

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020100.D
 Acq On : 31 Oct 2024 17:22
 Operator : SY/MD
 Sample : P4618-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:50:06 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)

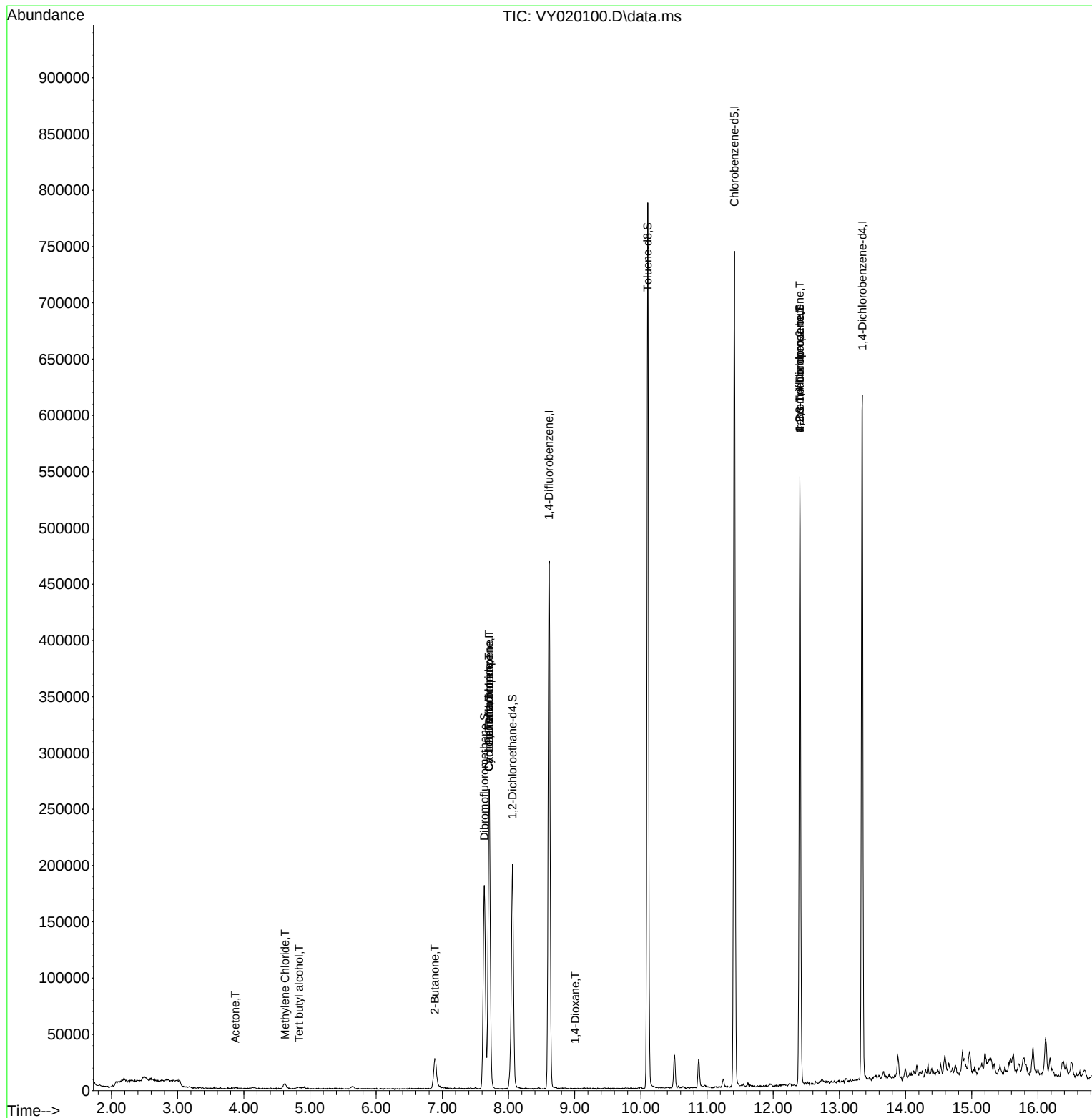
Internal Standards						
1) Pentafluorobenzene	7.707	168	180631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	381120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	355621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	138530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139613	61.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.860%	
35) Dibromofluoromethane	7.634	113	125160	51.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.103	98	467747	48.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.402	95	154595	49.346	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	1456	8.979	ug/l #	94
16) Acetone	3.873	43	1542	2.941	ug/l #	36
20) Methylene Chloride	4.622	84	3005	1.276	ug/l	90
25) 2-Butanone	6.884	43	1913	2.692	ug/l #	41
31) Cyclohexane	7.701	56	5375	1.314	ug/l #	32
36) 1,1-Dichloropropene	7.707	75	18116	4.840	ug/l #	49
38) Carbon Tetrachloride	7.701	117	21185	5.628	ug/l #	16
49) 1,4-Dioxane	9.006	88	79	5.417	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	92661	71.356	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	92661	153.484	ug/l #	16

