

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
 Data File : VY019492.D  
 Acq On : 10 Sep 2024 16:57  
 Operator : SY/MD  
 Sample : P3914-01  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 11 01:51:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------|------------|--------|----------|
| -----                         |                |      |          |            |        |          |
| Internal Standards            |                |      |          |            |        |          |
| 1) Pentafluorobenzene         | 7.707          | 168  | 373859   | 50.000     | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.609          | 114  | 723830   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.414         | 117  | 661538   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.346         | 152  | 276231   | 50.000     | ug/l   | 0.00     |
|                               |                |      |          |            |        |          |
| System Monitoring Compounds   |                |      |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.055          | 65   | 222397   | 64.242     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery | = 128.480% |        |          |
| 35) Dibromofluoromethane      | 7.628          | 113  | 228655   | 55.715     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery | = 111.440% |        |          |
| 50) Toluene-d8                | 10.103         | 98   | 865060   | 56.988     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 134 |      | Recovery | = 113.980% |        |          |
| 62) 4-Bromofluorobenzene      | 12.401         | 95   | 305436   | 52.330     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 29 - 146 |      | Recovery | = 104.660% |        |          |
|                               |                |      |          |            |        |          |
| Target Compounds              |                |      |          |            |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.861          | 85   | 259      | Below Cal  | #      | 43       |
| 11) Tert butyl alcohol        | 4.854          | 59   | 3788     | 13.549     | ug/l # | 88       |
| 13) Acrolein                  | 3.647          | 56   | 4227     | 18.116     | ug/l # | 15       |
| 15) Acrylonitrile             | 5.049          | 53   | 20463    | 25.358     | ug/l   | 95       |
| 16) Acetone                   | 3.866          | 43   | 80576    | 97.699     | ug/l # | 80       |
| 20) Methylene Chloride        | 4.604          | 84   | 40593    | 10.793     | ug/l   | 94       |
| 25) 2-Butanone                | 6.896          | 43   | 22545    | 19.220     | ug/l   | 89       |
| 31) Cyclohexane               | 7.683          | 56   | 33884    | 5.469      | ug/l # | 71       |
| 36) 1,1-Dichloropropene       | 7.701          | 75   | 32210    | 5.768      | ug/l # | 48       |
| 37) Ethyl Acetate             | 6.896          | 43   | 22545    | 7.879      | ug/l # | 67       |
| 38) Carbon Tetrachloride      | 7.707          | 117  | 38698    | 6.145      | ug/l # | 17       |
| 39) Methylcyclohexane         | 9.103          | 83   | 35643    | 4.796      | ug/l # | 89       |
| 40) Benzene                   | 8.079          | 78   | 156365   | 9.091      | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.183          | 43   | 12111    | 2.015      | ug/l # | 47       |
| 51) 4-Methyl-2-Pentanone      | 9.999          | 43   | 4014     | 1.327      | ug/l   | 96       |
| 52) Toluene                   | 10.170         | 92   | 959665   | 86.753     | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.164         | 75   | 11399    | 1.935      | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 10.542         | 97   | 8150     | 2.567      | ug/l # | 23       |
| 59) 2-Hexanone                | 10.731         | 43   | 10419    | 4.699      | ug/l # | 19       |
| 67) Ethyl Benzene             | 11.517         | 91   | 766979   | 33.171     | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.621         | 106  | 1208041  | 138.175    | ug/l   | 94       |
| 69) o-Xylene                  | 11.950         | 106  | 411283   | 48.102     | ug/l   | 93       |
| 70) Styrene                   | 11.950         | 104  | 23184    | 1.606      | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.255         | 105  | 70833    | 3.535      | ug/l   | 100      |
| 74) N-aryl acetate            | 12.042         | 43   | 6303     | 1.156      | ug/l # | 47       |
| 76) 1,2,3-Trichloropropane    | 12.657         | 75   | 9680     | 3.739      | ug/l # | 100      |
| 78) n-propylbenzene           | 12.596         | 91   | 388826   | 16.370     | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.657         | 91   | 137151   | 9.908      | ug/l # | 39       |
| 80) 1,3,5-Trimethylbenzene    | 12.737         | 105  | 374563   | 22.991     | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.401         | 75   | 160779   | 119.212    | ug/l # | 17       |
| 82) 4-Chlorotoluene           | 12.737         | 91   | 41412    | 2.910      | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.041         | 119  | 206024   | 13.969     | ug/l # | 58       |
| 84) 1,2,4-Trimethylbenzene    | 13.041         | 105  | 1732638  | 107.442    | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.041         | 105  | 1732638  | 80.868     | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.291         | 119  | 419317   | 23.920     | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.615         | 91   | 77068    | 4.599      | ug/l # | 75       |

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Sample : P3914-01  
Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 11 01:51:00 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration

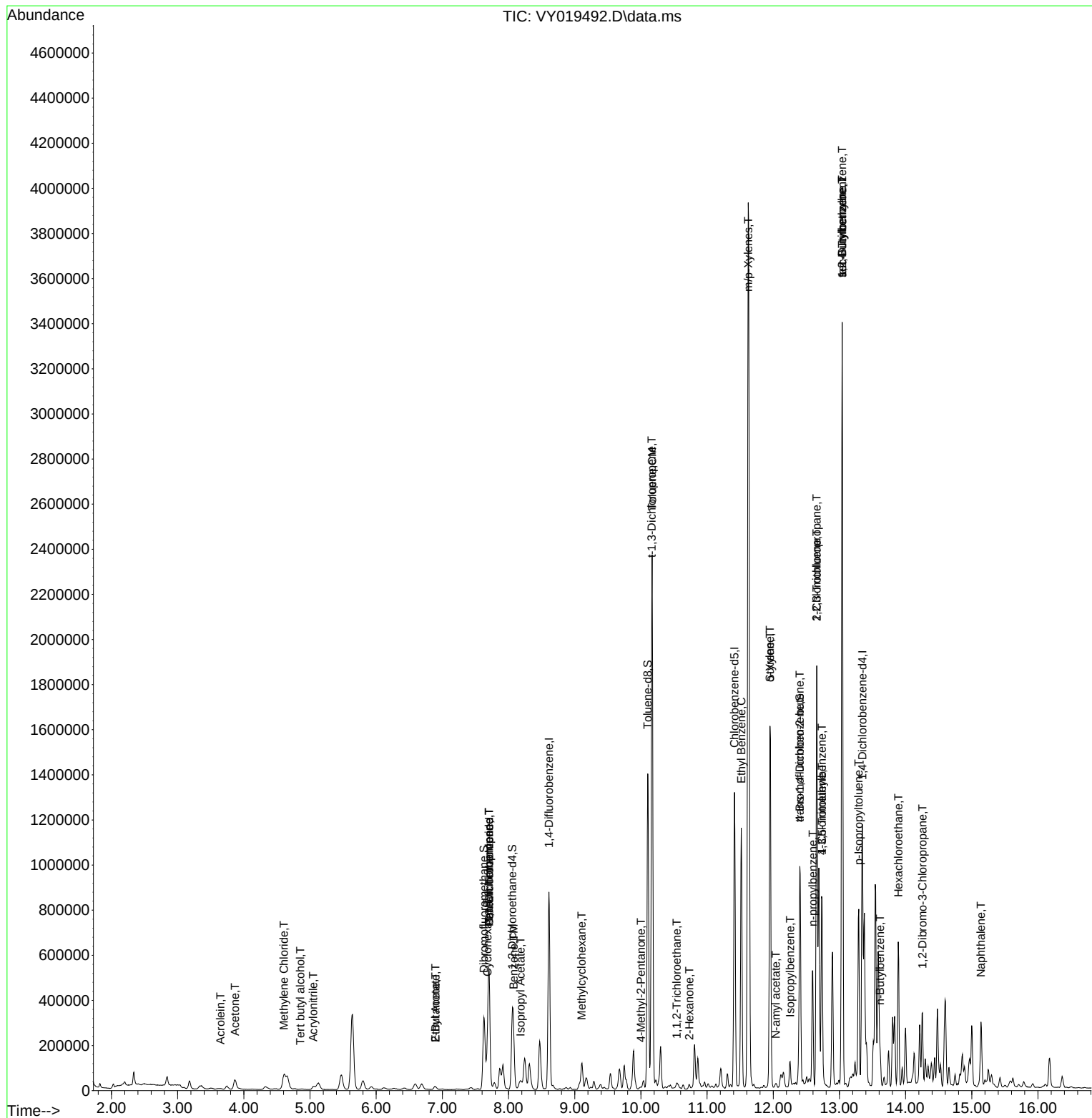
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 90) Hexachloroethane          | 13.889 | 117  | 29461    | 8.077  | ug/l # | 12       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.255 | 75   | 1482     | 2.500  | ug/l # | 1        |
| 95) Naphthalene               | 15.139 | 128  | 211936   | 22.578 | ug/l   | 99       |

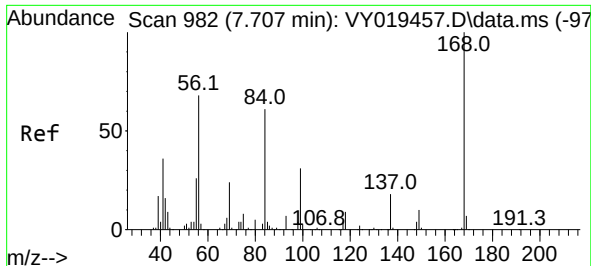
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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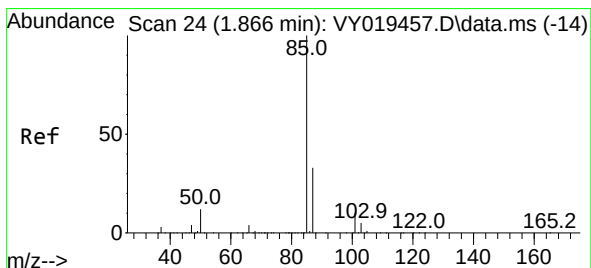
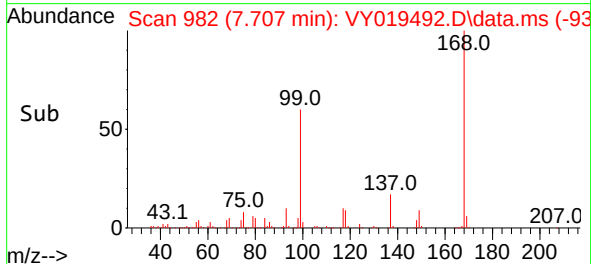
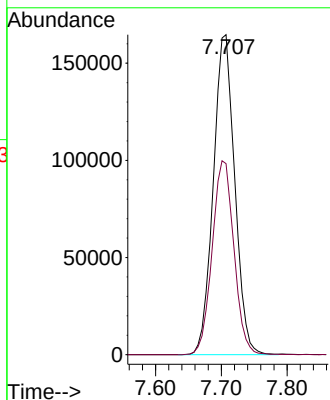
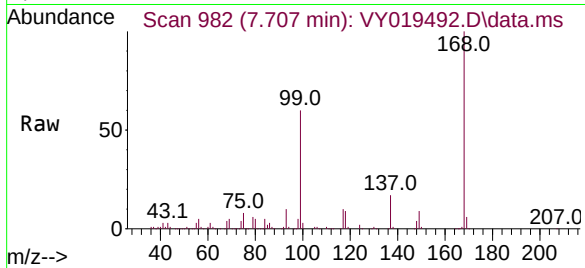




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

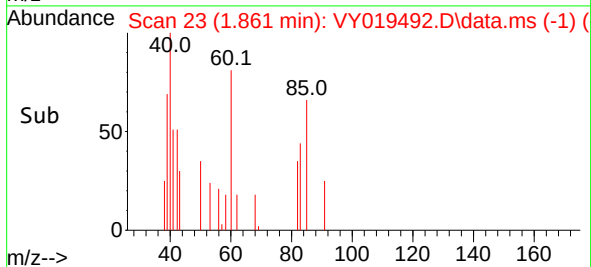
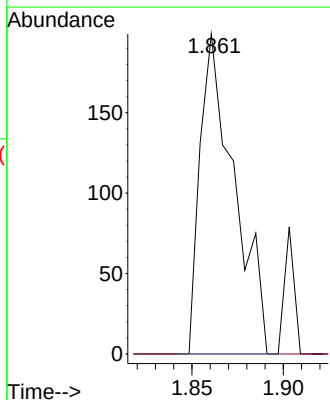
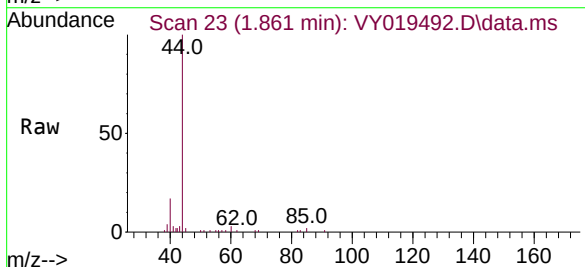
Instrument :  
MSVOA\_Y  
ClientSampleId :

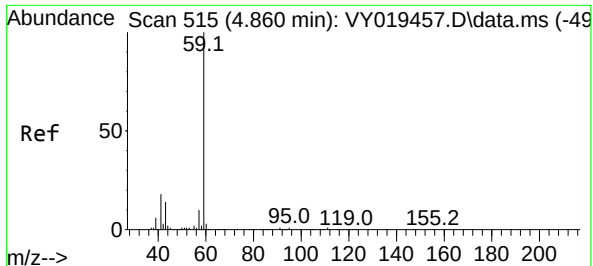
Tgt Ion:168 Resp: 373859  
Ion Ratio Lower Upper  
168 100  
99 59.7 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.861 min Scan# 23  
Delta R.T. -0.005 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

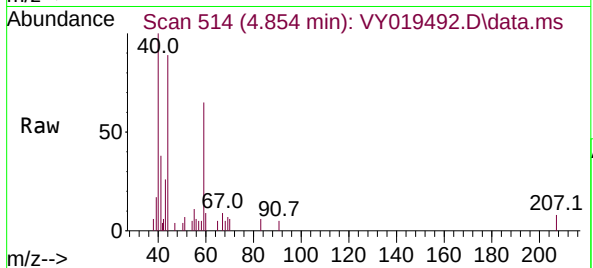
Tgt Ion: 85 Resp: 259  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.0 48.0#



