

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020165.D
 Acq On : 05 Nov 2024 14:32
 Operator : SY/MD
 Sample : P4701-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:25:53 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	156198	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	331723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114854	58.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.840%
35) Dibromofluoromethane	7.634	113	108957	51.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.109	98	417902	49.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.401	95	125292	45.948	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.900%

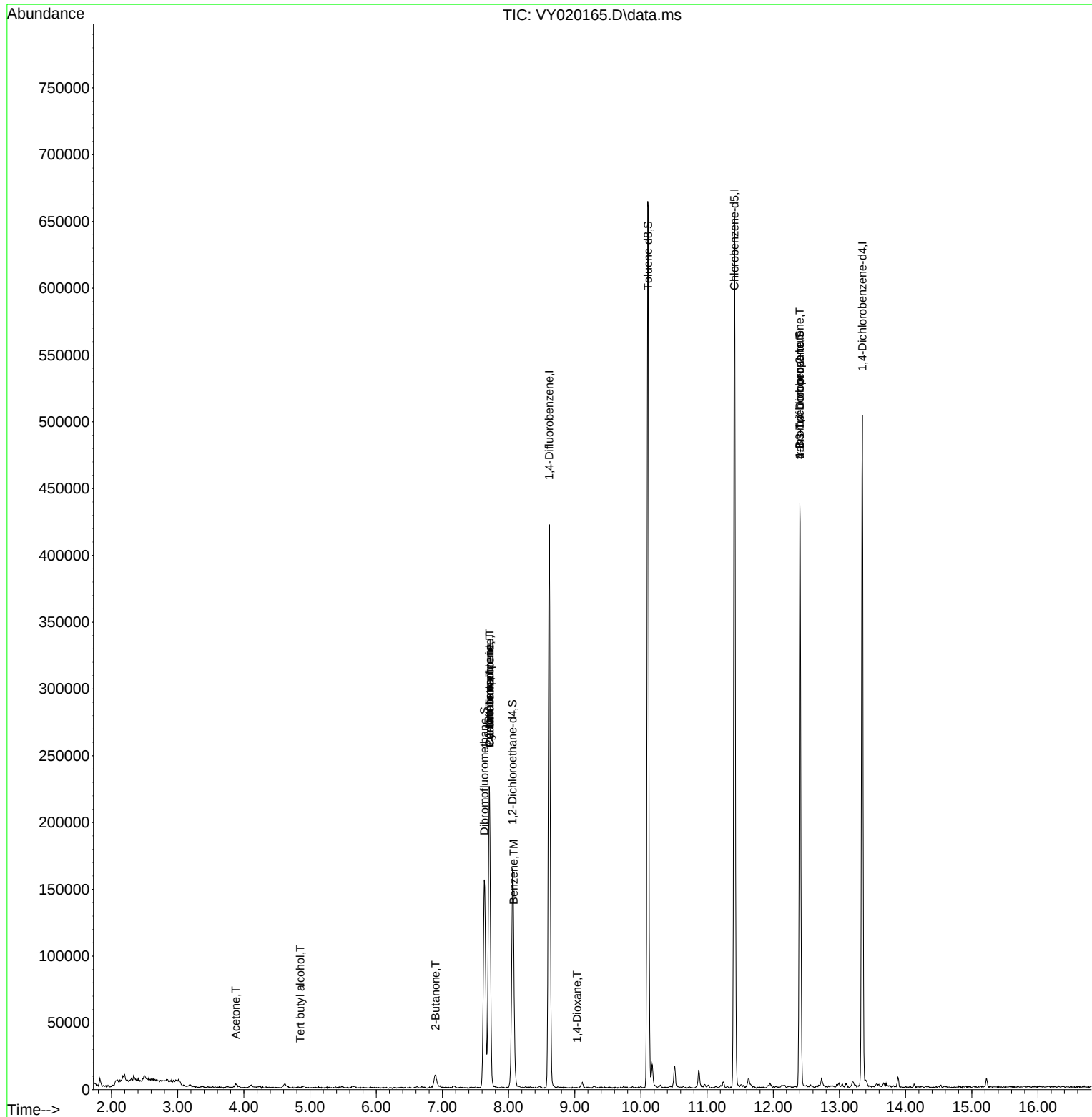
Target Compounds					Qvalue
11) Tert butyl alcohol	4.854	59	359	2.560	ug/l # 88
16) Acetone	3.878	43	4786	10.557	ug/l # 79
25) 2-Butanone	6.896	43	950	1.546	ug/l # 59
31) Cyclohexane	7.713	56	5561	1.572	ug/l # 56
36) 1,1-Dichloropropene	7.713	75	15645	4.802	ug/l # 48
38) Carbon Tetrachloride	7.713	117	17948	5.478	ug/l # 17
40) Benzene	8.079	78	22337	2.349	ug/l 95
49) 1,4-Dioxane	9.036	88	25	1.970	ug/l # 20
76) 1,2,3-Trichloropropane	12.401	75	74539	70.810	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.401	75	74539	152.309	ug/l # 16

