

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020093.D
 Acq On : 31 Oct 2024 14:38
 Operator : SY/MD
 Sample : P4594-07
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:48:27 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)

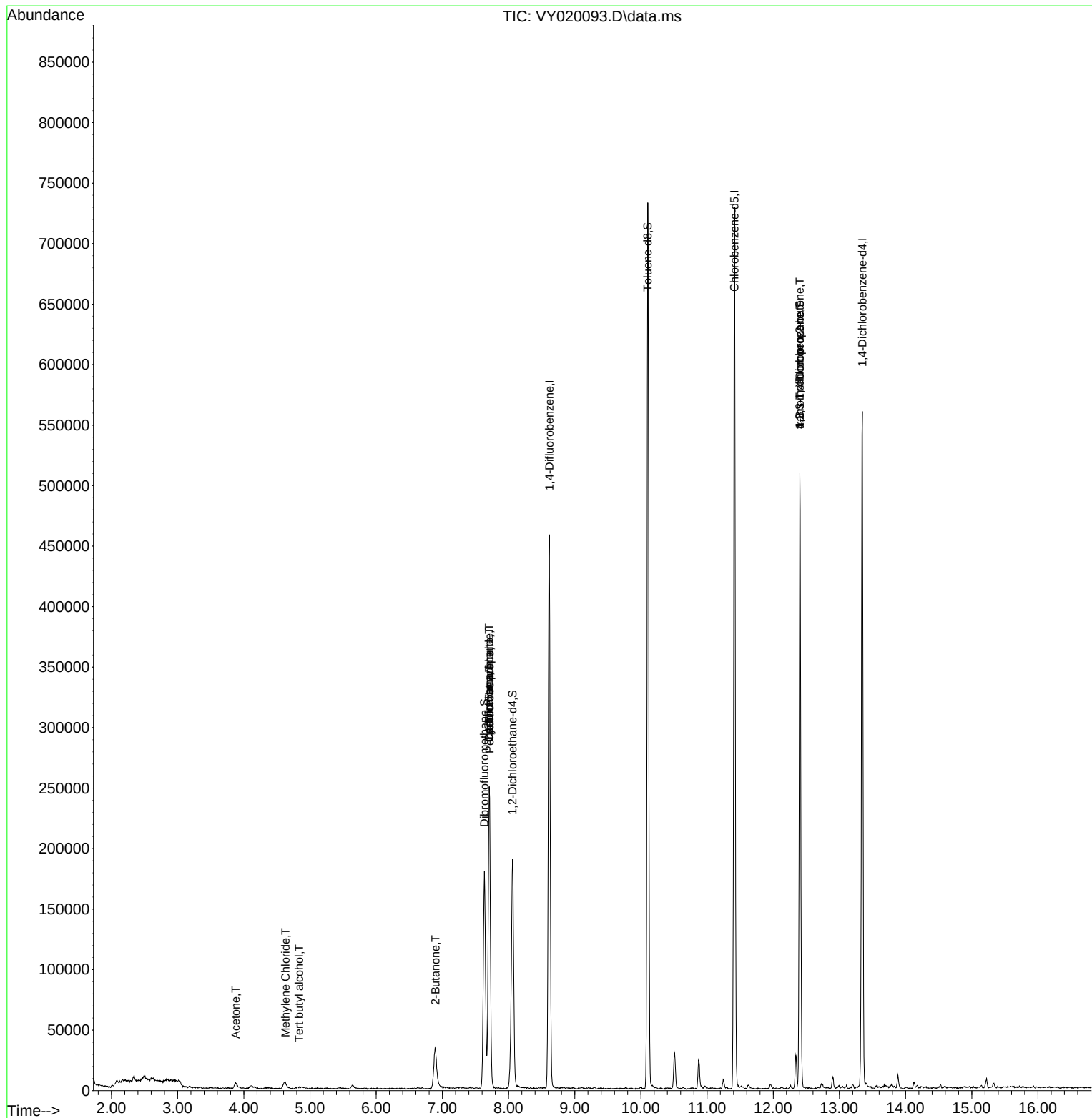
Internal Standards						
1) Pentafluorobenzene	7.713	168	172117	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	360169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	343588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134797	62.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.500%	
35) Dibromofluoromethane	7.634	113	121759	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.103	98	453679	49.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.402	95	146403	49.449	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	379	2.453	ug/l	# 91
16) Acetone	3.879	43	8025	16.064	ug/l	# 72
20) Methylene Chloride	4.629	84	3718	1.657	ug/l	# 82
25) 2-Butanone	6.896	43	3678	5.431	ug/l	# 59
31) Cyclohexane	7.707	56	5888	1.510	ug/l	# 55
36) 1,1-Dichloropropene	7.707	75	17858	5.048	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19143	5.382	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	83956	70.911	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	83956	152.528	ug/l	# 16

