

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110321\  
 Data File : VY006605.D  
 Acq On : 03 Nov 2021 16:20  
 Operator : SY/MD  
 Sample : M4427-05RE  
 Misc : 3.01G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 FDR-BH-4-20211029-7.5-8SRE

Quant Time: Nov 03 21:21:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 23 06:59:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 7.801          | 168  | 49206      | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697          | 114  | 74936      | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.496         | 117  | 43927      | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428         | 152  | 4725       | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.149          | 65   | 28159      | 46.504    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = | 93.000%   |        |          |
| 35) Dibromofluoromethane      | 7.728          | 113  | 21521      | 51.526    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = | 103.060%  |        |          |
| 50) Toluene-d8                | 10.185         | 98   | 89880      | 50.763    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 49 - 140 |      | Recovery = | 101.520%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.483         | 95   | 11476      | 19.241    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 25 - 144 |      | Recovery = | 38.480%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 10) Methyl Iodide             | 4.101          | 142  | 145        | 5.329     | ug/l # | 36       |
| 11) Tert butyl alcohol        | 4.948          | 59   | 3042       | 55.300    | ug/l # | 84       |
| 13) Acrolein                  | 3.735          | 56   | 73         | 1.920     | ug/l # | 14       |
| 16) Acetone                   | 3.954          | 43   | 29791      | 170.864   | ug/l   | 99       |
| 20) Methylene Chloride        | 4.729          | 84   | 948        | Below Cal | #      | 75       |
| 25) 2-Butanone                | 6.996          | 43   | 19727      | 86.362    | ug/l # | 72       |
| 30) Chloroform                | 7.472          | 83   | 1777       | 1.806     | ug/l # | 19       |
| 31) Cyclohexane               | 7.795          | 56   | 1591       | 1.623     | ug/l # | 13       |
| 36) 1,1-Dichloropropene       | 7.795          | 75   | 4470       | 6.037     | ug/l # | 48       |
| 37) Ethyl Acetate             | 6.996          | 43   | 19727      | 42.099    | ug/l # | 74       |
| 38) Carbon Tetrachloride      | 7.795          | 117  | 4926       | 6.031     | ug/l # | 16       |
| 41) Methacrylonitrile         | 7.374          | 41   | 1628       | 6.123     | ug/l # | 28       |
| 47) Bromodichloromethane      | 9.490          | 83   | 2128       | 2.849     | ug/l # | 26       |
| 48) Methyl methacrylate       | 9.325          | 41   | 8097       | 19.219    | ug/l # | 33       |
| 51) 4-Methyl-2-Pentanone      | 10.069         | 43   | 2869       | 6.021     | ug/l # | 85       |
| 56) Ethyl methacrylate        | 10.532         | 69   | 751        | 1.224     | ug/l # | 18       |
| 59) 2-Hexanone                | 10.691         | 43   | 10225      | 29.648    | ug/l   | 79       |
| 73) Isopropylbenzene          | 12.331         | 105  | 377        | 1.141     | ug/l   | 82       |
| 74) N-amyl acetate            | 12.136         | 43   | 4634       | 42.264    | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 12.556         | 83   | 43454      | 759.408   | ug/l # | 26       |
| 76) 1,2,3-Trichloropropane    | 12.483         | 75   | 6997       | 143.705   | ug/l # | 100      |
| 78) n-propylbenzene           | 12.672         | 91   | 535        | 1.310     | ug/l   | 78       |
| 79) 2-Chlorotoluene           | 12.794         | 91   | 1237       | 5.470     | ug/l # | 41       |
| 81) trans-1,4-Dichloro-2-b... | 12.483         | 75   | 6997       | 295.022   | ug/l # | 26       |
| 82) 4-Chlorotoluene           | 13.075         | 91   | 386763     | 1641.403  | ug/l # | 42       |
| 83) tert-Butylbenzene         | 13.075         | 119  | 543174     | 2283.916  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.075         | 105  | 5405       | 19.532    | ug/l # | 1        |
| 85) sec-Butylbenzene          | 13.251         | 105  | 1760       | 4.929     | ug/l # | 56       |
| 89) n-Butylbenzene            | 13.721         | 91   | 1506       | 5.255     | ug/l # | 34       |
| 90) Hexachloroethane          | 14.081         | 117  | 27378      | 497.590   | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.081         | 75   | 4060       | 334.217   | ug/l # | 5        |
| 93) 1,2,4-Trichlorobenzene    | 15.001         | 180  | 301        | 3.326     | ug/l # | 19       |
| 95) Naphthalene               | 15.239         | 128  | 1032       | 5.826     | ug/l # | 32       |
| 96) 1,2,3-Trichlorobenzene    | 15.428         | 180  | 191        | 2.410     | ug/l # | 21       |
| -----                         |                |      |            |           |        |          |

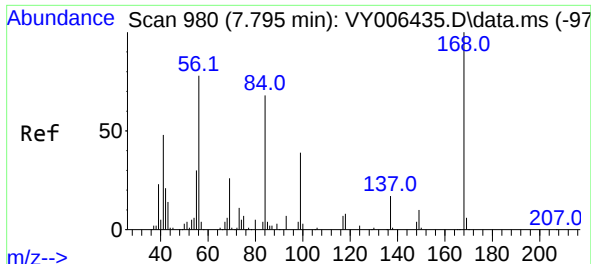
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110321\  
Data File : VY006605.D  
Acq On : 03 Nov 2021 16:20  
Operator : SY/MD  
Sample : M4427-05RE  
Misc : 3.01G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

Quant Time: Nov 03 21:21:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102221S.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 23 06:59:04 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