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

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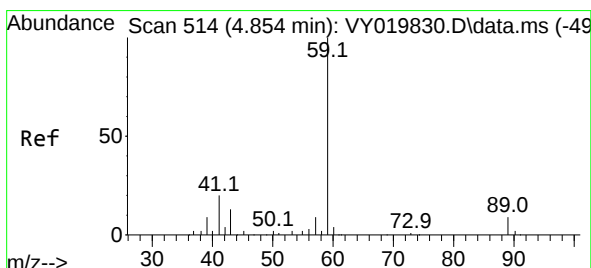
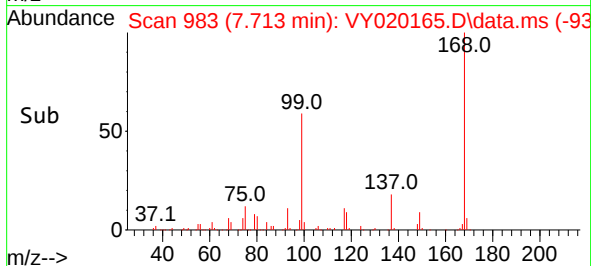
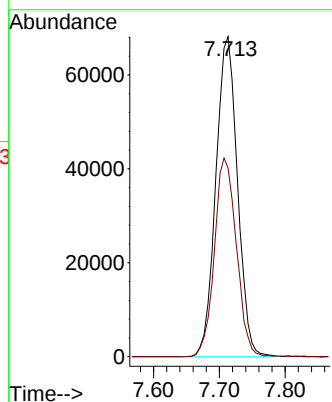
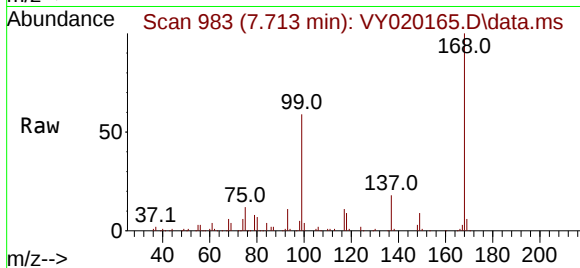




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

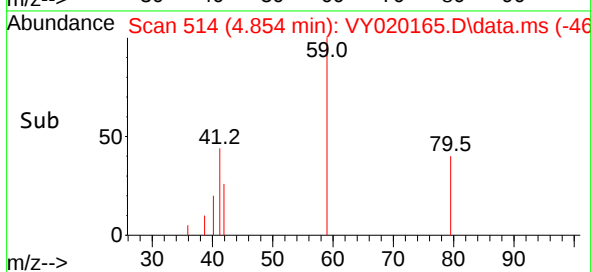
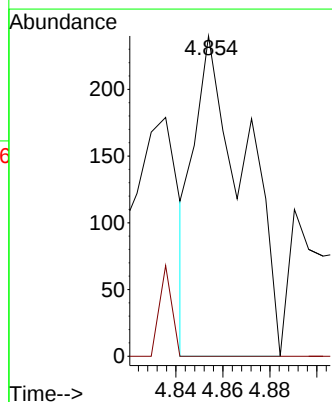
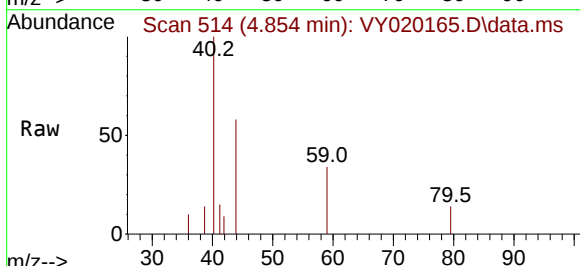
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 156198
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.560 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

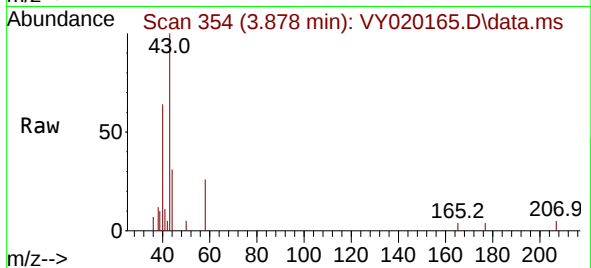
Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



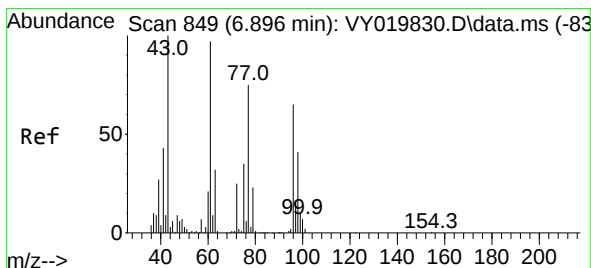
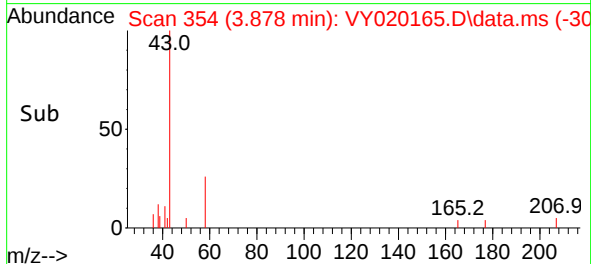
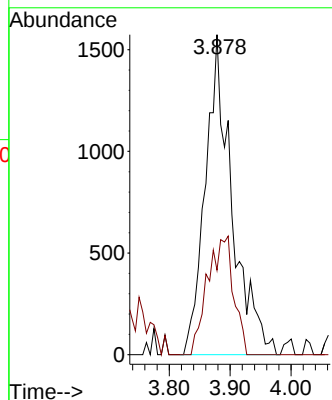


