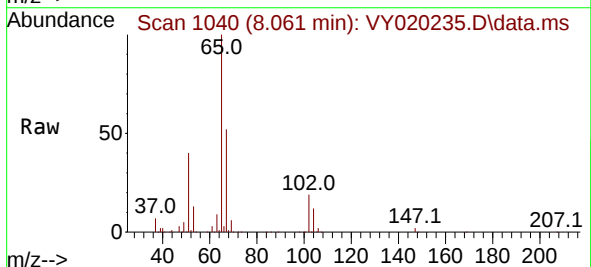
Instrument :
MSVOA_Y
ClientSampleId :



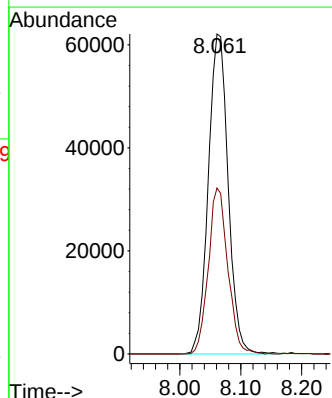
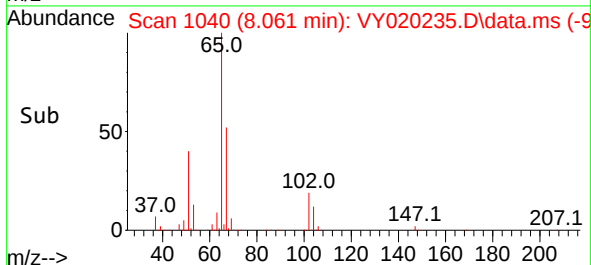
Tgt Ion: 56 Resp: 5991
Ion Ratio Lower Upper
56 100
69 146.3 28.7 43.1#
84 104.6 77.7 116.5

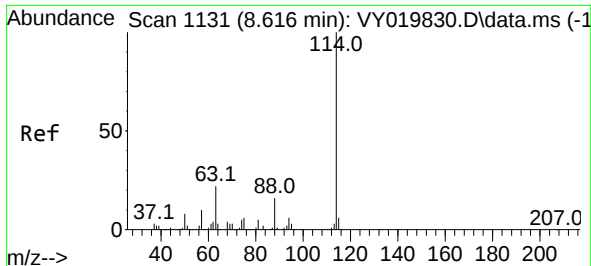


#33
1,2-Dichloroethane-d4
Concen: 57.881 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59



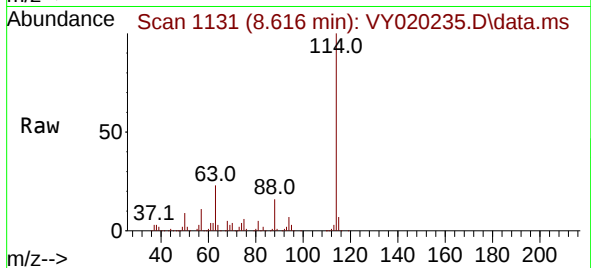
Tgt Ion: 65 Resp: 140186
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6



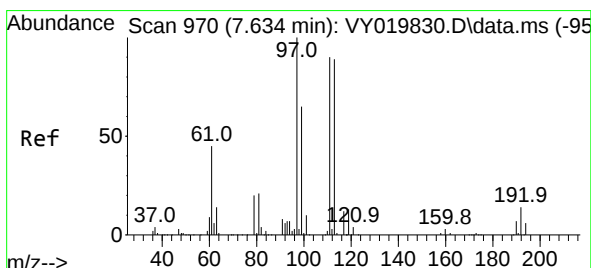
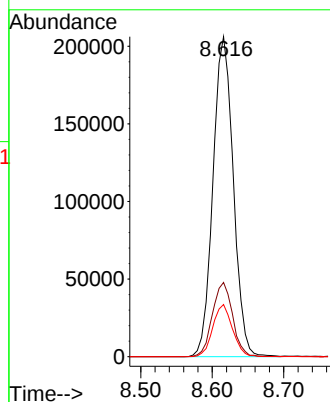
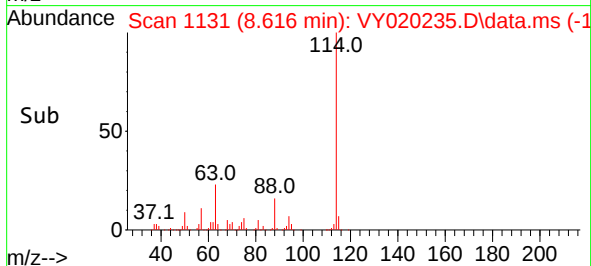