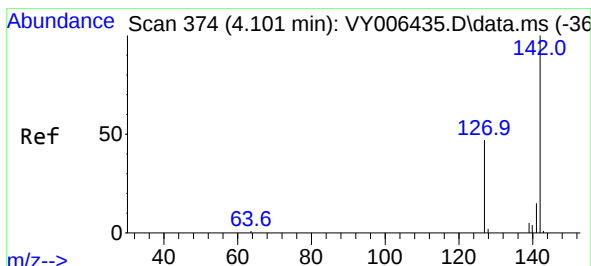
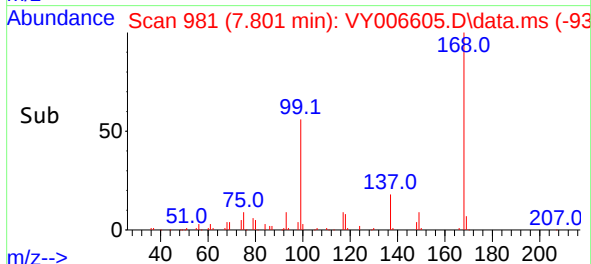
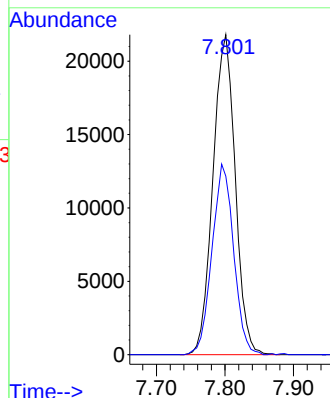
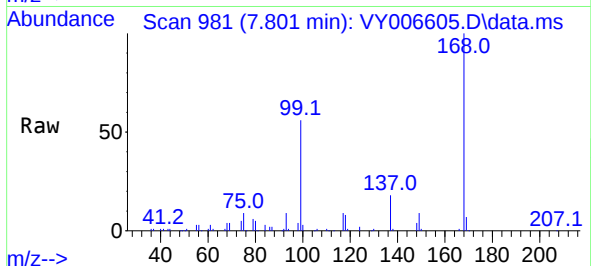
**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
FDR-BH-4-20211029-7.5-8SRE



#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

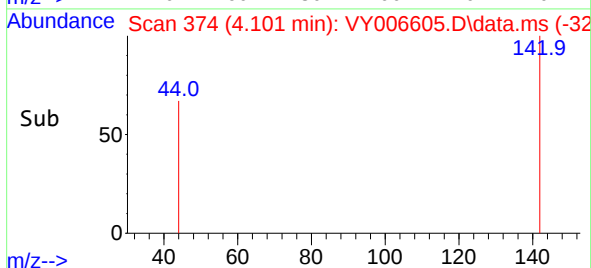
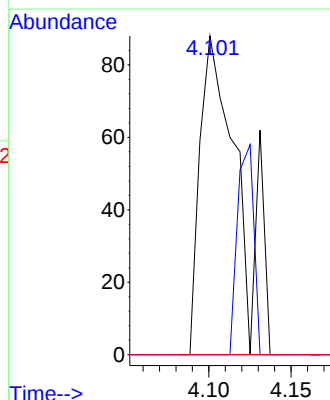
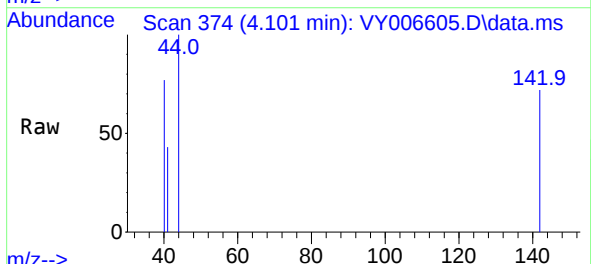
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

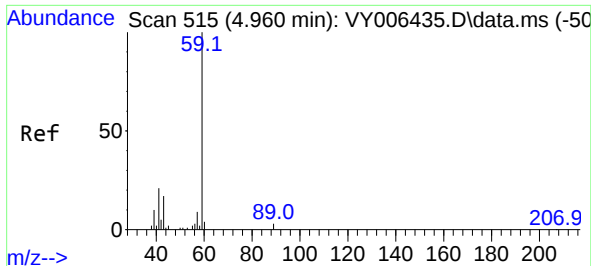
Tgt Ion:168 Resp: 49206  
Ion Ratio Lower Upper  
168 100  
99 55.8 44.8 67.2



#10  
Methyl Iodide  
Concen: 5.329 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion:142 Resp: 145  
Ion Ratio Lower Upper  
142 100  
127 0.0 40.1 60.1#  
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 55.300 ug/l

RT: 4.948 min Scan# 515

Delta R.T. -0.012 min

Lab File: VY006605.D

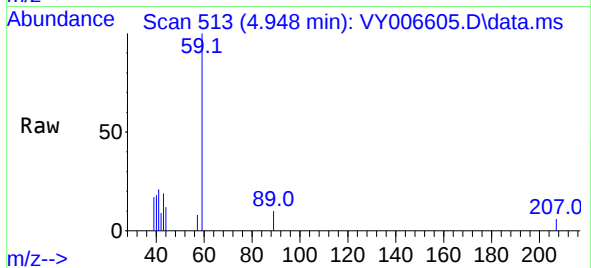
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Instrument :

MSVOA\_Y

ClientSampleId :

FDR-BH-4-20211029-7.5-8SRE

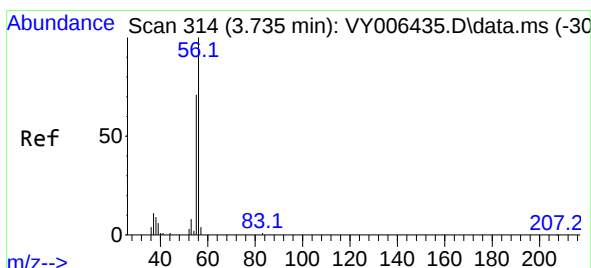
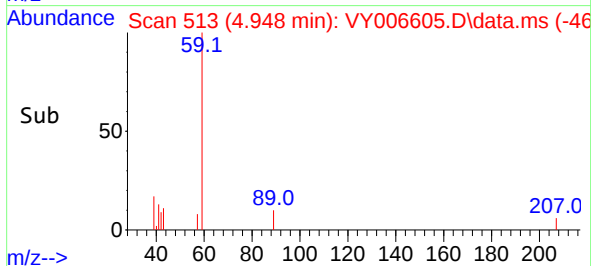
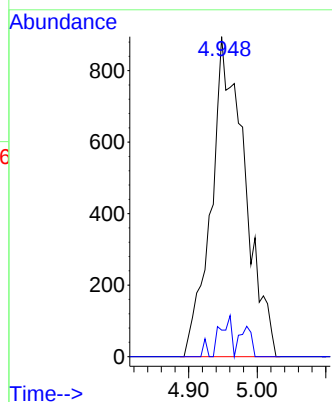


