

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020102.D
 Acq On : 31 Oct 2024 18:09
 Operator : SY/MD
 Sample : P4616-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:51:15 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)

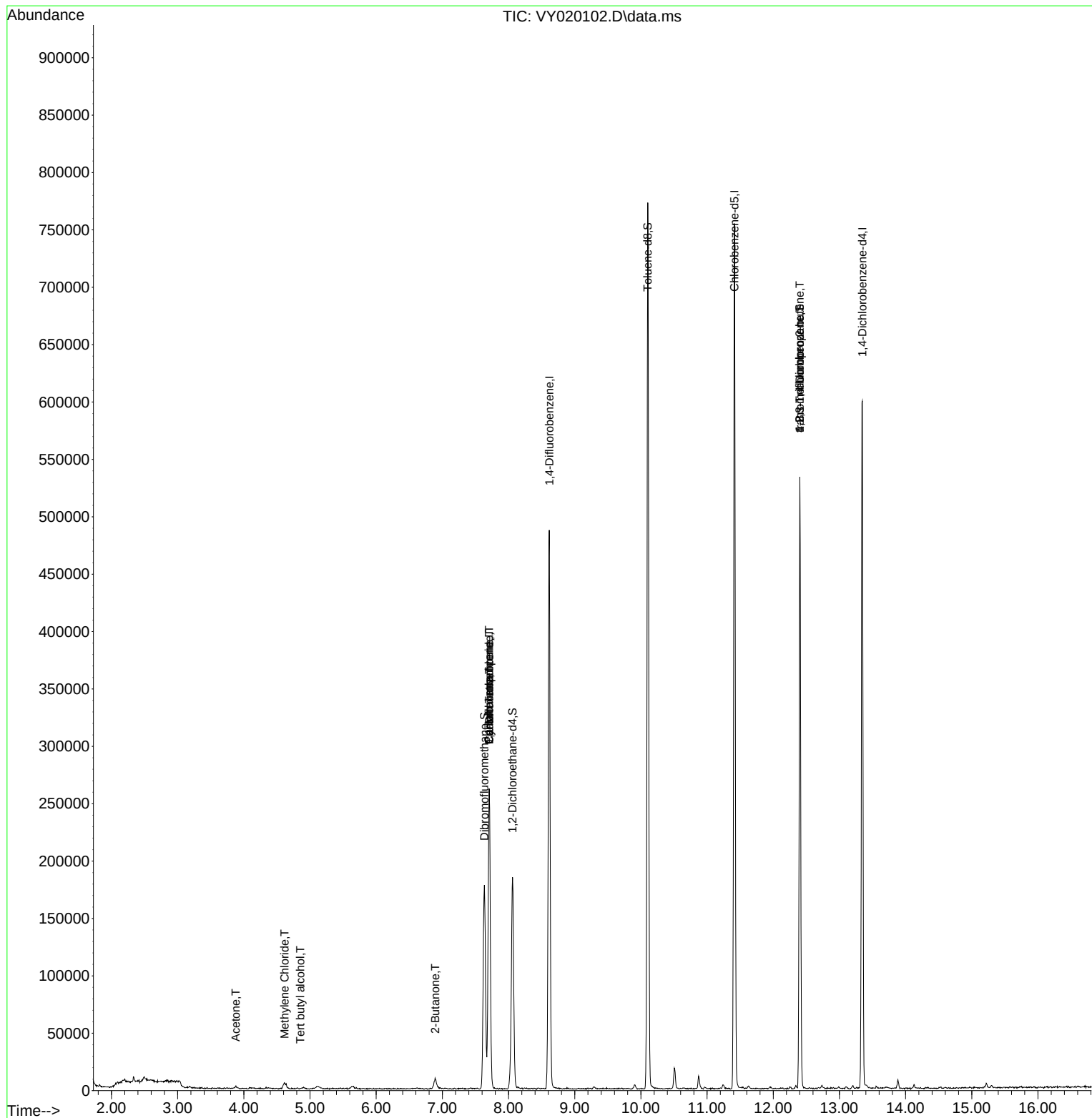
Internal Standards						
1) Pentafluorobenzene	7.707	168	181210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	381190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	356911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133864	59.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.380%	
35) Dibromofluoromethane	7.634	113	126495	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.380%	
50) Toluene-d8	10.103	98	472649	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.401	95	154068	49.168	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	172	1.057	ug/l	# 88
16) Acetone	3.878	43	3423	6.508	ug/l	91
20) Methylene Chloride	4.616	84	3285	1.390	ug/l	# 93
25) 2-Butanone	6.890	43	1234	1.731	ug/l	# 56
31) Cyclohexane	7.707	56	5445	1.327	ug/l	# 24
36) 1,1-Dichloropropene	7.707	75	18587	4.965	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	20260	5.381	ug/l	# 17
76) 1,2,3-Trichloropropane	12.401	75	88144	68.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	88144	148.127	ug/l	# 16

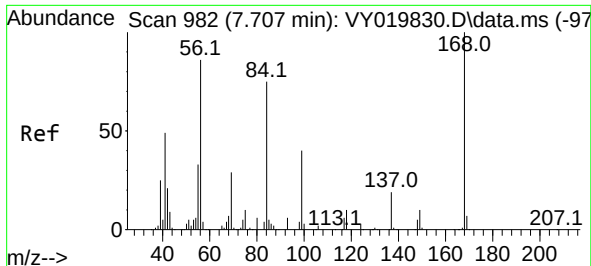
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

