

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020105.D
 Acq On : 31 Oct 2024 19:19
 Operator : SY/MD
 Sample : P4645-03
 Misc : 3.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:52:26 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)

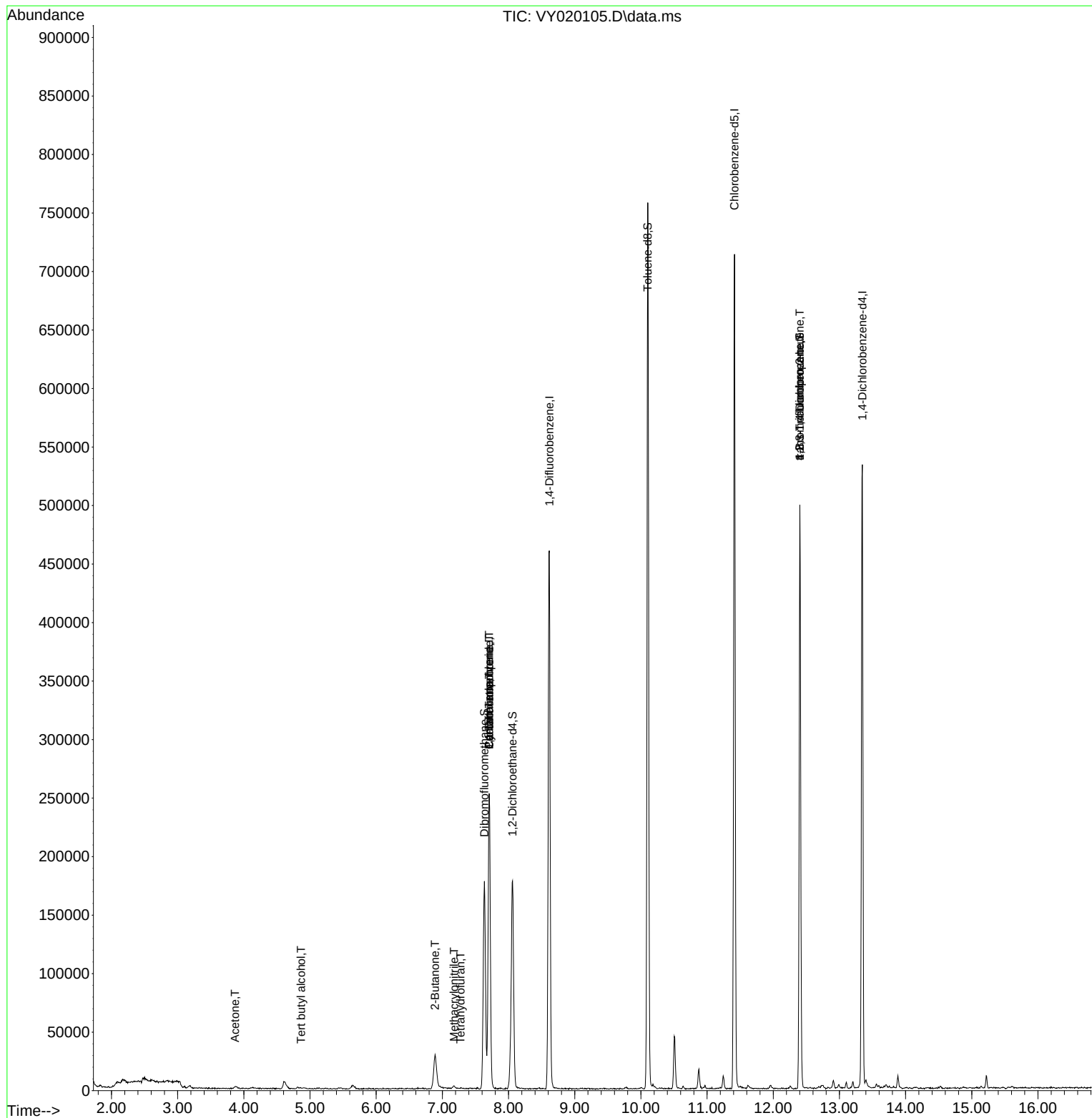
Internal Standards						
1) Pentafluorobenzene	7.707	168	175543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	373000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	338503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124928	57.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.040%	
35) Dibromofluoromethane	7.634	113	122235	51.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.103	98	466618	49.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.401	95	139931	45.637	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	768	4.873	ug/l	# 88
16) Acetone	3.866	43	4152	8.149	ug/l	# 72
25) 2-Butanone	6.890	43	3060	4.431	ug/l	# 78
29) Tetrahydrofuran	7.274	42	445	1.116	ug/l	# 26
31) Cyclohexane	7.707	56	5595	1.407	ug/l	# 39
36) 1,1-Dichloropropene	7.707	75	18506	5.052	ug/l	# 42
38) Carbon Tetrachloride	7.707	117	20461	5.554	ug/l	# 16
41) Methacrylonitrile	7.177	41	1308	1.495	ug/l	# 37
76) 1,2,3-Trichloropropane	12.401	75	83297	72.421	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	83297	155.775	ug/l	# 16

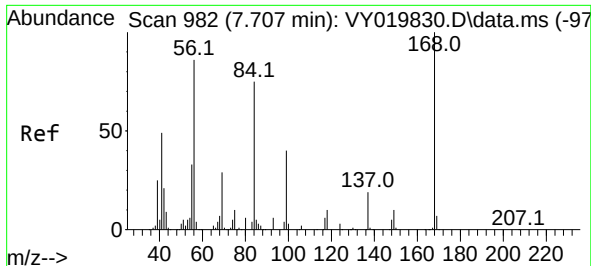
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