Tgt Ion: 59 Resp: 3042

Ion Ratio Lower Upper

59 100

57 4.2 8.2 12.4#



#13

Acrolein

Concen: 1.920 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY006605.D

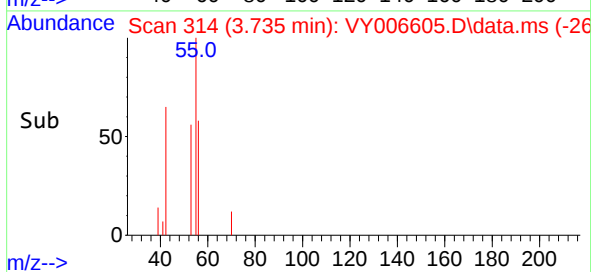
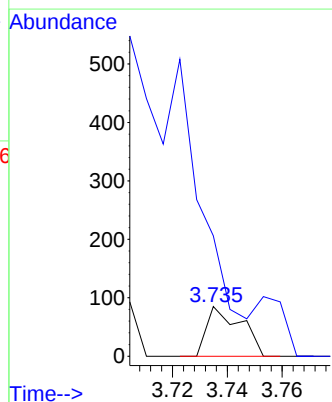
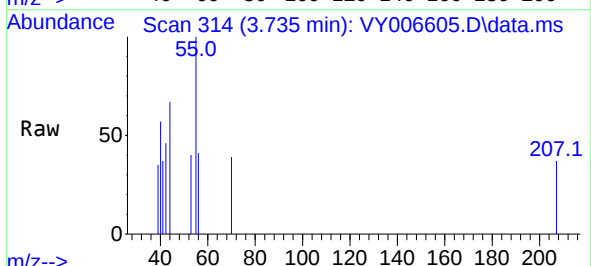
Acq: 03 Nov 2021 16:20

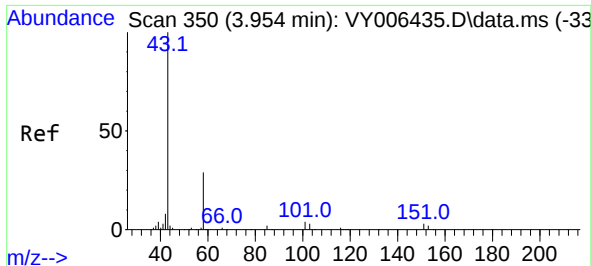
Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

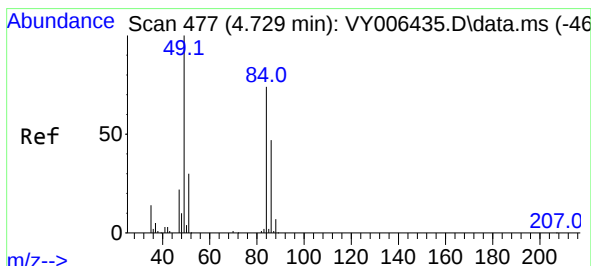
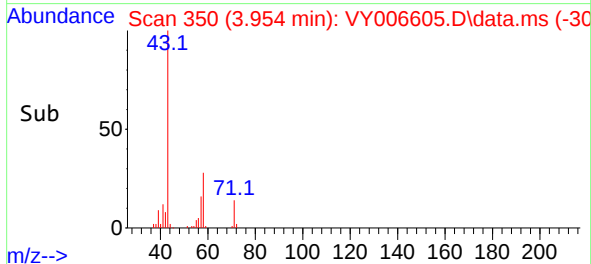
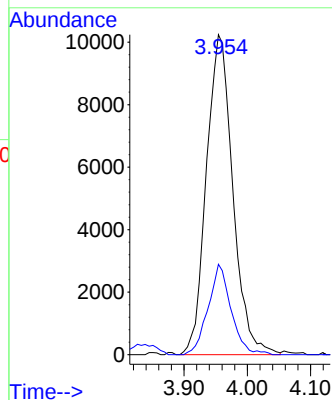
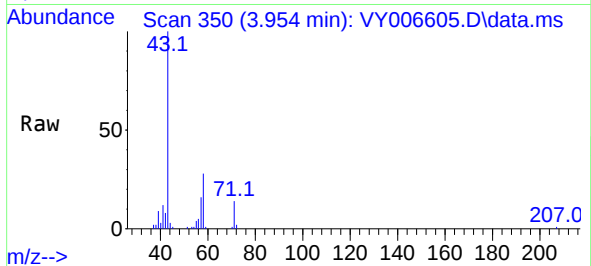




#16  
Acetone  
Concen: 170.864 ug/l  
RT: 3.954 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

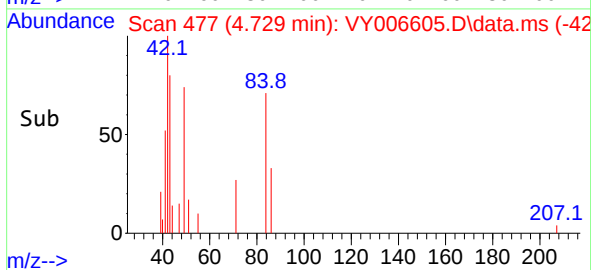
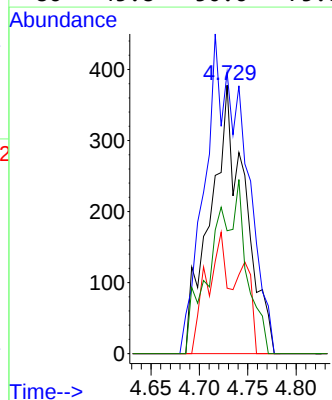
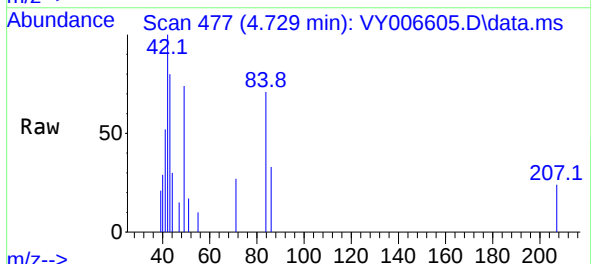
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

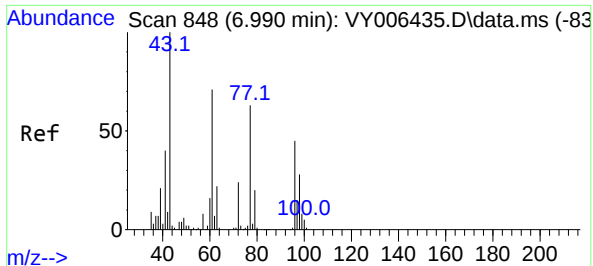
Tgt Ion: 43 Resp: 29791  
Ion Ratio Lower Upper  
43 100  
58 28.3 22.9 34.3