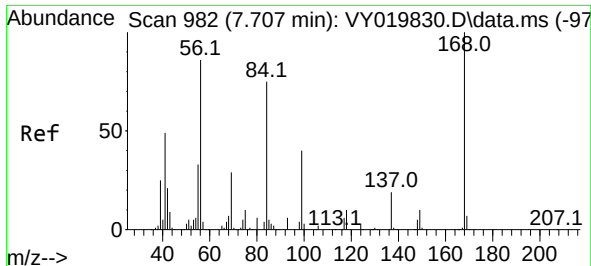
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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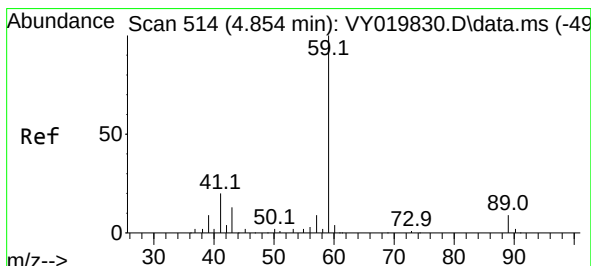
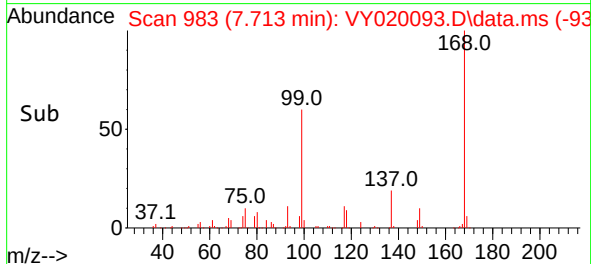
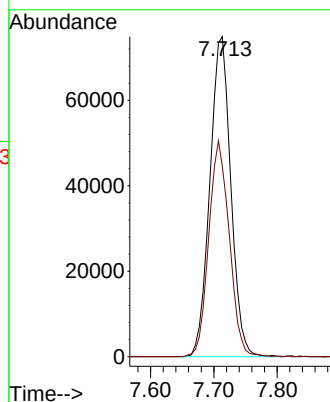
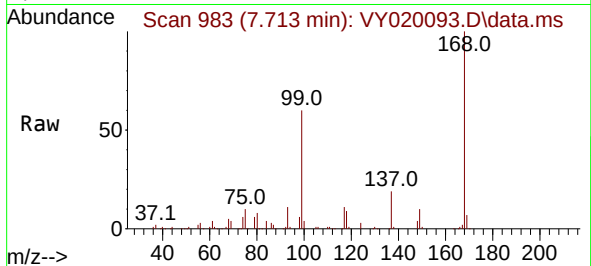




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

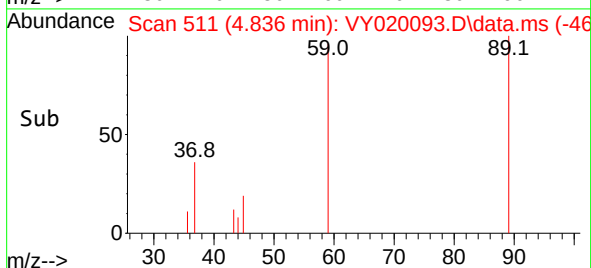
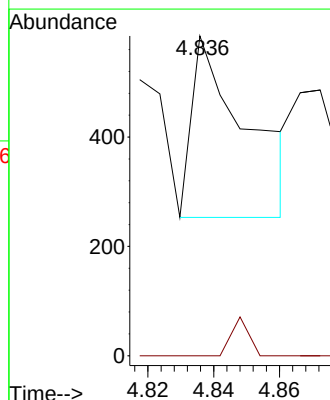
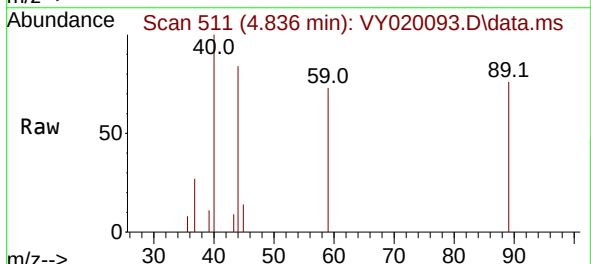
Instrument :
MSVOA_Y
ClientSampleId :

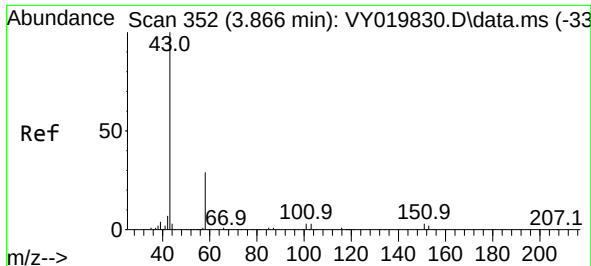
Tgt Ion:168 Resp: 172117
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.453 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 6.9 3.0 4.6#