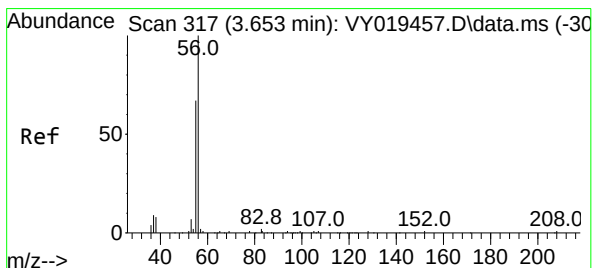
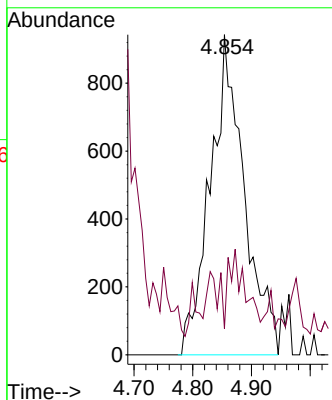
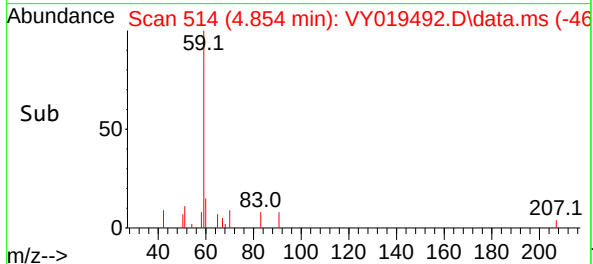


#11  
Tert butyl alcohol  
Concen: 13.549 ug/l  
RT: 4.854 min Scan# 515  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

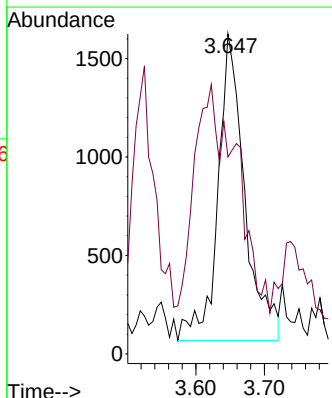
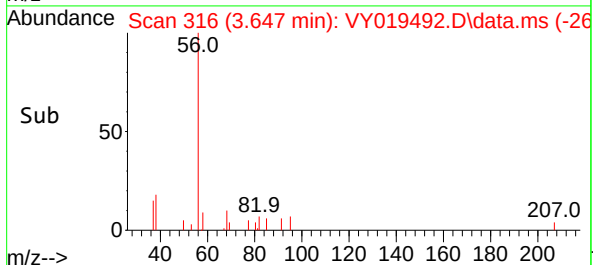
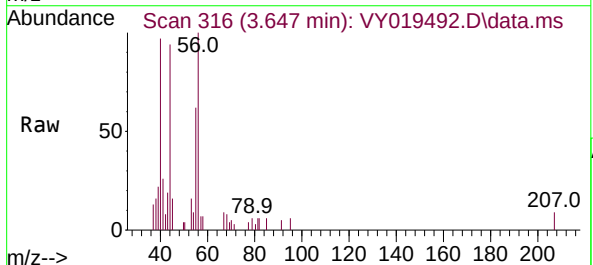


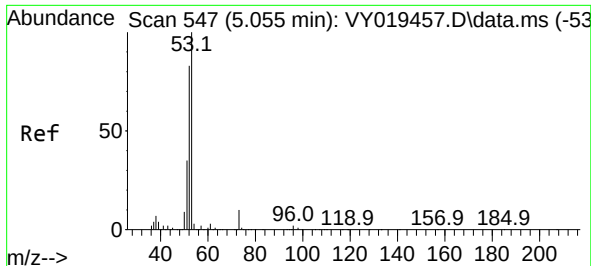
Tgt Ion: 59 Resp: 3788  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.6#



#13  
Acrolein  
Concen: 18.116 ug/l  
RT: 3.647 min Scan# 316  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 56 Resp: 4227  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.7 83.5#

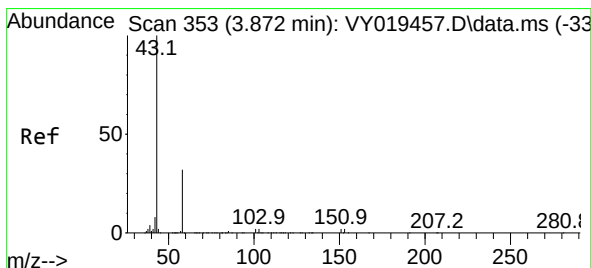
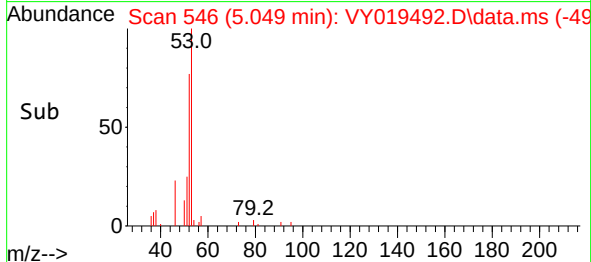
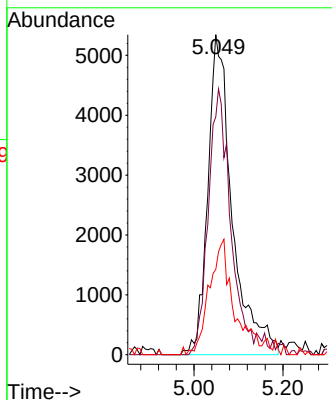
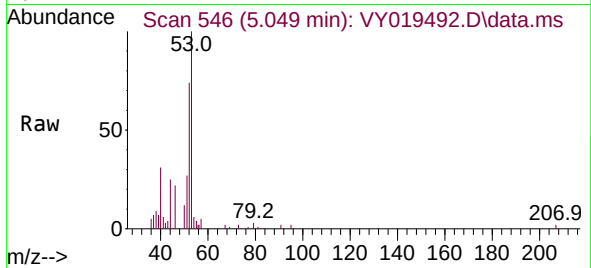




#15  
Acrylonitrile  
Concen: 25.358 ug/l  
RT: 5.049 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

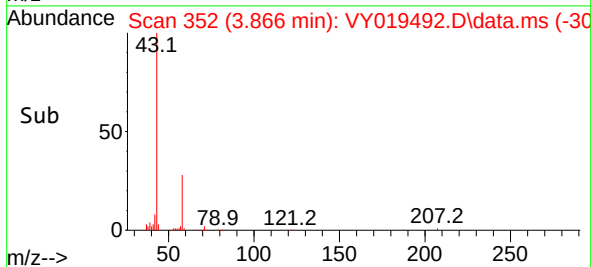
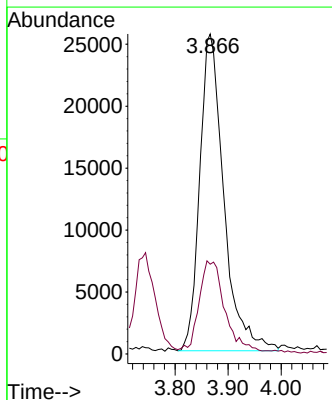
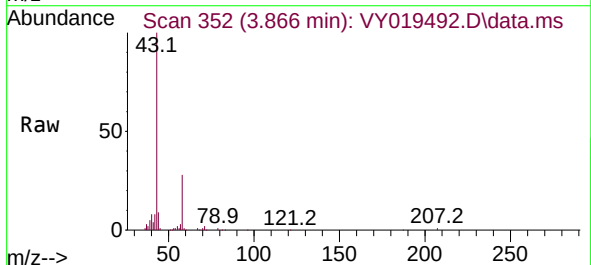
Instrument :  
MSVOA\_Y  
ClientSampleId :

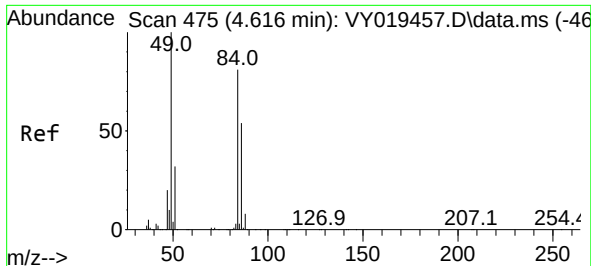
Tgt Ion: 53 Resp: 20463  
Ion Ratio Lower Upper  
53 100  
52 75.0 64.7 97.1  
51 36.0 28.4 42.6



#16  
Acetone  
Concen: 97.699 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

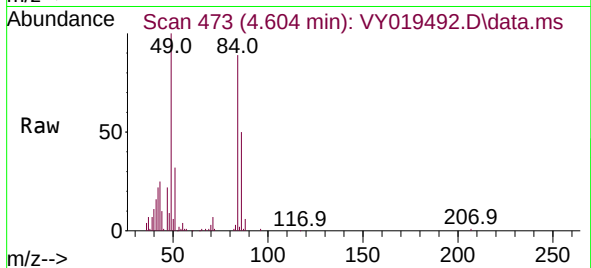
Tgt Ion: 43 Resp: 80576  
Ion Ratio Lower Upper  
43 100  
58 27.4 31.7 47.5#



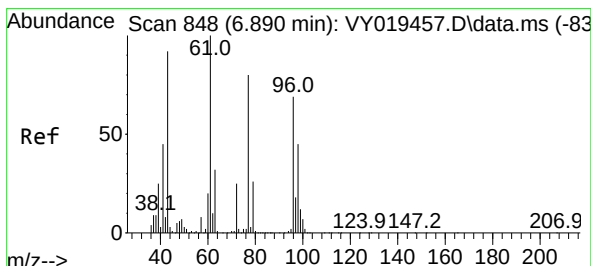
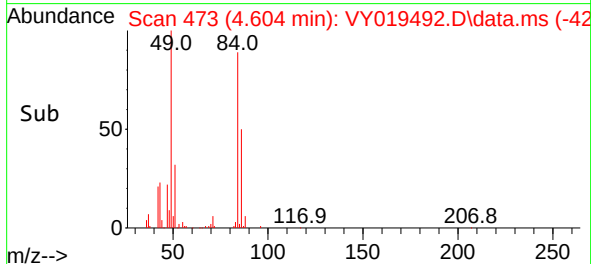
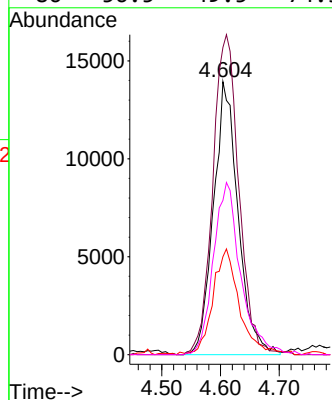


#20  
Methylene Chloride  
Concen: 10.793 ug/l  
RT: 4.604 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

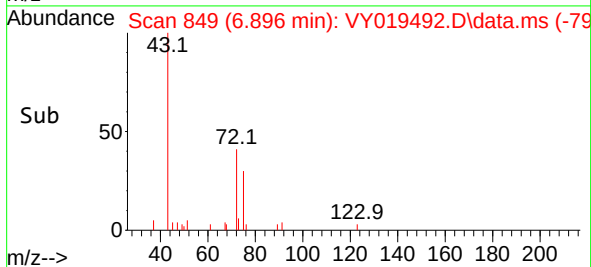
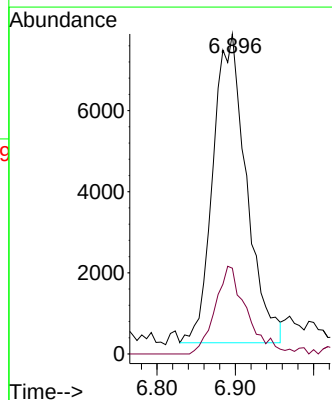
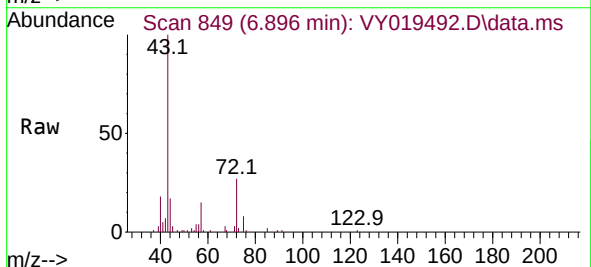


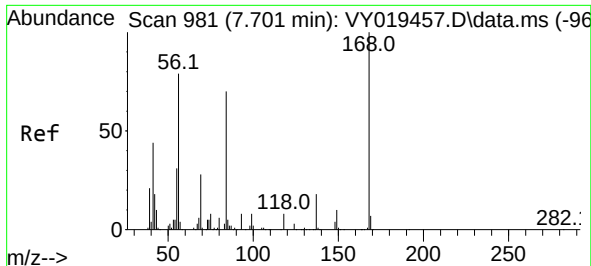
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|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 40593 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 112.5 | 84.4  | 126.6 |
| 51       | 34.9  | 26.0  | 39.0  |
| 86       | 56.5  | 49.5  | 74.3  |



#25  
2-Butanone  
Concen: 19.220 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

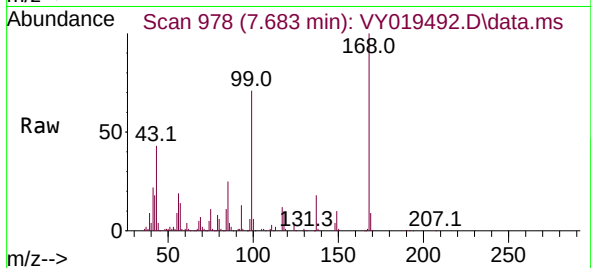
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 22545 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 27.8  | 27.3  | 40.9  |