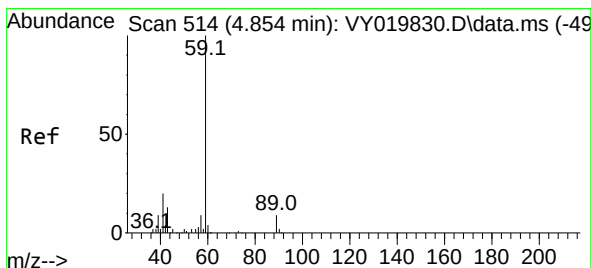
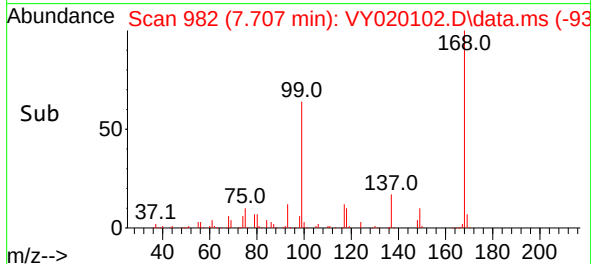
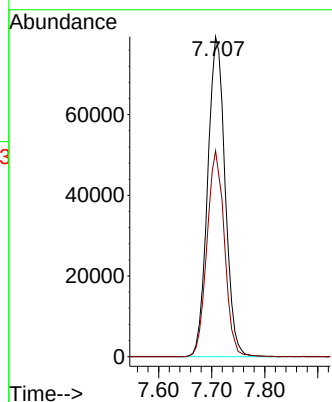
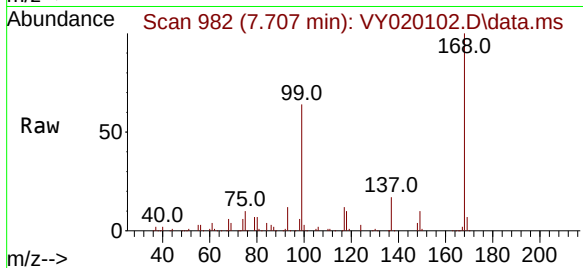




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

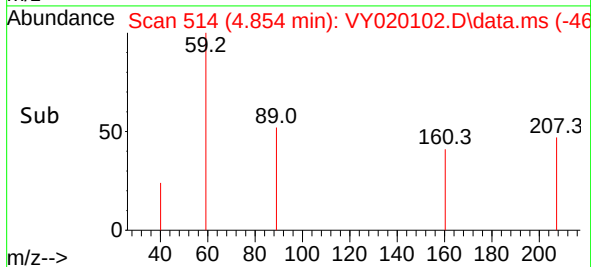
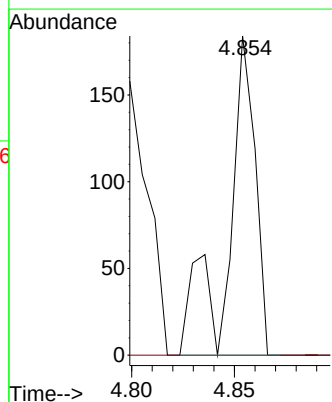
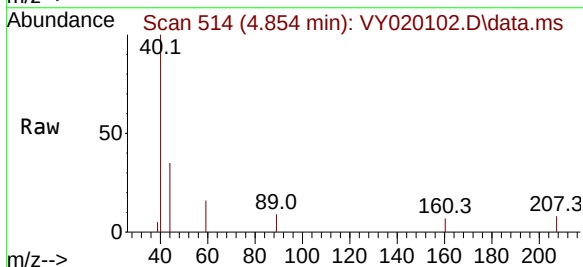
Instrument :
MSVOA_Y
ClientSampleId :

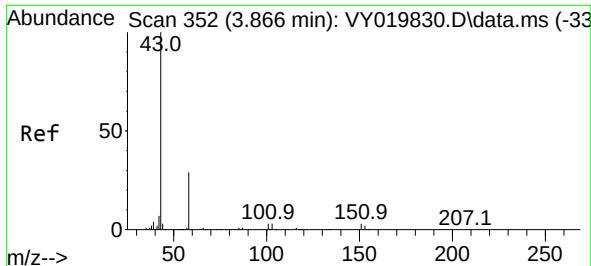
Tgt Ion:168 Resp: 181210
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.057 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