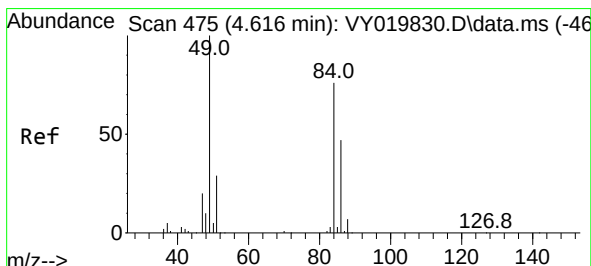
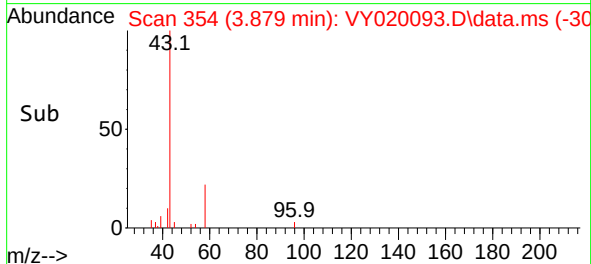
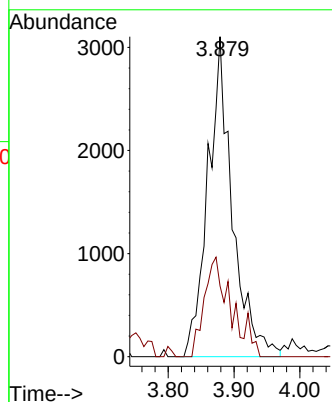
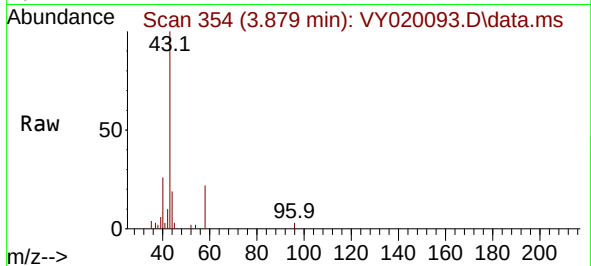




#16
Acetone
Concen: 16.064 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

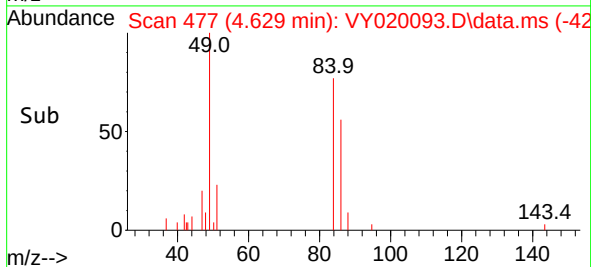
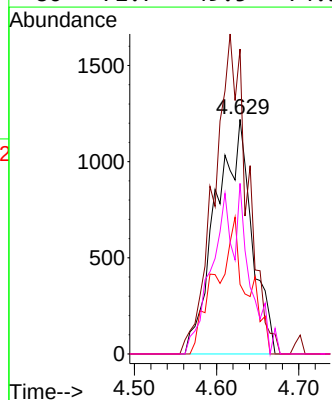
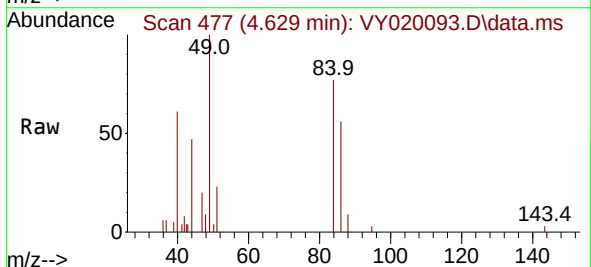
Instrument :
MSVOA_Y
ClientSampleId :

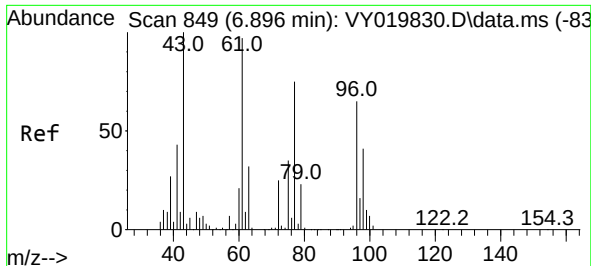
Tgt Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
58 22.1 31.7 47.5#



#20
Methylene Chloride
Concen: 1.657 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 84 Resp: 3718
Ion Ratio Lower Upper
84 100
49 130.0 84.4 126.6#
51 29.7 26.0 39.0
86 72.7 49.5 74.3





