

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020012.D
 Acq On : 24 Oct 2024 16:19
 Operator : SY/MD
 Sample : P4508-07
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:42:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

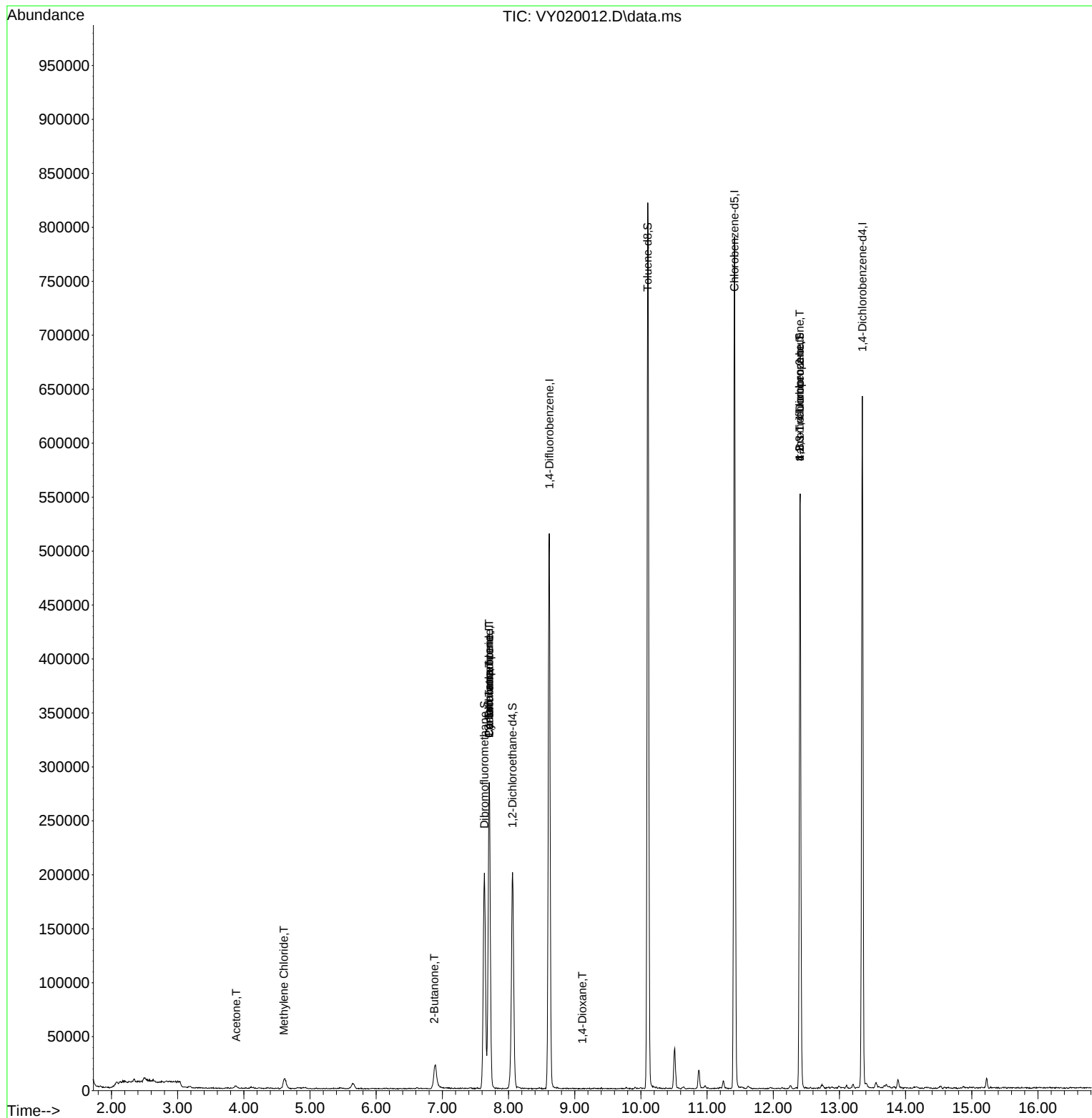
Internal Standards						
1) Pentafluorobenzene	7.707	168	194036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	407419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	383251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150762	63.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.200%	
35) Dibromofluoromethane	7.634	113	139125	51.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.103	98	511591	51.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.401	95	160935	44.861	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.720%	
Target Compounds						
11) Tert butyl alcohol	4.885	59	294	Below Cal	#	86
16) Acetone	3.885	43	3891	6.256	ug/l #	74
20) Methylene Chloride	4.604	84	6468	2.041	ug/l	94
25) 2-Butanone	6.878	43	1882	2.261	ug/l #	41
31) Cyclohexane	7.707	56	5843	1.464	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	20076	5.183	ug/l #	48
38) Carbon Tetrachloride	7.707	117	22024	5.304	ug/l #	16
49) 1,4-Dioxane	9.115	88	30	1.672	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	95047	34.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	95047	137.777	ug/l #	16

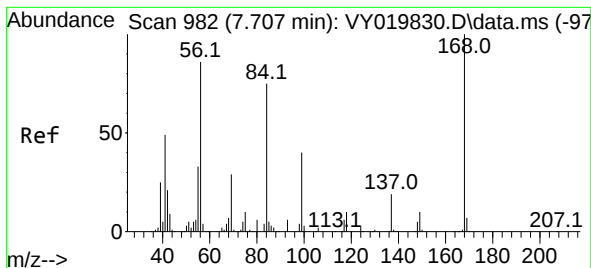
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
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QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020012.D