#16
Acetone
Concen: 10.557 ug/l
RT: 3.878 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

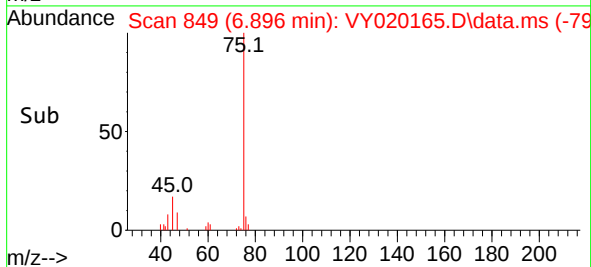
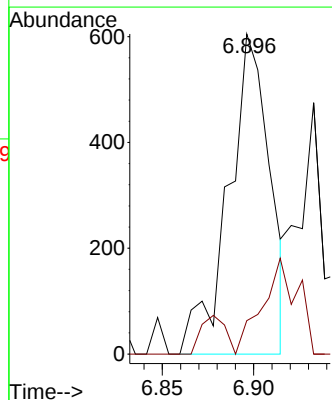
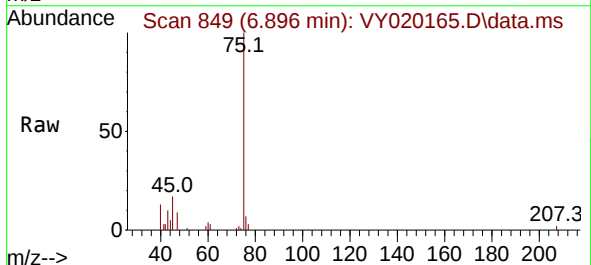


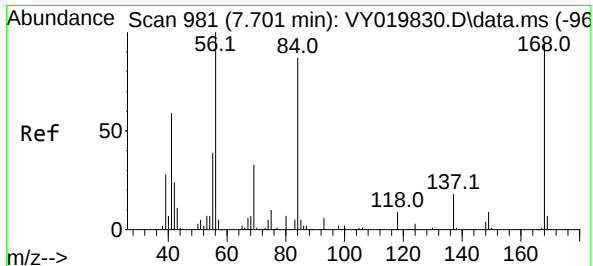
Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
58 26.4 31.7 47.5#



#25
2-Butanone
Concen: 1.546 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
72 10.4 27.3 40.9#

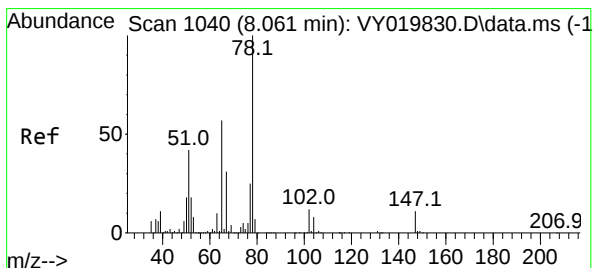
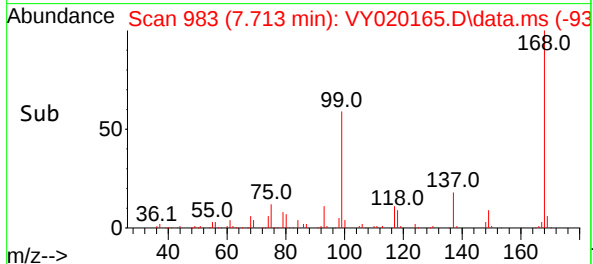
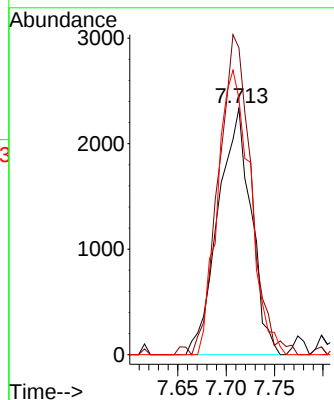
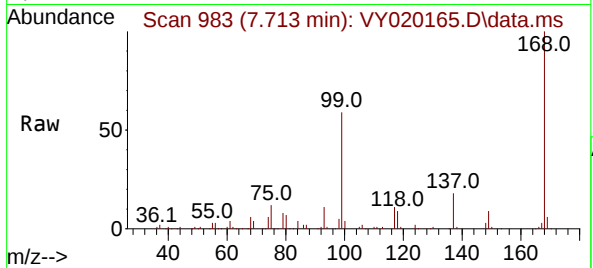




#31
Cyclohexane
Concen: 1.572 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