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.729 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 84 Resp: 948  
Ion Ratio Lower Upper  
84 100  
49 104.8 107.8 161.8#  
51 24.3 32.8 49.2#  
86 45.8 50.6 75.8#

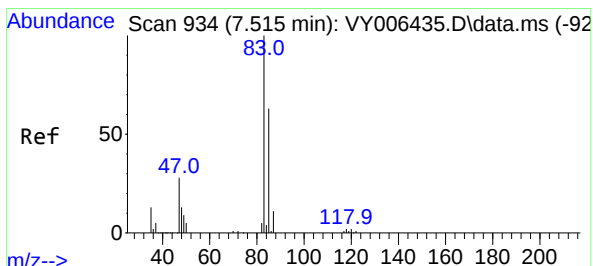
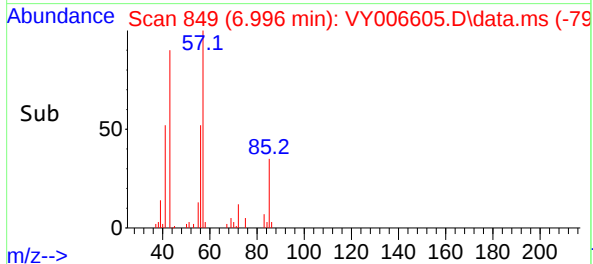
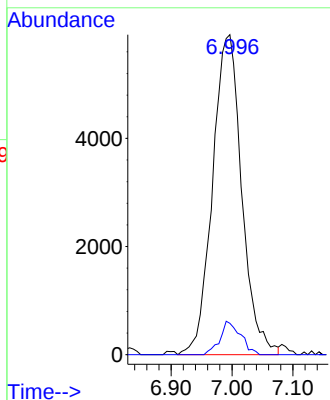
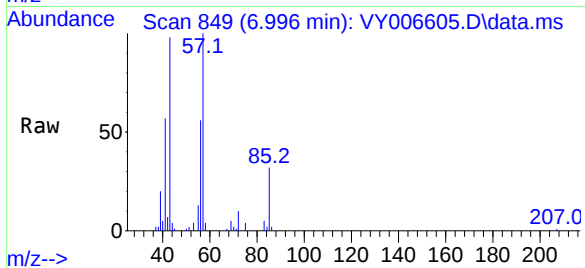




#25  
2-Butanone  
Concen: 86.362 ug/l  
RT: 6.996 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

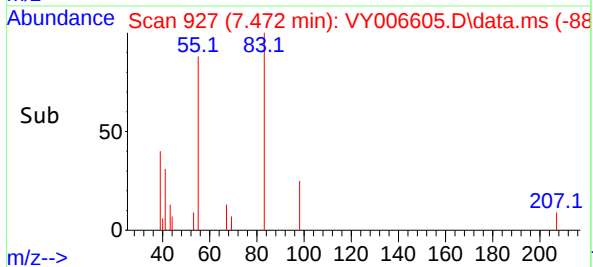
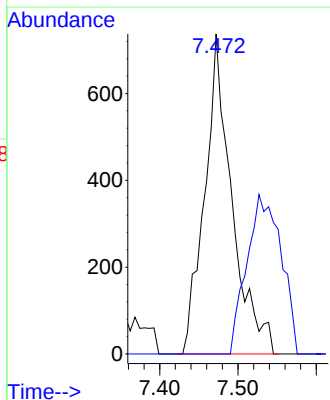
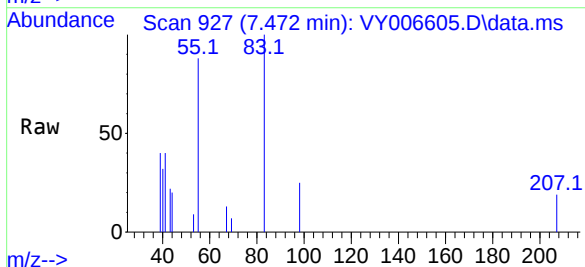
Instrument :  
MSVOA\_Y  
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FDR-BH-4-20211029-7.5-8SRE

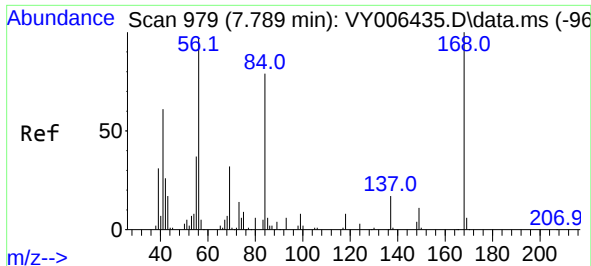
Tgt Ion: 43 Resp: 19727  
Ion Ratio Lower Upper  
43 100  
72 9.8 18.9 28.3#



#30  
Chloroform  
Concen: 1.806 ug/l  
RT: 7.472 min Scan# 927  
Delta R.T. -0.043 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 83 Resp: 1777  
Ion Ratio Lower Upper  
83 100  
85 0.0 50.2 75.4#

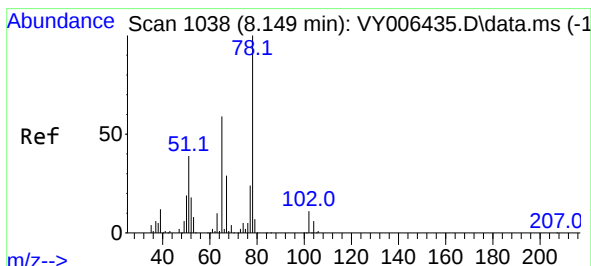
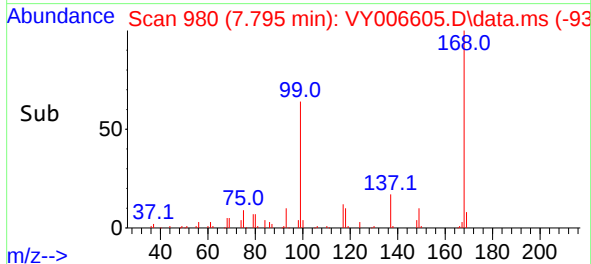
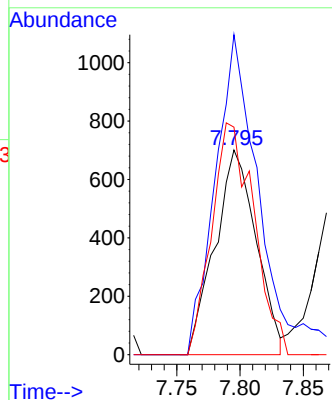
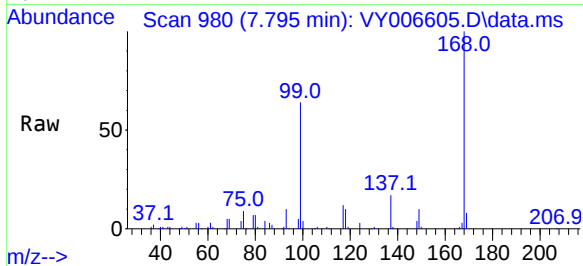