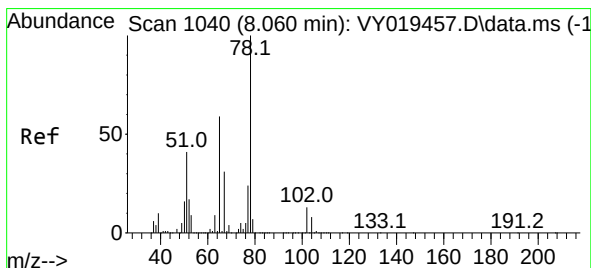
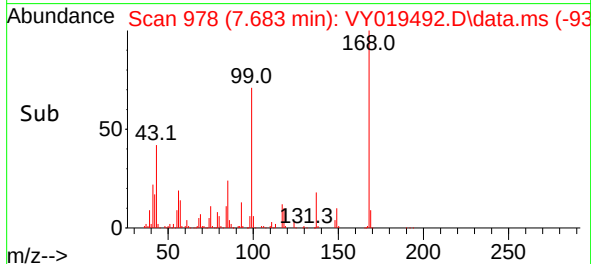
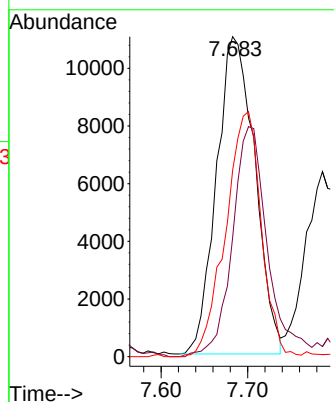


#31  
Cyclohexane  
Concen: 5.469 ug/l  
RT: 7.683 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Instrument :  
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ClientSampleId :

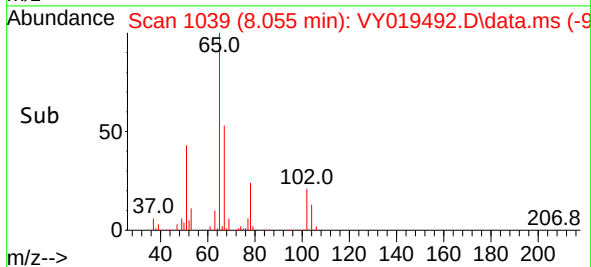
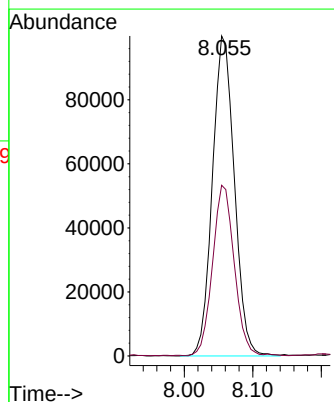
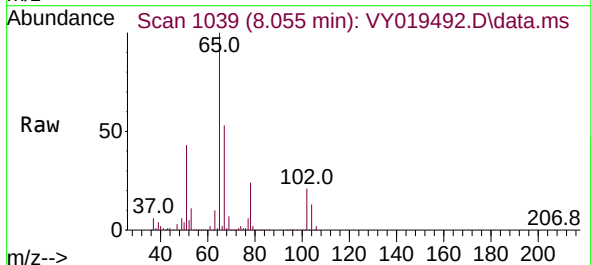


Tgt Ion: 56 Resp: 33884  
Ion Ratio Lower Upper  
56 100  
69 37.7 28.7 43.1  
84 58.8 77.7 116.5#

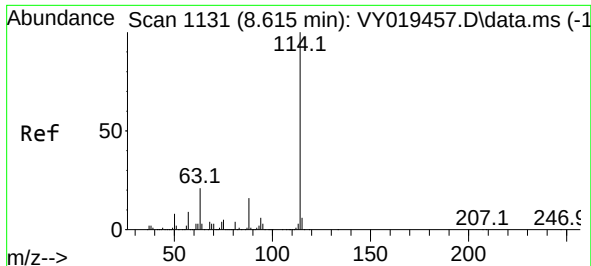


#33  
1,2-Dichloroethane-d4  
Concen: 64.242 ug/l  
RT: 8.055 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 65 Resp: 222397  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 109.6







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

ClientSampleId :

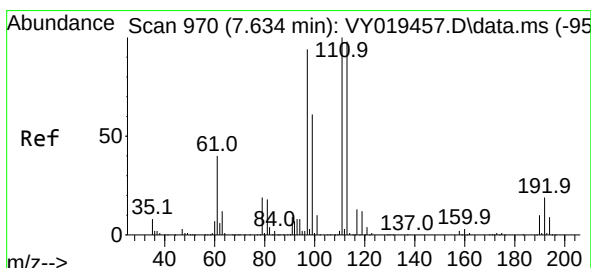
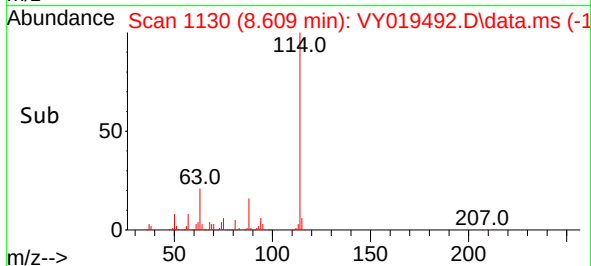
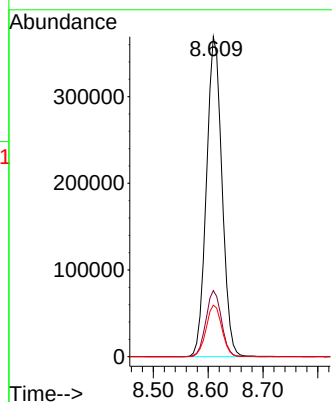
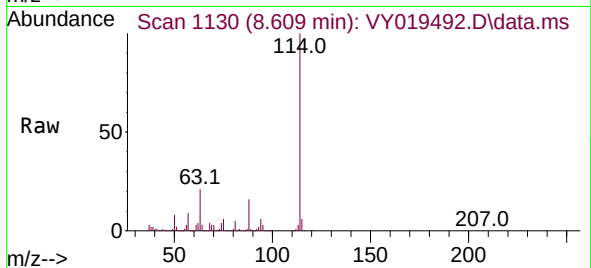
Tgt Ion:114 Resp: 723830

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.715 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

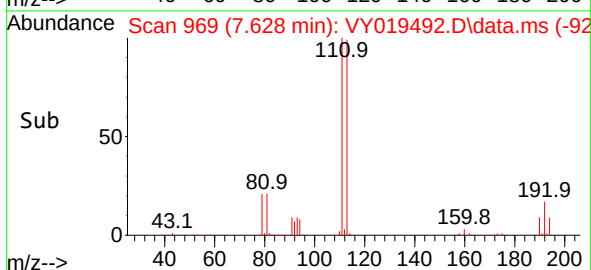
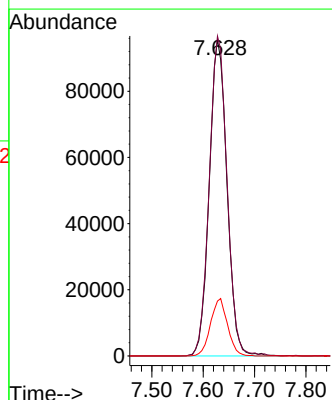
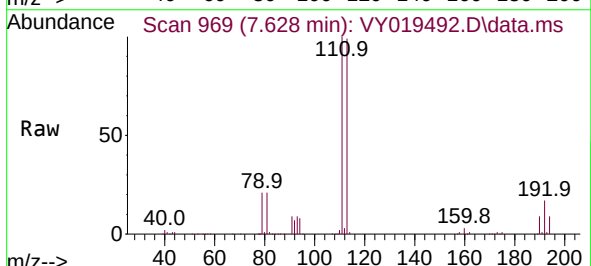
Tgt Ion:113 Resp: 228655

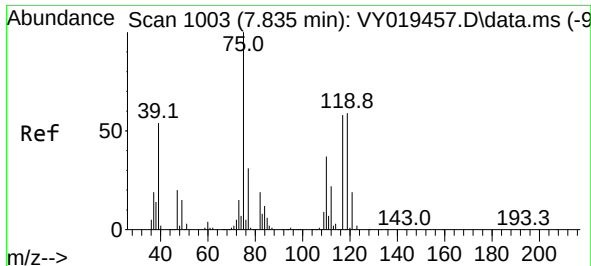
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.768 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.134 min

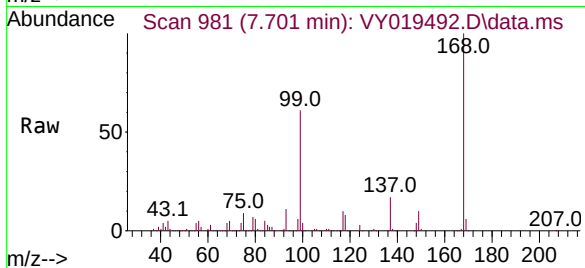
Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

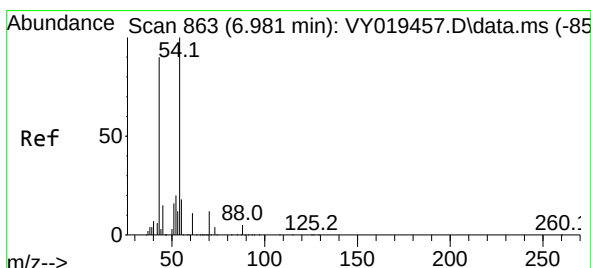
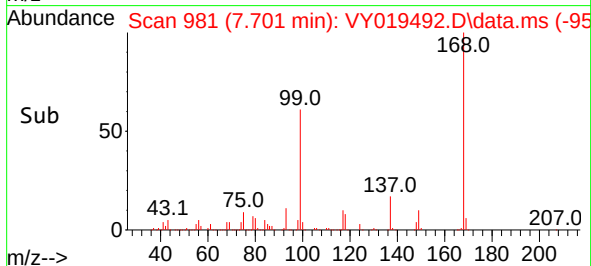
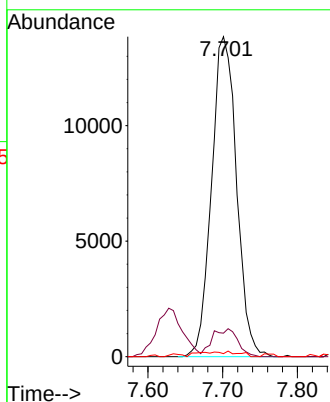
Instrument :

MSVOA\_Y

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 32210 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.9   | 19.0  | 57.0# |
| 77        | 0.0   | 25.3  | 37.9# |



#37

Ethyl Acetate

Concen: 7.879 ug/l

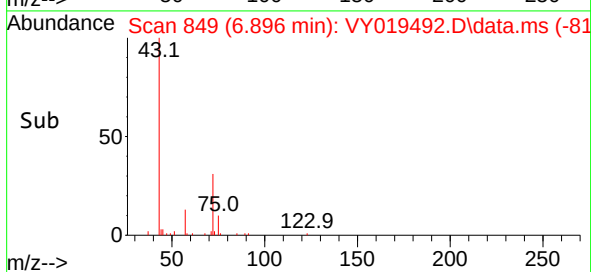
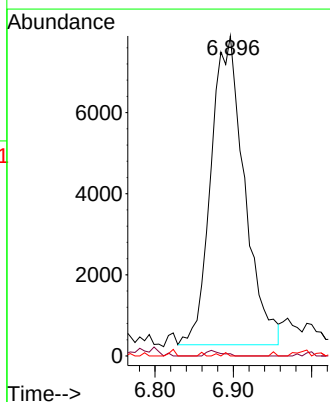
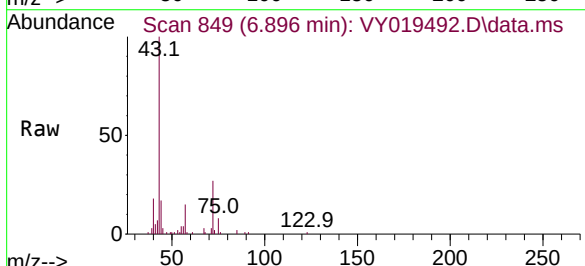
RT: 6.896 min Scan# 849

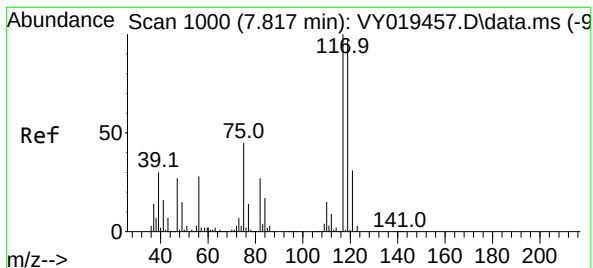
Delta R.T. -0.085 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 22545 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 0.0   | 12.6  | 19.0# |
| 70        | 0.2   | 7.8   | 11.8# |





#38

Carbon Tetrachloride

Concen: 6.145 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

ClientSampleId :

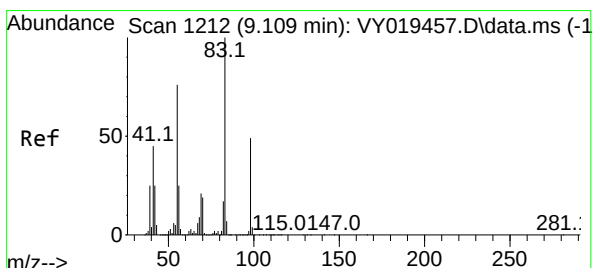
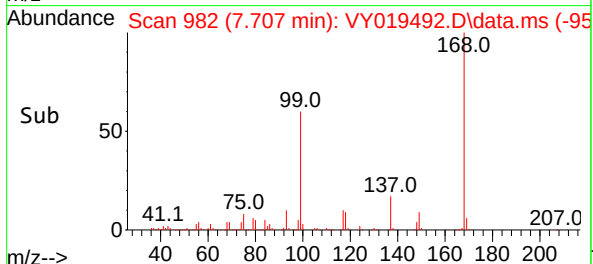
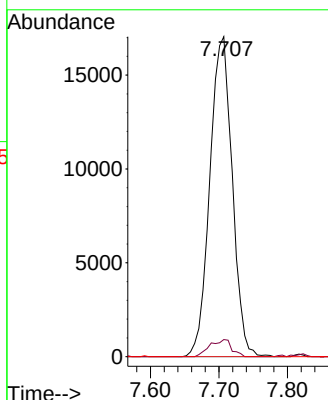
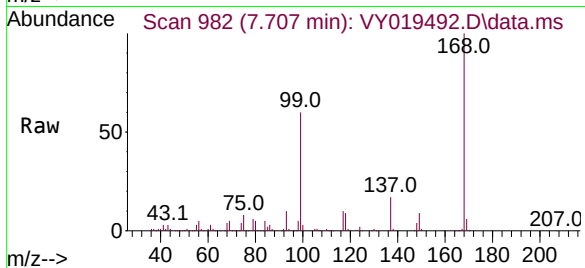
Tgt Ion:117 Resp: 38698