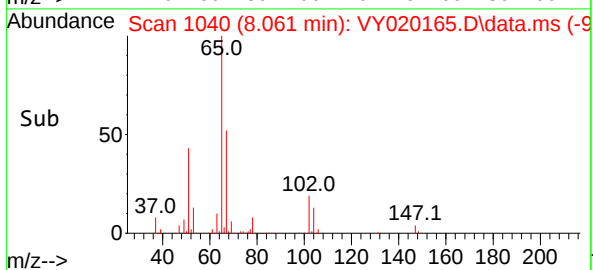
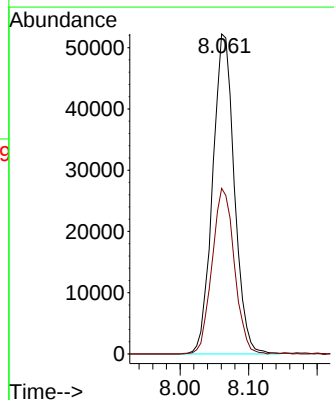
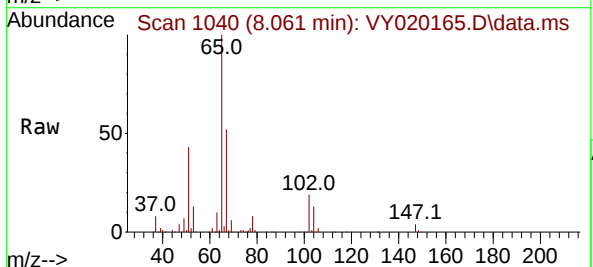
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5561
Ion Ratio Lower Upper
56 100
69 121.3 28.7 43.1#
84 104.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 58.916 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

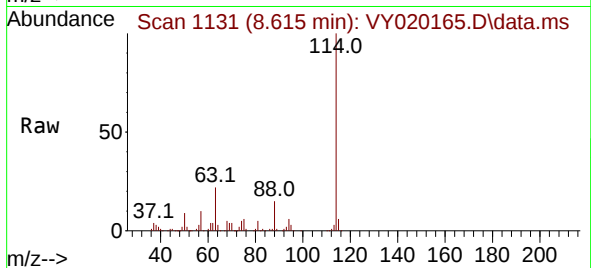
Tgt Ion: 65 Resp: 114854
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



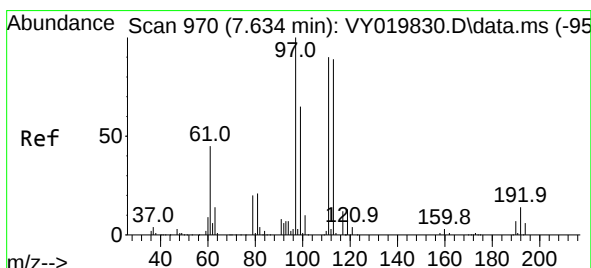
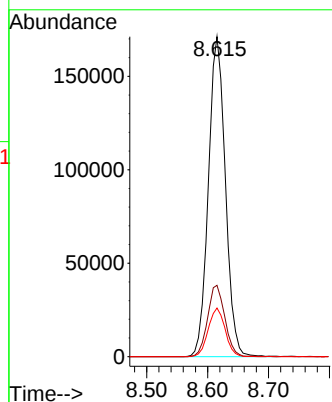
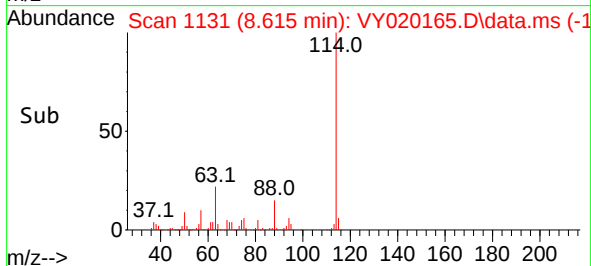


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

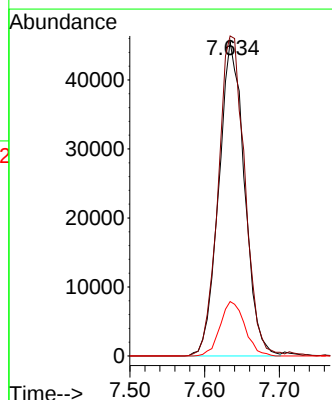
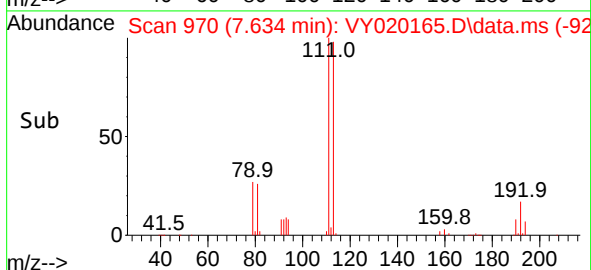
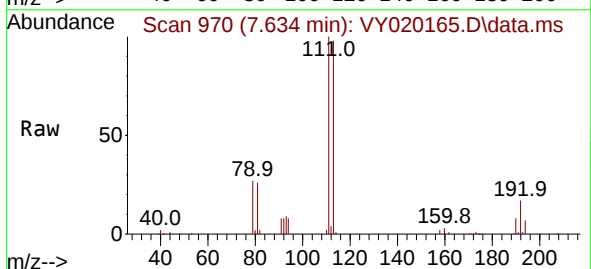