#25

2-Butanone

Concen: 5.431 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

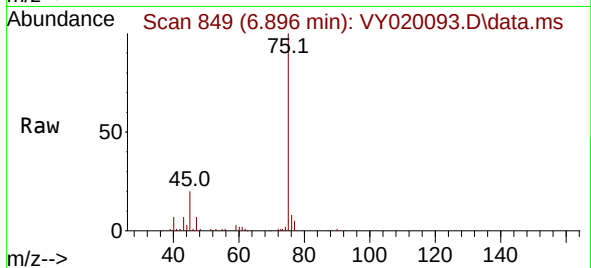
Lab File: VY020093.D

Acq: 31 Oct 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

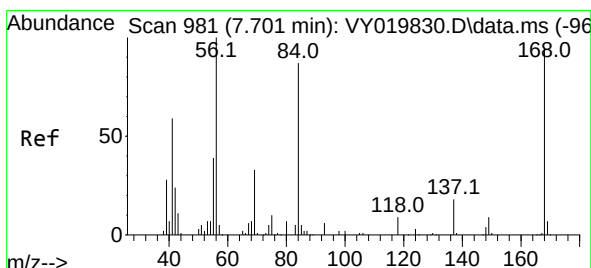
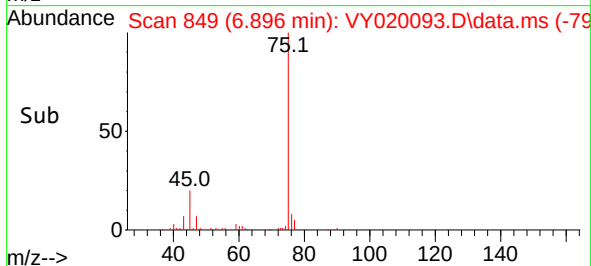
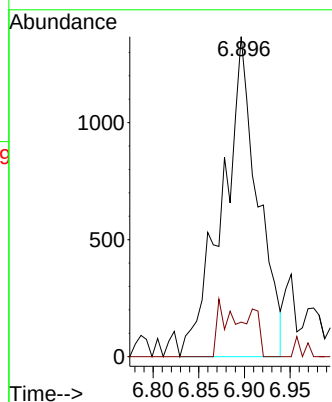


Tgt Ion: 43 Resp: 3678

Ion Ratio Lower Upper

43 100

72 10.8 27.3 40.9#



#31

Cyclohexane

Concen: 1.510 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020093.D

Acq: 31 Oct 2024 14:38

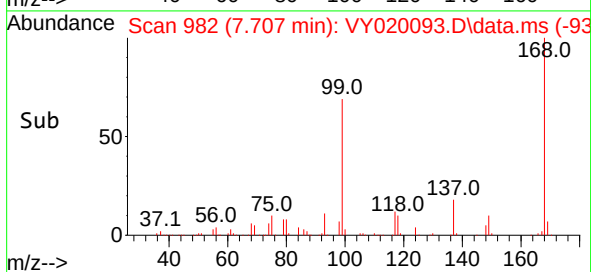
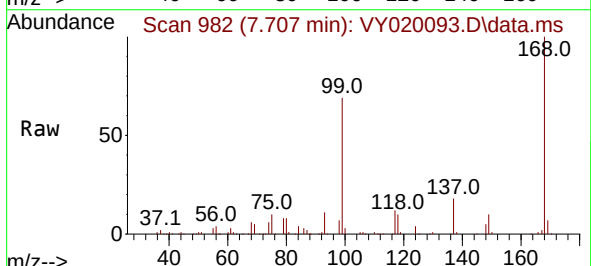
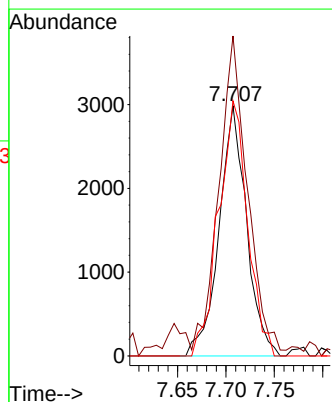
Tgt Ion: 56 Resp: 5888

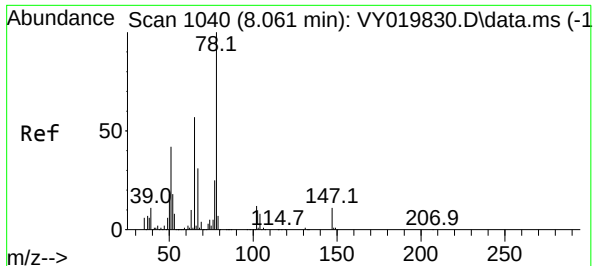
Ion Ratio Lower Upper

56 100

69 125.6 28.7 43.1#

84 102.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 62.751 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020093.D

Acq: 31 Oct 2024 14:38

Instrument :

MSVOA_Y

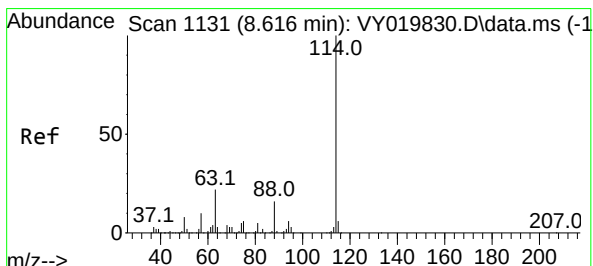
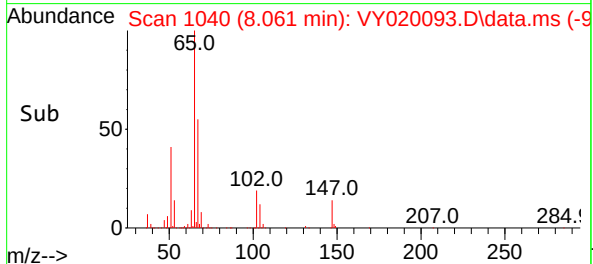
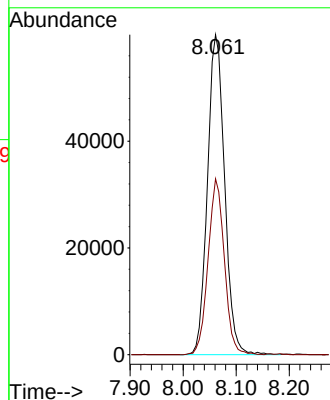
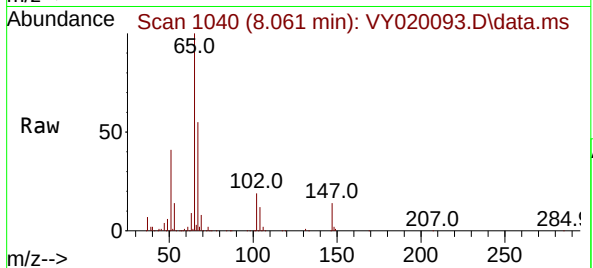
ClientSampleId :