#31  
Cyclohexane  
Concen: 1.623 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

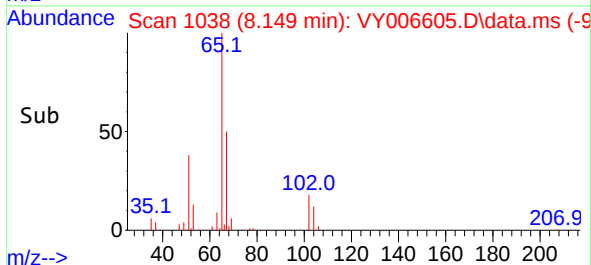
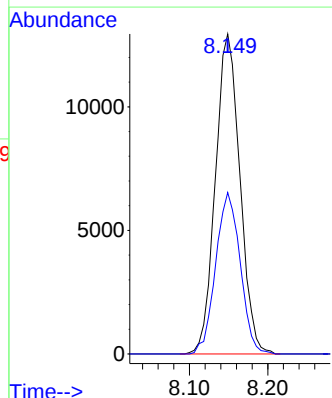
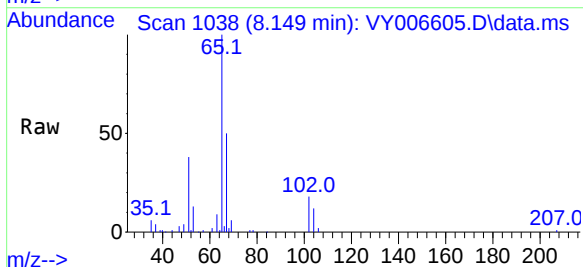
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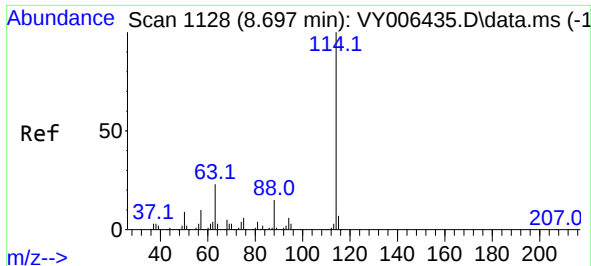
Tgt Ion: 56 Resp: 1591  
Ion Ratio Lower Upper  
56 100  
69 156.3 26.6 40.0#  
84 111.1 65.0 97.4#



#33  
1,2-Dichloroethane-d4  
Concen: 46.504 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 65 Resp: 28159  
Ion Ratio Lower Upper  
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67 50.5 0.0 98.2

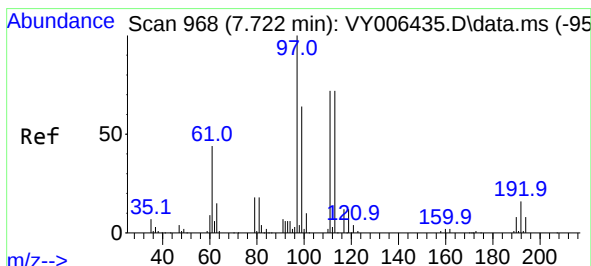
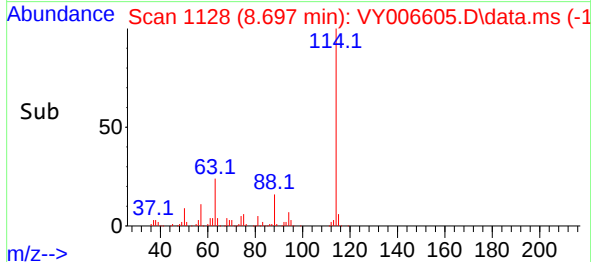
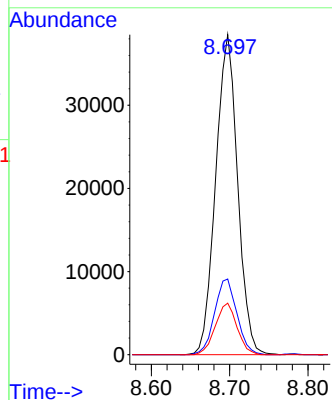
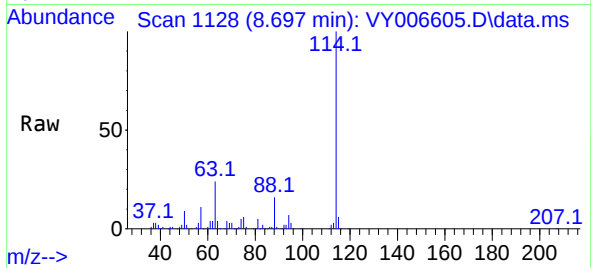




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

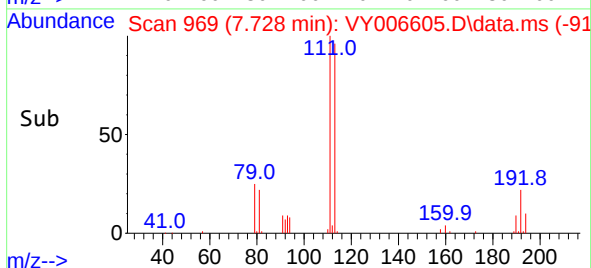
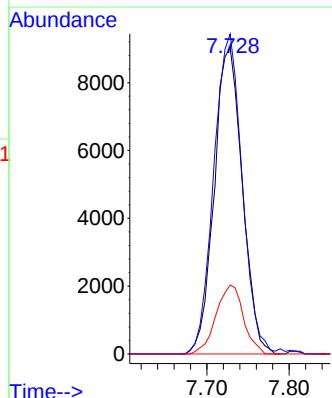
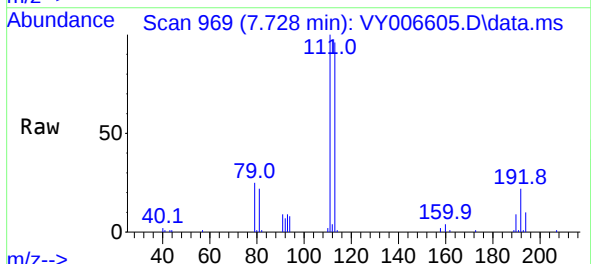
Instrument : MSVOA\_Y  
ClientSampleId : FDR-BH-4-20211029-7.5-8SRE