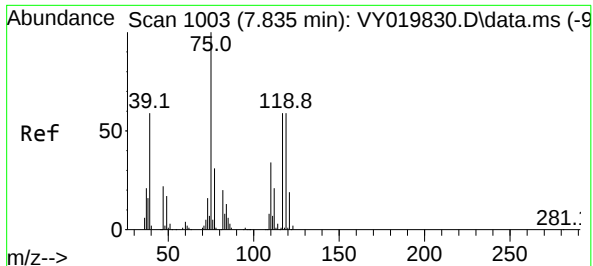
Tgt Ion:114 Resp: 331723
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 15.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.661 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion:113 Resp: 108957
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020165.D

Acq: 05 Nov 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

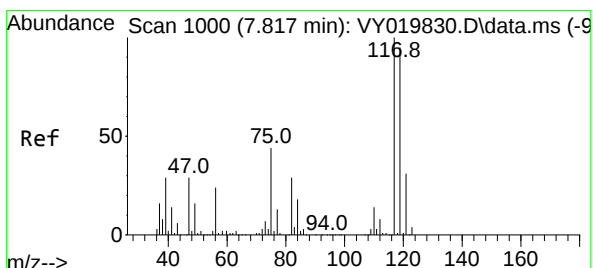
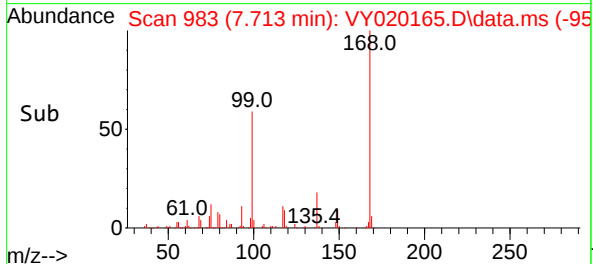
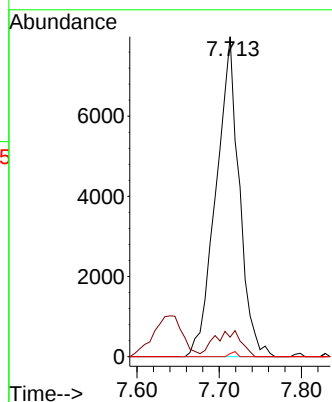
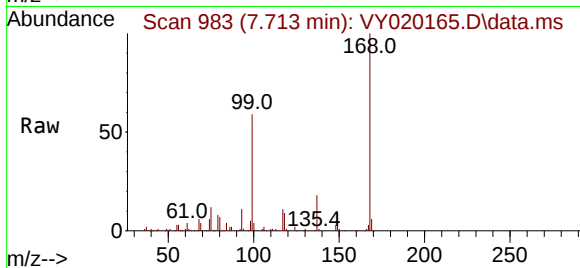
Tgt Ion: 75 Resp: 15645

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.478 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY020165.D

Acq: 05 Nov 2024 14:32

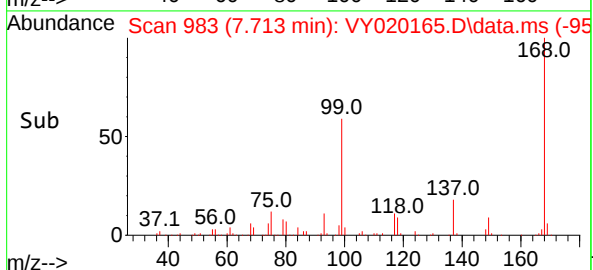
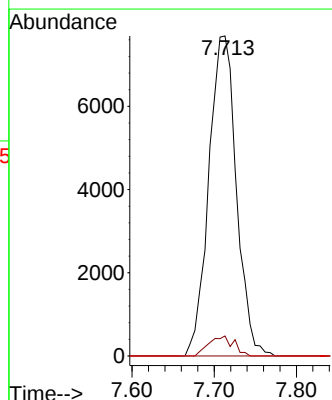
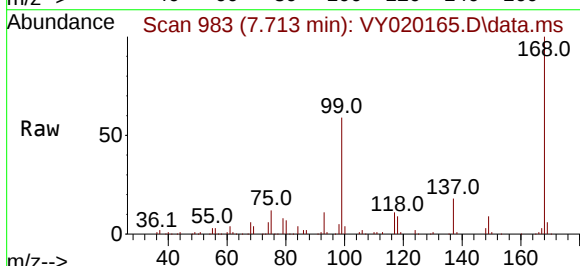
Tgt Ion: 117 Resp: 17948

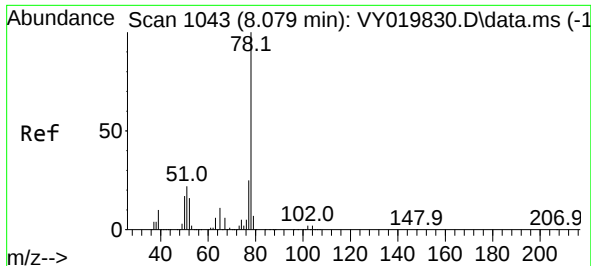
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#