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :

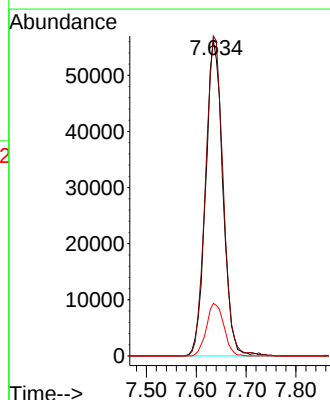
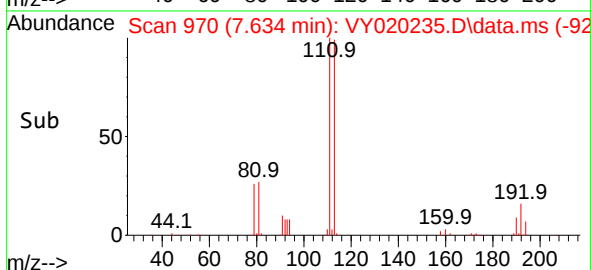
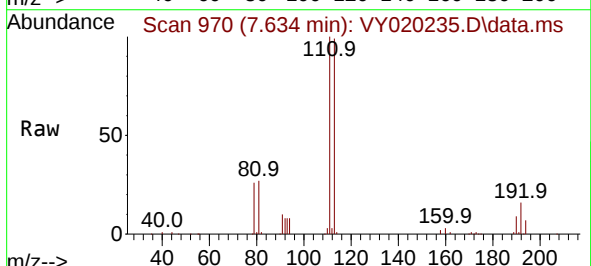


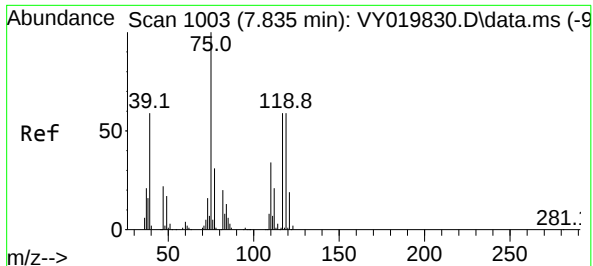
Tgt Ion:114 Resp: 407124
Ion Ratio Lower Upper
114 100
63 23.2 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.062 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

Tgt Ion:113 Resp: 134762
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 16.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

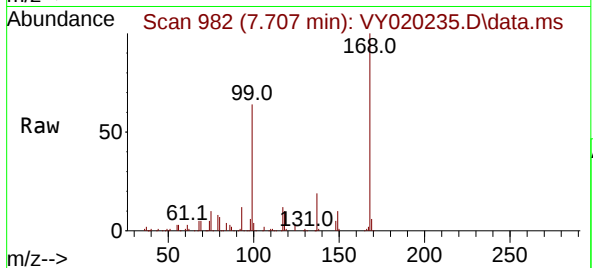
Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :



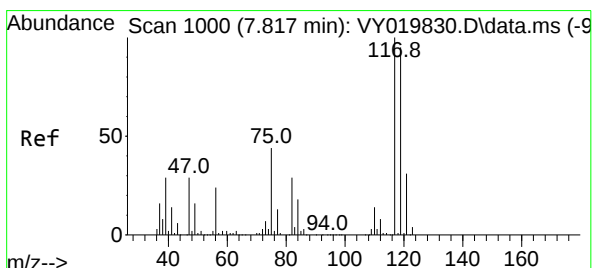
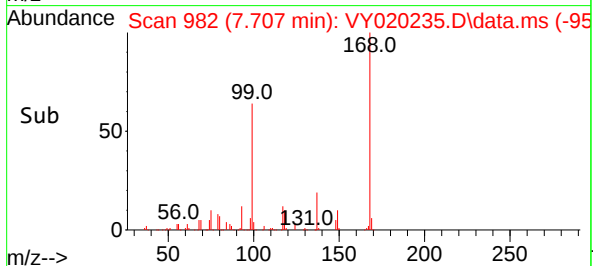
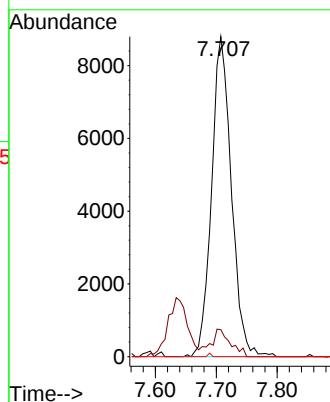
Tgt Ion: 75 Resp: 19890