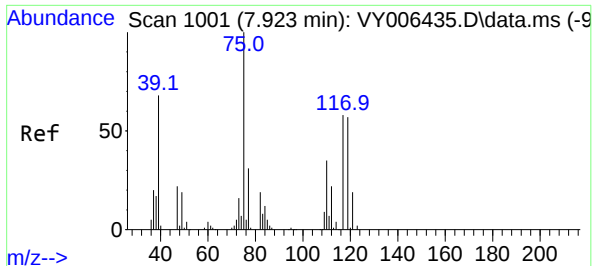
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 74936 |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 23.6  | 0.0   | 45.0  |
| 88       | 16.1  | 0.0   | 30.6  |



#35  
Dibromofluoromethane  
Concen: 51.526 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 21521 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.2 | 82.3  | 123.5 |
| 192      | 21.8  | 17.4  | 26.2  |





#36

1,1-Dichloropropene

Concen: 6.037 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006605.D

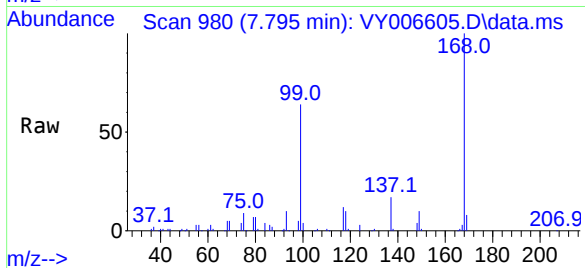
Acq: 03 Nov 2021 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

FDR-BH-4-20211029-7.5-8SRE



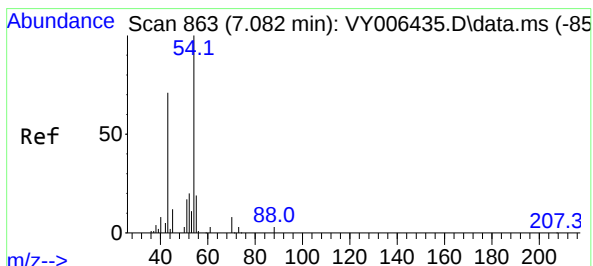
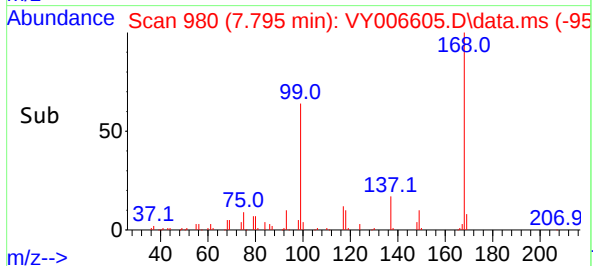
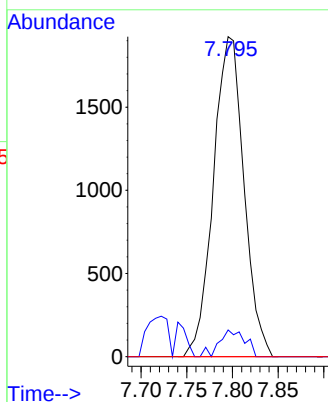
Tgt Ion: 75 Resp: 4470

Ion Ratio Lower Upper

75 100

110 7.1 17.1 51.3#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 42.099 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

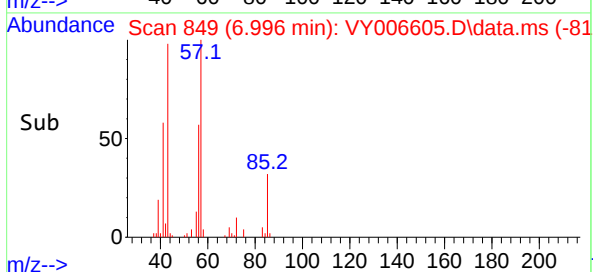
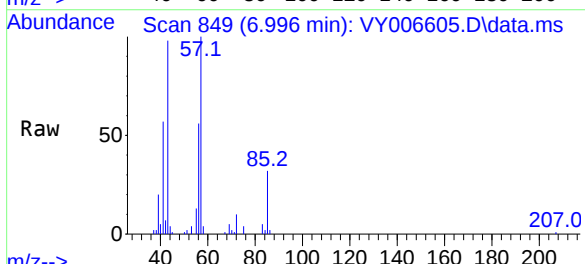
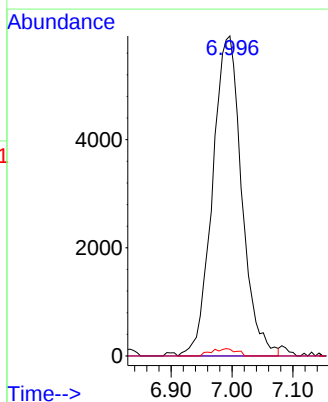
Tgt Ion: 43 Resp: 19727