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Instrument :

MSVOA_Y

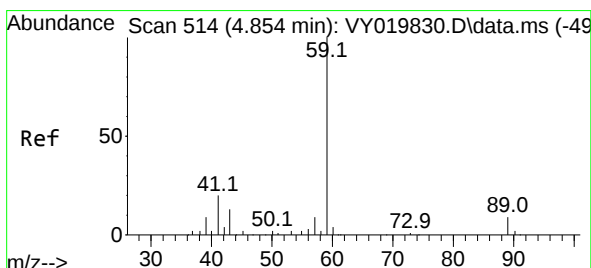
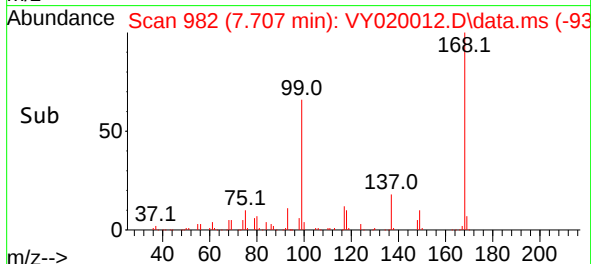
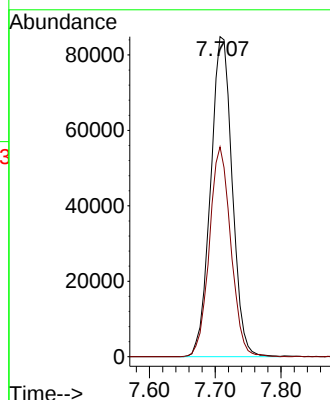
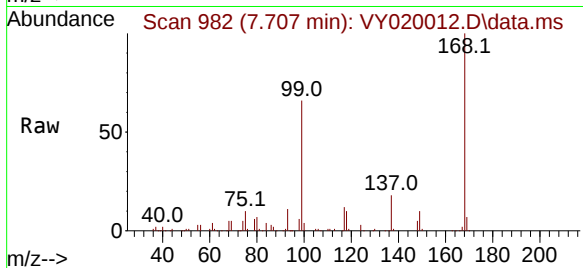
ClientSampleId :

Tgt Ion:168 Resp: 194036

Ion Ratio Lower Upper

168 100

99 65.6 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.885 min Scan# 519

Delta R.T. 0.024 min

Lab File: VY020012.D

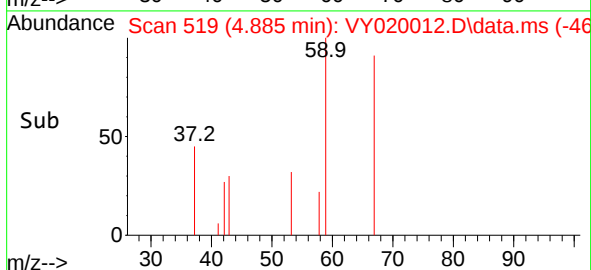
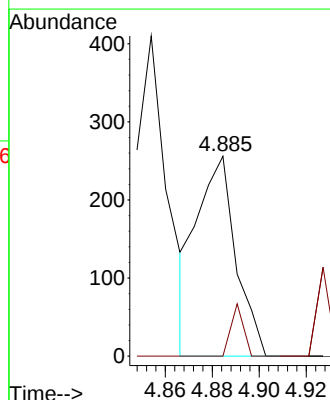
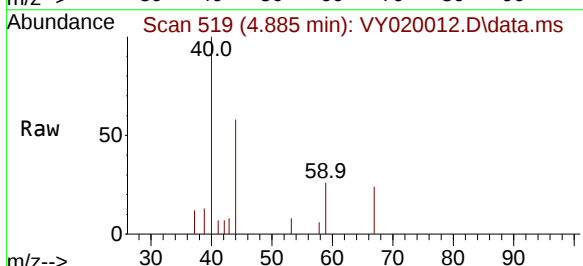
Acq: 24 Oct 2024 16:19

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 8.5 3.0 4.6#

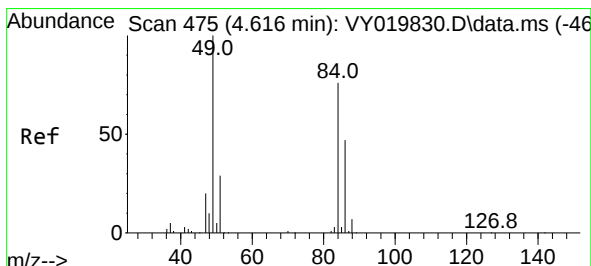
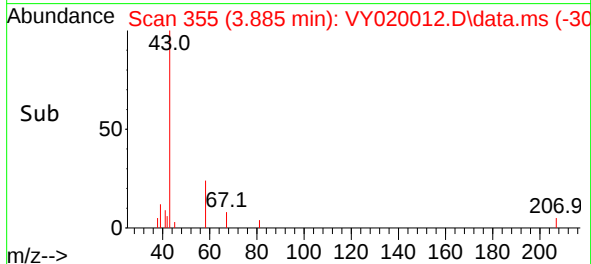
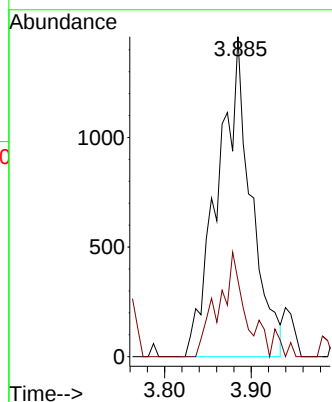
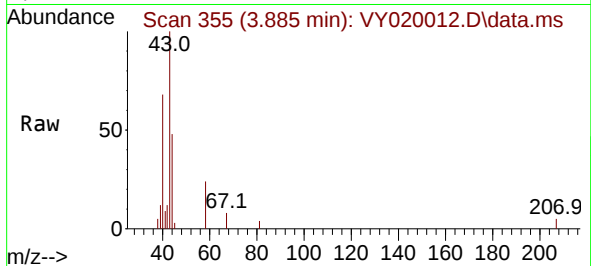