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

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Quant Title : SW846 8260
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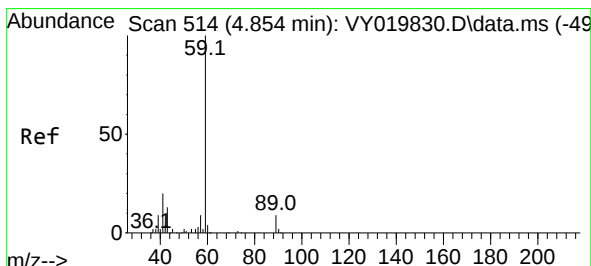
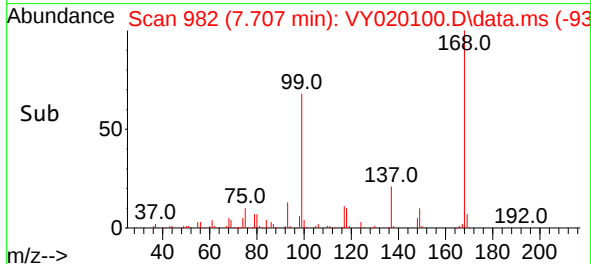
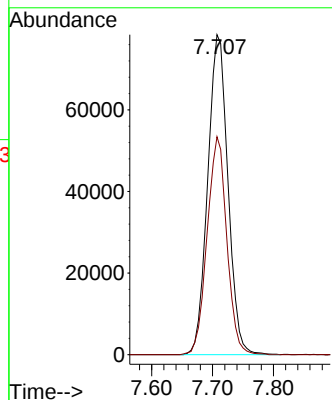
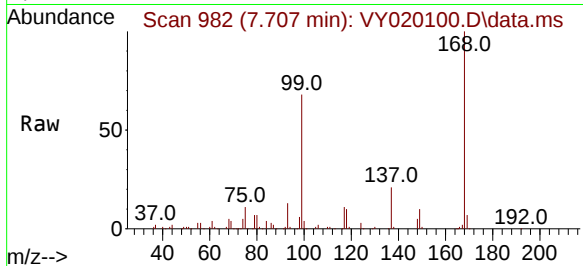




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

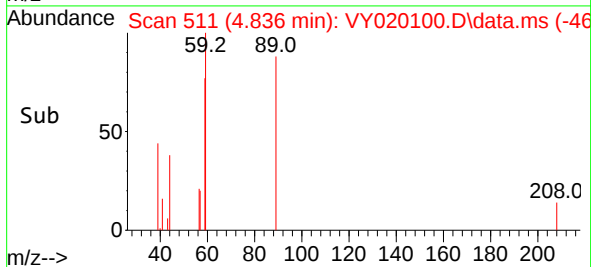
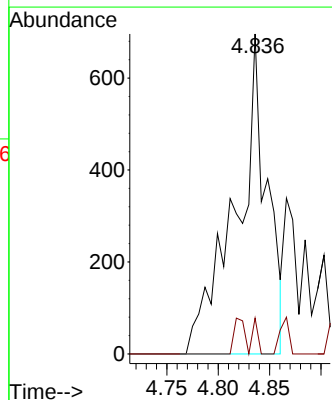
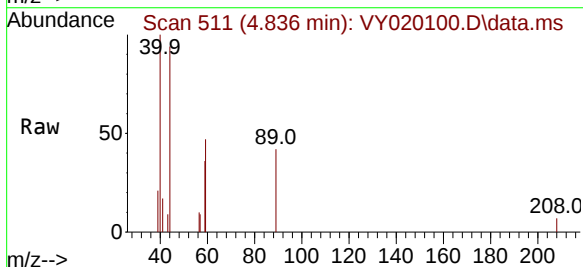
Instrument :
MSVOA_Y
ClientSampleId :

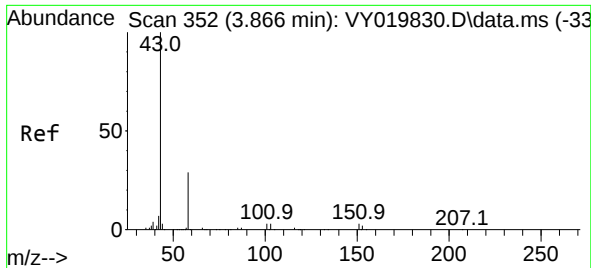
Tgt Ion:168 Resp: 180631
Ion Ratio Lower Upper
168 100
99 68.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 8.979 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 59 Resp: 1456
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.6#

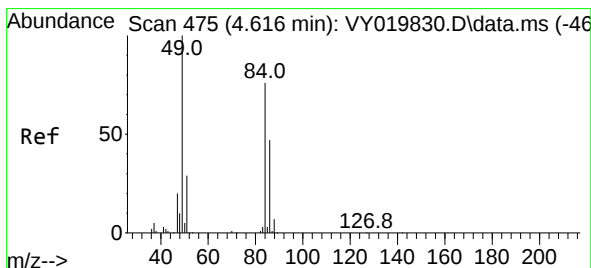
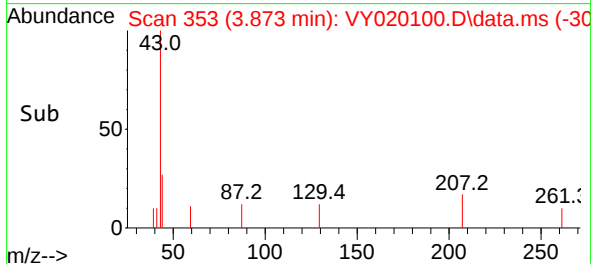
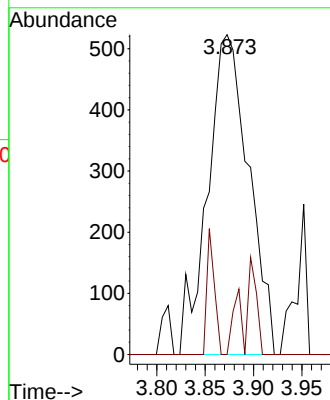
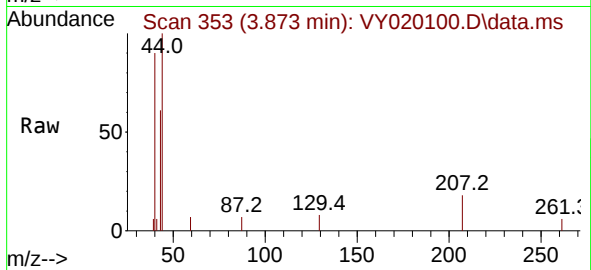