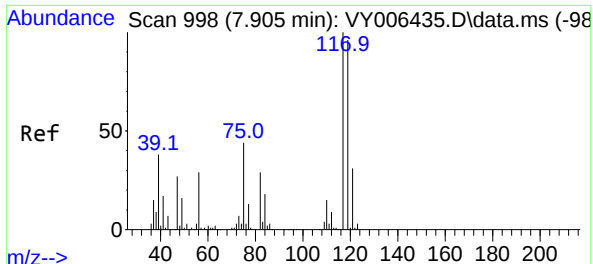
Ion Ratio Lower Upper

43 100

61 0.0 9.4 14.2#

70 1.9 6.9 10.3#

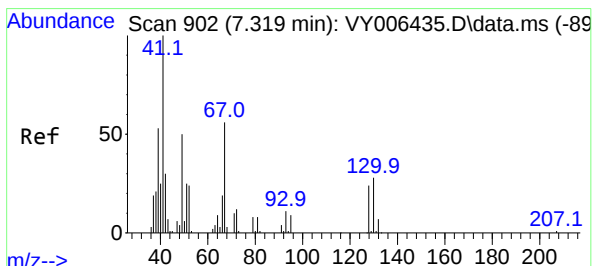
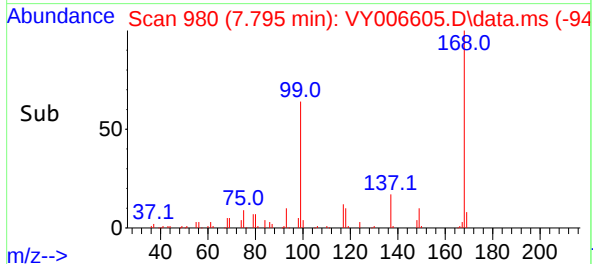
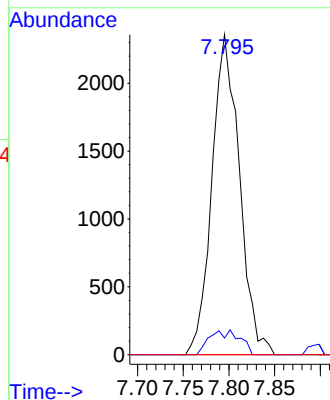
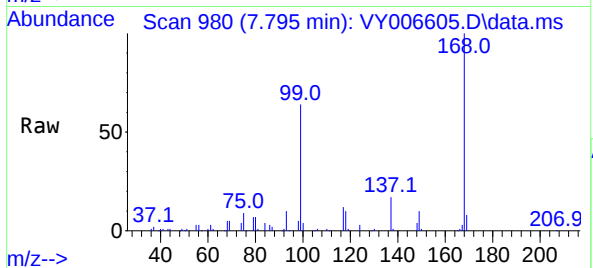




#38  
Carbon Tetrachloride  
Concen: 6.031 ug/l  
RT: 7.795 min Scan# 911  
Delta R.T. -0.110 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

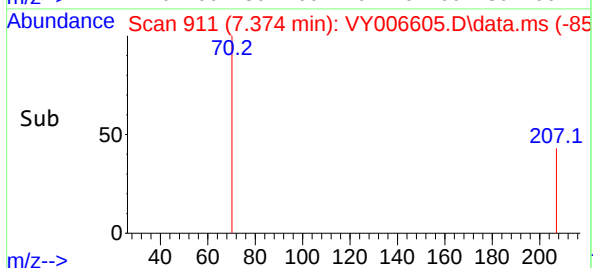
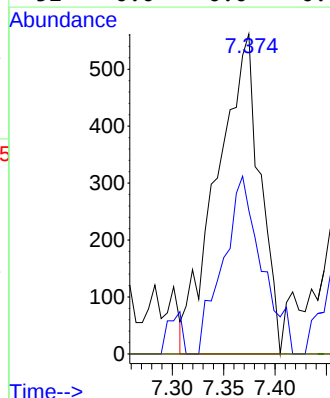
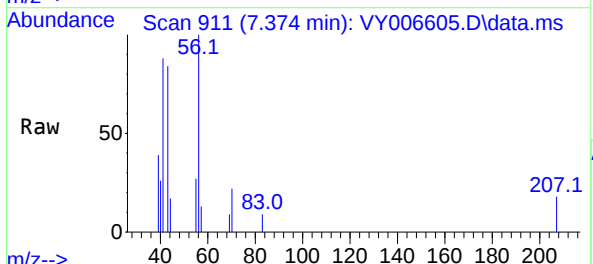
Instrument : MSVOA\_Y  
ClientSampleId : FDR-BH-4-20211029-7.5-8SRE

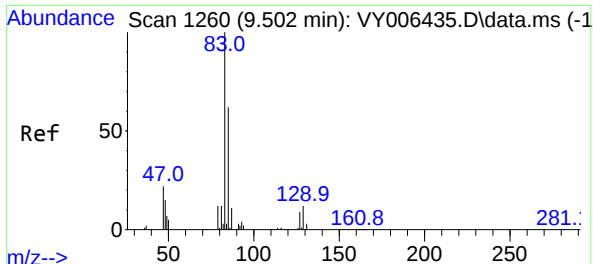
Tgt Ion: 117 Resp: 4926  
Ion Ratio Lower Upper  
117 100  
119 5.2 76.6 115.0#  
121 0.0 24.7 37.1#



#41  
Methacrylonitrile  
Concen: 6.123 ug/l  
RT: 7.374 min Scan# 911  
Delta R.T. 0.055 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 41 Resp: 1628  
Ion Ratio Lower Upper  
41 100  
39 50.1 109.0 163.6#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0





#47

Bromodichloromethane

Concen: 2.849 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.012 min

Lab File: VY006605.D

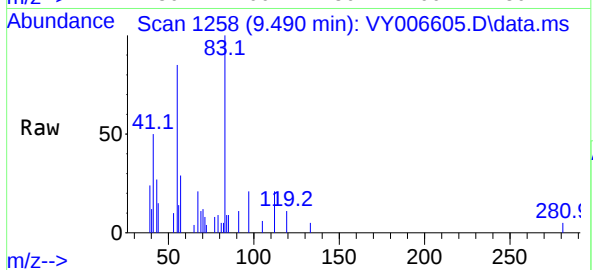
Acq: 03 Nov 2021 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