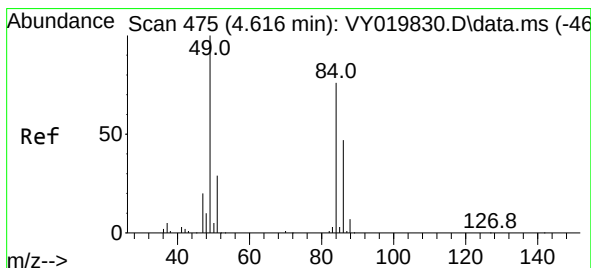
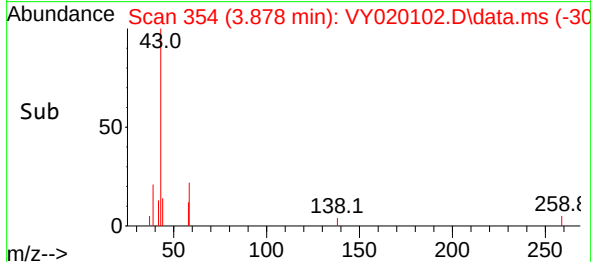
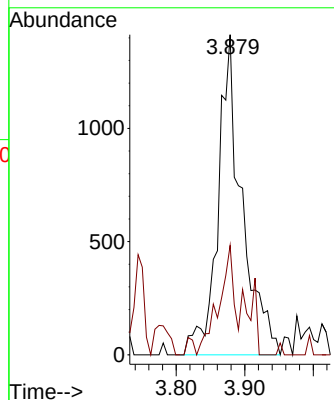
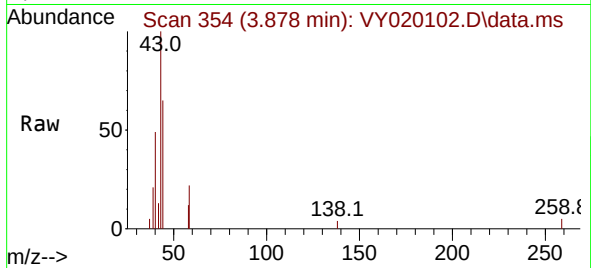




#16
Acetone
Concen: 6.508 ug/l
RT: 3.878 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

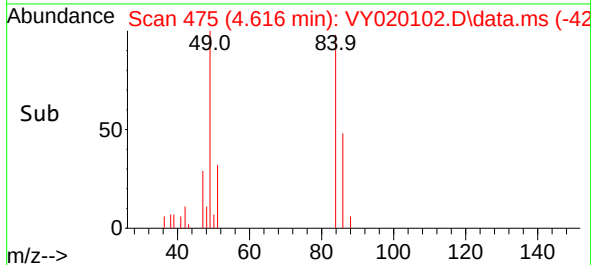
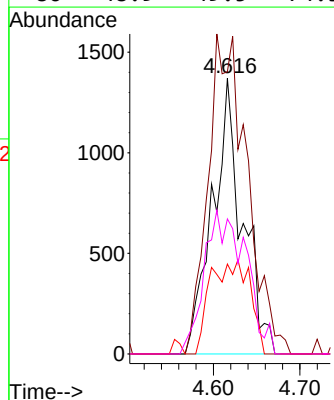
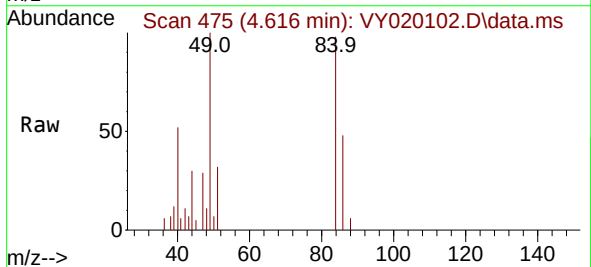
Instrument :
MSVOA_Y
ClientSampleId :

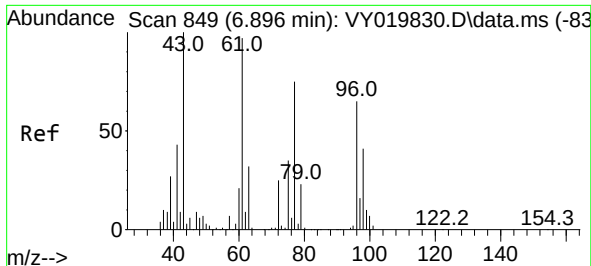
Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5



#20
Methylene Chloride
Concen: 1.390 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 84 Resp: 3285
Ion Ratio Lower Upper
84 100
49 102.3 84.4 126.6
51 32.6 26.0 39.0
86 48.9 49.5 74.3





#25

2-Butanone

Concen: 1.731 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

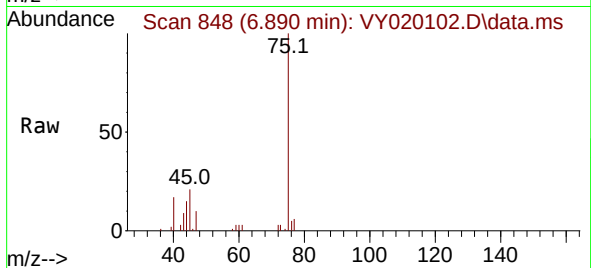
Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

Instrument :

MSVOA_Y

ClientSampleId :