#16
Acetone
Concen: 6.256 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

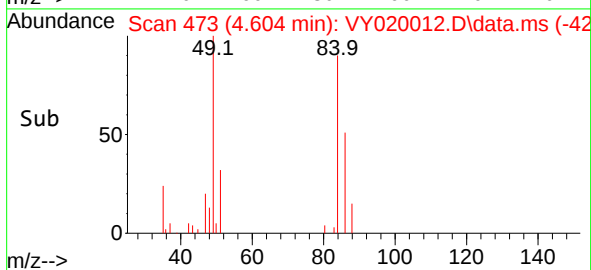
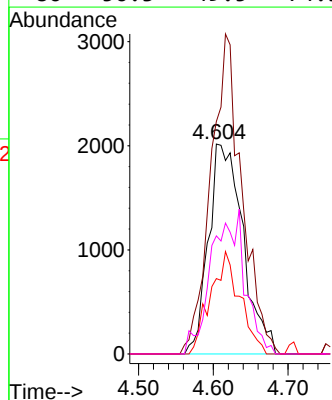
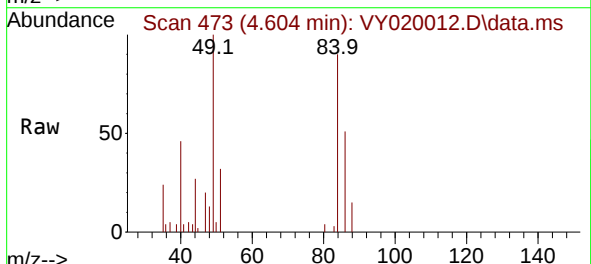
Instrument :
MSVOA_Y
ClientSampleId :

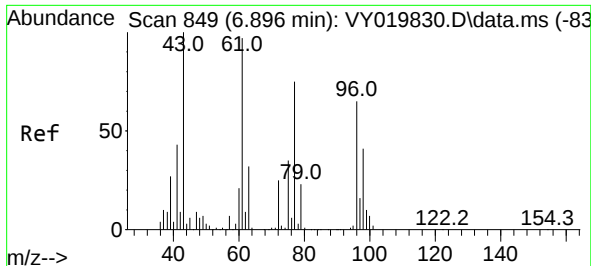
Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 23.8 31.7 47.5#



#20
Methylene Chloride
Concen: 2.041 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 84 Resp: 6468
Ion Ratio Lower Upper
84 100
49 110.8 84.4 126.6
51 35.9 26.0 39.0
86 56.3 49.5 74.3





#25

2-Butanone

Concen: 2.261 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.012 min

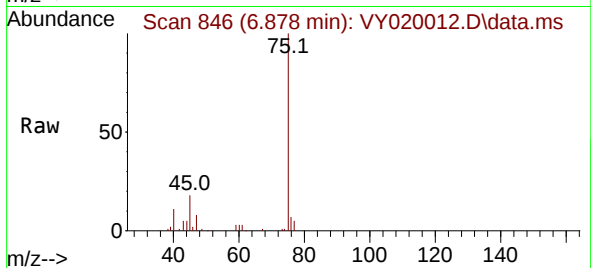
Lab File: VY020012.D

Acq: 24 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

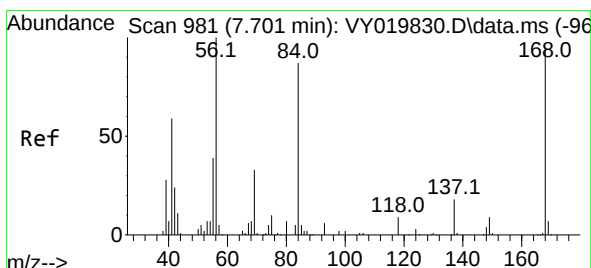
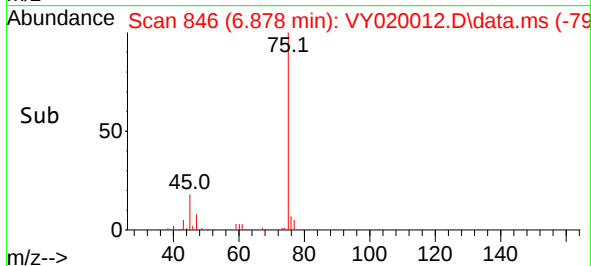
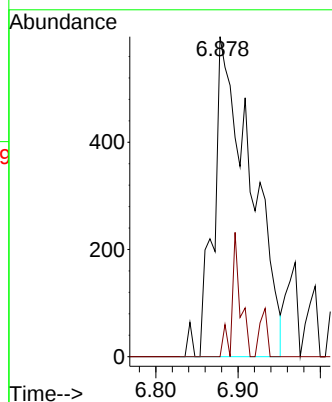


Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.464 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020012.D

Acq: 24 Oct 2024 16:19

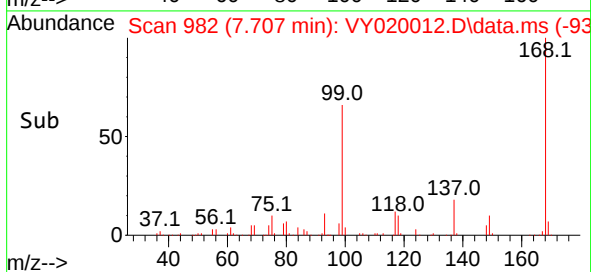
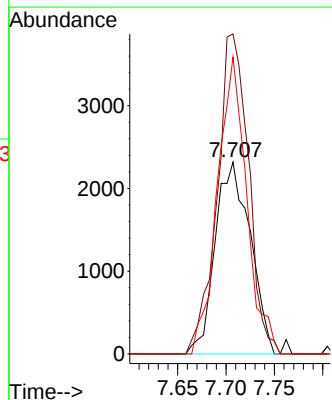
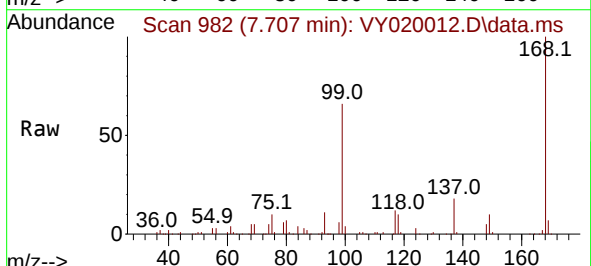
Tgt Ion: 56 Resp: 5843

Ion Ratio Lower Upper

56 100

69 166.8 28.7 43.1#

84 154.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.103 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020012.D

Acq: 24 Oct 2024 16:19

Instrument :

MSVOA_Y

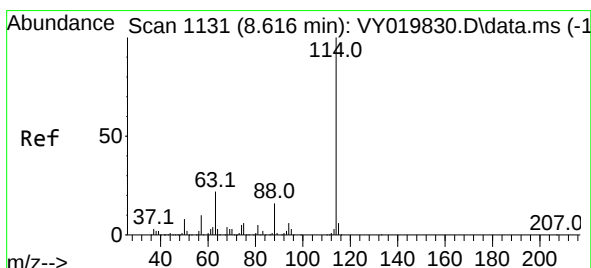
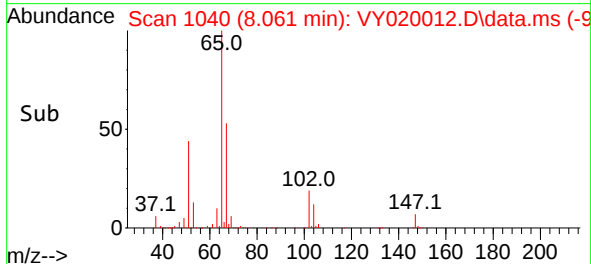
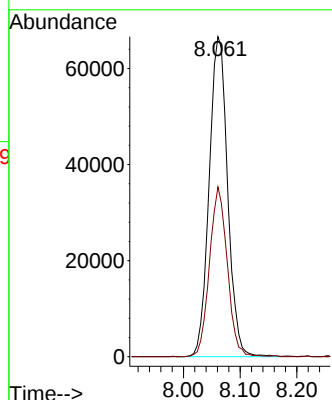
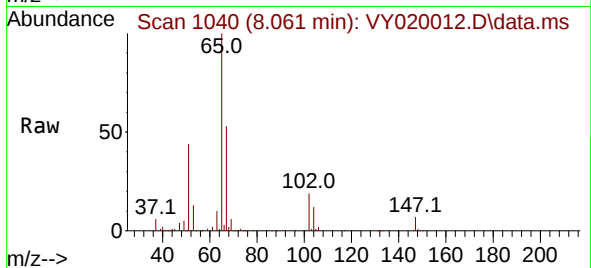
ClientSampleId :

Tgt Ion: 65 Resp: 150762

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: VY020012.D

Acq: 24 Oct 2024 16:19

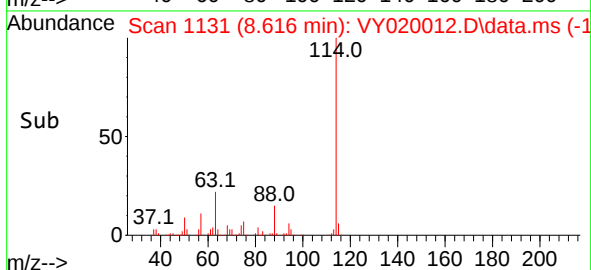
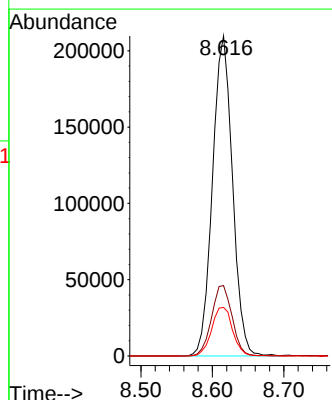
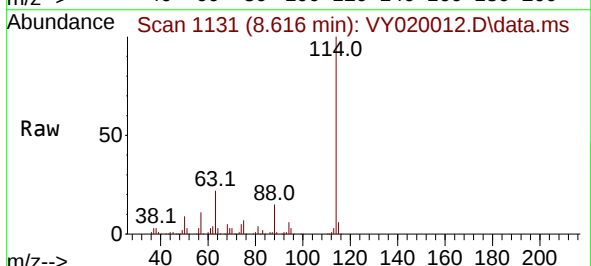
Tgt Ion: 114 Resp: 407419