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#



#39

Methylcyclohexane

Concen: 4.796 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

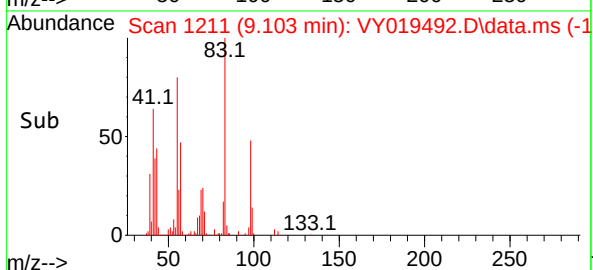
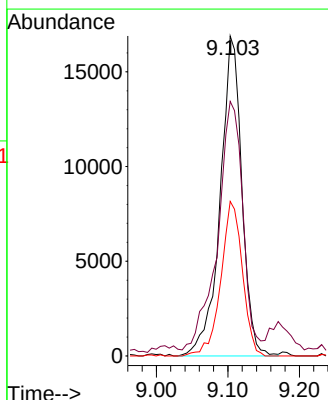
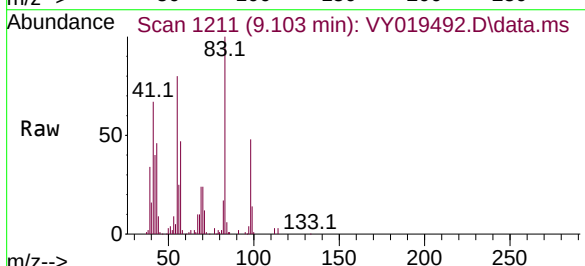
Tgt Ion: 83 Resp: 35643

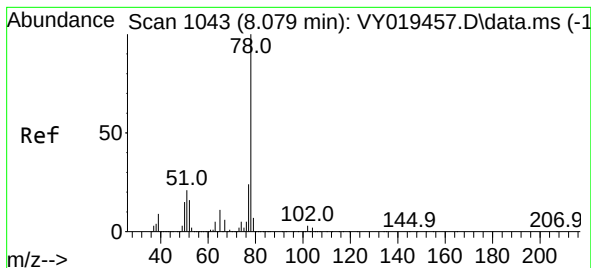
Ion Ratio Lower Upper

83 100

55 77.5 51.5 77.3#

98 48.3 40.5 60.7





#40

Benzene

Concen: 9.091 ug/l

RT: 8.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

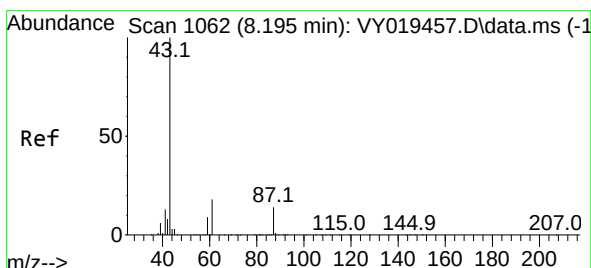
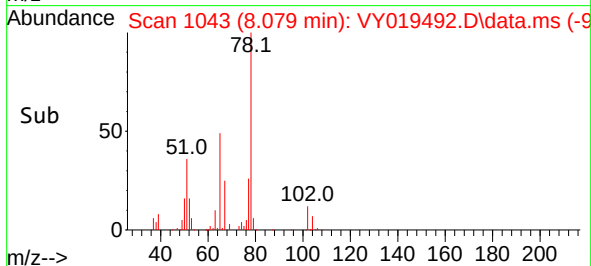
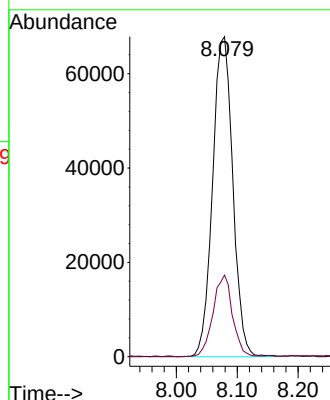
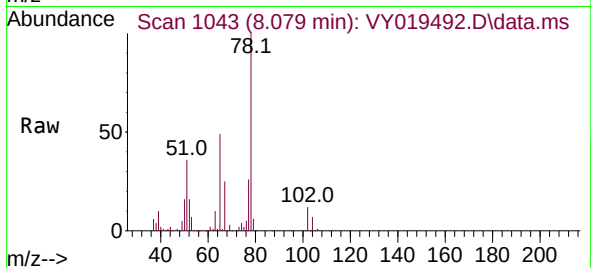
ClientSampleId :

Tgt Ion: 78 Resp: 156365

Ion Ratio Lower Upper

78 100

77 25.5 19.5 29.3



#43

Isopropyl Acetate

Concen: 2.015 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

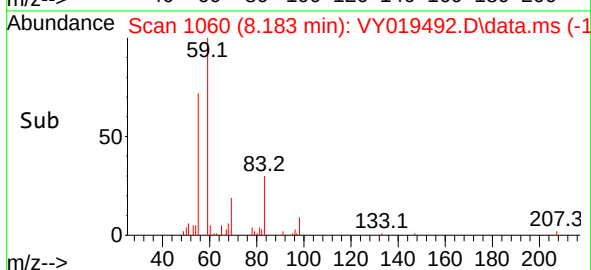
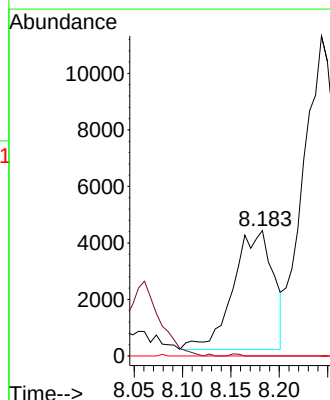
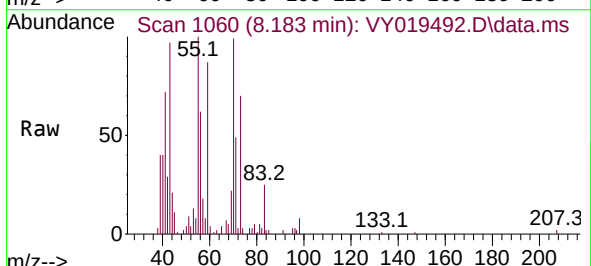
Tgt Ion: 43 Resp: 12111

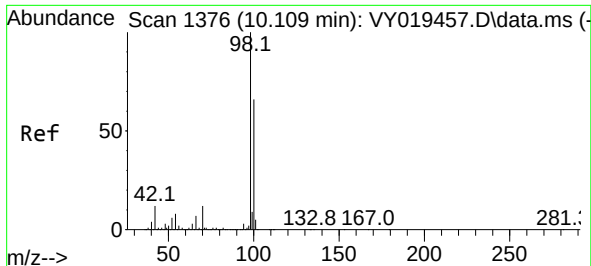
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#

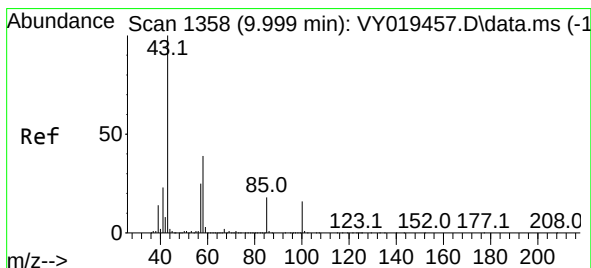
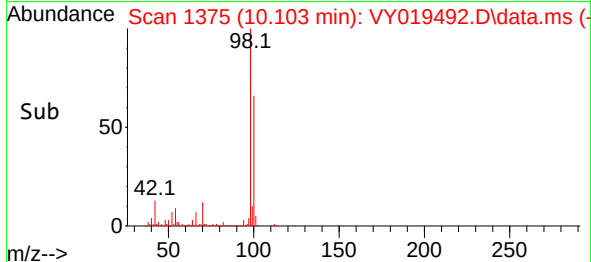
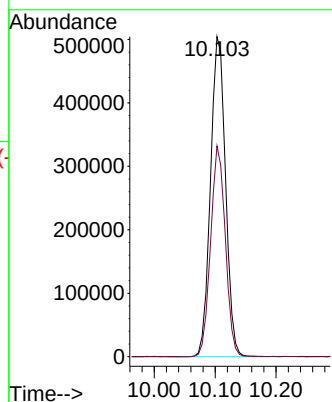
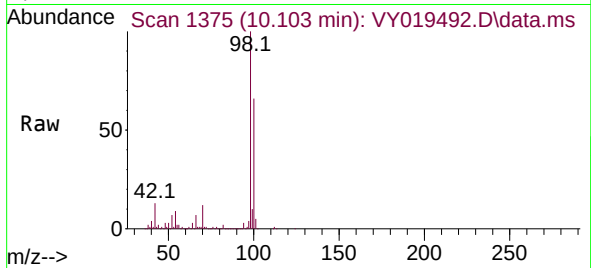




#50  
Toluene-d8  
Concen: 56.988 ug/l  
RT: 10.103 min Scan# 1375  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

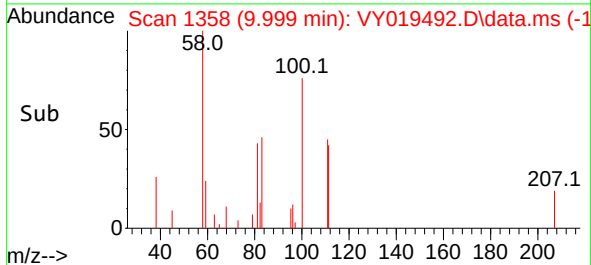
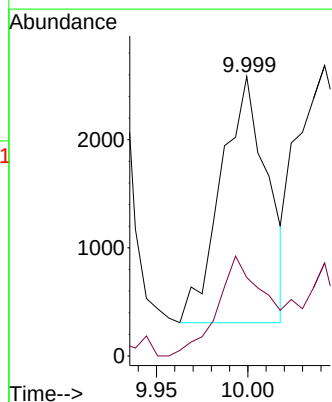
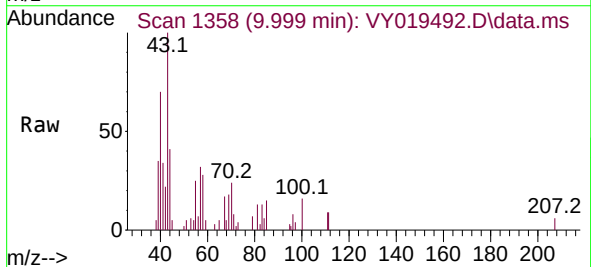
Instrument :  
MSVOA\_Y  
ClientSampleId :

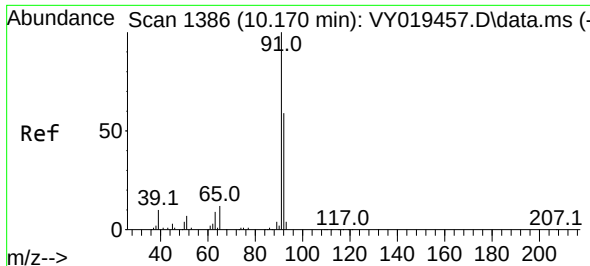
Tgt Ion: 98 Resp: 865060  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 1.327 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 43 Resp: 4014  
Ion Ratio Lower Upper  
43 100  
58 41.8 35.7 53.5

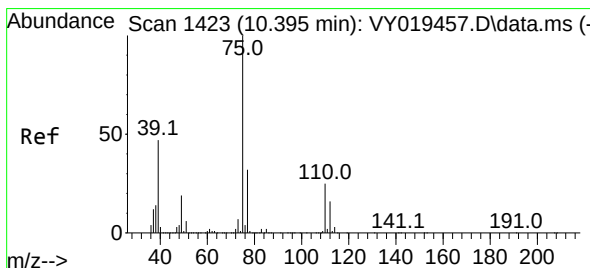
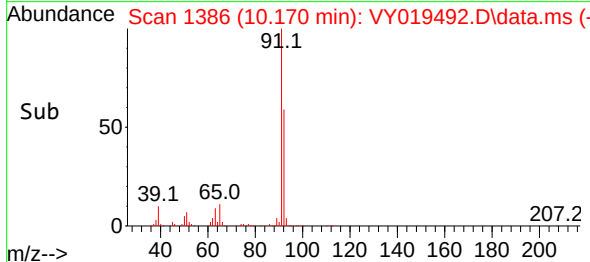
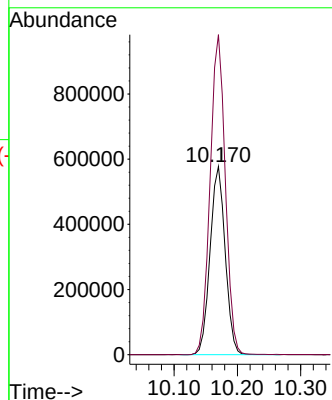
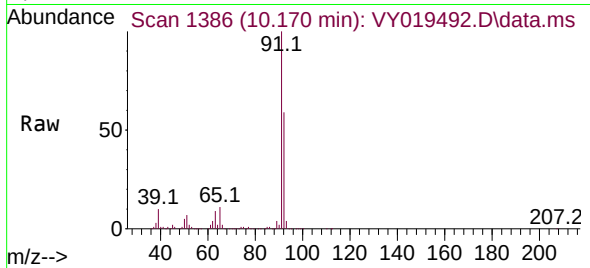




#52  
Toluene  
Concen: 86.753 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

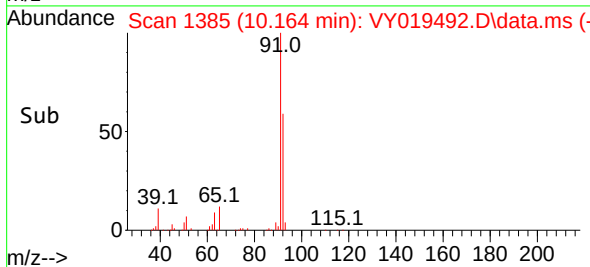
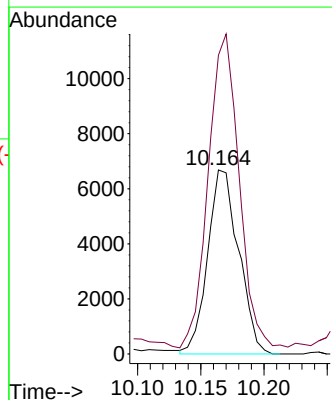
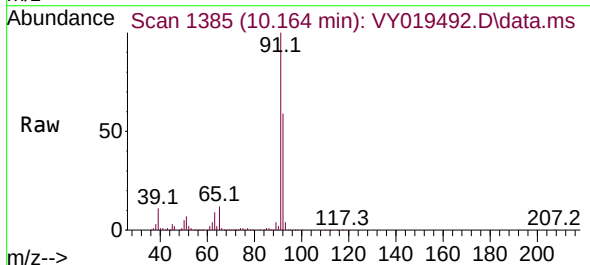
Instrument :  
MSVOA\_Y  
ClientSampleId :