#16
Acetone
Concen: 2.941 ug/l
RT: 3.873 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

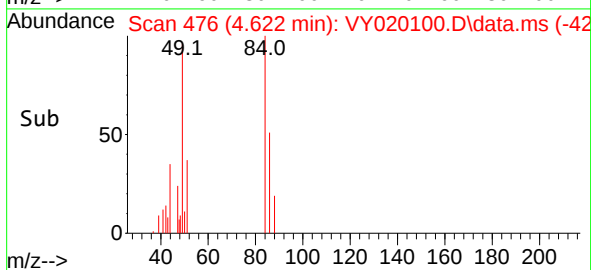
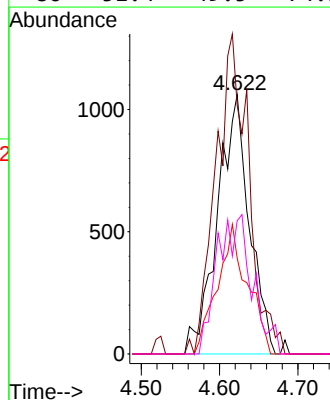
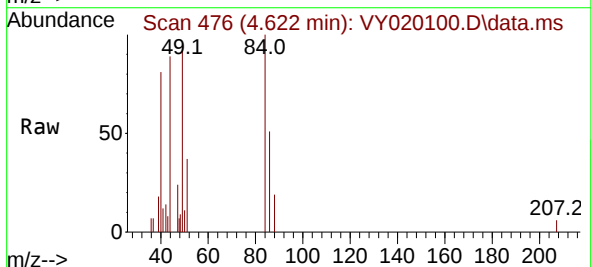
Instrument :
MSVOA_Y
ClientSampleId :

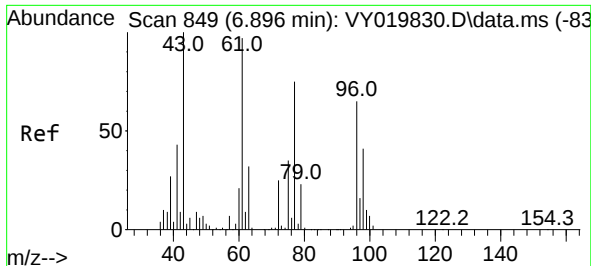
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.276 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 84 Resp: 3005
Ion Ratio Lower Upper
84 100
49 95.9 84.4 126.6
51 37.0 26.0 39.0
86 51.4 49.5 74.3

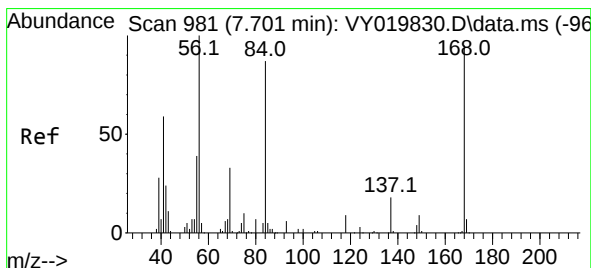
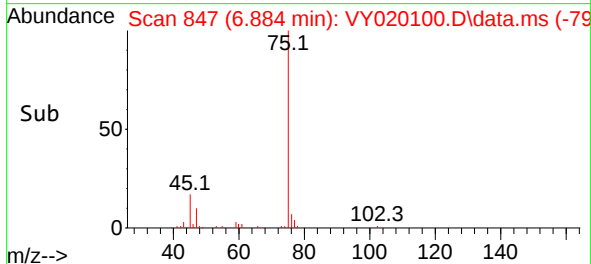
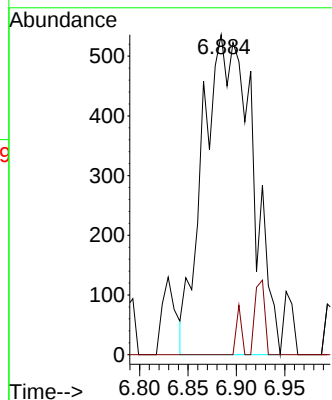
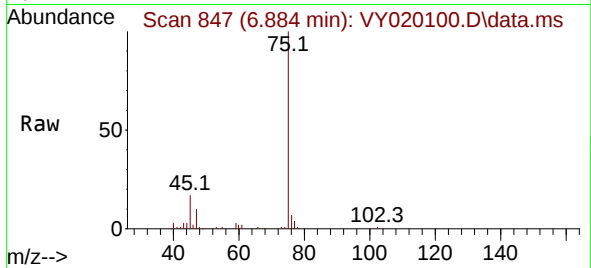