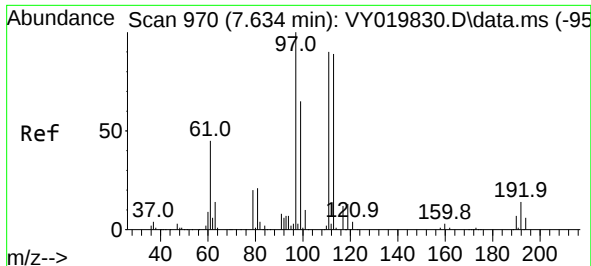
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

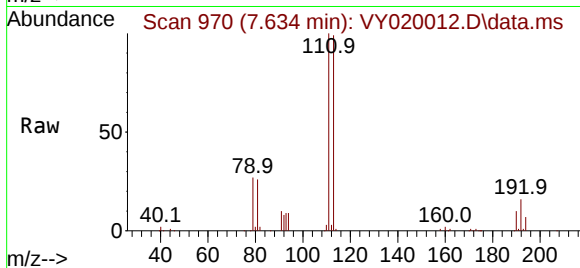
88 15.2 0.0 27.2



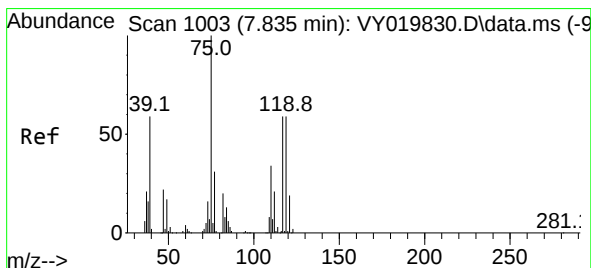
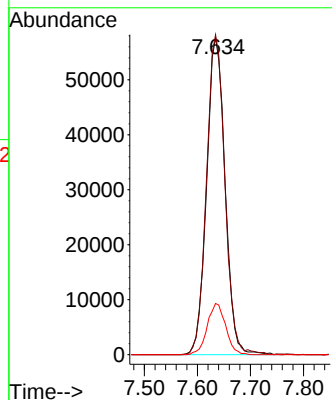
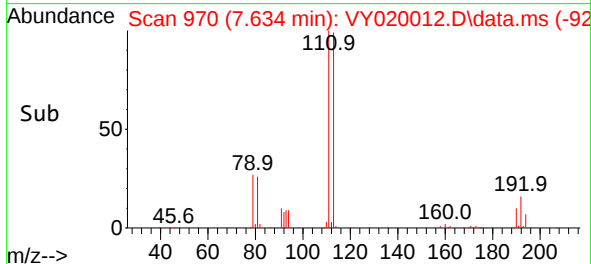


#35
Dibromofluoromethane
Concen: 51.748 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

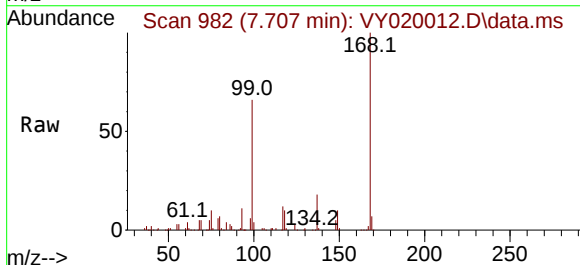
Instrument :
MSVOA_Y
ClientSampleId :



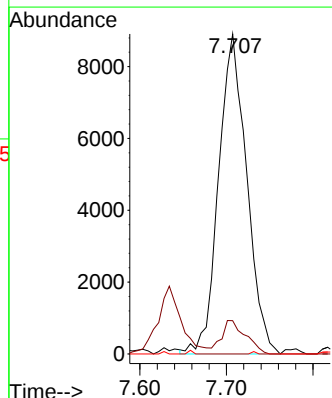
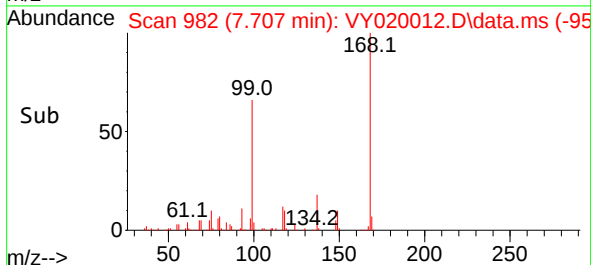
Tgt Ion:113 Resp: 139125
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 16.2 15.9 23.9