Tgt Ion: 65 Resp: 134797

Ion Ratio Lower Upper

65 100

67 52.1 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: VY020093.D

Acq: 31 Oct 2024 14:38

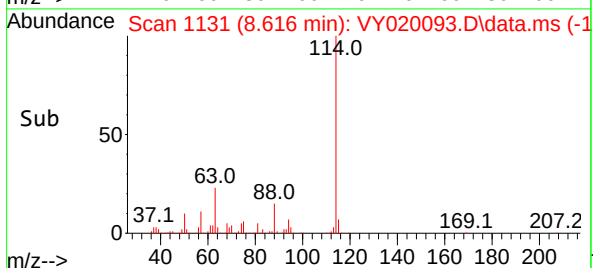
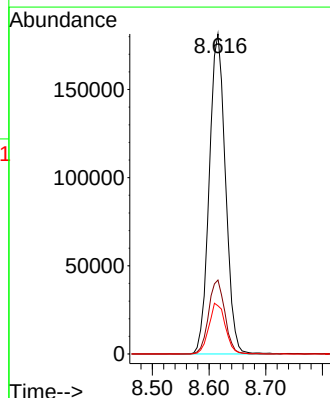
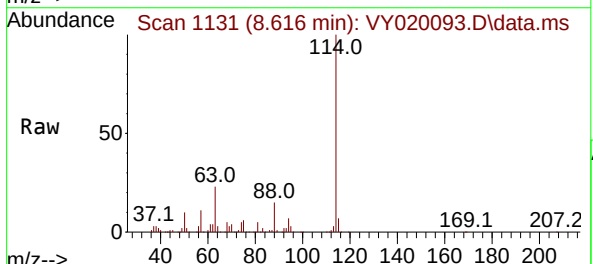
Tgt Ion: 114 Resp: 360169

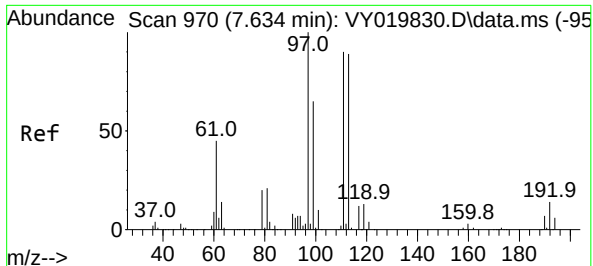
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 15.1 0.0 27.2

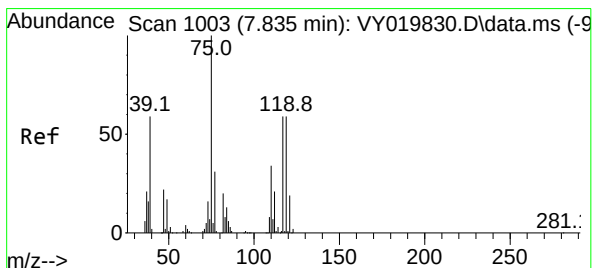
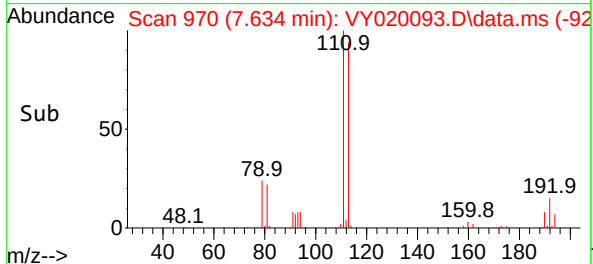
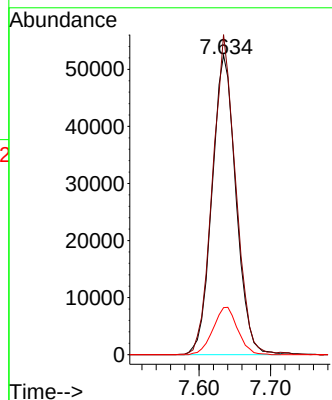
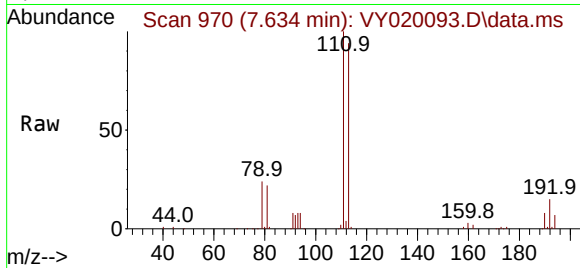