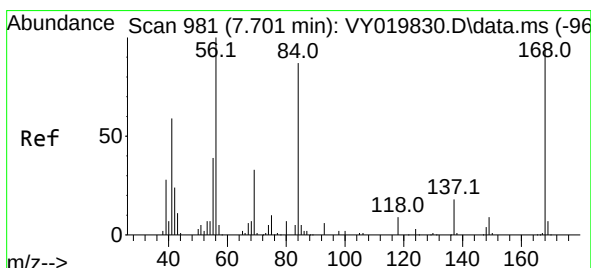
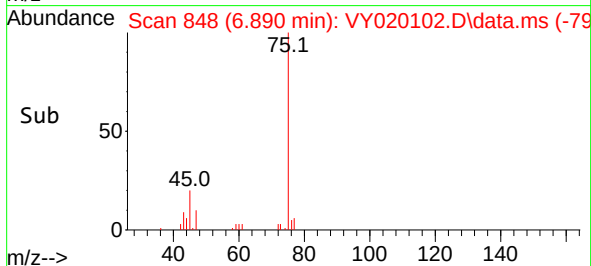
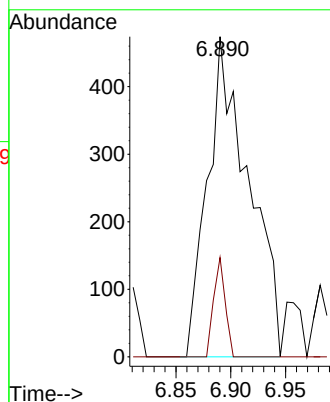


Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

72 59.1 27.3 40.9#



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

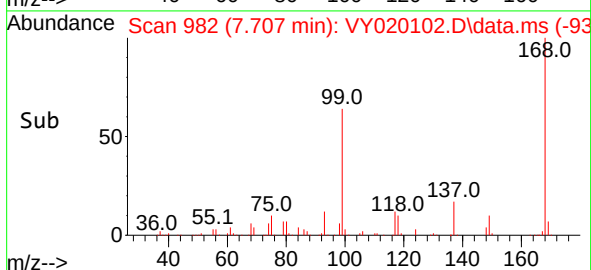
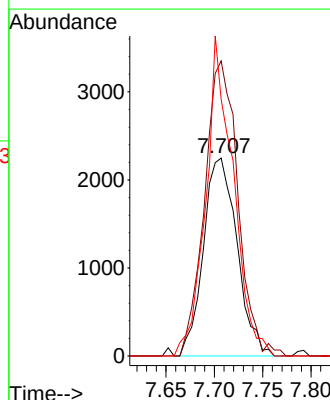
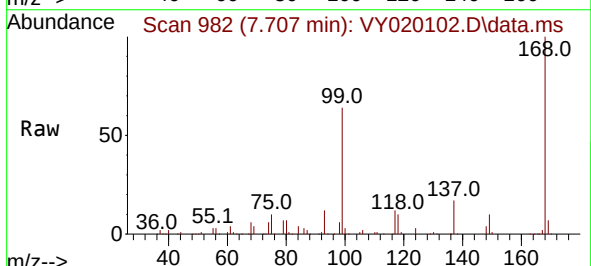
Tgt Ion: 56 Resp: 5445

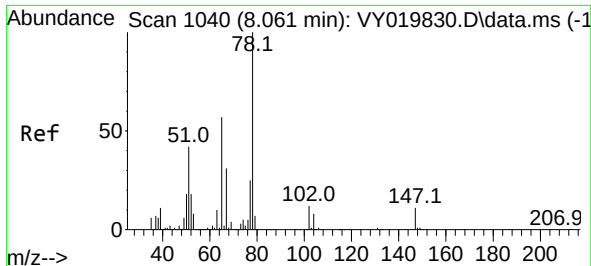
Ion Ratio Lower Upper

56 100

69 149.1 28.7 43.1#

84 129.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.189 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

Instrument :

MSVOA_Y

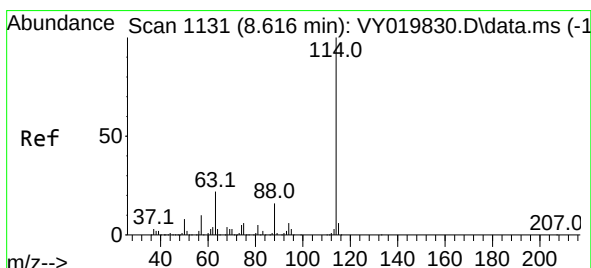
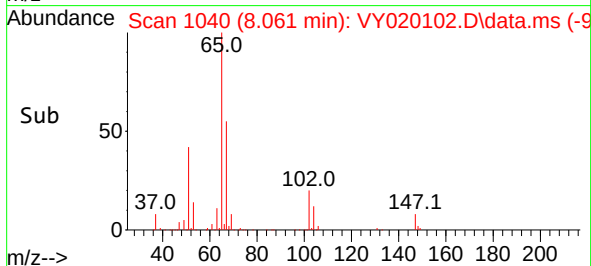
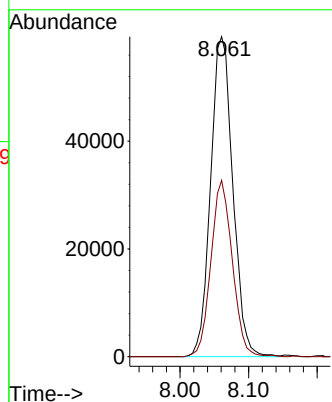
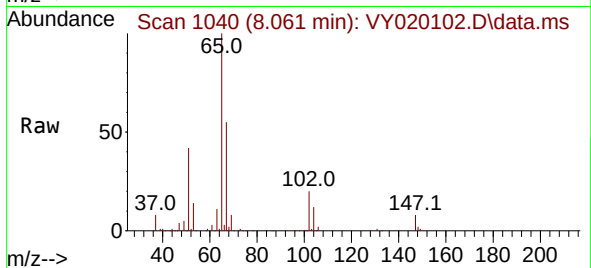
ClientSampleId :