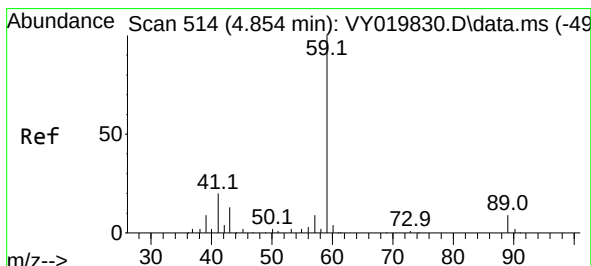
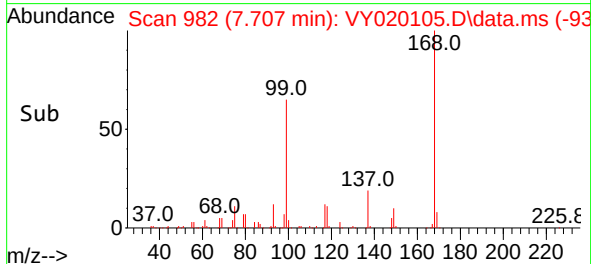
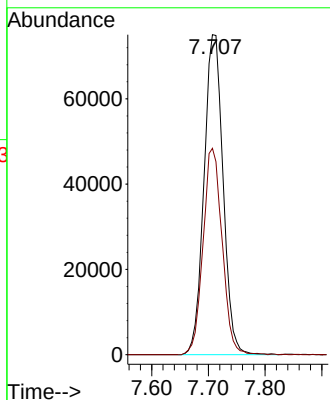
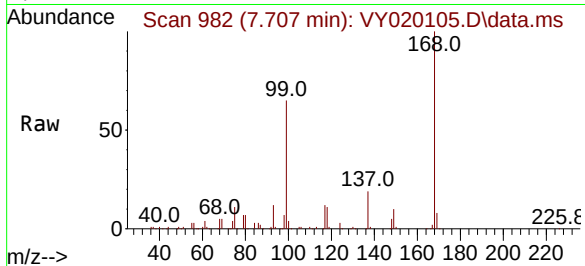




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

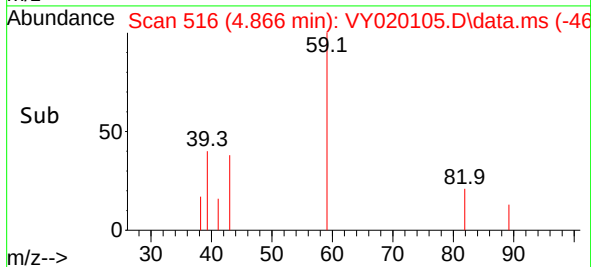
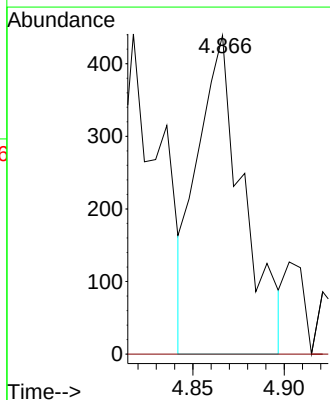
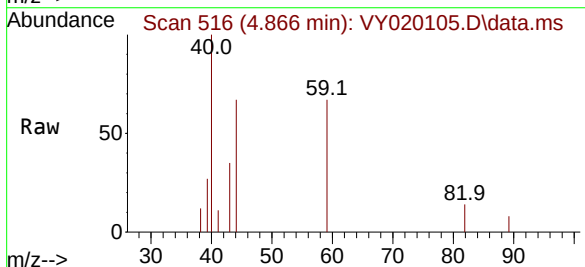
Instrument :
MSVOA_Y
ClientSampleId :

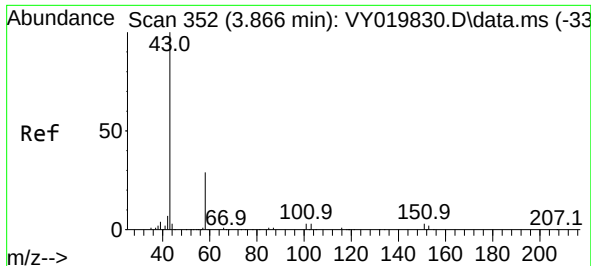
Tgt Ion:168 Resp: 175543
Ion Ratio Lower Upper
168 100
99 64.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.873 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

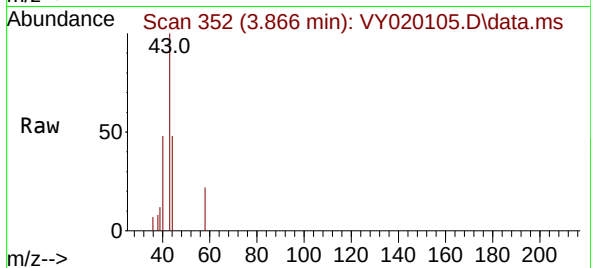
Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