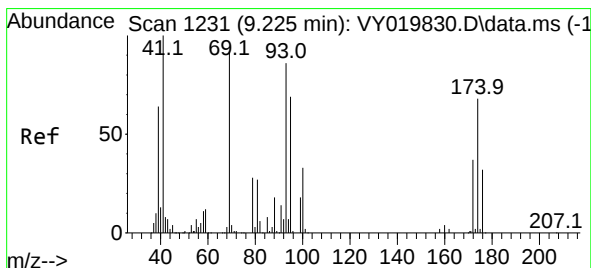
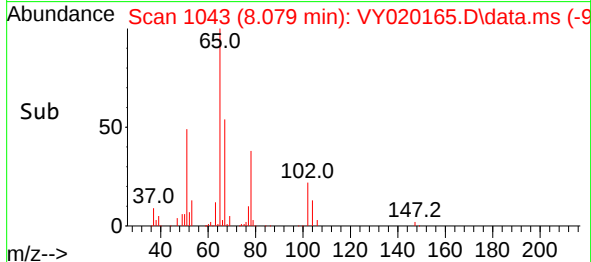
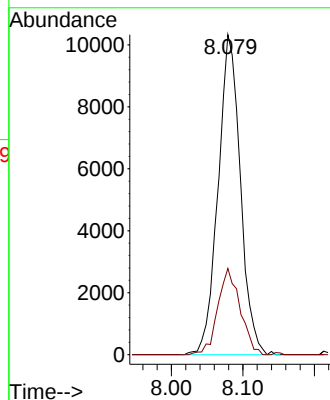
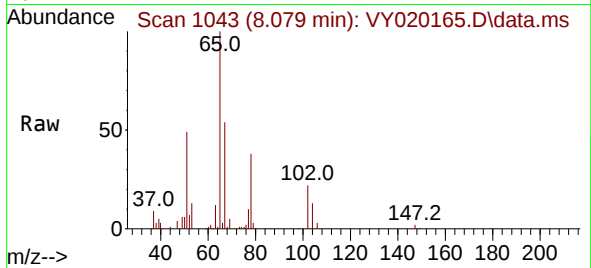




#40
Benzene
Concen: 2.349 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

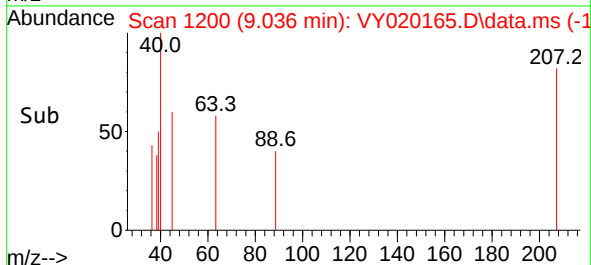
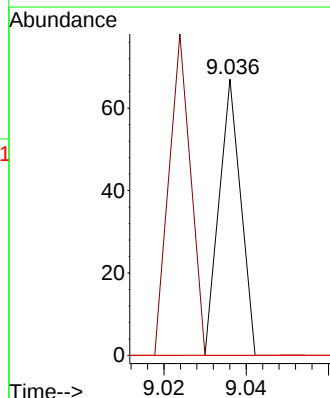
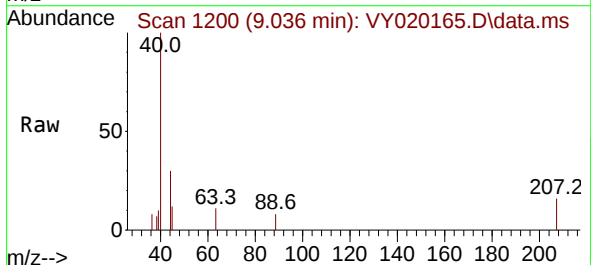
Instrument :
MSVOA_Y
ClientSampleId :

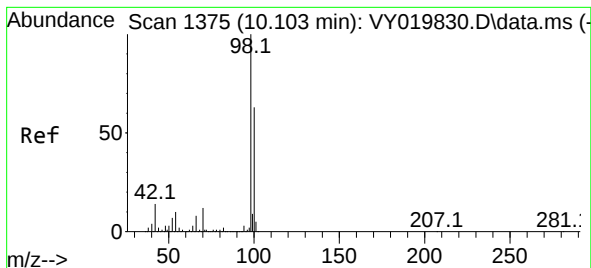
Tgt Ion: 78 Resp: 22337
Ion Ratio Lower Upper
78 100
77 27.0 19.5 29.3



#49
1,4-Dioxane
Concen: 1.970 ug/l
RT: 9.036 min Scan# 1200
Delta R.T. -0.195 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