Tgt Ion: 65 Resp: 133864

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020102.D

Acq: 31 Oct 2024 18:09

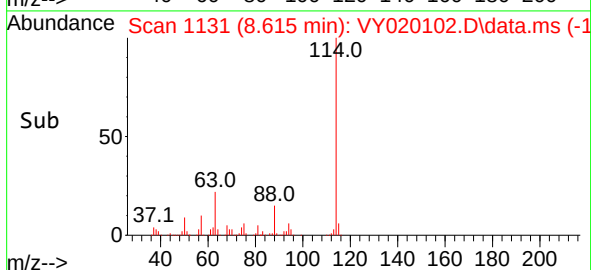
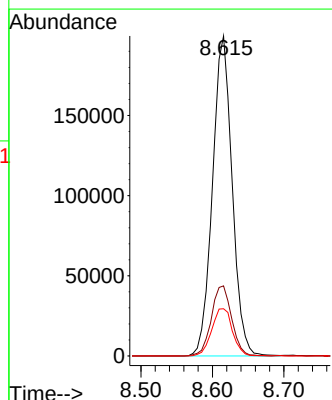
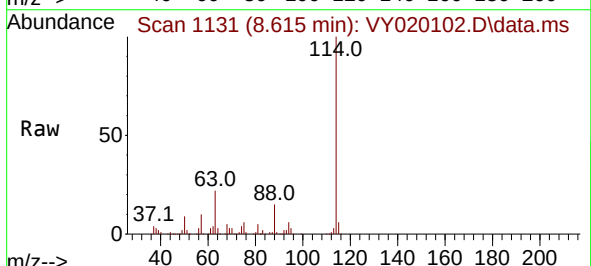
Tgt Ion: 114 Resp: 381190

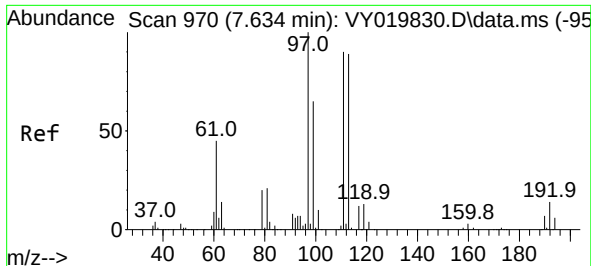
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

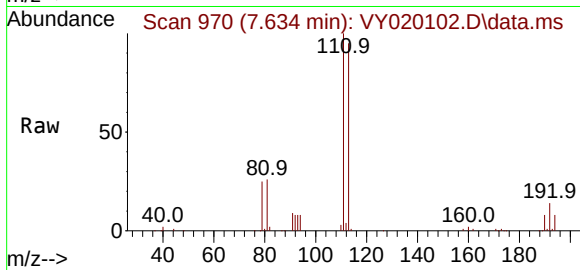
88 14.8 0.0 27.2



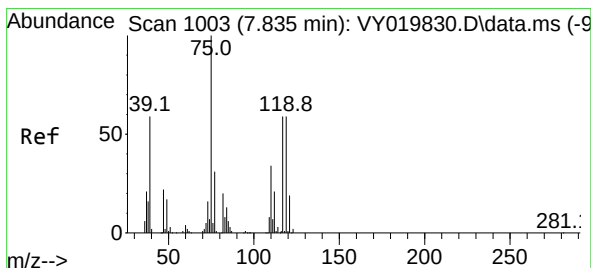
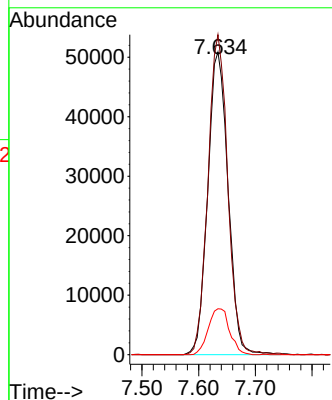
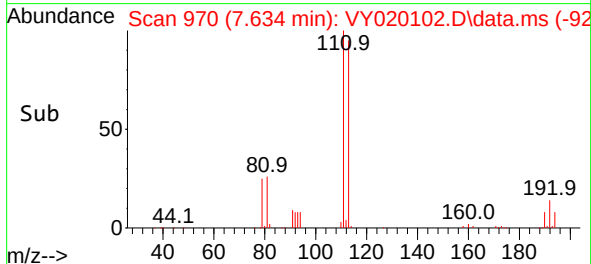


#35
Dibromofluoromethane
Concen: 52.193 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

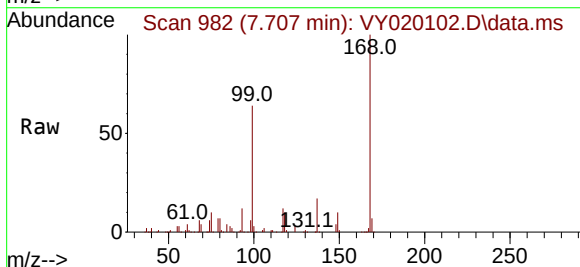
Instrument :
MSVOA_Y
ClientSampleId :