Ion Ratio Lower Upper

75 100

110 7.6 19.0 57.0#

77 0.2 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.675 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

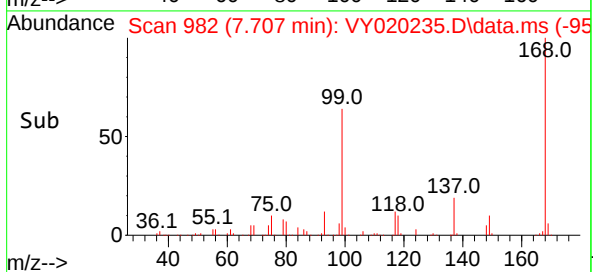
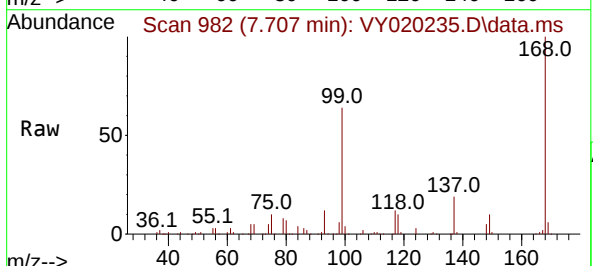
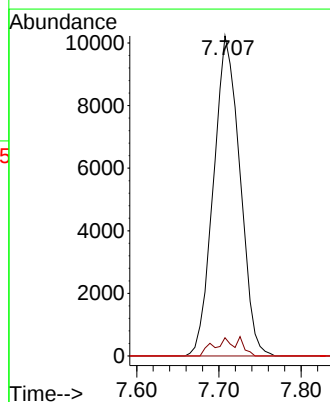
Tgt Ion: 117 Resp: 22817

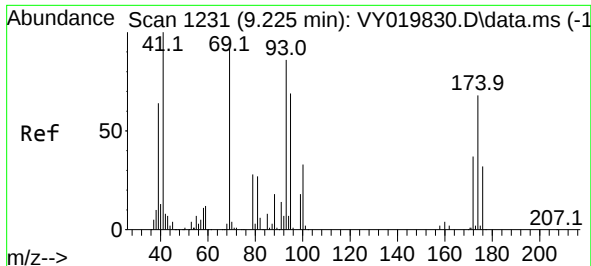
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.220 ug/l

RT: 9.244 min Scan# 1231

Delta R.T. 0.013 min

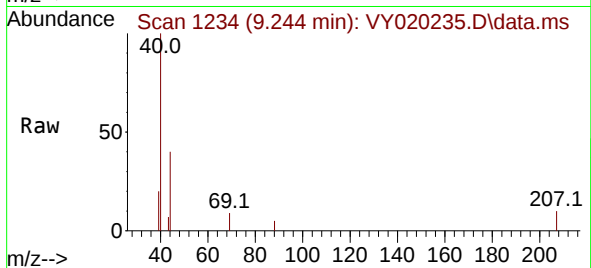
Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :



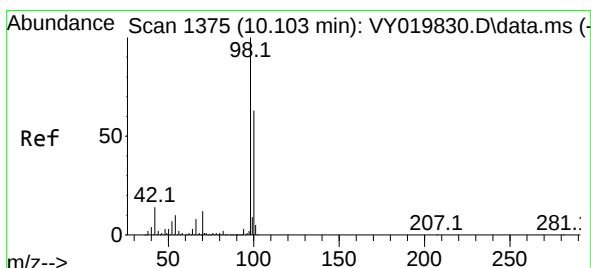
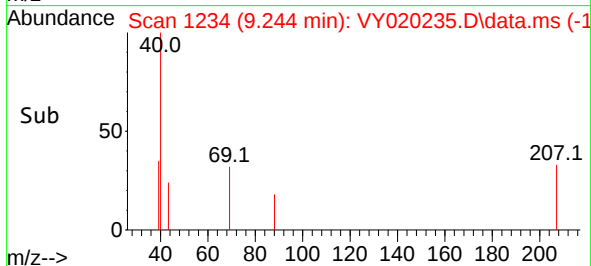
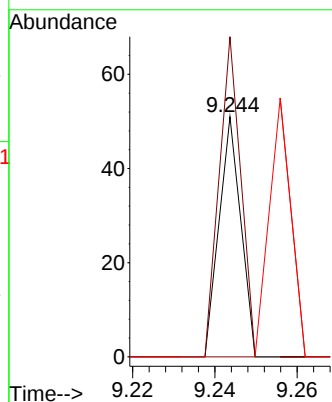
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 131.6 0.0 0.0#

58 105.3 49.3 73.9#



#50

Toluene-d8

Concen: 49.795 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020235.D

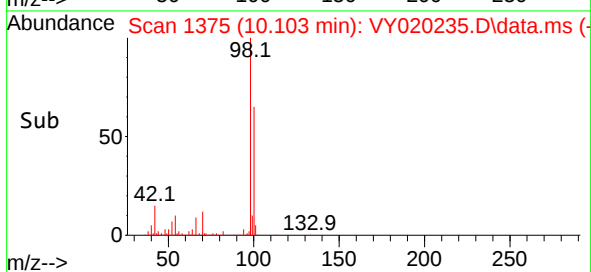
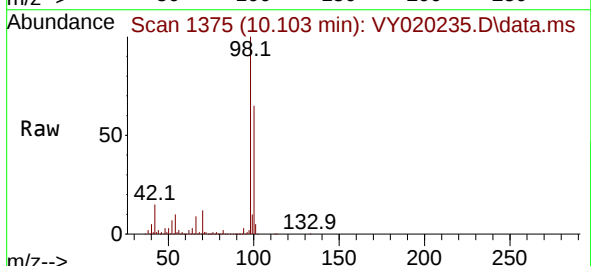
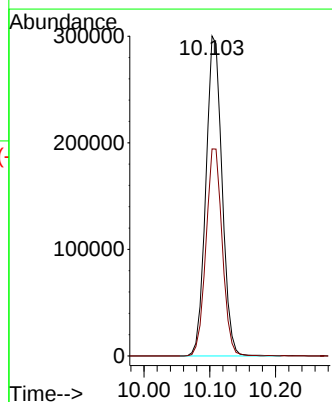
Acq: 08 Nov 2024 15:59

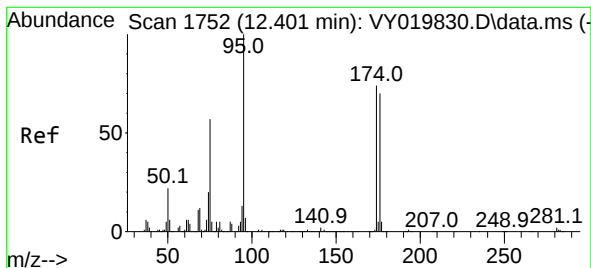
Tgt Ion: 98 Resp: 513055

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

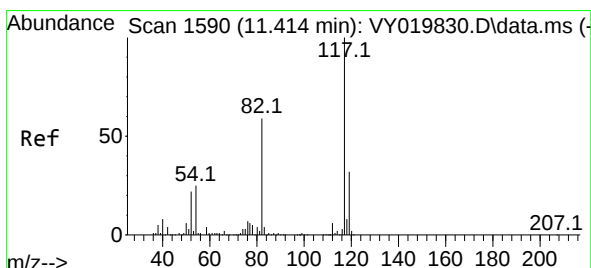
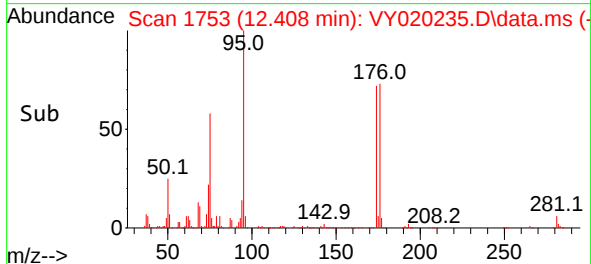
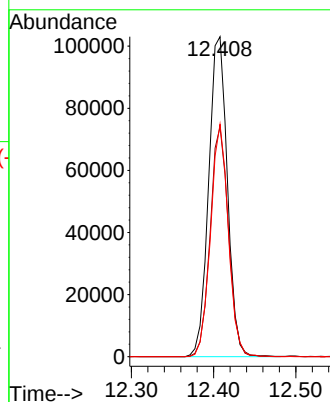
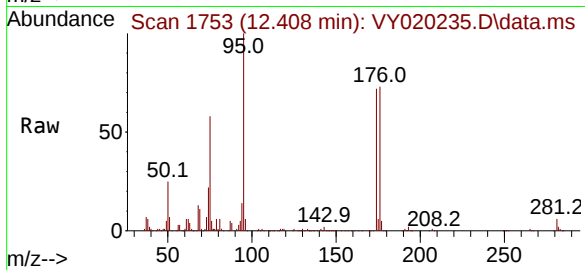