#25
2-Butanone
Concen: 2.692 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

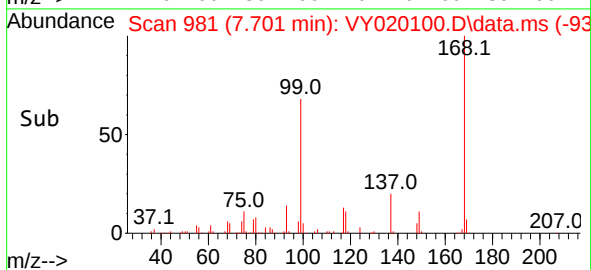
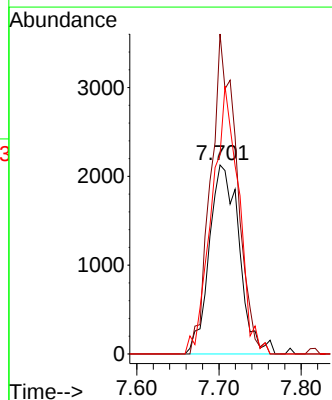
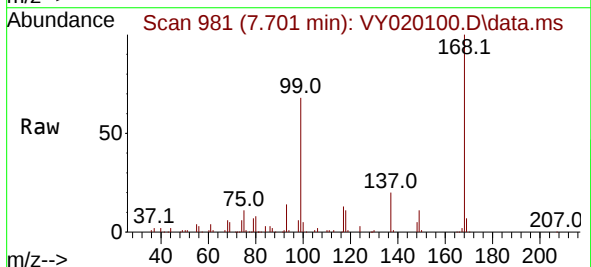
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 56 Resp: 5375
Ion Ratio Lower Upper
56 100
69 169.4 28.7 43.1#
84 105.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 61.929 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020100.D

Acq: 31 Oct 2024 17:22

Instrument :

MSVOA_Y

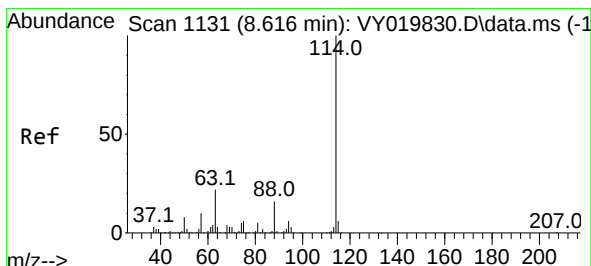
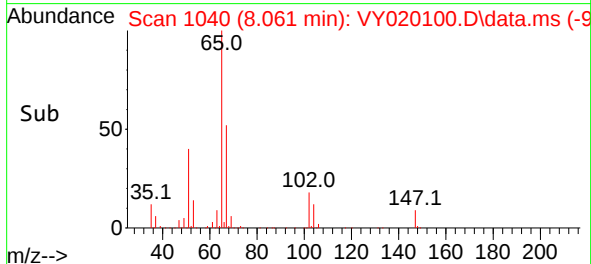
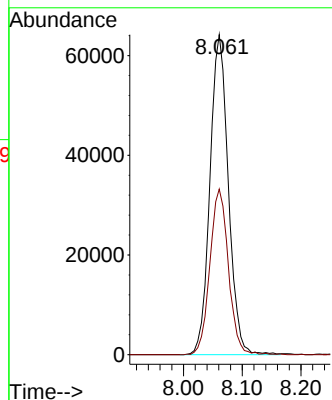
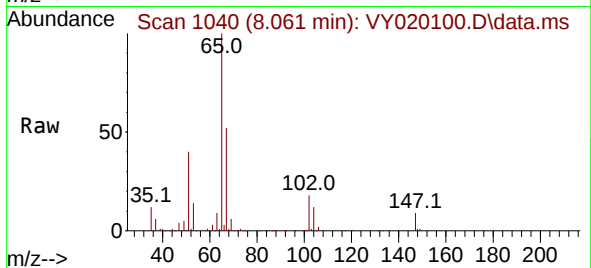
ClientSampleId :

Tgt Ion: 65 Resp: 139613

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020100.D

Acq: 31 Oct 2024 17:22

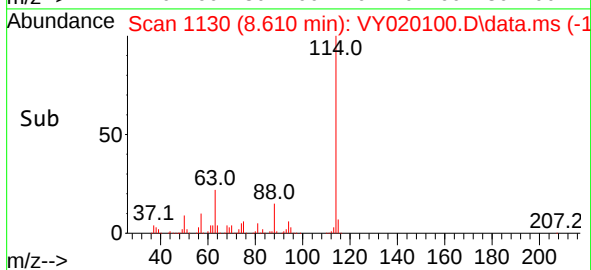
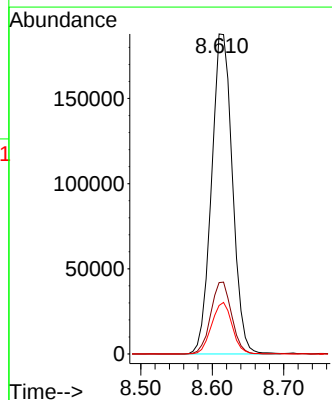
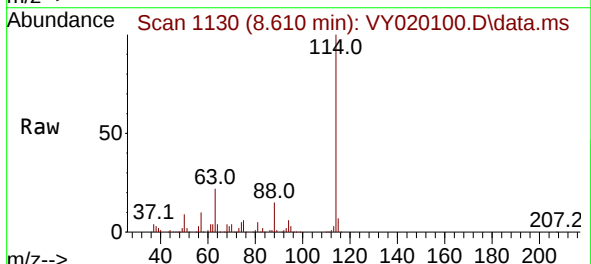
Tgt Ion: 114 Resp: 381120