#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

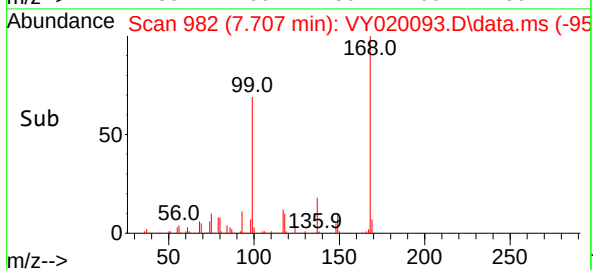
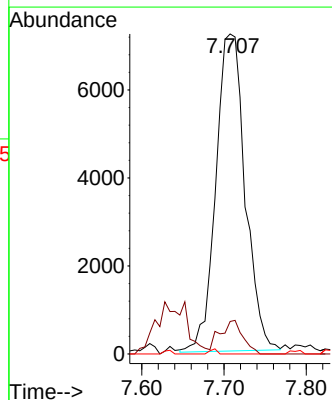
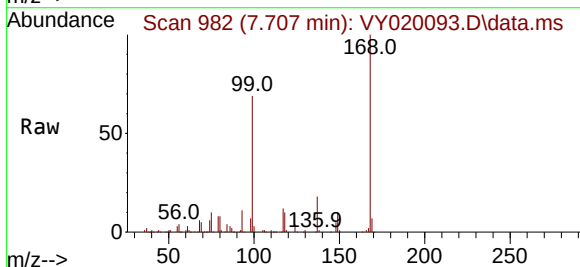
Instrument :
MSVOA_Y
ClientSampleId :

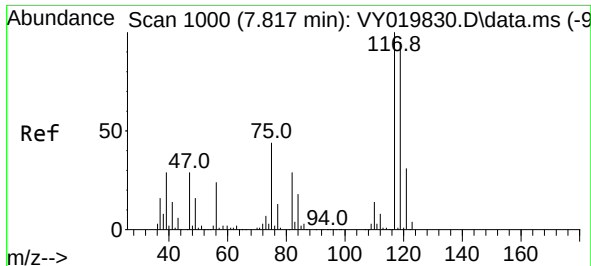
Tgt Ion:113 Resp: 121759
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

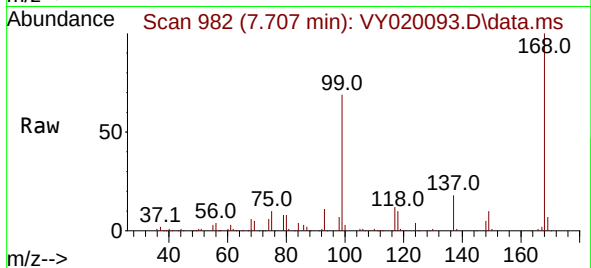
Tgt Ion: 75 Resp: 17858
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



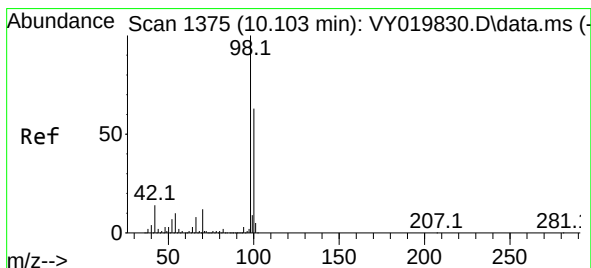
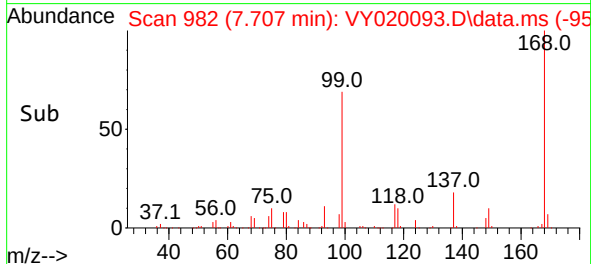
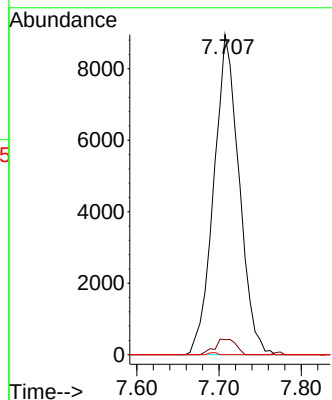


#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

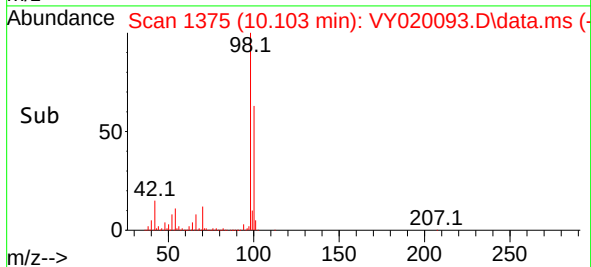
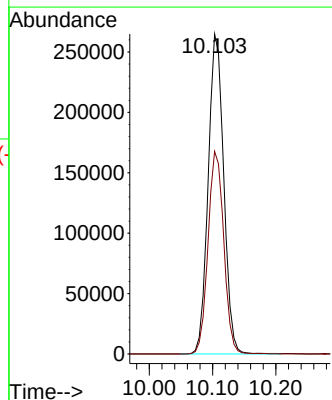
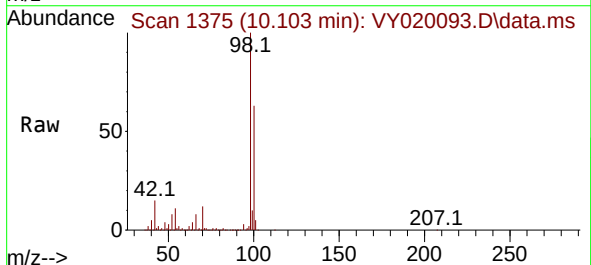