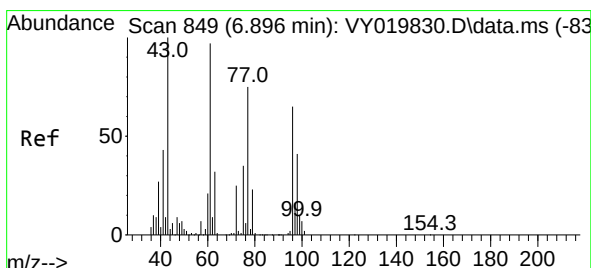
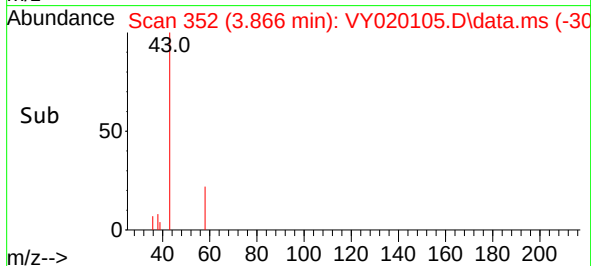
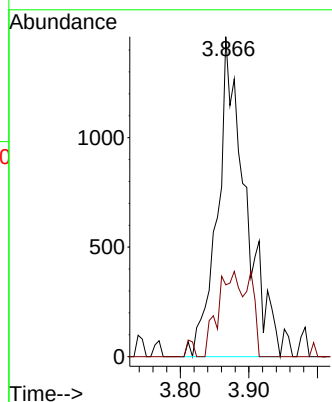


#16
Acetone
Concen: 8.149 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Instrument :
MSVOA_Y
ClientSampleId :

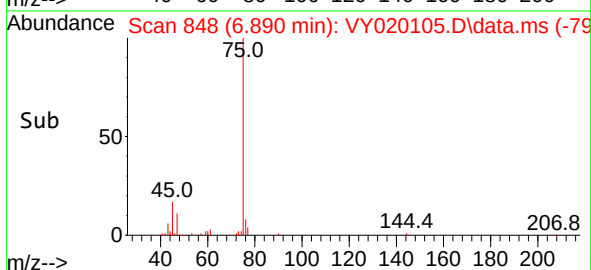
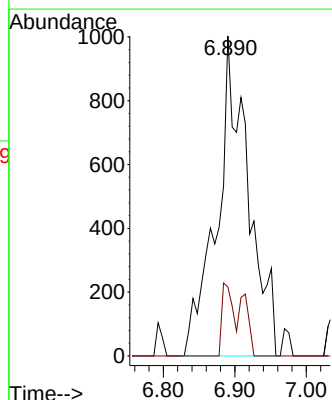
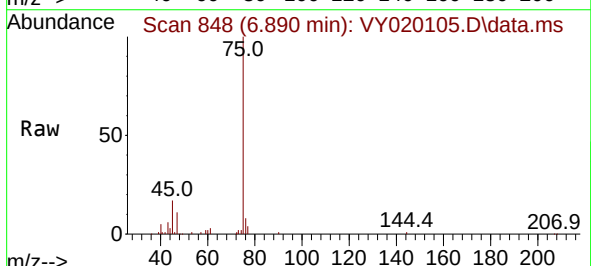


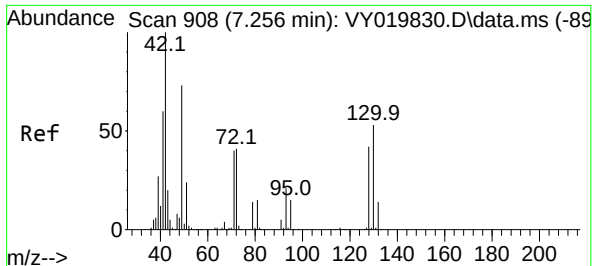
Tgt Ion: 43 Resp: 4152
Ion Ratio Lower Upper
43 100
58 22.5 31.7 47.5#



#25
2-Butanone
Concen: 4.431 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
72 21.5 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.116 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020105.D

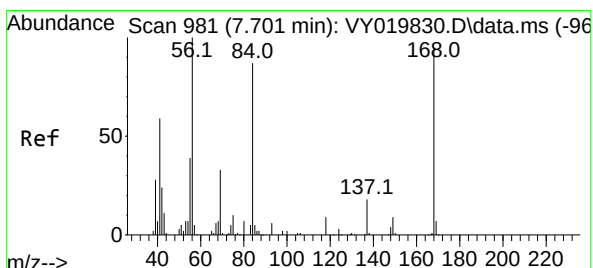
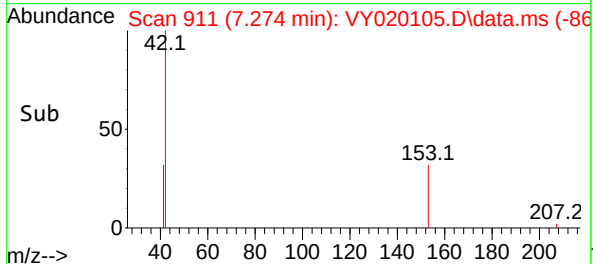
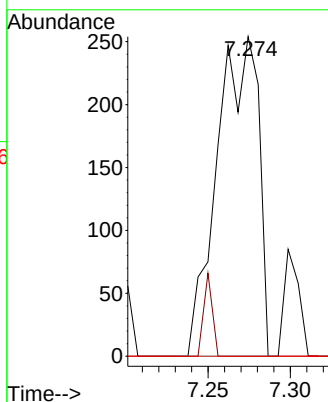
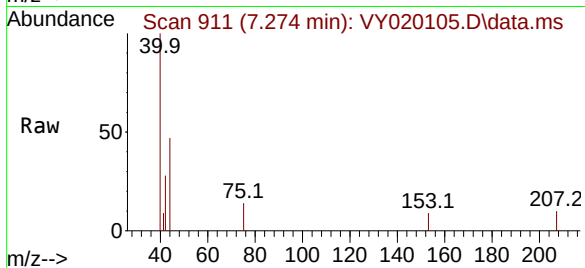
Acq: 31 Oct 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 445
Ion Ratio	Lower Upper
42	100
72	0.0 43.0 64.4#
71	0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.407 ug/l