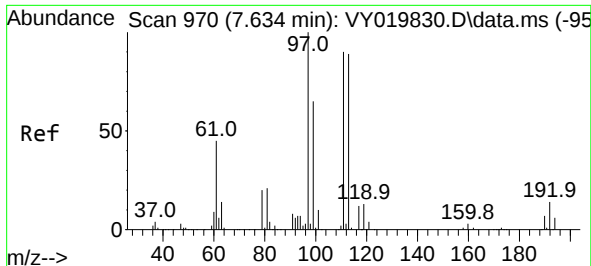
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

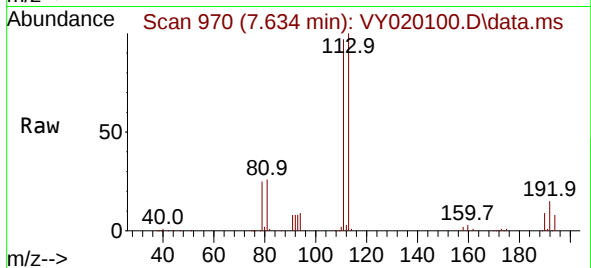
88 15.2 0.0 27.2



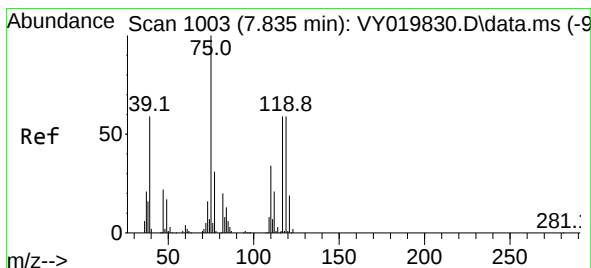
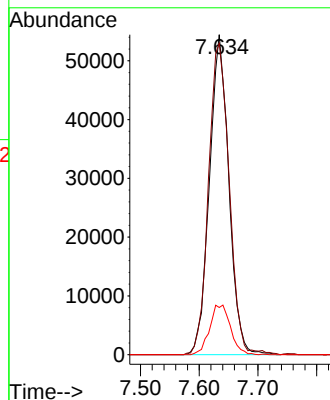
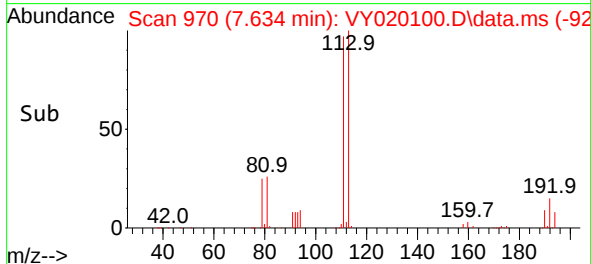


#35
Dibromofluoromethane
Concen: 51.652 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

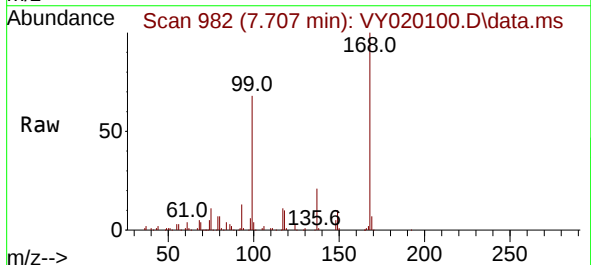
Instrument :
MSVOA_Y
ClientSampleId :



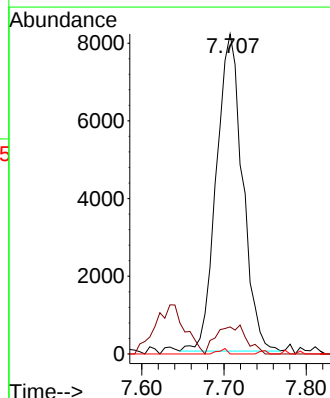
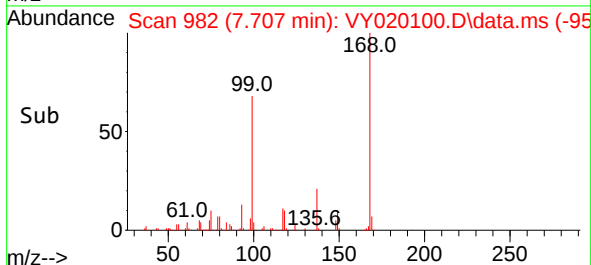
Tgt Ion:113 Resp: 125160
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.6 15.9 23.9