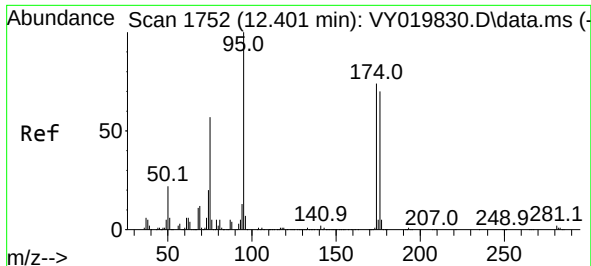
Tgt Ion:117 Resp: 19143
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.772 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 98 Resp: 453679
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

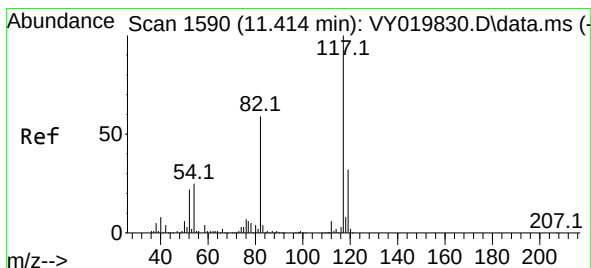
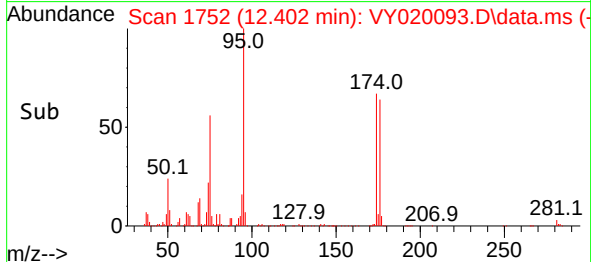
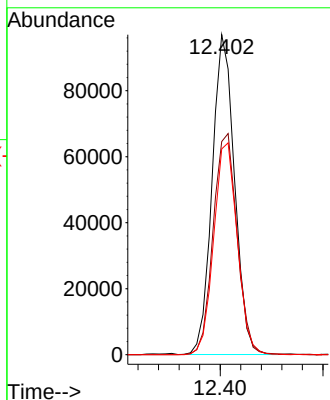
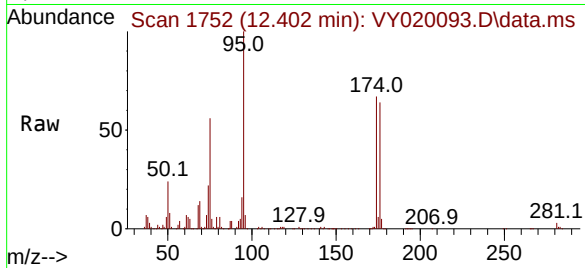




#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

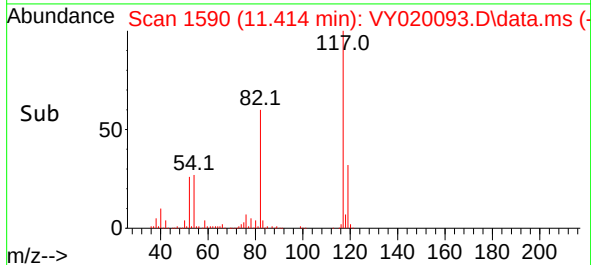
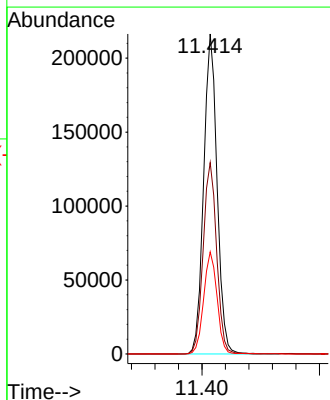
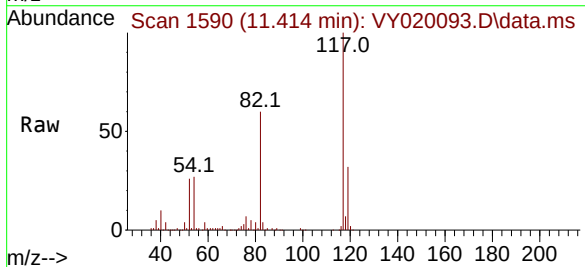
Instrument :
MSVOA_Y
ClientSampleId :

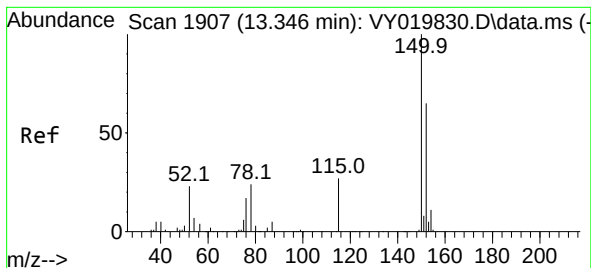
Tgt Ion: 95 Resp: 146403
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020093.D
Acq: 31 Oct 2024 14:38