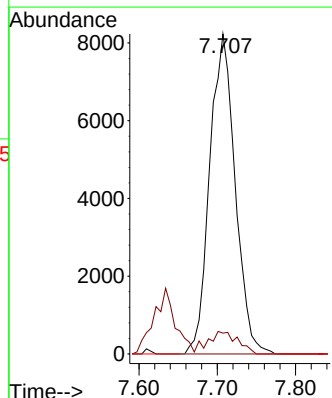
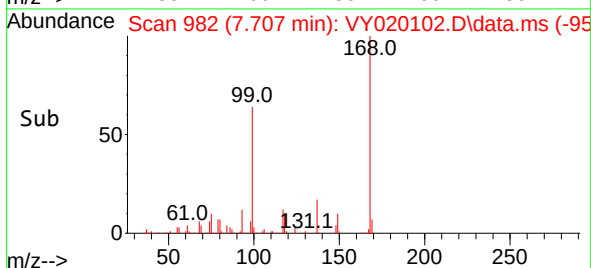
Tgt Ion:113 Resp: 126495
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.9 15.9 23.9#

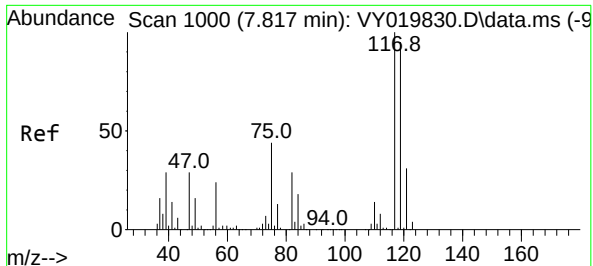


#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09



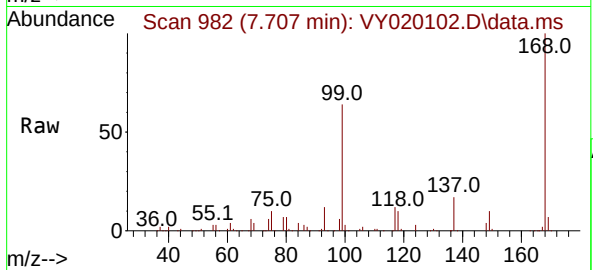
Tgt Ion: 75 Resp: 18587
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



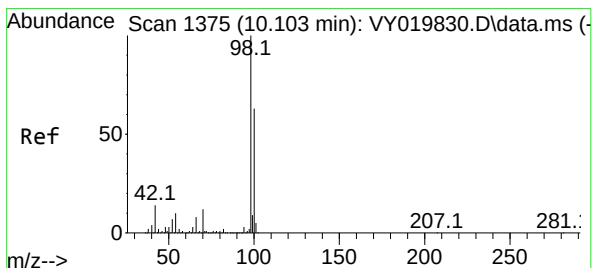
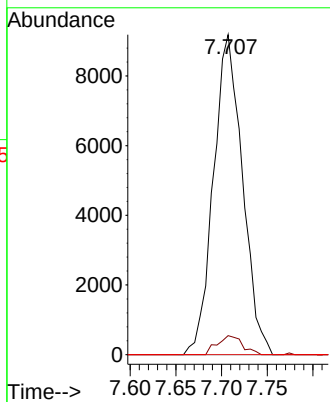
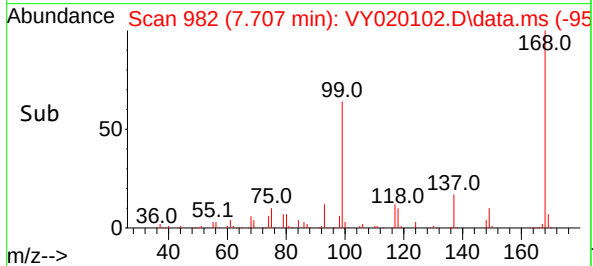


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Instrument :
MSVOA_Y
ClientSampleId :

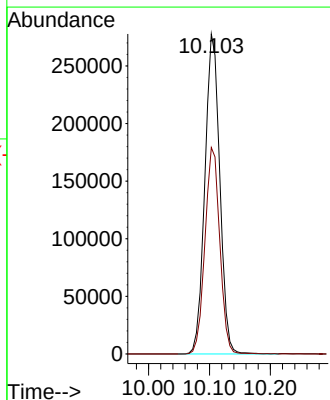
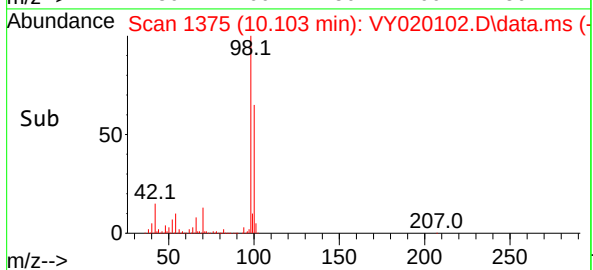
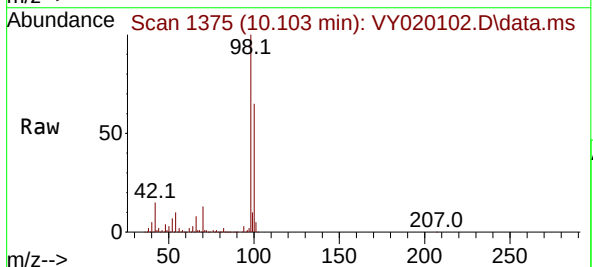