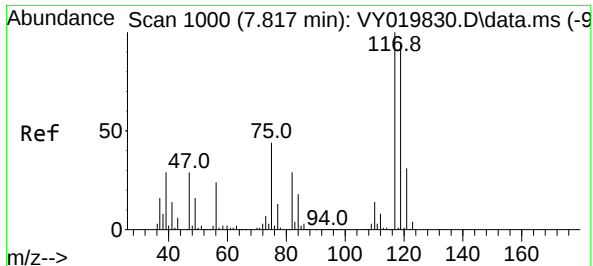


#36
1,1-Dichloropropene
Concen: 5.183 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19



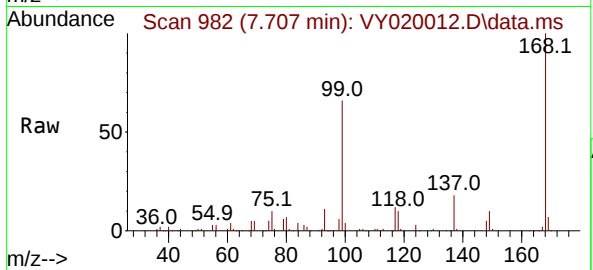
Tgt Ion: 75 Resp: 20076
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



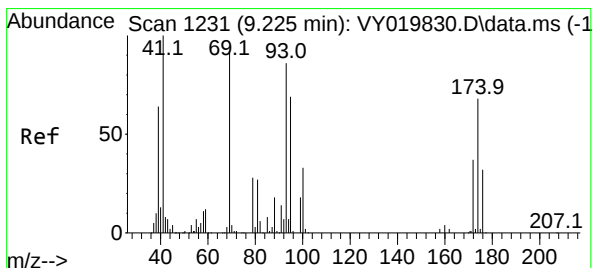
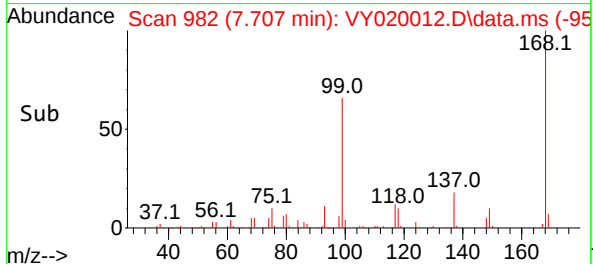
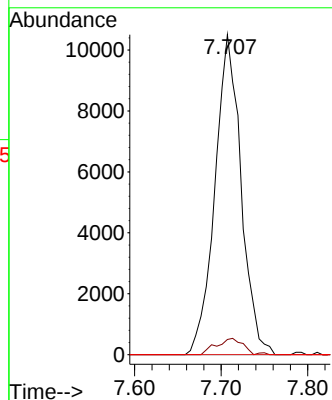


#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

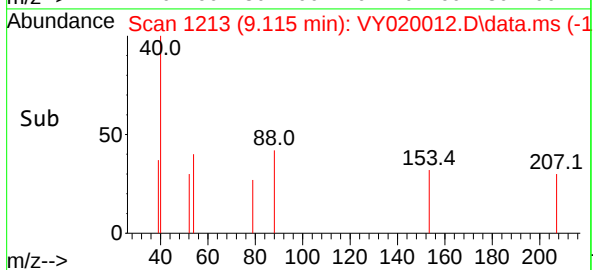
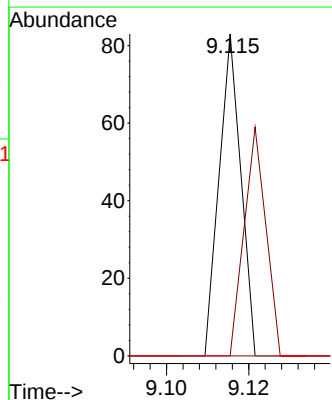
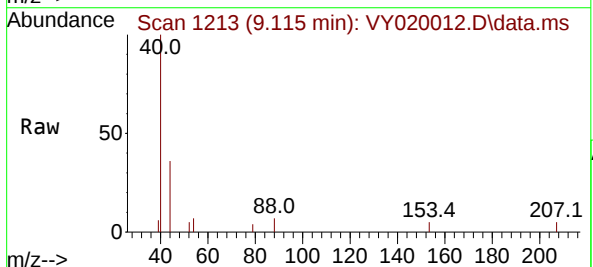


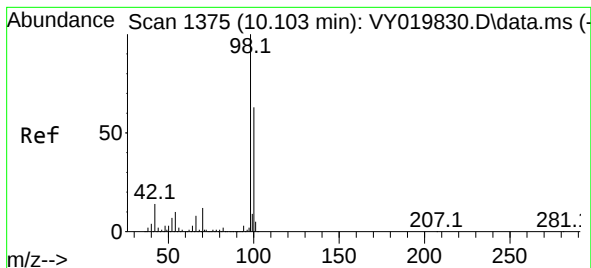
Tgt Ion:117 Resp: 22024
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.672 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. -0.116 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 73.3 0.0 0.0#
58 0.0 49.3 73.9#