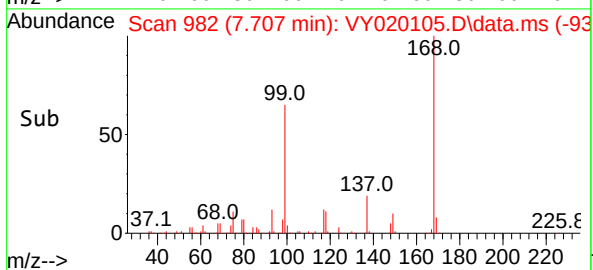
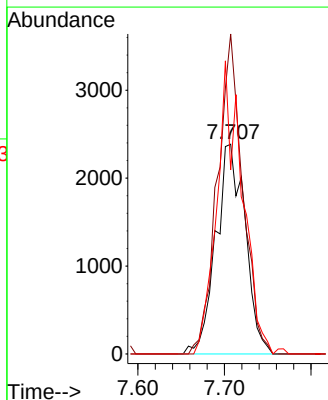
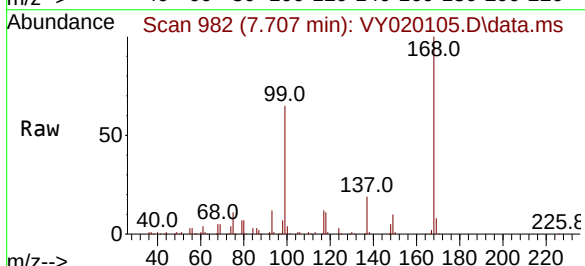
RT: 7.707 min Scan# 982

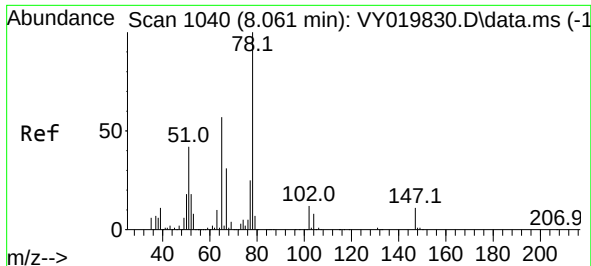
Delta R.T. 0.006 min

Lab File: VY020105.D

Acq: 31 Oct 2024 19:19

Tgt Ion: 56	Resp: 5595
Ion Ratio	Lower Upper
56	100
69	152.5 28.7 43.1#
84	87.7 77.7 116.5

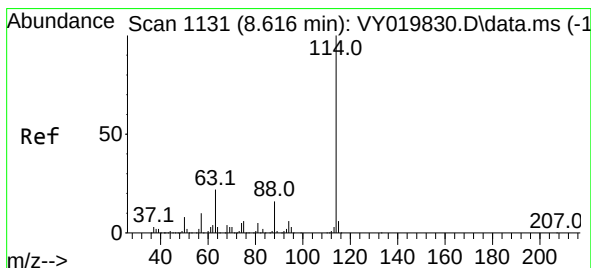
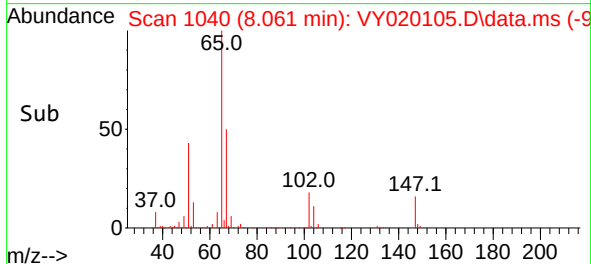
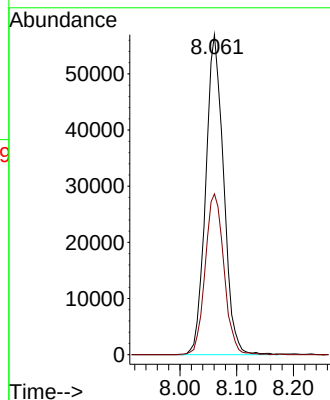
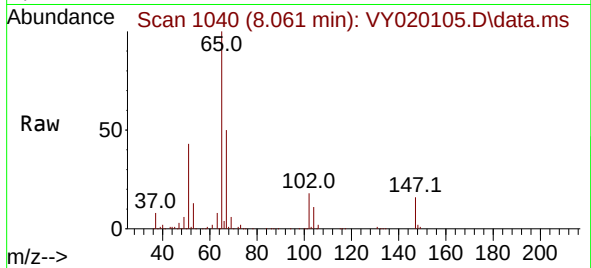




#33
1,2-Dichloroethane-d4
Concen: 57.022 ug/l
RT: 8.061 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