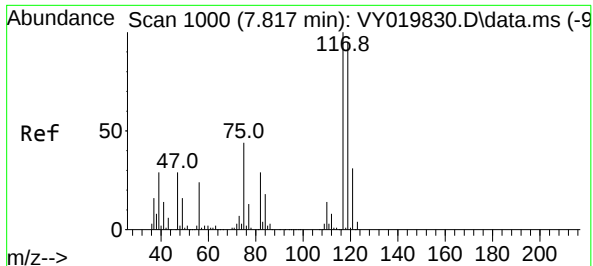


#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22



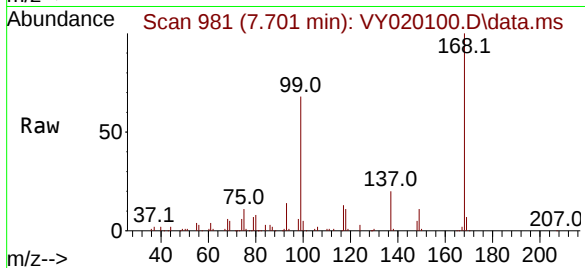
Tgt Ion: 75 Resp: 18116
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.5 25.3 37.9#



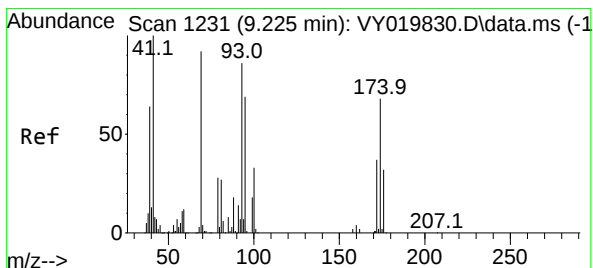
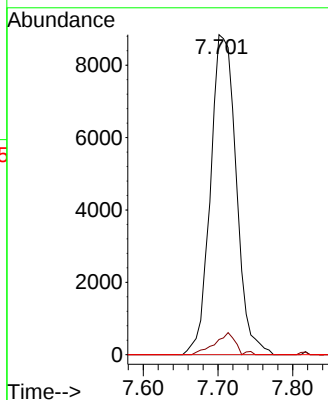
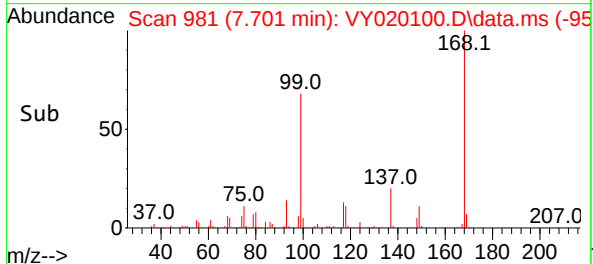


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

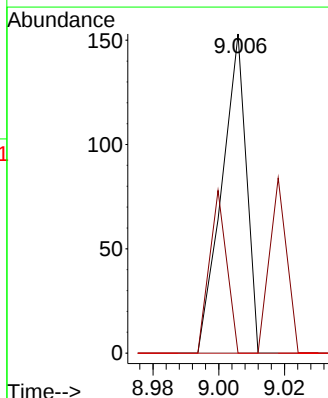
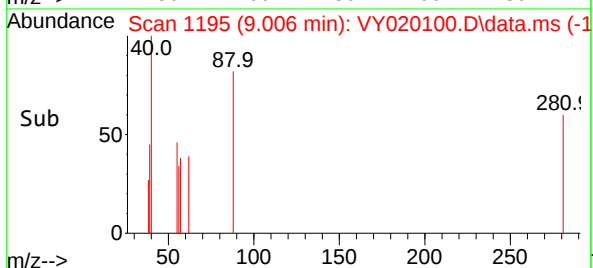
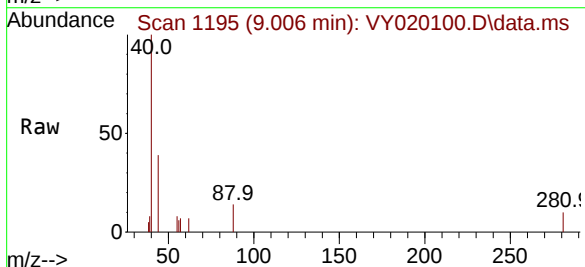


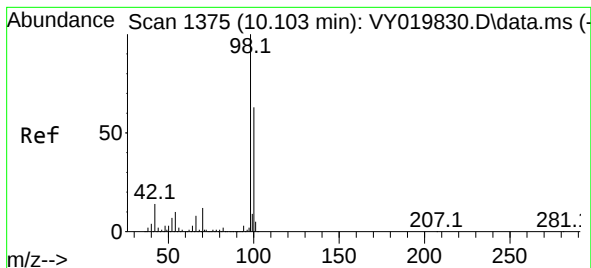
Tgt Ion:117 Resp: 21185
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 5.417 ug/l
RT: 9.006 min Scan# 1195
Delta R.T. -0.225 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 36.7 0.0 0.0#
58 0.0 49.3 73.9#