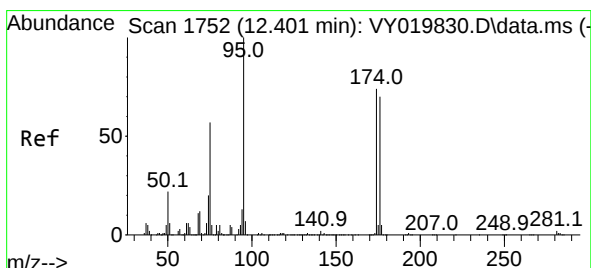
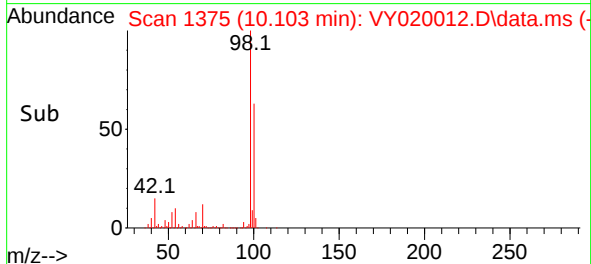
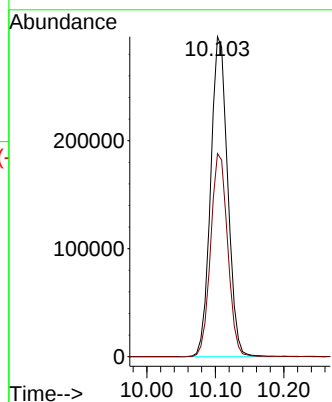
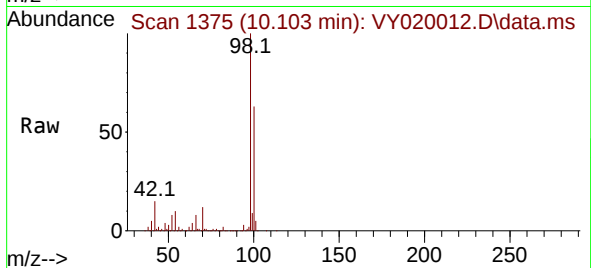




#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

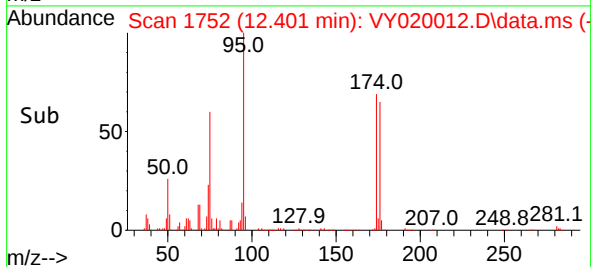
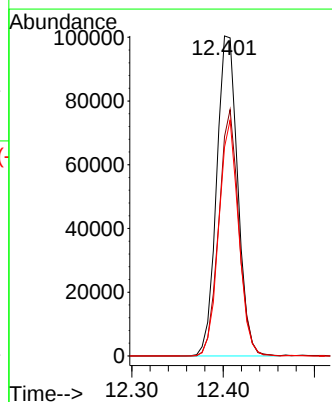
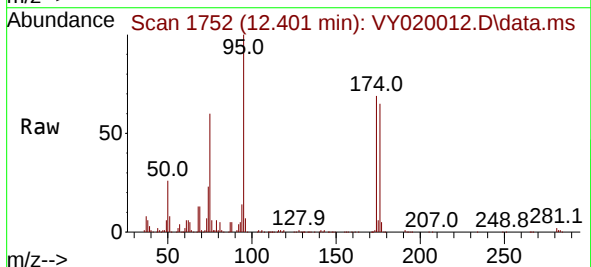
Instrument :
MSVOA_Y
ClientSampleId :

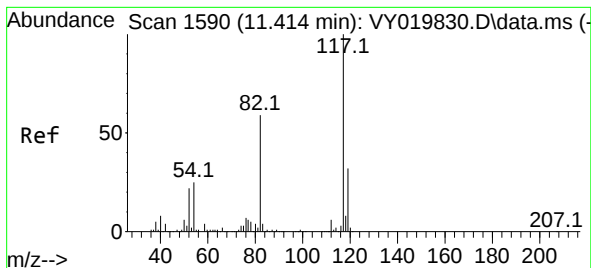
Tgt Ion: 98 Resp: 511591
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.861 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 95 Resp: 160935
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 69.2 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: VY020012.D

Acq: 24 Oct 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

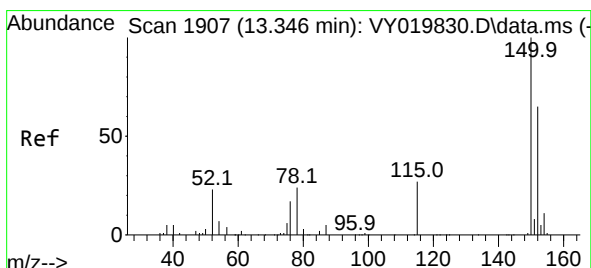
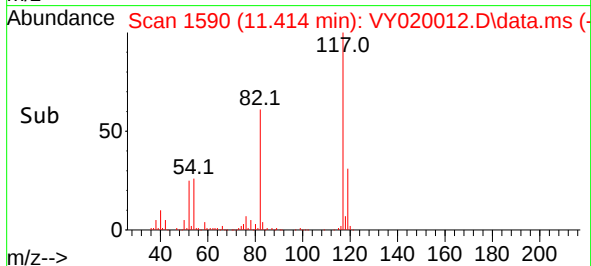
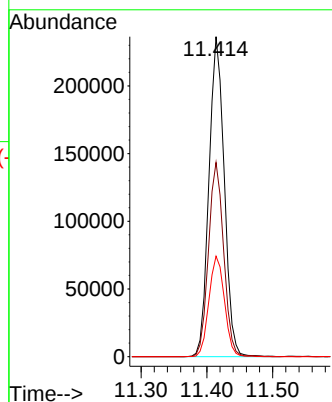
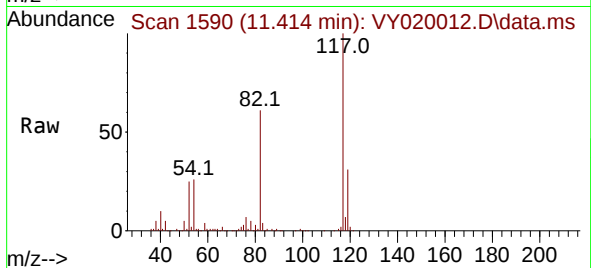
Tgt Ion:117 Resp: 383251

Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

119 31.4 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: VY020012.D

Acq: 24 Oct 2024 16:19

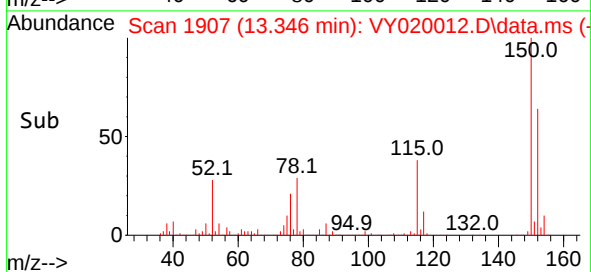
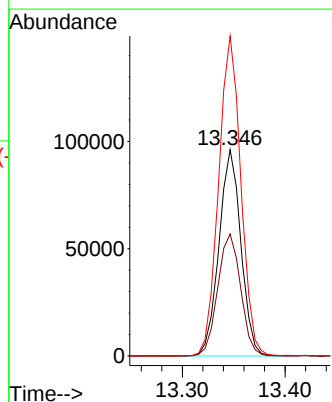
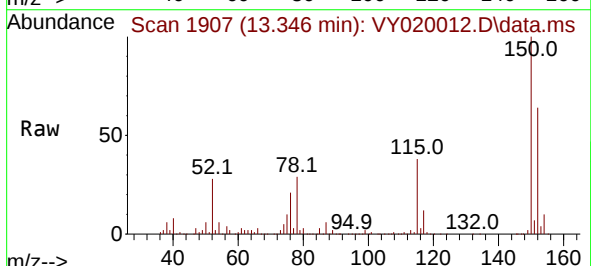
Tgt Ion:152 Resp: 142142

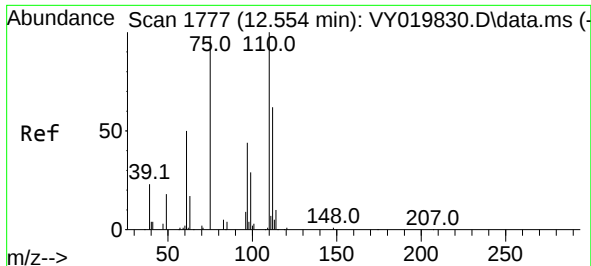
Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 157.5 0.0 345.6

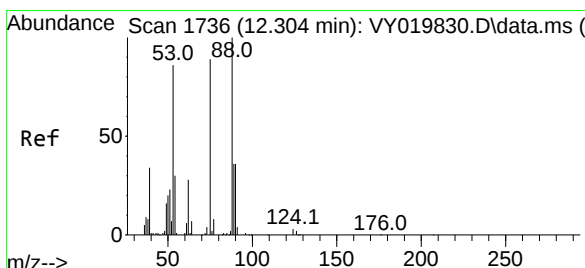
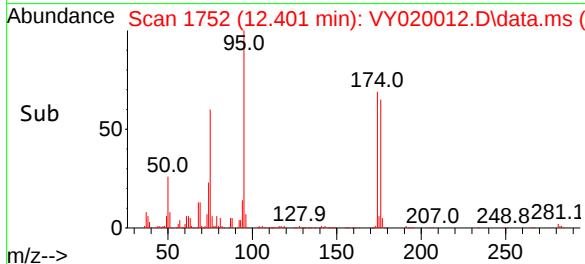
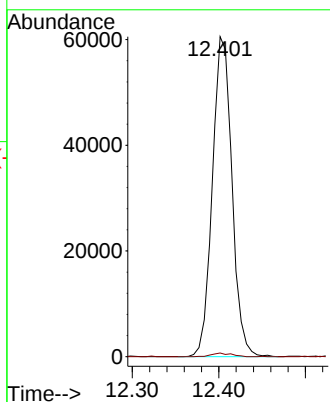
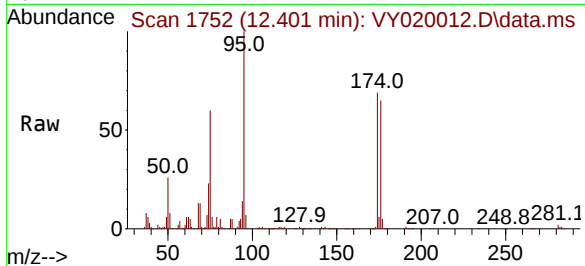




#76
1,2,3-Trichloropropane
Concen: 34.134 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 95047
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.777 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020012.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 75 Resp: 95047
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