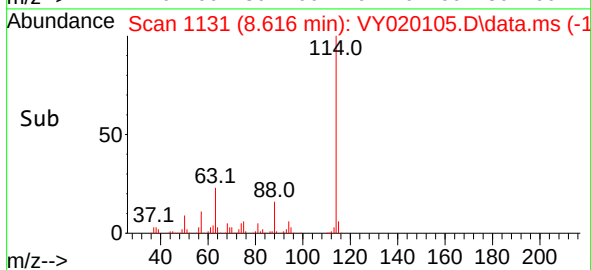
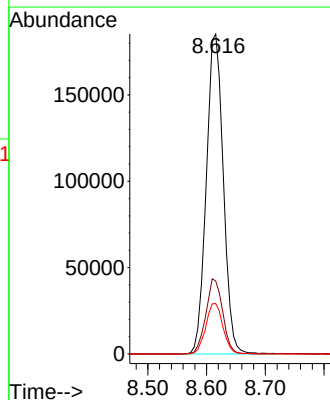
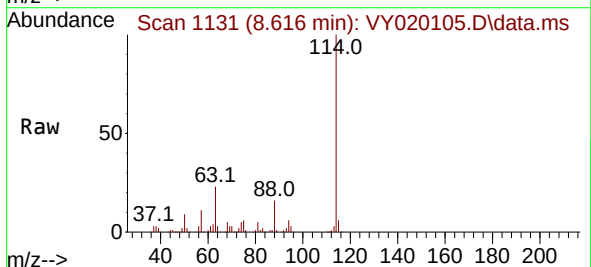
Instrument :
MSVOA_Y
ClientSampleId :

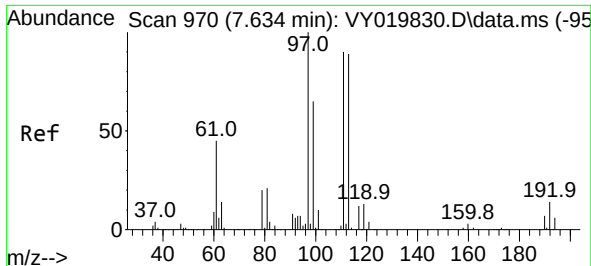
Tgt Ion: 65 Resp: 124928
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Tgt Ion: 114 Resp: 373000
Ion Ratio Lower Upper
114 100
63 22.8 0.0 35.0
88 15.8 0.0 27.2

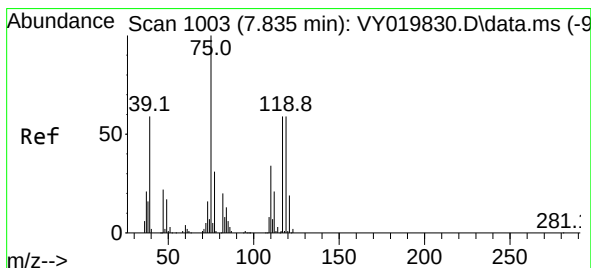
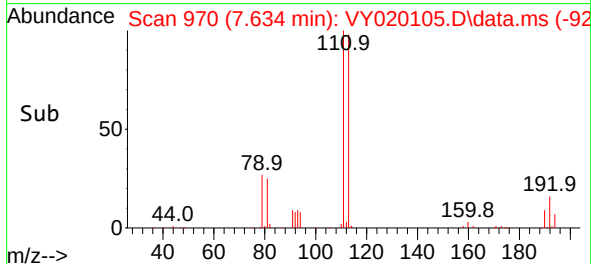
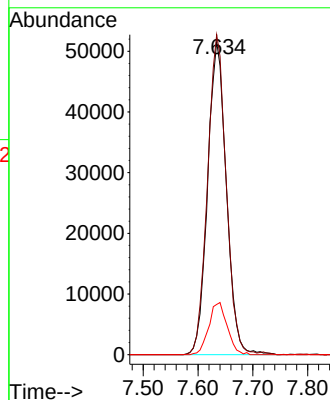
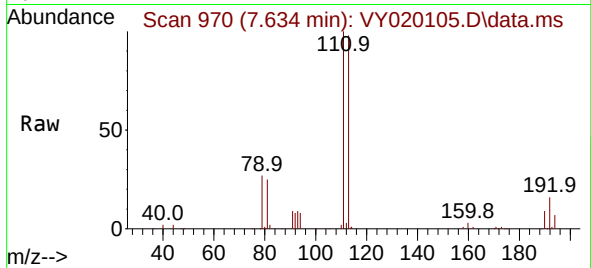




#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

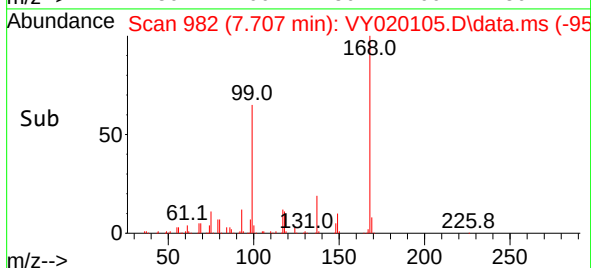
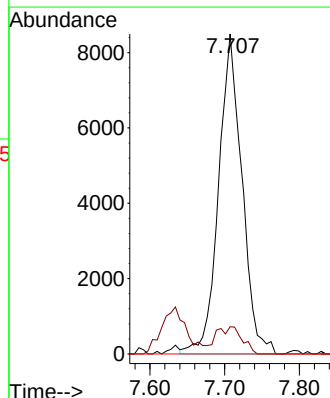
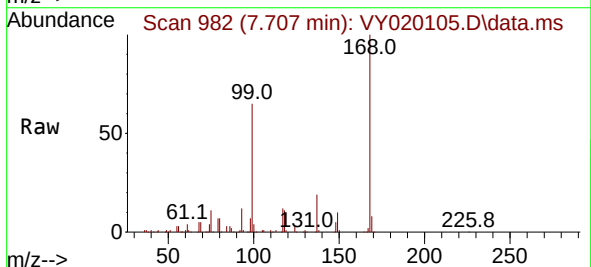
Instrument :
MSVOA_Y
ClientSampleId :