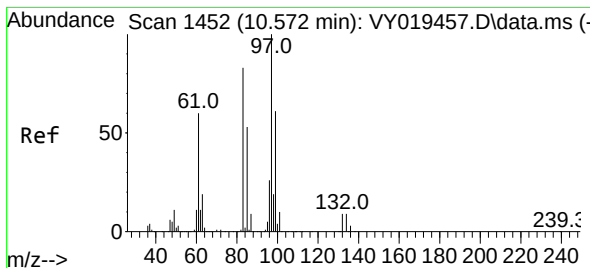
Tgt Ion: 92 Resp: 959665  
Ion Ratio Lower Upper  
92 100  
91 170.6 139.0 208.6



#53  
t-1,3-Dichloropropene  
Concen: 1.935 ug/l  
RT: 10.164 min Scan# 1385  
Delta R.T. -0.231 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

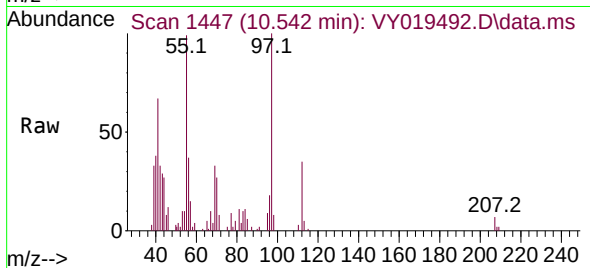
Tgt Ion: 75 Resp: 11399  
Ion Ratio Lower Upper  
75 100  
77 159.1 24.1 36.1#



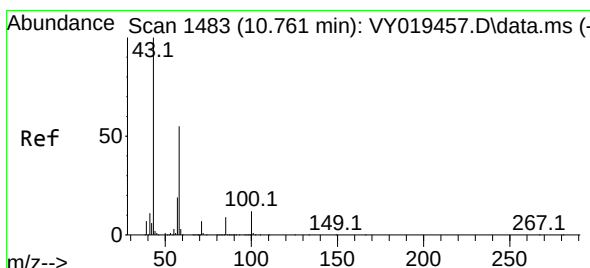
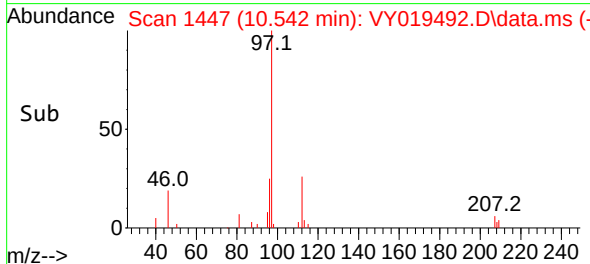
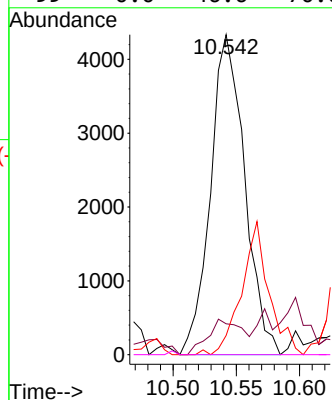


#55  
1,1,2-Trichloroethane  
Concen: 2.567 ug/l  
RT: 10.542 min Scan# 1452  
Delta R.T. -0.030 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

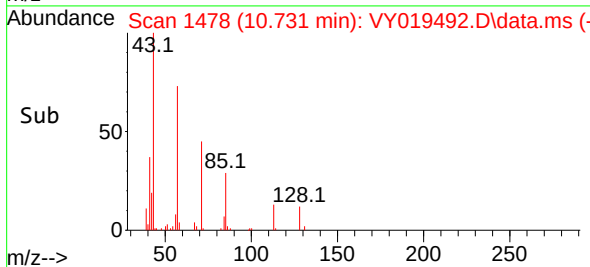
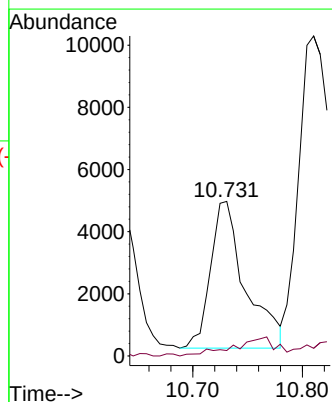
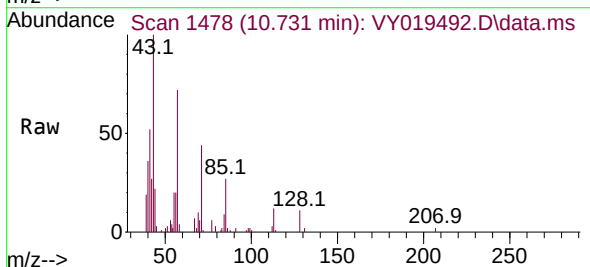


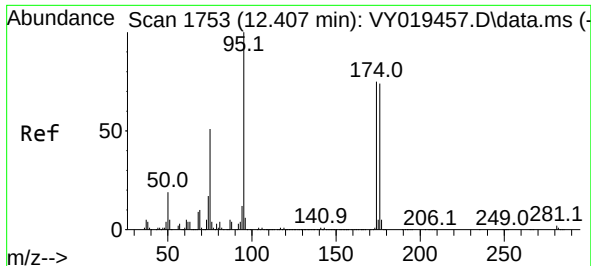
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 8150  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 9.6      | 67.5 101.3# |
| 85 6.0      | 42.9 64.3#  |
| 99 0.0      | 46.6 70.0#  |



#59  
2-Hexanone  
Concen: 4.699 ug/l  
RT: 10.731 min Scan# 1478  
Delta R.T. -0.030 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 10419 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 0.0      | 31.4 94.0#  |

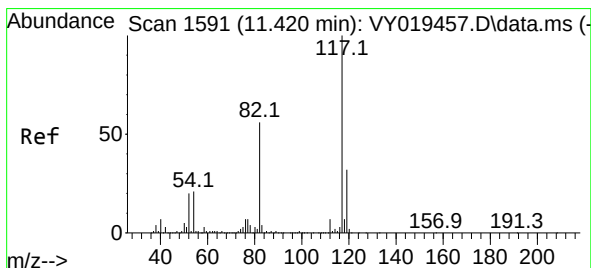
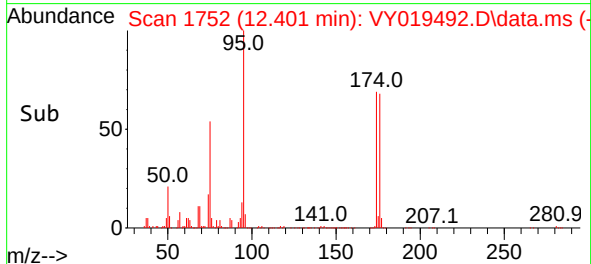
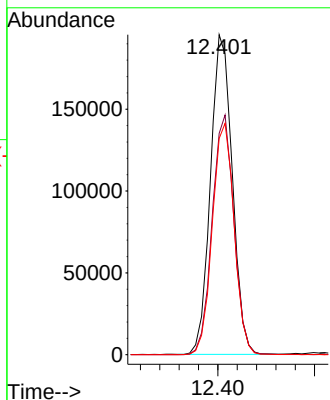
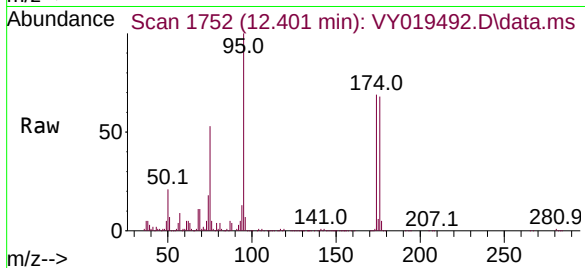




#62  
4-Bromofluorobenzene  
Concen: 52.330 ug/l  
RT: 12.401 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

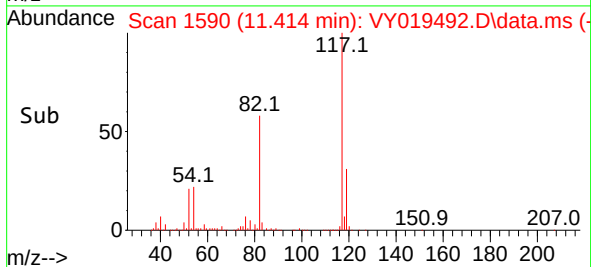
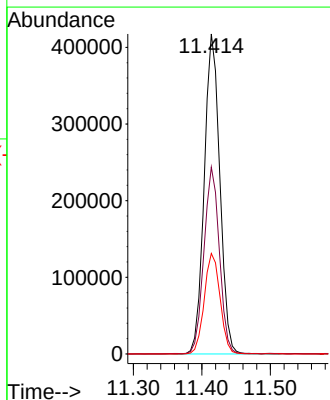
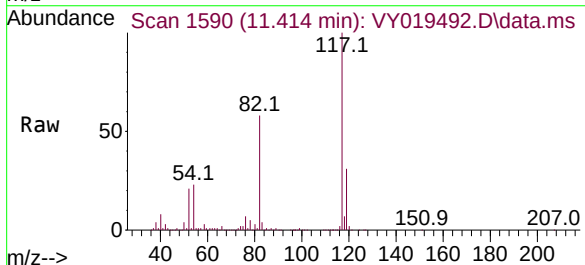
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 95 Resp: 305436  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 175.6  
176 72.3 0.0 171.4

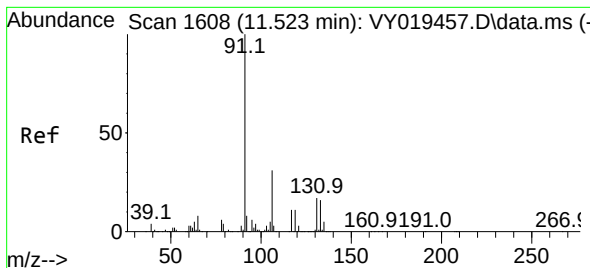


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 117 Resp: 661538  
Ion Ratio Lower Upper  
117 100  
82 58.3 42.4 63.6  
119 31.4 25.9 38.9







#67

Ethyl Benzene

Concen: 33.171 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

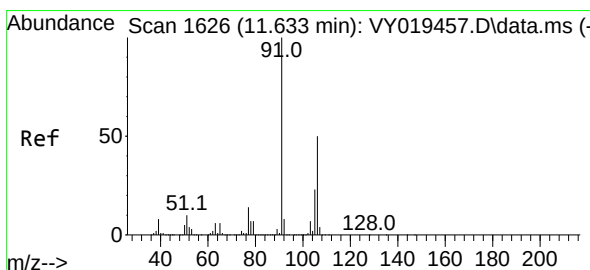
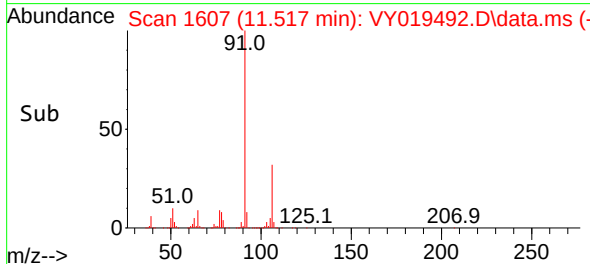
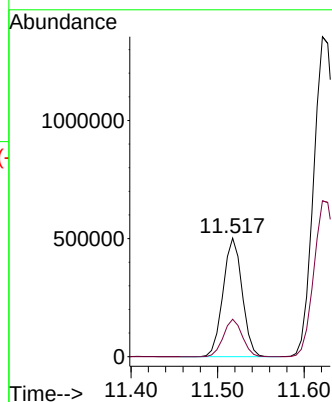
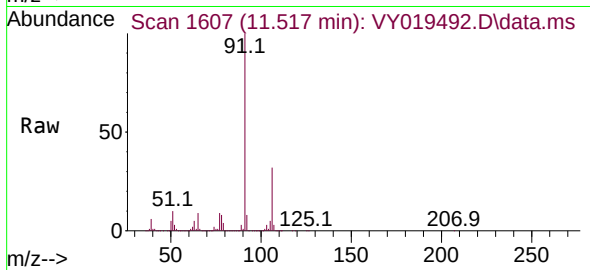
ClientSampleId :

Tgt Ion: 91 Resp: 766979

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 138.175 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019492.D

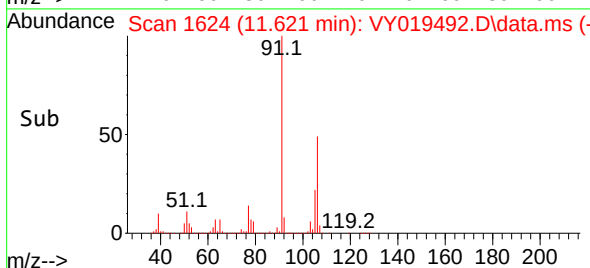
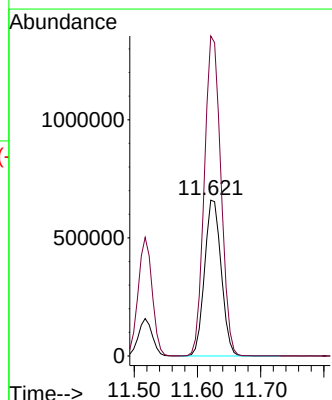
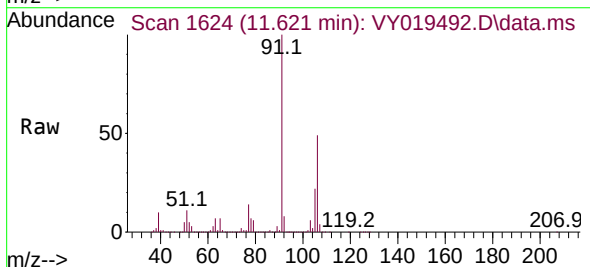
Acq: 10 Sep 2024 16:57