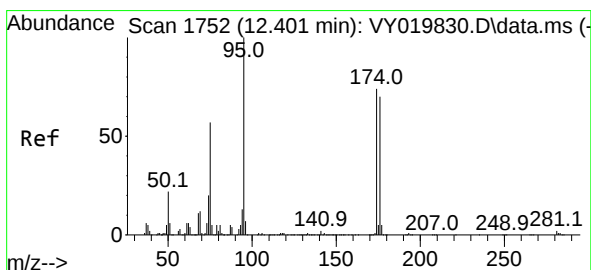
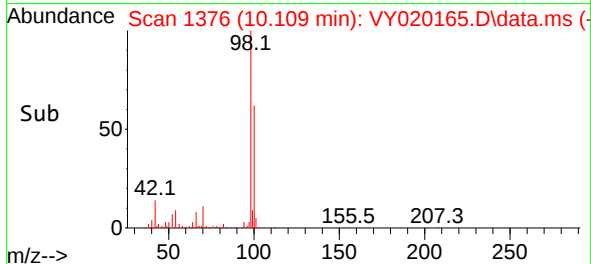
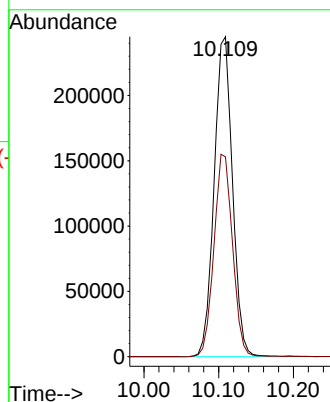
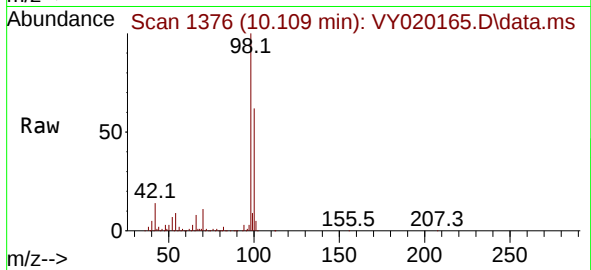




#50
Toluene-d8
Concen: 49.779 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

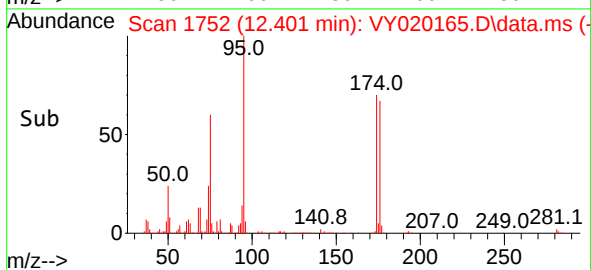
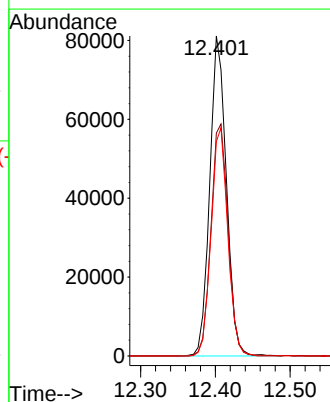
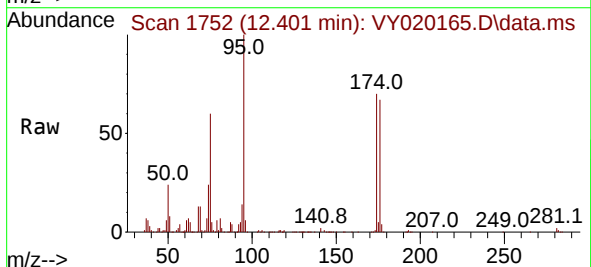
Instrument :
MSVOA_Y
ClientSampleId :

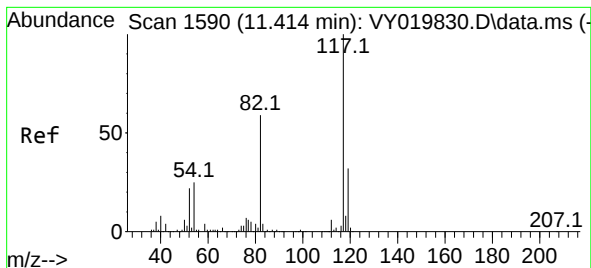
Tgt Ion: 98 Resp: 417902
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.948 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion: 95 Resp: 125292
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

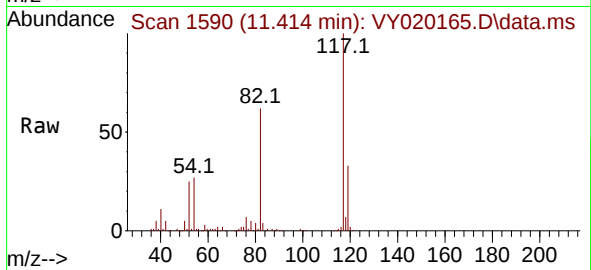
Lab File: VY020165.D

Acq: 05 Nov 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :



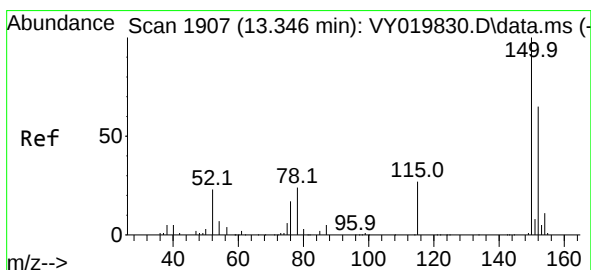
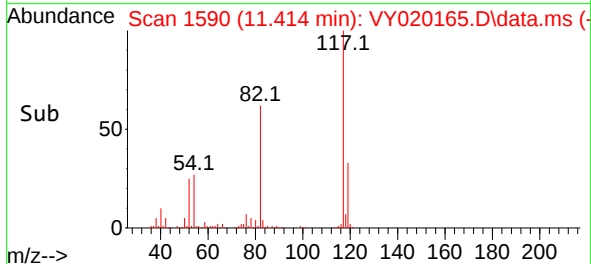
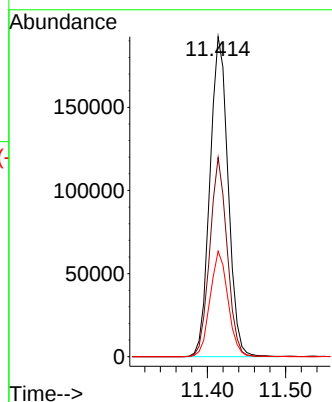
Tgt Ion:117 Resp: 310215