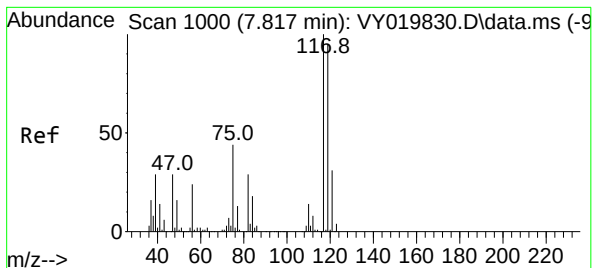
Tgt Ion:113 Resp: 122235
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 16.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Tgt Ion: 75 Resp: 18506
Ion Ratio Lower Upper
75 100
110 2.4 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.554 ug/l

RT: 7.707 min Scan# 910

Delta R.T. -0.109 min

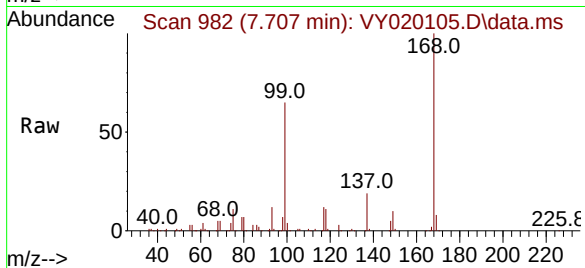
Lab File: VY020105.D

Acq: 31 Oct 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :



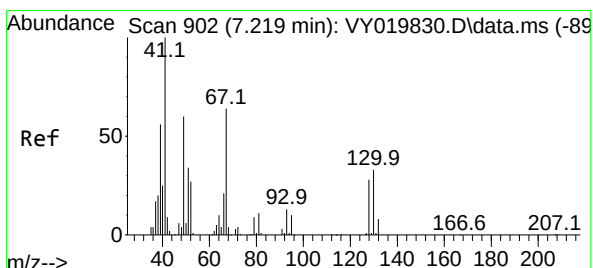
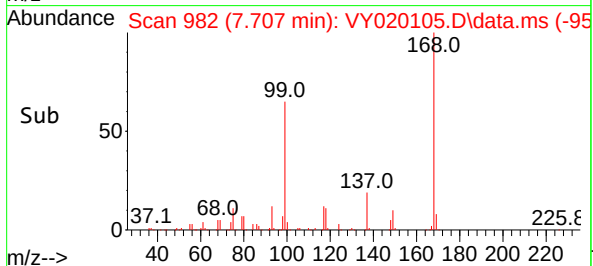
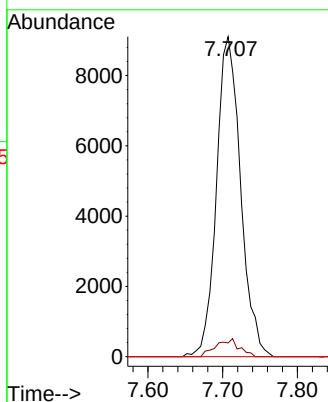
Tgt Ion:117 Resp: 20461

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#



#41

Methacrylonitrile

Concen: 1.495 ug/l

RT: 7.177 min Scan# 895

Delta R.T. -0.042 min

Lab File: VY020105.D

Acq: 31 Oct 2024 19:19

Tgt Ion: 41 Resp: 1308

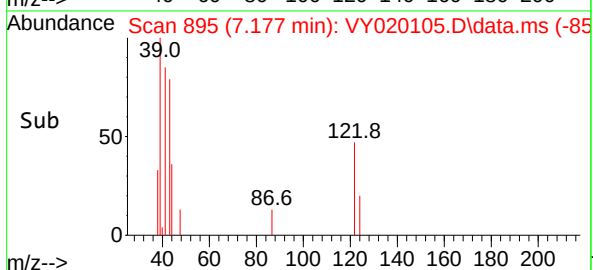
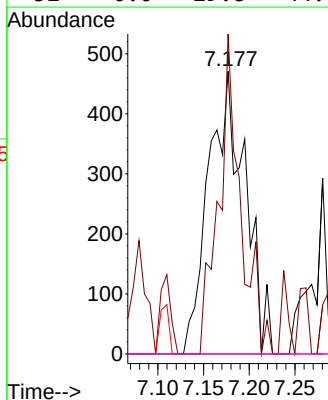
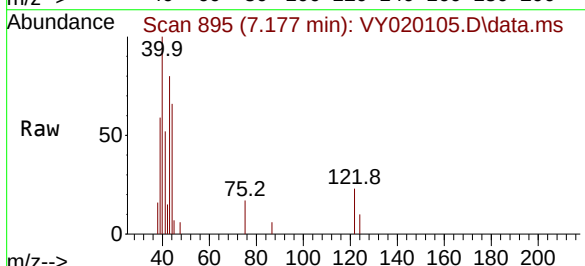
Ion Ratio Lower Upper