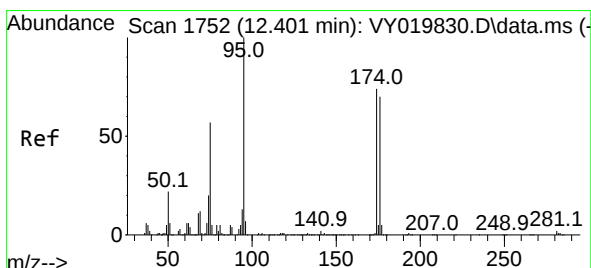
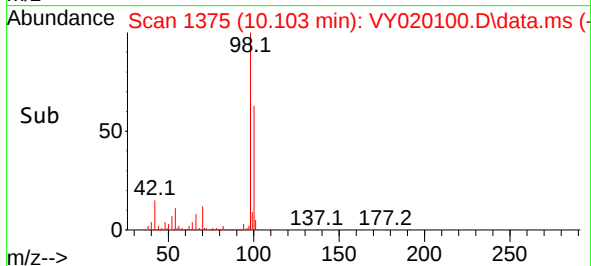
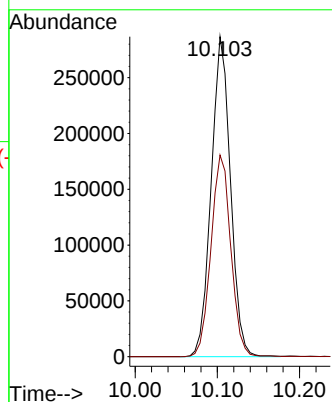
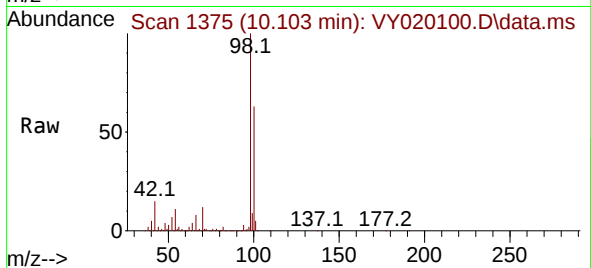




#50
Toluene-d8
Concen: 48.495 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

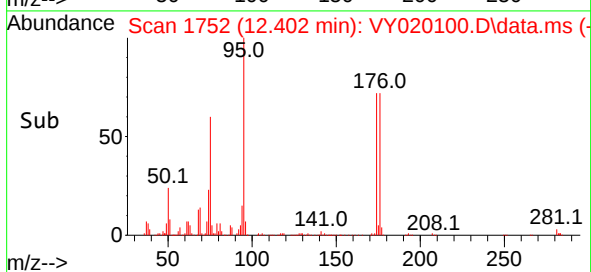
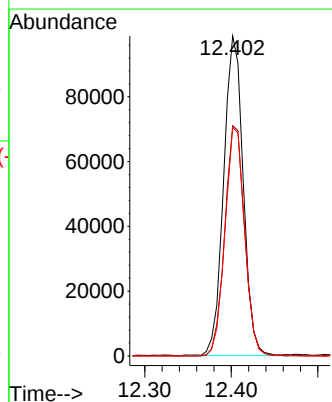
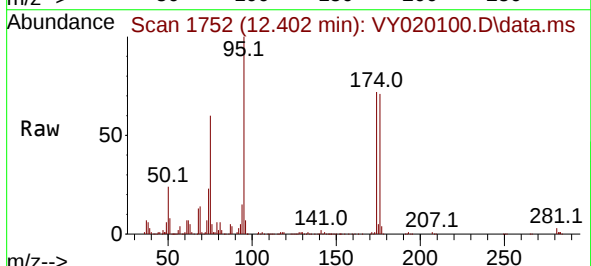
Instrument :
MSVOA_Y
ClientSampleId :

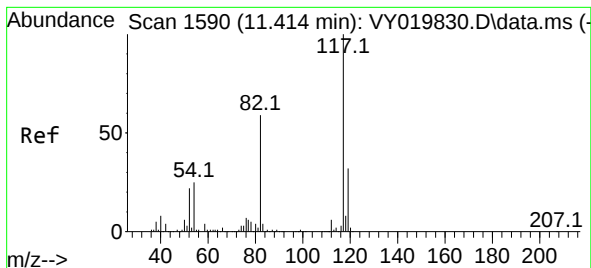
Tgt Ion: 98 Resp: 467747
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.346 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 95 Resp: 154595
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

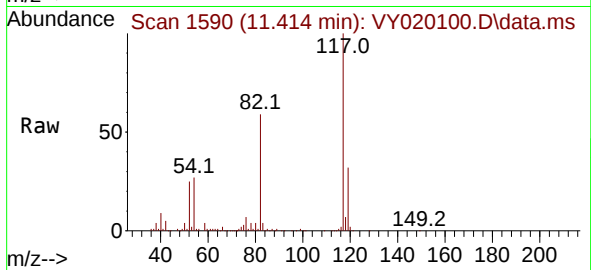
Lab File: VY020100.D

Acq: 31 Oct 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :



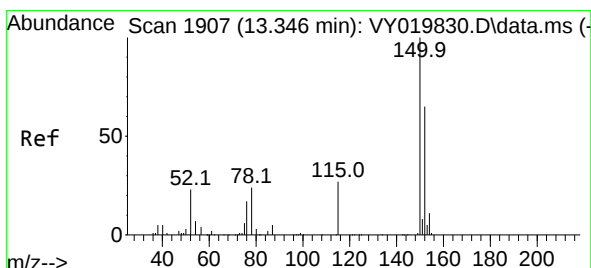
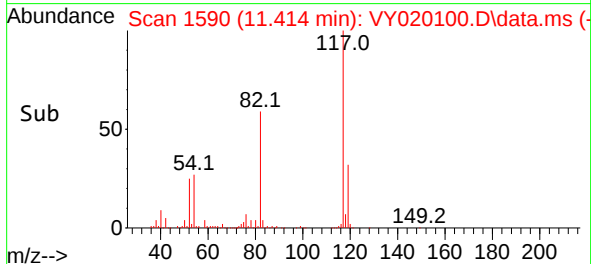
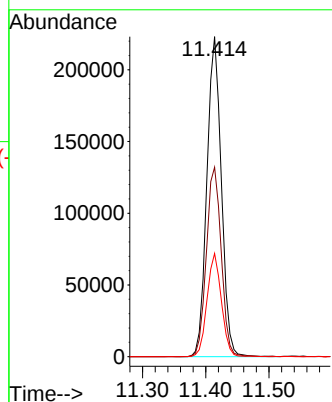
Tgt Ion:117 Resp: 355621