#62
4-Bromofluorobenzene
Concen: 48.653 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

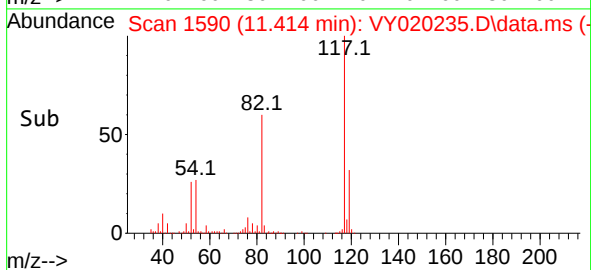
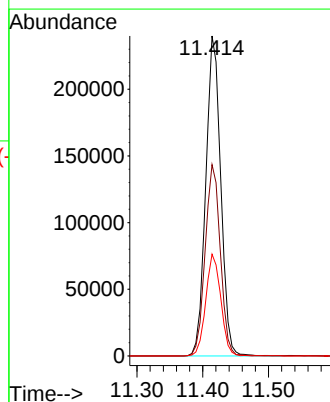
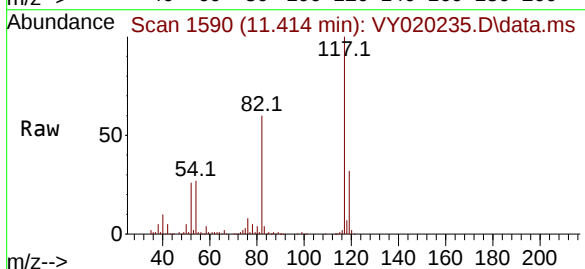
Instrument :
MSVOA_Y
ClientSampleId :

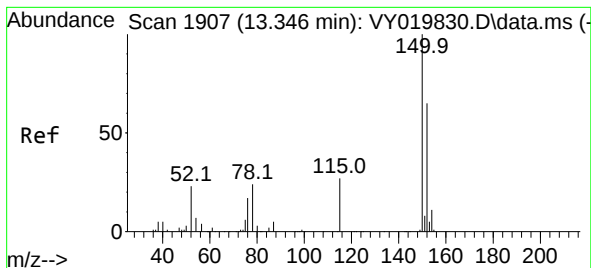
Tgt Ion: 95 Resp: 162825
Ion Ratio Lower Upper
95 100
174 70.3 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

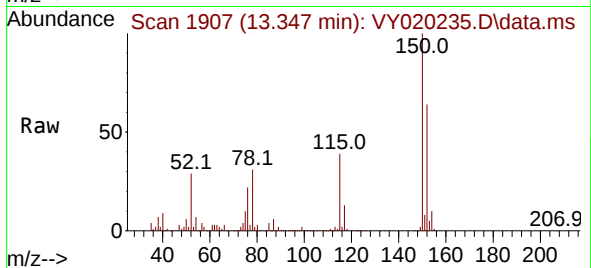
Tgt Ion: 117 Resp: 379587
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.9 38.9