Ion Ratio Lower Upper

117 100

82 62.3 42.4 63.6

119 33.0 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: VY020165.D

Acq: 05 Nov 2024 14:32

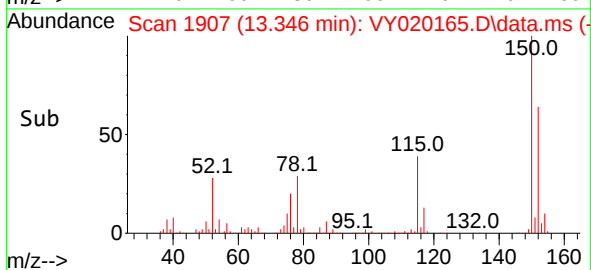
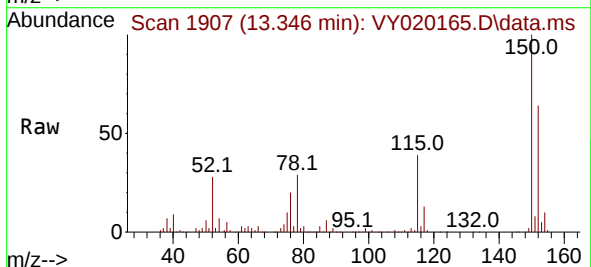
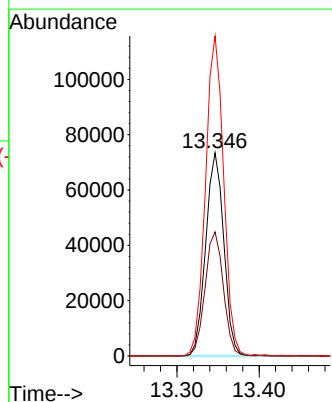
Tgt Ion:152 Resp: 112297

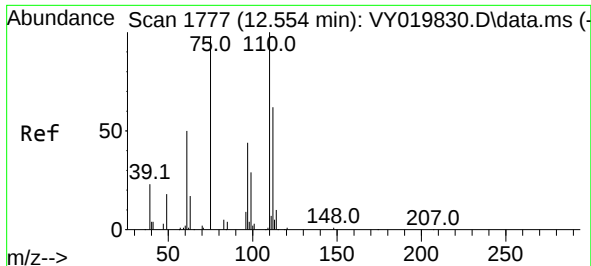
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 157.6 0.0 345.6

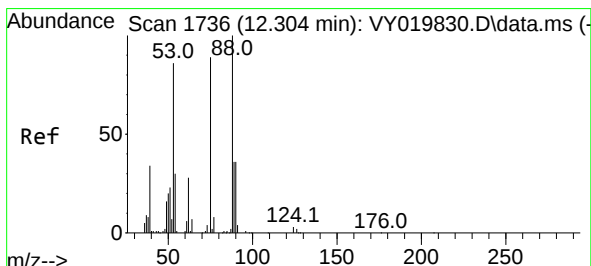
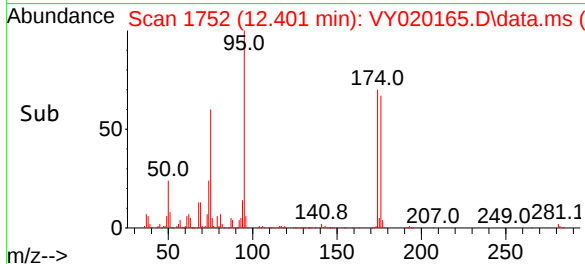
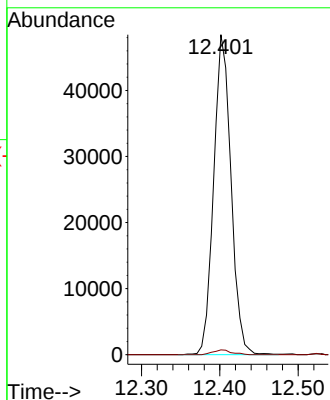
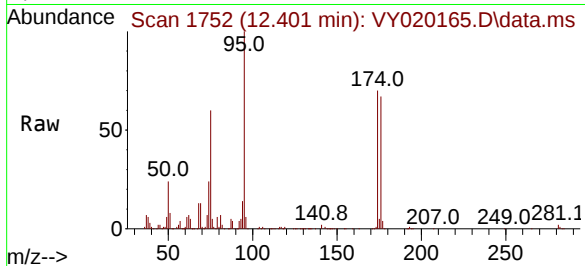




#76
1,2,3-Trichloropropane
Concen: 70.810 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74539
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 152.309 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion: 75 Resp: 74539
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