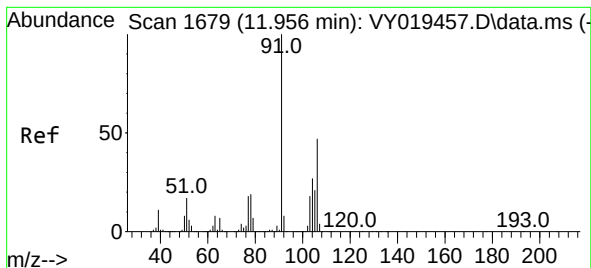
Tgt Ion:106 Resp: 1208041

Ion Ratio Lower Upper

106 100

91 204.6 156.0 234.0





#69

o-Xylene

Concen: 48.102 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

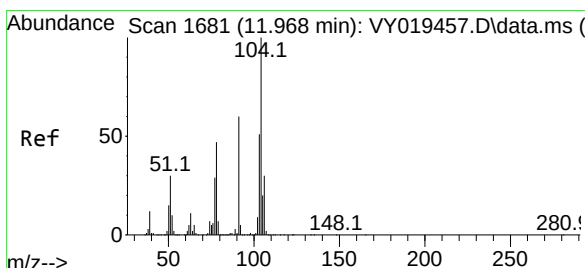
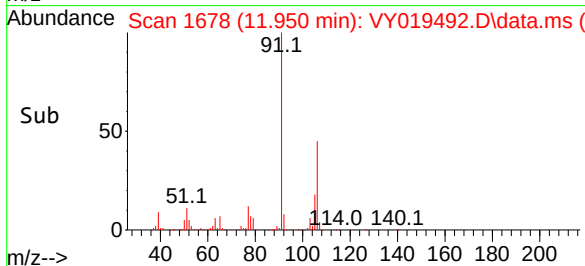
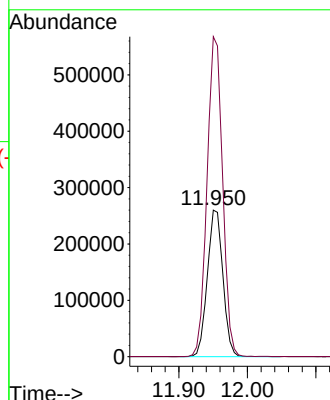
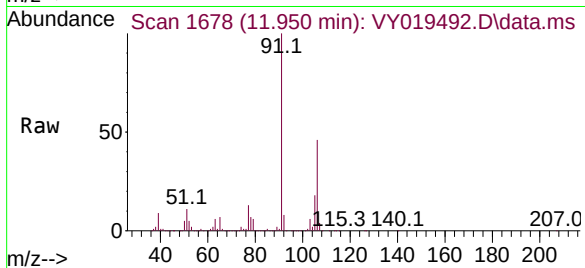
ClientSampleId :

Tgt Ion:106 Resp: 411283

Ion Ratio Lower Upper

106 100

91 218.2 103.6 310.8



#70

Styrene

Concen: 1.606 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.018 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

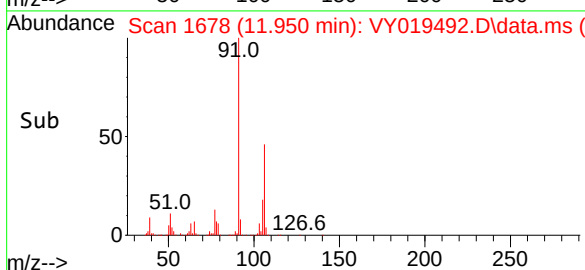
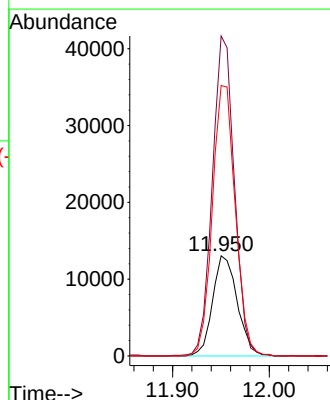
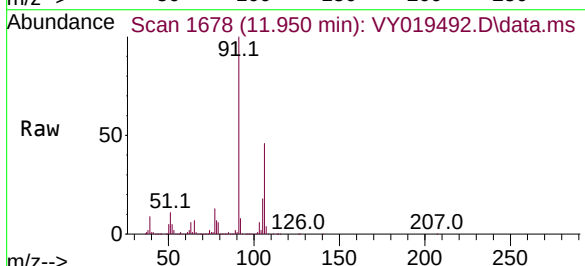
Tgt Ion:104 Resp: 23184

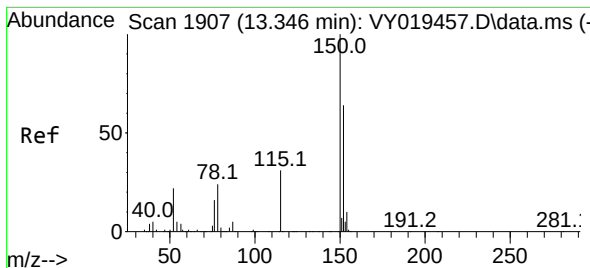
Ion Ratio Lower Upper

104 100

78 284.4 37.0 55.4#

103 251.1 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

ClientSampleId :

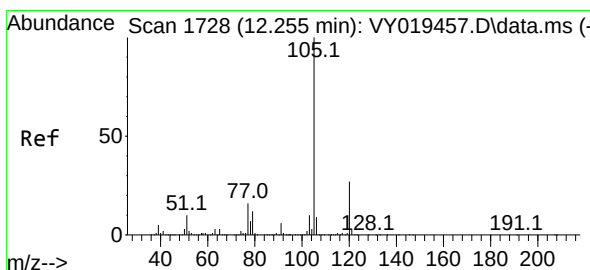
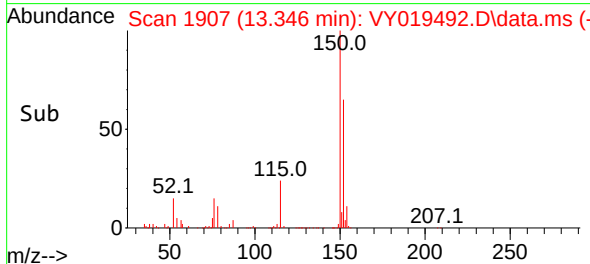
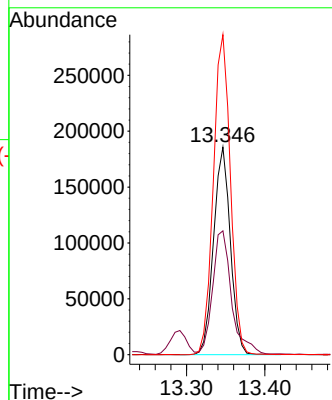
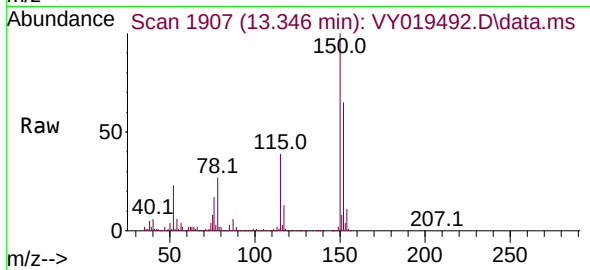
Tgt Ion:152 Resp: 276231

Ion Ratio Lower Upper

152 100

115 67.9 28.2 84.7

150 156.8 0.0 345.6



#73

Isopropylbenzene

Concen: 3.535 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019492.D

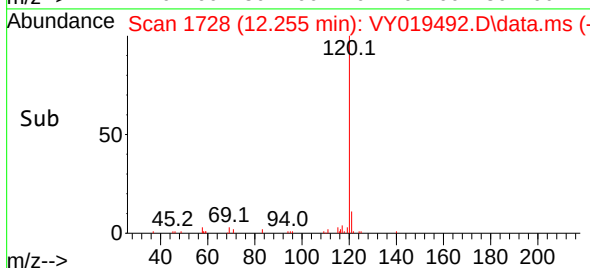
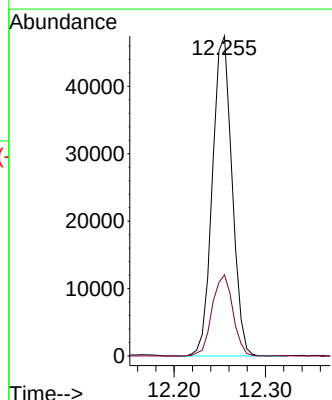
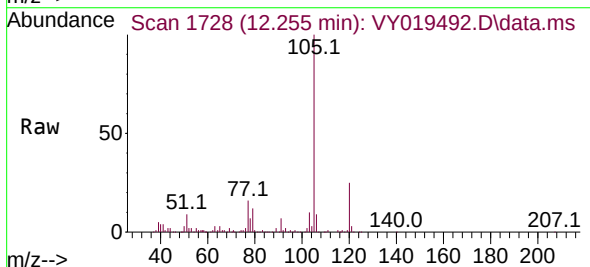
Acq: 10 Sep 2024 16:57

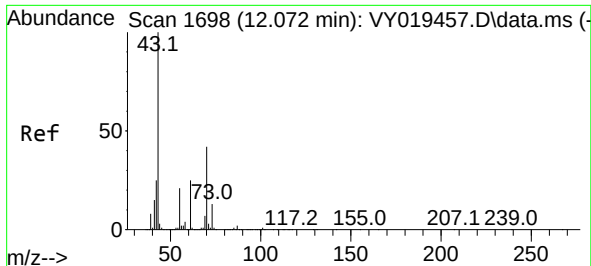
Tgt Ion:105 Resp: 70833

Ion Ratio Lower Upper

105 100

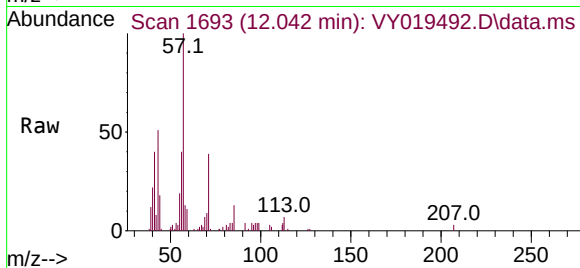
120 26.8 13.4 40.1



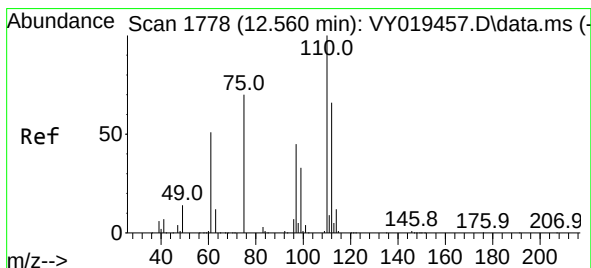
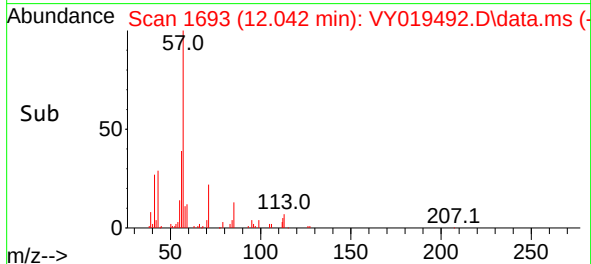
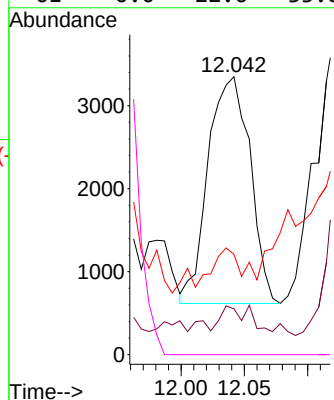


#74  
N-amy1 acetate  
Concen: 1.156 ug/l  
RT: 12.042 min Scan# 1  
Delta R.T. -0.030 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

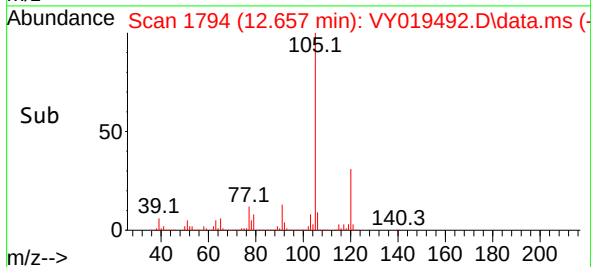
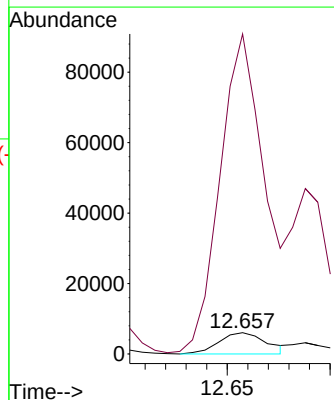
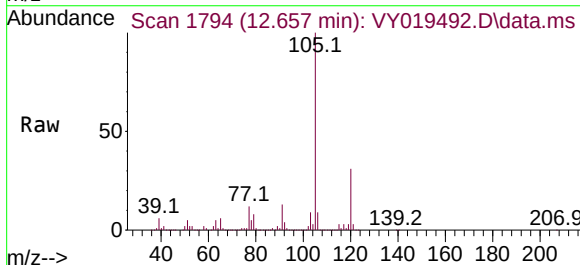


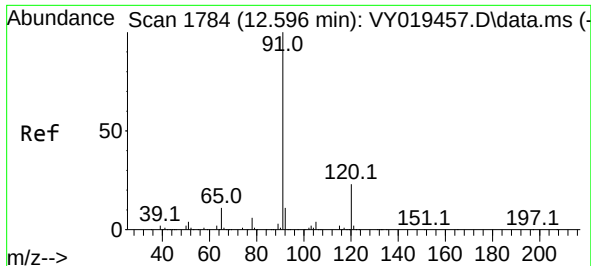
Tgt Ion: 43 Resp: 6303  
Ion Ratio Lower Upper  
43 100  
70 7.3 41.4 62.2#  
55 11.3 23.3 34.9#  
61 0.0 22.6 33.8#