Tgt Ion: 117 Resp: 343588
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 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: VY020093.D

Acq: 31 Oct 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

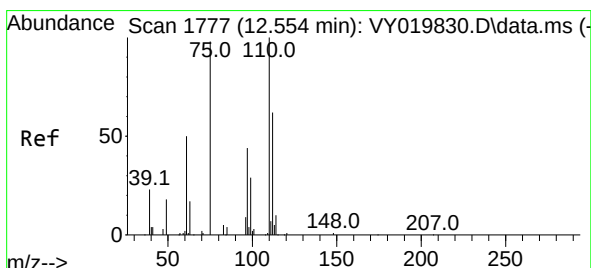
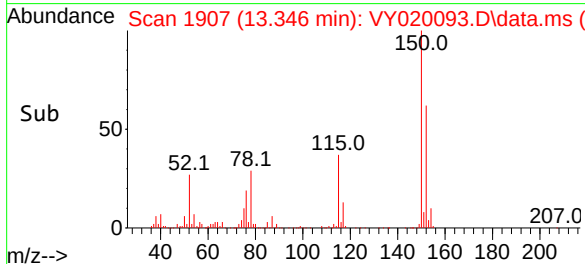
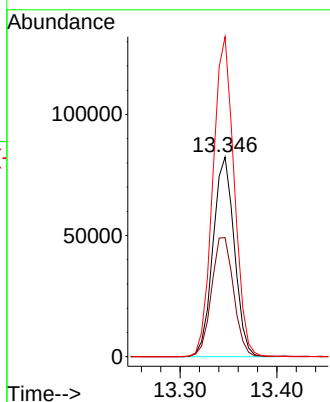
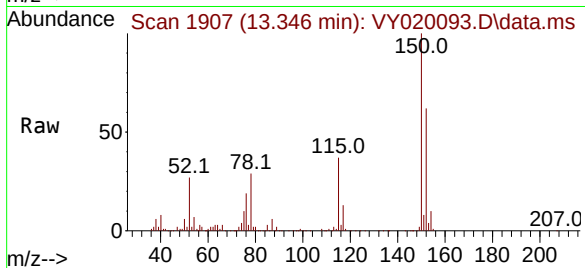
Tgt Ion:152 Resp: 126303

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 159.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.911 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020093.D

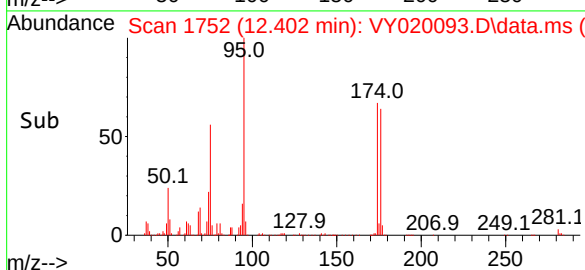
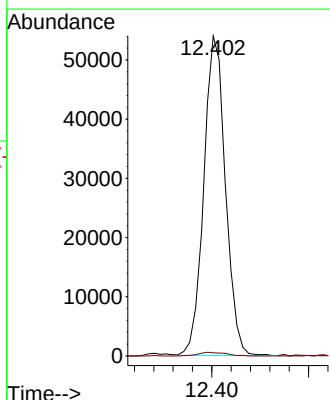
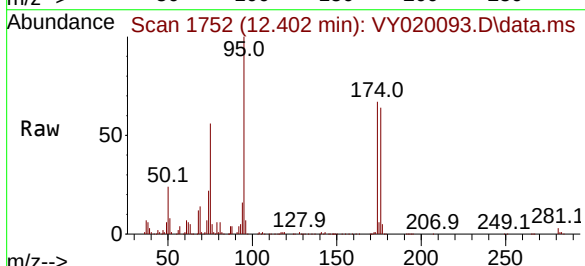
Acq: 31 Oct 2024 14:38

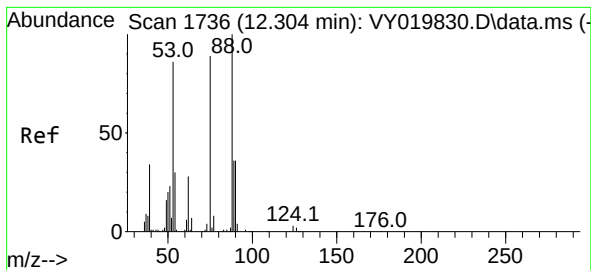
Tgt Ion: 75 Resp: 83956

Ion Ratio Lower Upper

75 100

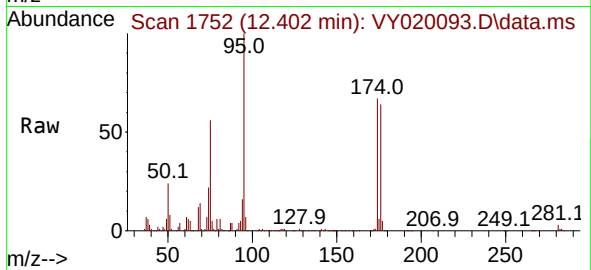
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.528 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020093.D
 Acq: 31 Oct 2024 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :



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