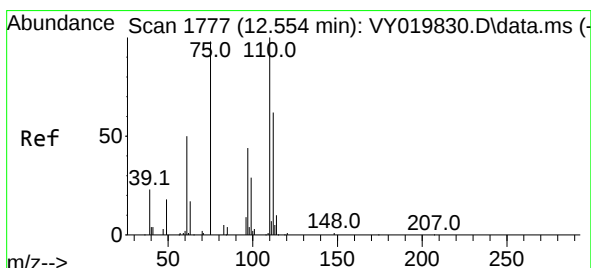
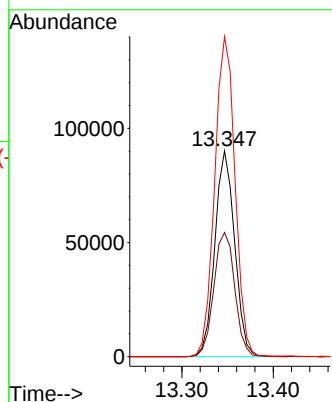
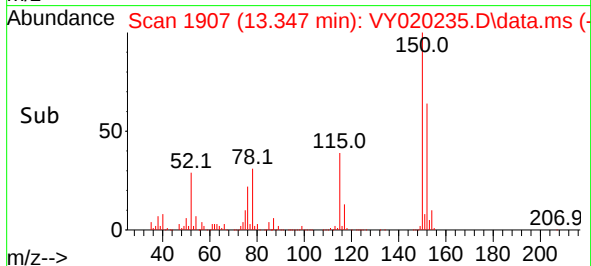


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :

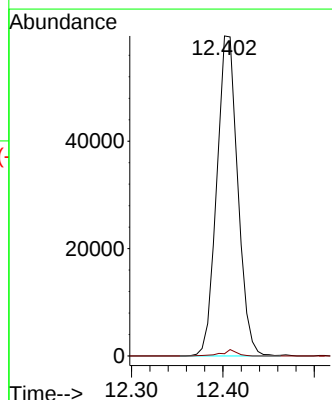
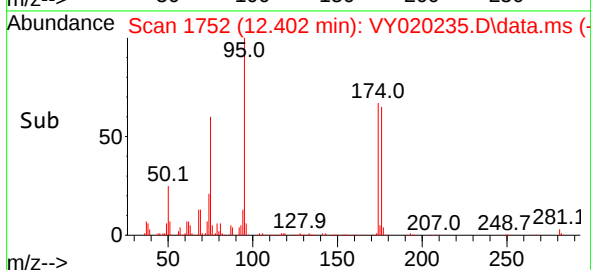
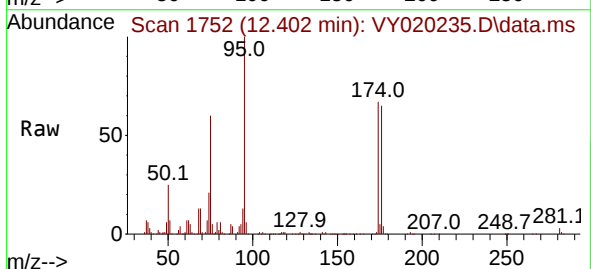


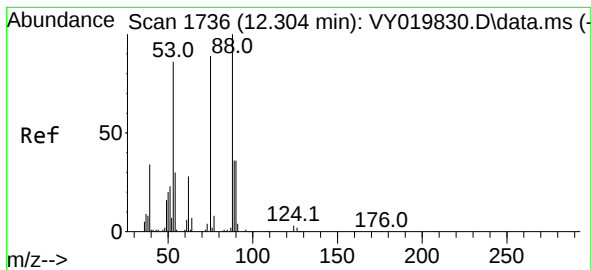
Tgt Ion:152 Resp: 135810
Ion Ratio Lower Upper
152 100
115 63.8 28.2 84.7
150 159.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 74.849 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

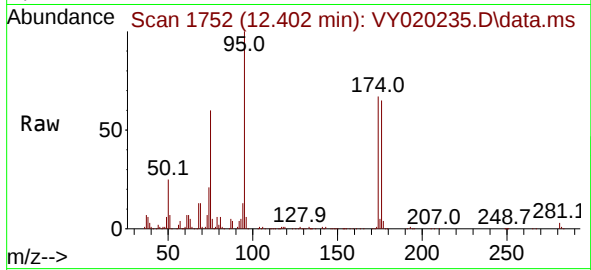
Tgt Ion: 75 Resp: 95289
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.998 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020235.D
 Acq: 08 Nov 2024 15:59

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#