#76  
1,2,3-Trichloropropane  
Concen: 3.739 ug/l  
RT: 12.657 min Scan# 1794  
Delta R.T. 0.098 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 75 Resp: 9680  
Ion Ratio Lower Upper  
75 100  
77 1404.8 0.0 0.0#

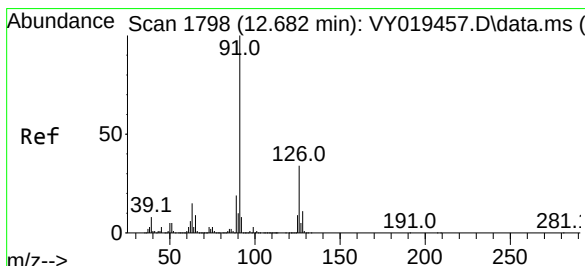
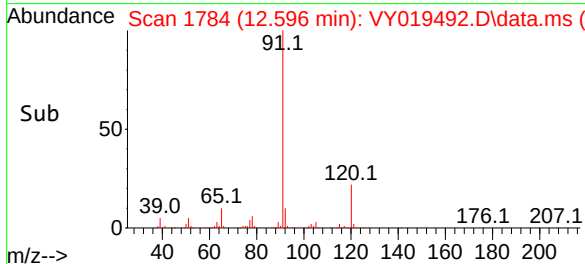
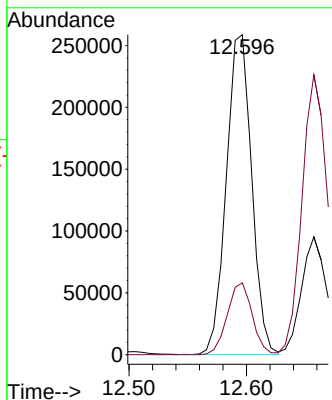
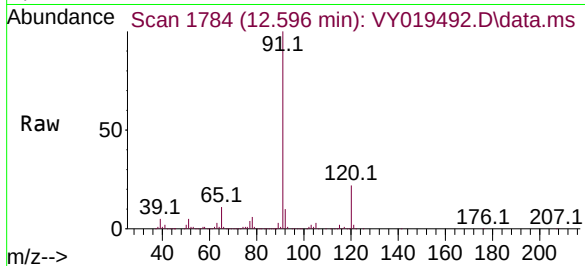




#78  
n-propylbenzene  
Concen: 16.370 ug/l  
RT: 12.596 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

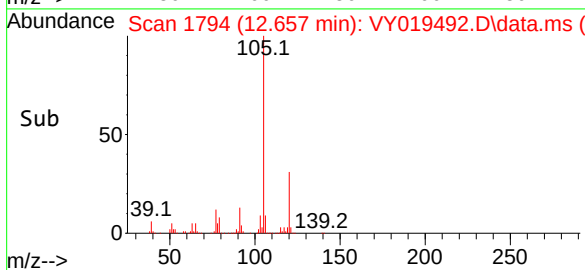
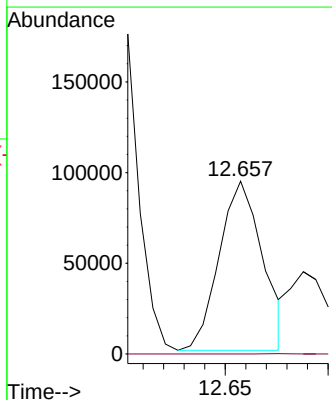
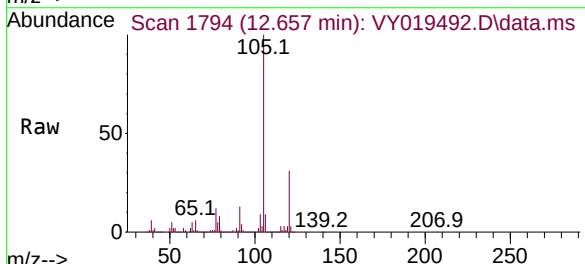
Instrument :  
MSVOA\_Y  
ClientSampleId :

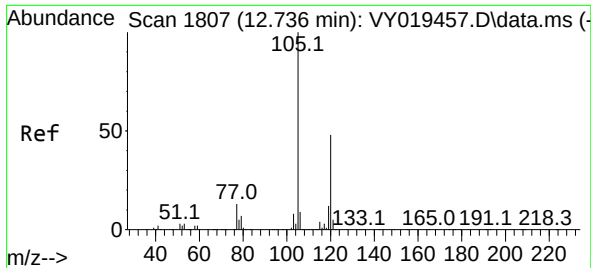
Tgt Ion: 91 Resp: 388826  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 9.908 ug/l  
RT: 12.657 min Scan# 1794  
Delta R.T. -0.024 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 91 Resp: 137151  
Ion Ratio Lower Upper  
91 100  
126 0.1 17.8 53.5#

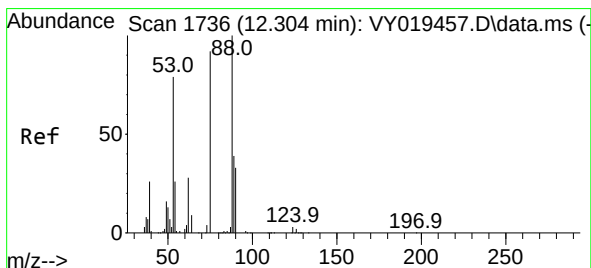
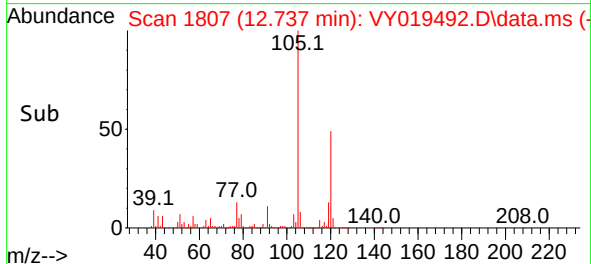
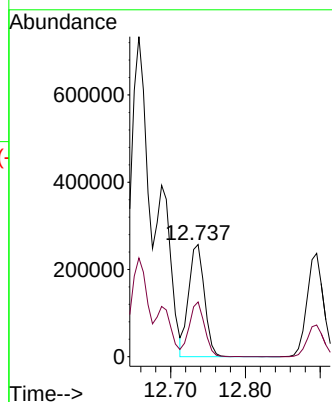
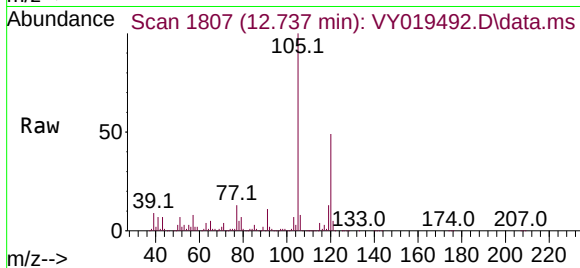




#80  
1,3,5-Trimethylbenzene  
Concen: 22.991 ug/l  
RT: 12.737 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

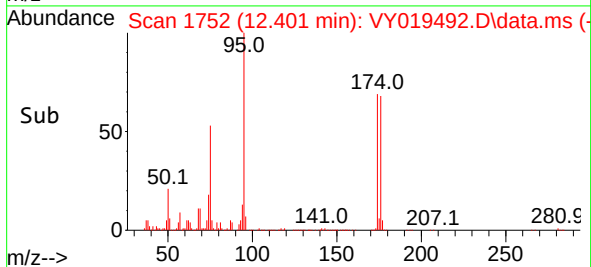
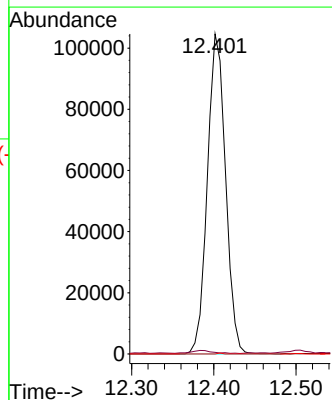
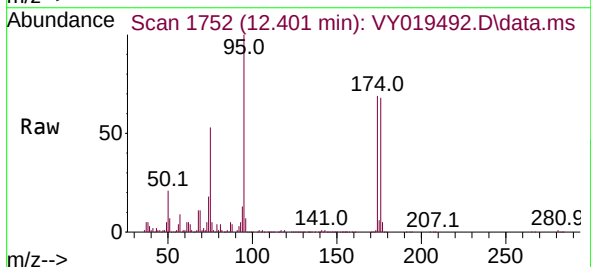
Instrument :  
MSVOA\_Y  
ClientSampleId :

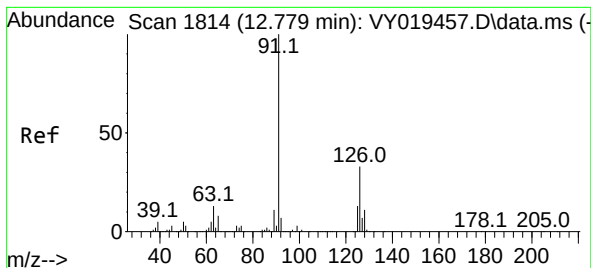
Tgt Ion:105 Resp: 374563  
Ion Ratio Lower Upper  
105 100  
120 47.5 25.1 75.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 119.212 ug/l  
RT: 12.401 min Scan# 1752  
Delta R.T. 0.098 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 75 Resp: 160779  
Ion Ratio Lower Upper  
75 100  
53 1.1 66.8 100.2#  
89 0.0 35.8 53.6#





#82

4-Chlorotoluene

Concen: 2.910 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.042 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

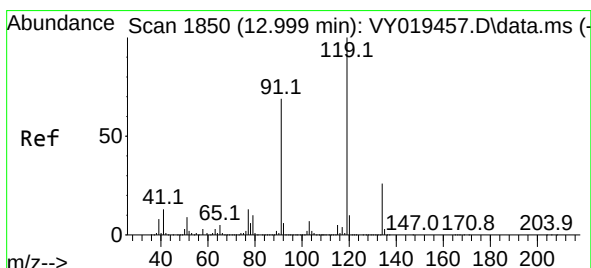
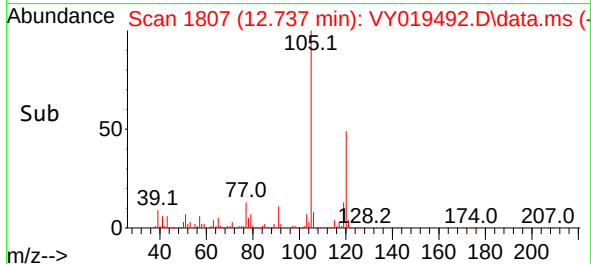
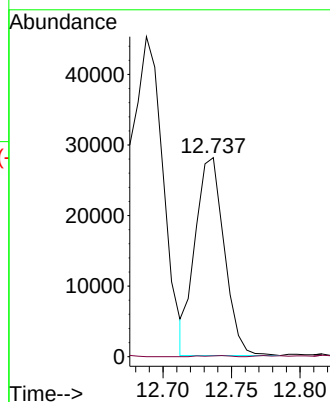
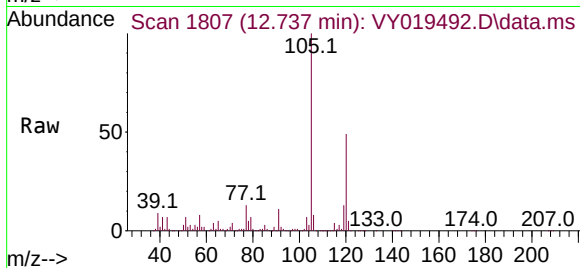
ClientSampleId :

Tgt Ion: 91 Resp: 41412

Ion Ratio Lower Upper

91 100

126 0.5 17.6 52.9#



#83

tert-Butylbenzene

Concen: 13.969 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.043 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

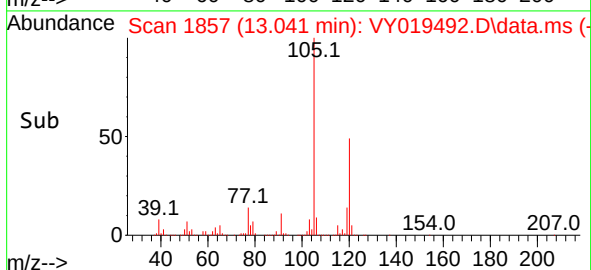
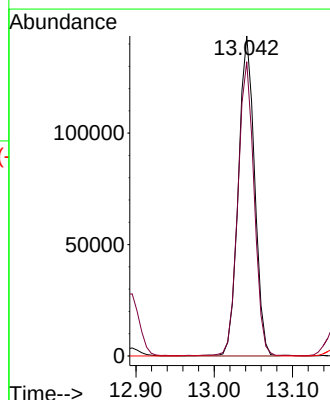
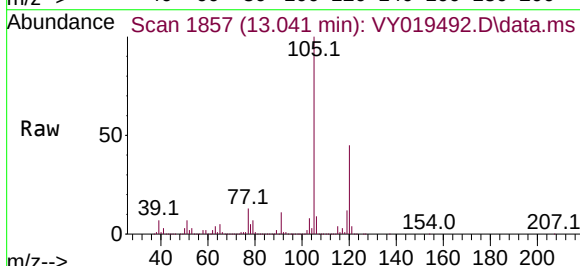
Tgt Ion: 119 Resp: 206024

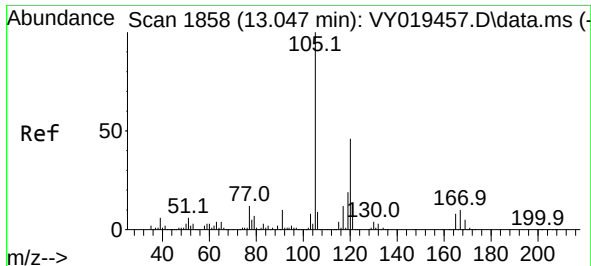
Ion Ratio Lower Upper

119 100

91 92.1 31.3 93.8

134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 107.442 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