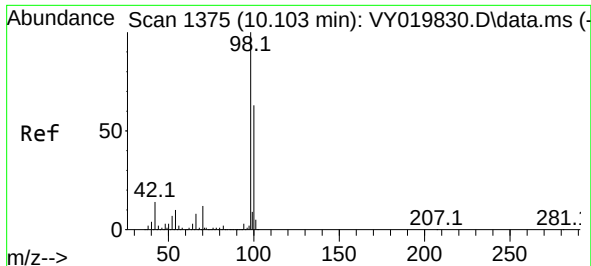
41 100

39 67.7 48.0 72.0

67 0.0 75.1 112.7#

52 0.0 29.8 44.6#

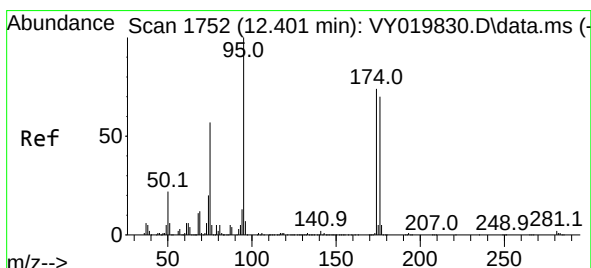
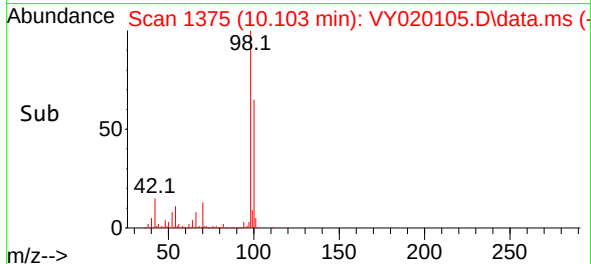
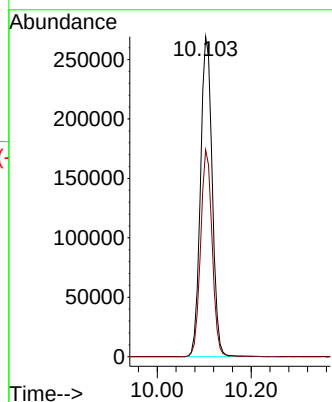
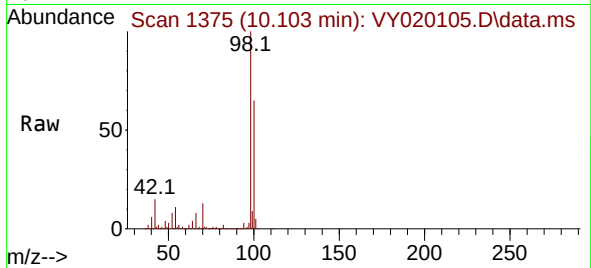




#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

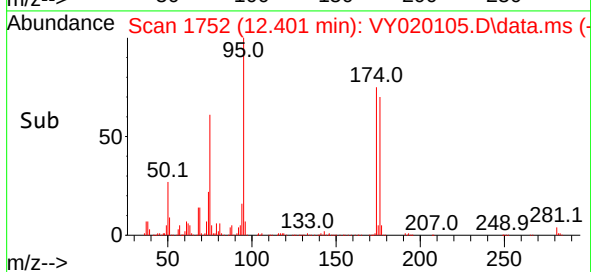
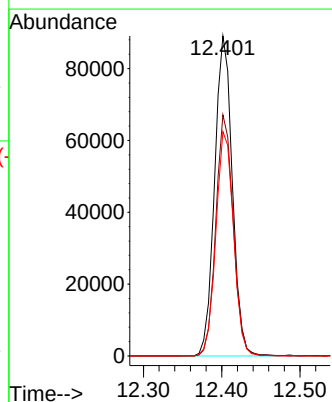
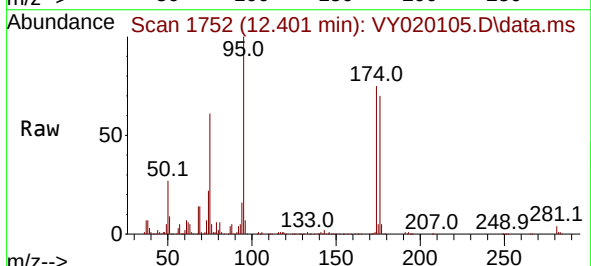
Instrument :
MSVOA_Y
ClientSampleId :

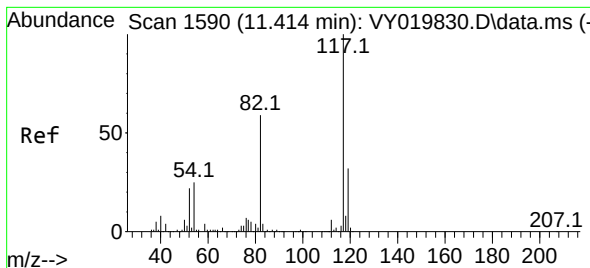
Tgt Ion: 98 Resp: 466618
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.637 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Tgt Ion: 95 Resp: 139931
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 69.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020105.D

Acq: 31 Oct 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :

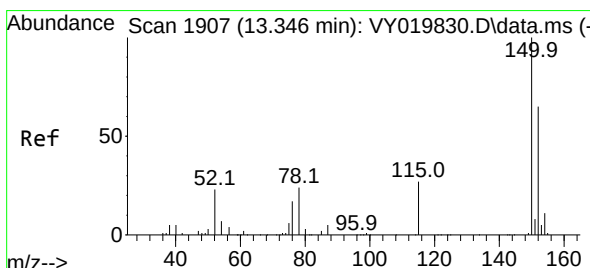
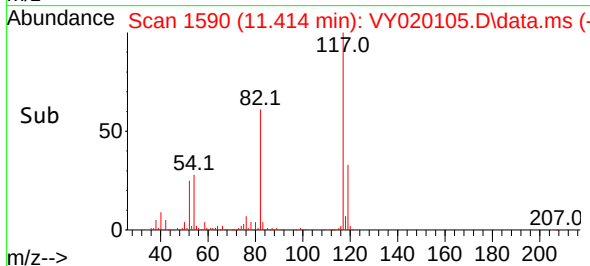
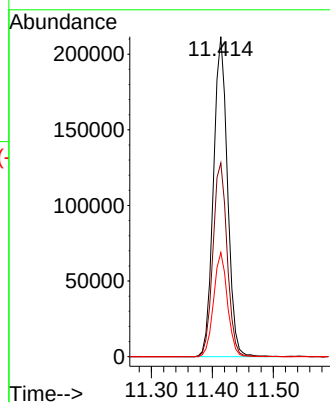
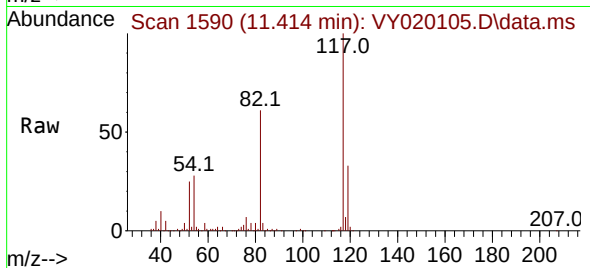
Tgt Ion:117 Resp: 338503

Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 32.5 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: VY020105.D

Acq: 31 Oct 2024 19:19

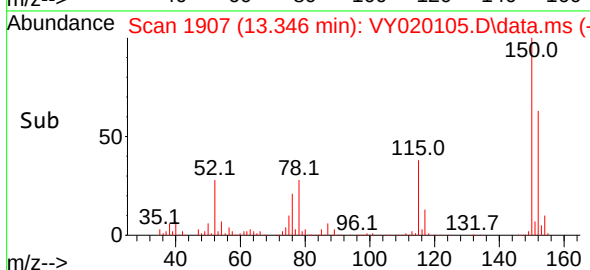
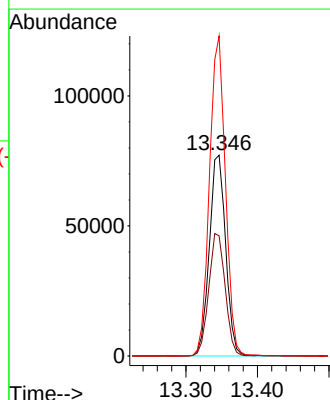
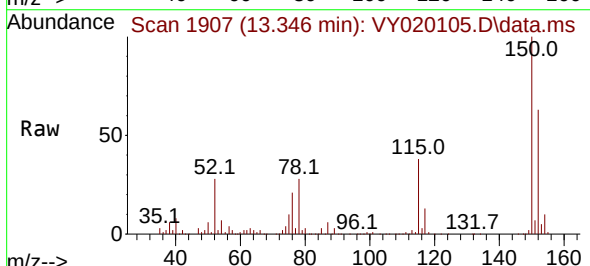
Tgt Ion:152 Resp: 122699

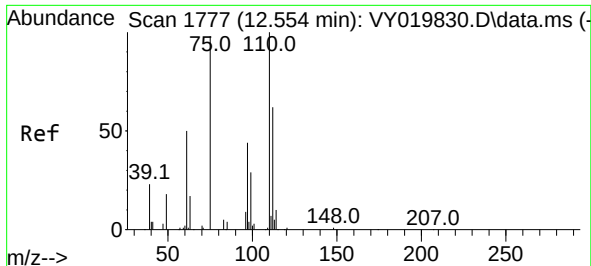
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 155.1 0.0 345.6

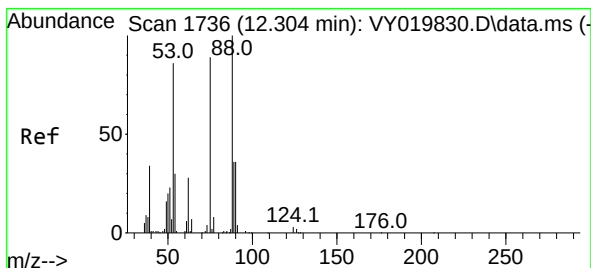
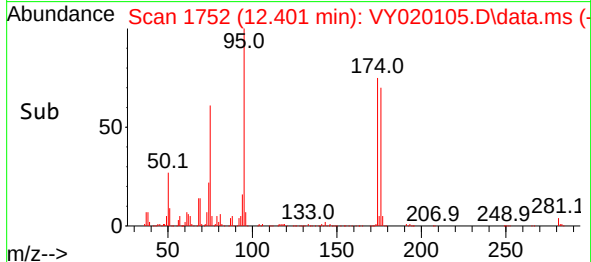
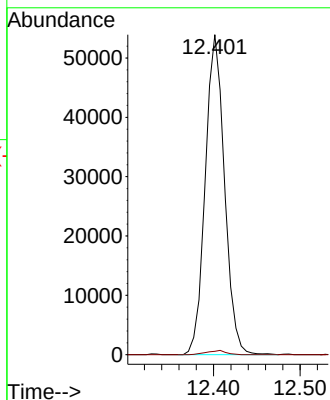
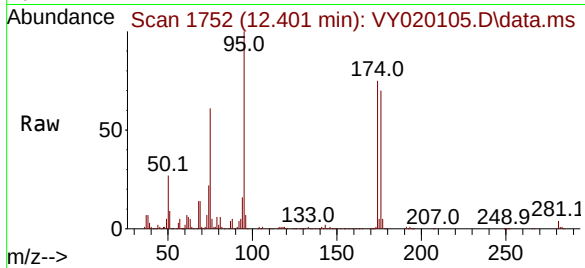




#76
1,2,3-Trichloropropane
Concen: 72.421 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83297
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.775 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020105.D
Acq: 31 Oct 2024 19:19

Tgt Ion: 75 Resp: 83297
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