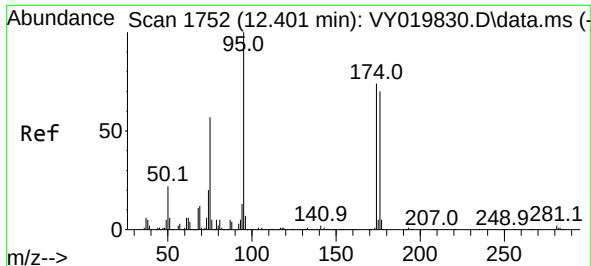
Tgt Ion:117 Resp: 20260
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 98 Resp: 472649
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

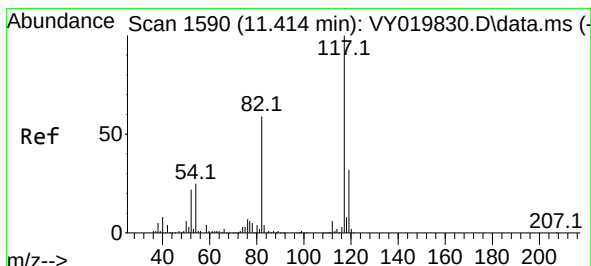
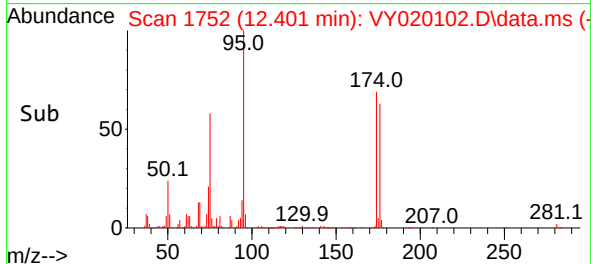
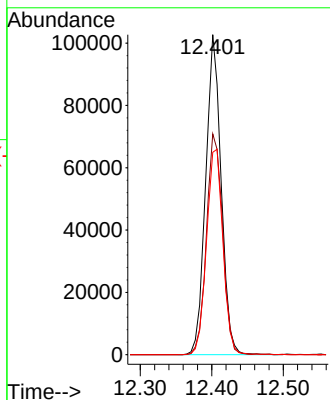
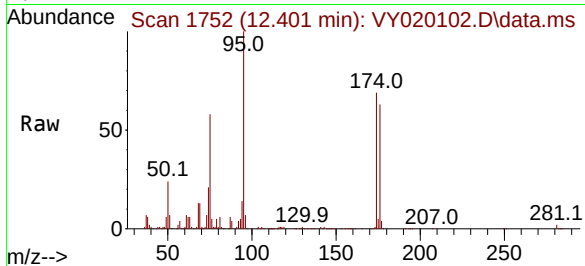




#62
4-Bromofluorobenzene
Concen: 49.168 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

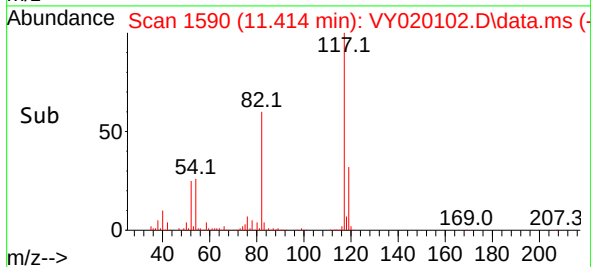
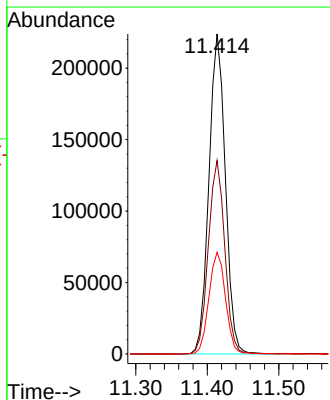
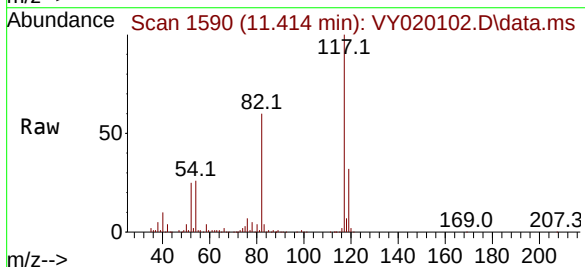
Instrument :
MSVOA_Y
ClientSampleId :

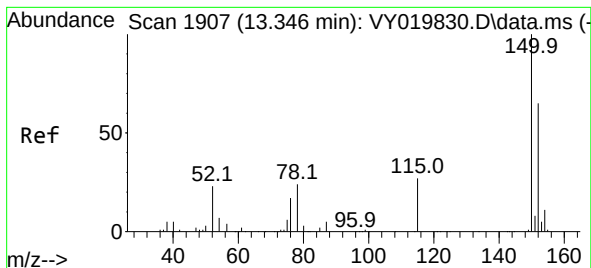
Tgt Ion: 95 Resp: 154068
Ion Ratio Lower Upper
95 100
174 72.2 0.0 175.6
176 68.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020102.D
Acq: 31 Oct 2024 18:09