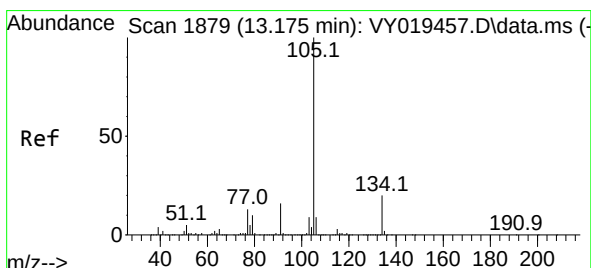
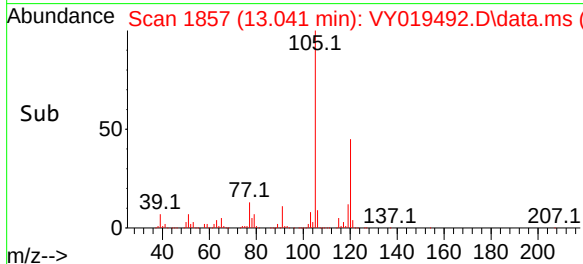
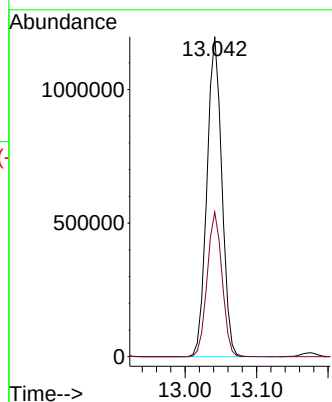
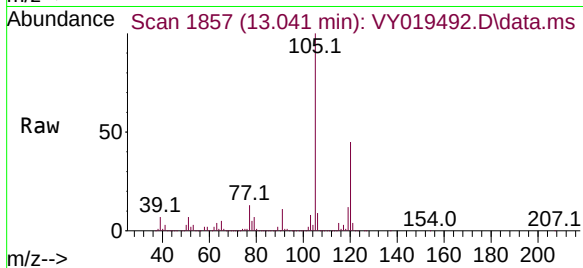
ClientSampleId :

Tgt Ion:105 Resp: 1732638

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.6



#85

sec-Butylbenzene

Concen: 80.868 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.134 min

Lab File: VY019492.D

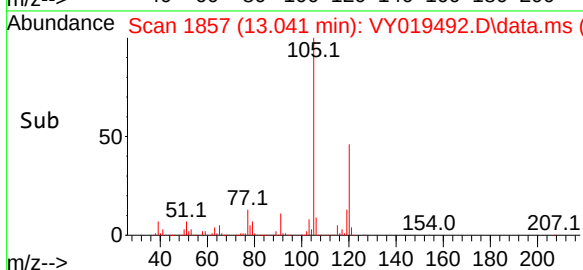
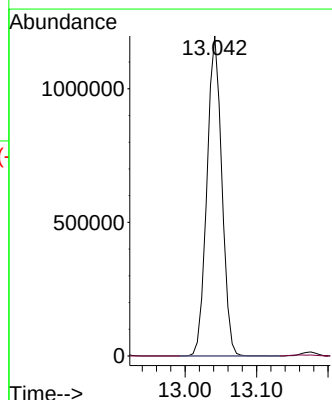
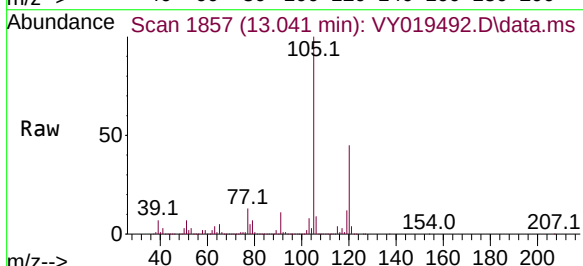
Acq: 10 Sep 2024 16:57

Tgt Ion:105 Resp: 1732638

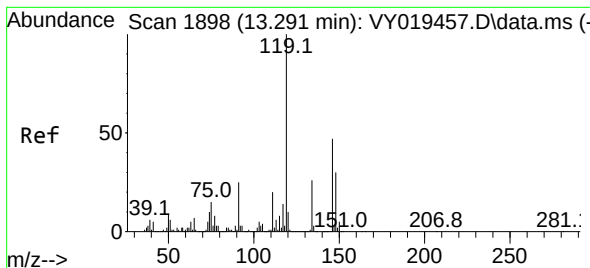
Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



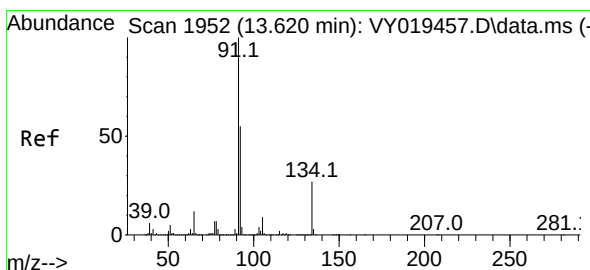
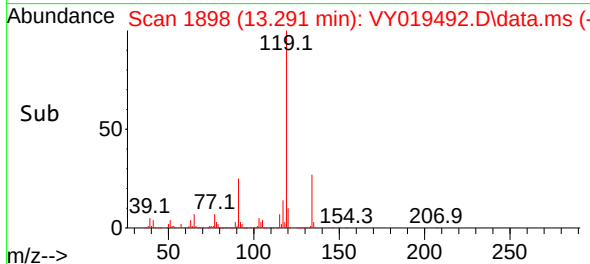
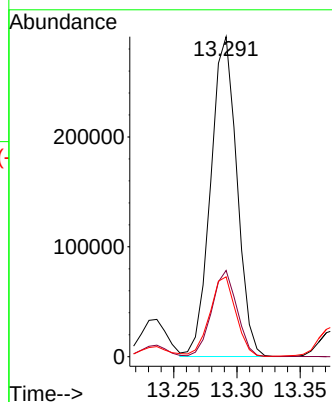
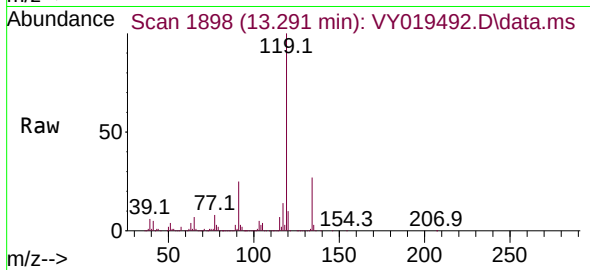




#86  
p-Isopropyltoluene  
Concen: 23.920 ug/l  
RT: 13.291 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

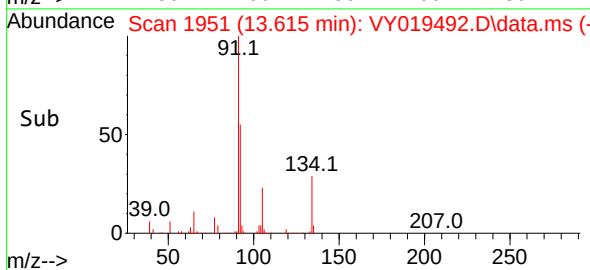
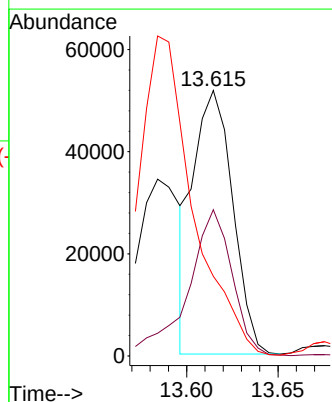
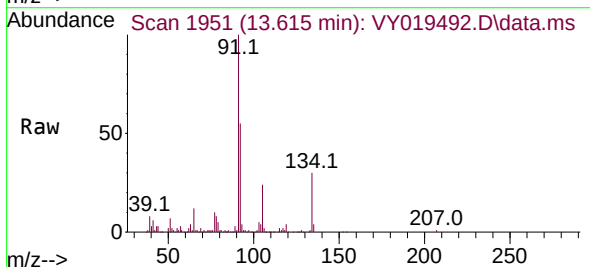
Instrument :  
MSVOA\_Y  
ClientSampleId :

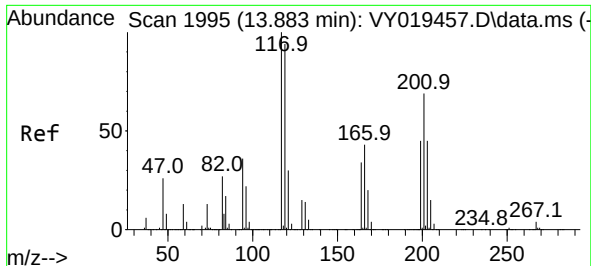
Tgt Ion:119 Resp: 419317  
Ion Ratio Lower Upper  
119 100  
134 25.8 13.1 39.3  
91 24.5 10.7 32.1



#89  
n-Butylbenzene  
Concen: 4.599 ug/l  
RT: 13.615 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 91 Resp: 77068  
Ion Ratio Lower Upper  
91 100  
92 62.4 26.6 79.7  
134 0.0 12.9 38.7#

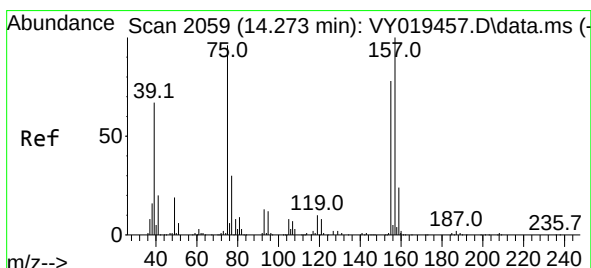
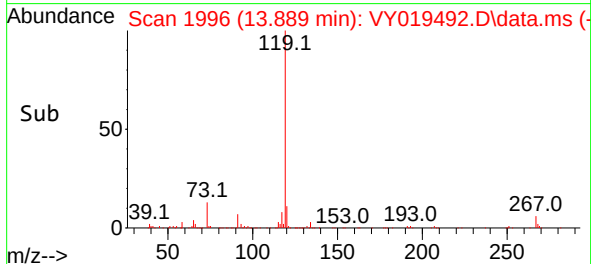
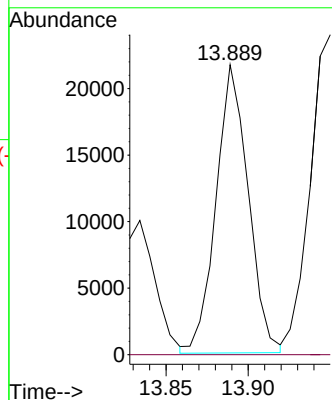
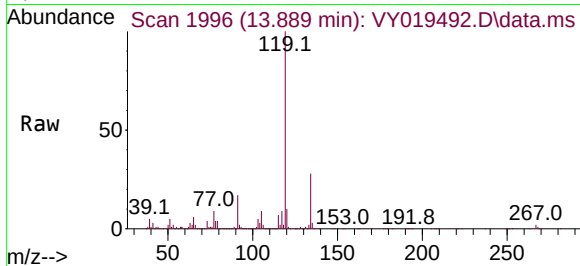




#90  
Hexachloroethane  
Concen: 8.077 ug/l  
RT: 13.889 min Scan# 1995  
Delta R.T. 0.006 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

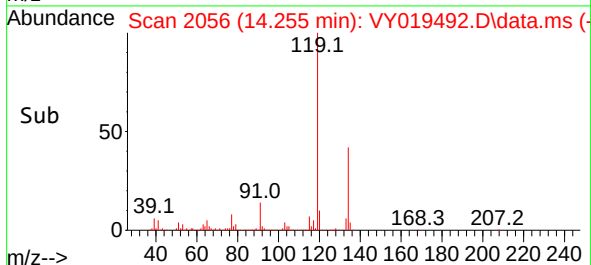
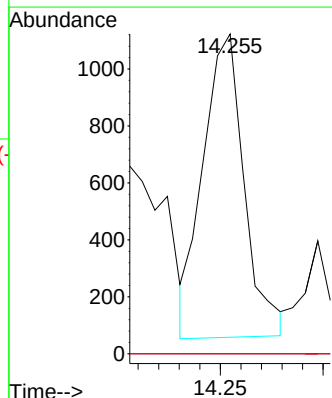
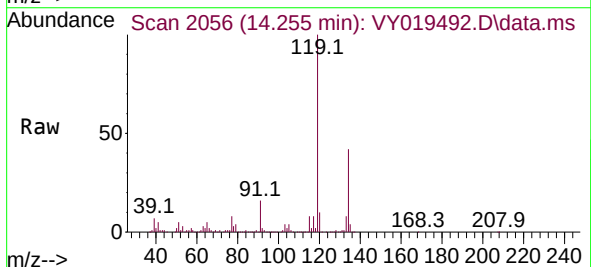
Instrument :  
MSVOA\_Y  
ClientSampleId :

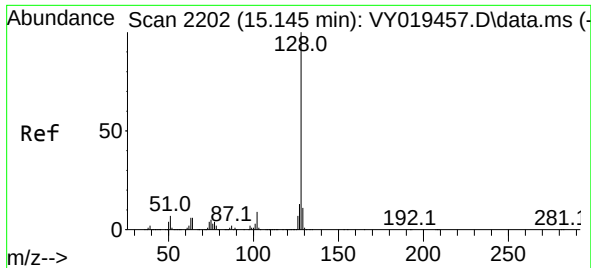
Tgt Ion:117 Resp: 29461  
Ion Ratio Lower Upper  
117 100  
201 0.0 37.4 112.2#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.500 ug/l  
RT: 14.255 min Scan# 2056  
Delta R.T. -0.018 min  
Lab File: VY019492.D  
Acq: 10 Sep 2024 16:57

Tgt Ion: 75 Resp: 1482  
Ion Ratio Lower Upper  
75 100  
155 0.0 48.6 145.8#  
157 0.0 62.7 188.2#





#95

Naphthalene

Concen: 22.578 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

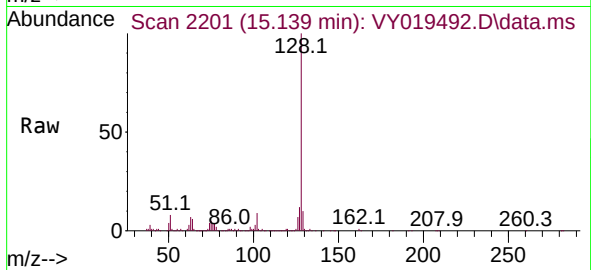
Lab File: VY019492.D

Acq: 10 Sep 2024 16:57

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion:128 Resp: 211936

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.6 13.0