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 32.3 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: VY020100.D

Acq: 31 Oct 2024 17:22

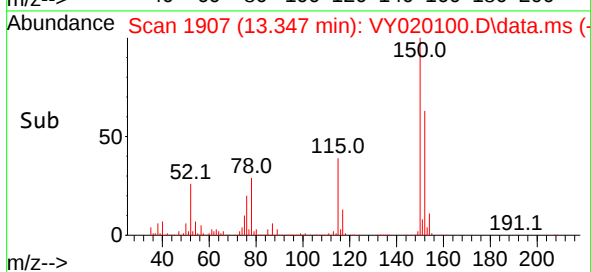
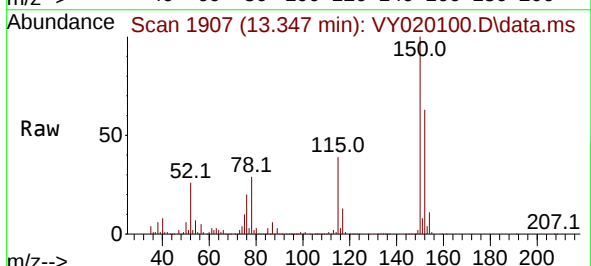
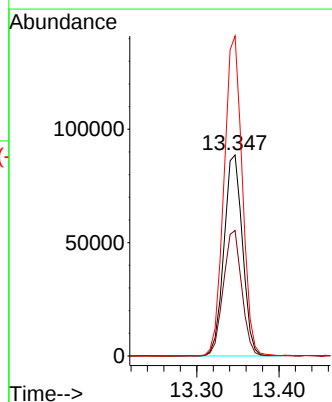
Tgt Ion:152 Resp: 138530

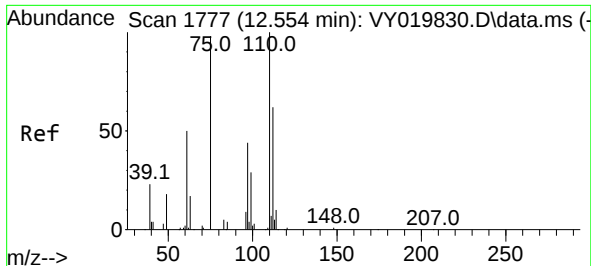
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.3 0.0 345.6

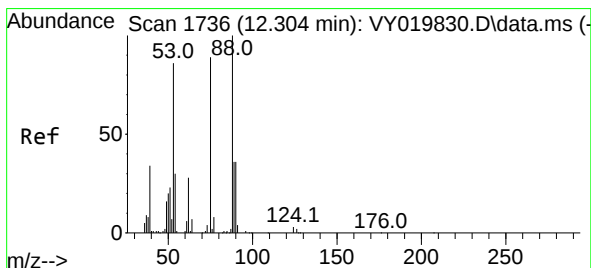
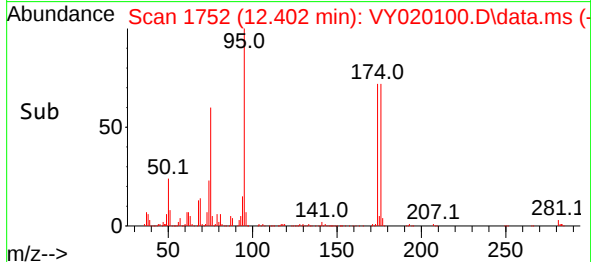
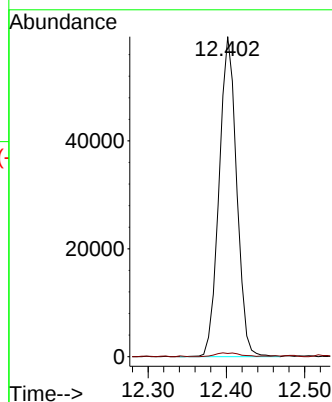
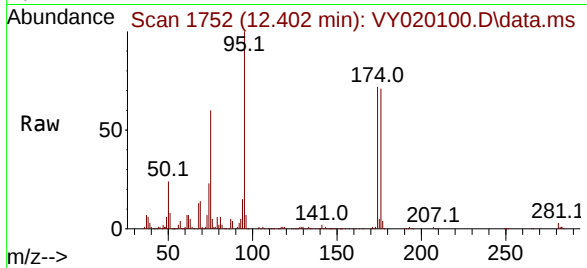




#76
1,2,3-Trichloropropane
Concen: 71.356 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 92661
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.484 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

Tgt Ion: 75 Resp: 92661
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.1 35.8 53.6#