Tgt Ion: 117 Resp: 356911
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.7 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: VY020102.D

Acq: 31 Oct 2024 18:09

Instrument :

MSVOA_Y

ClientSampleId :

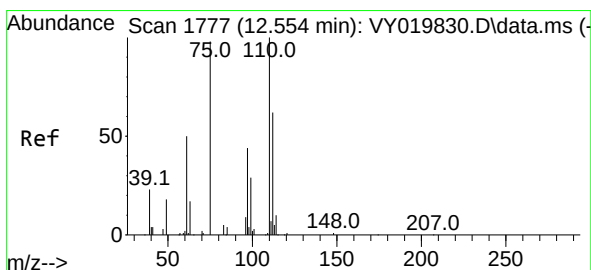
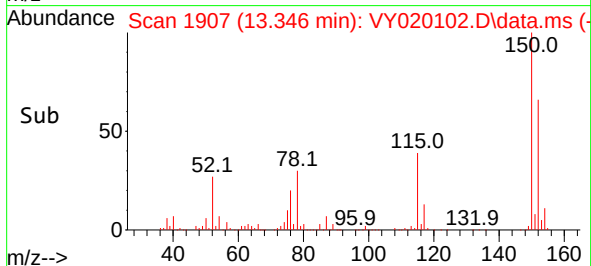
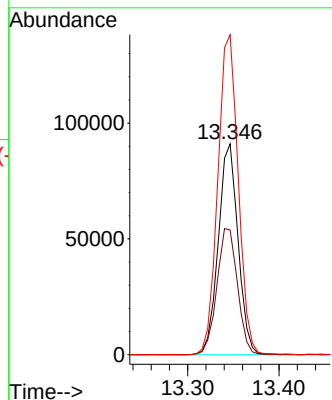
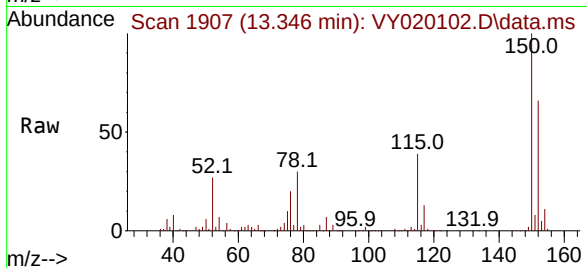
Tgt Ion:152 Resp: 136543

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.865 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020102.D

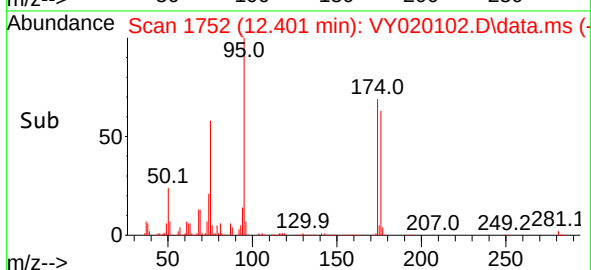
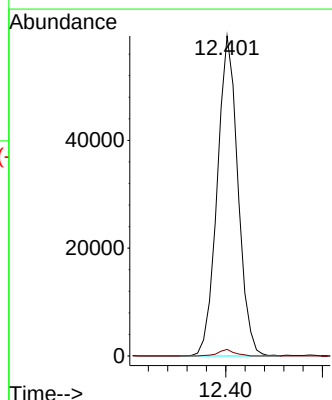
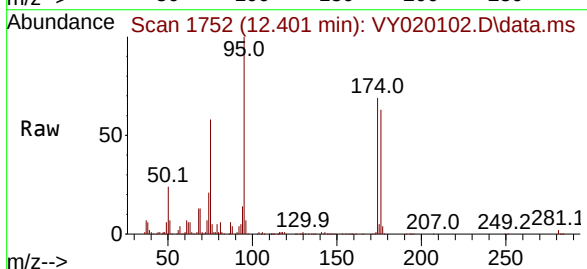
Acq: 31 Oct 2024 18:09

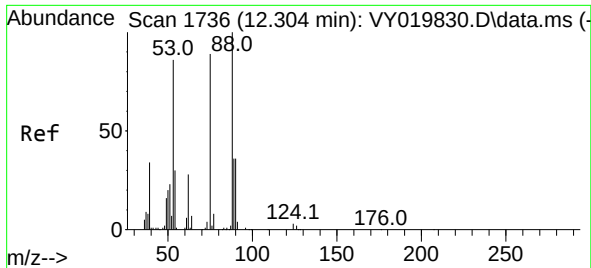
Tgt Ion: 75 Resp: 88144

Ion Ratio Lower Upper

75 100

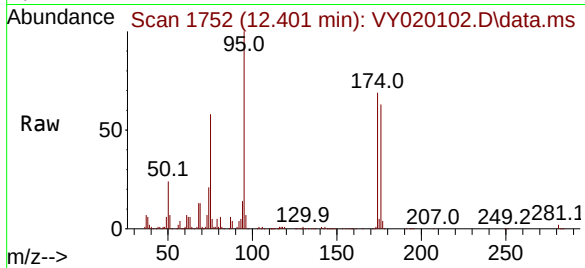
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.127 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020102.D
 Acq: 31 Oct 2024 18:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88144
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