FDR-BH-4-20211029-7.5-8SRE



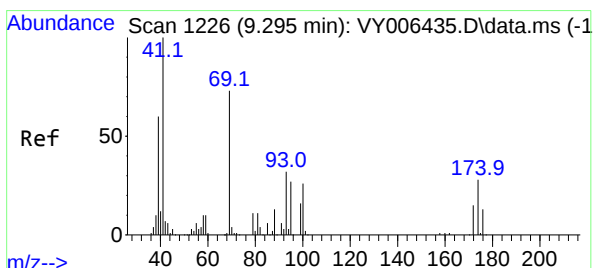
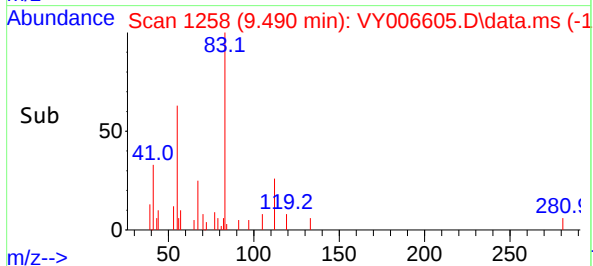
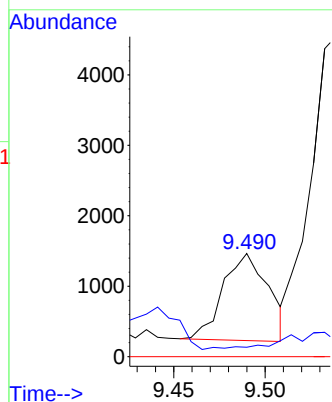
Tgt Ion: 83 Resp: 2128

Ion Ratio Lower Upper

83 100

85 0.0 49.9 74.9#

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 19.219 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.031 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

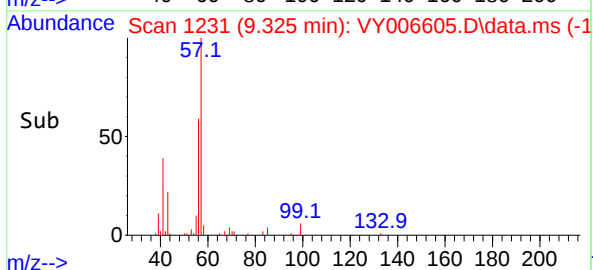
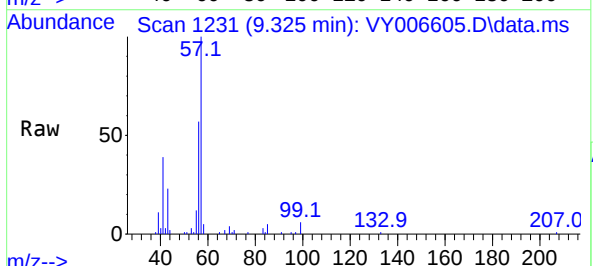
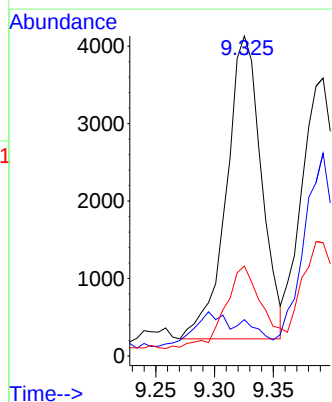
Tgt Ion: 41 Resp: 8097

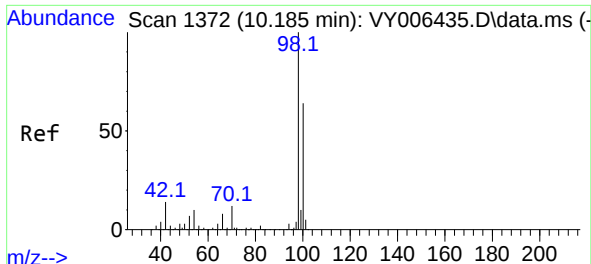
Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 29.8 48.2 72.2#

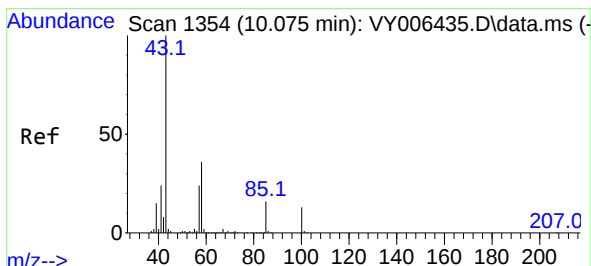
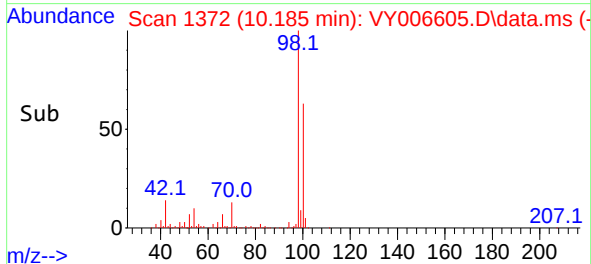
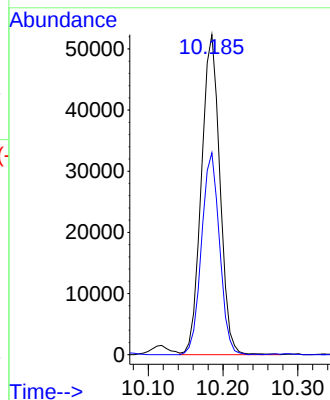
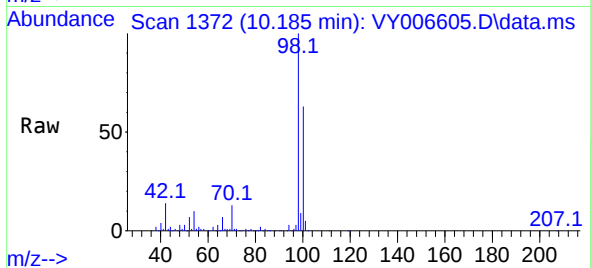




#50  
Toluene-d8  
Concen: 50.763 ug/l  
RT: 10.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

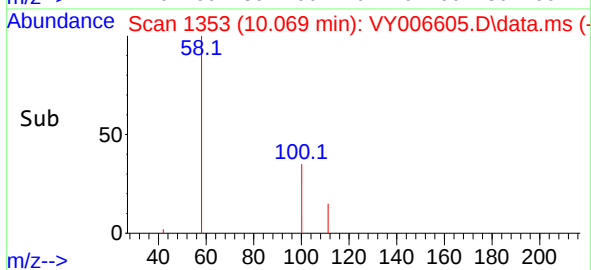
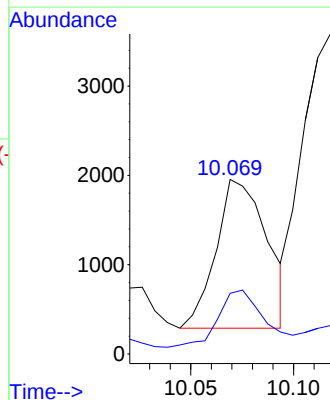
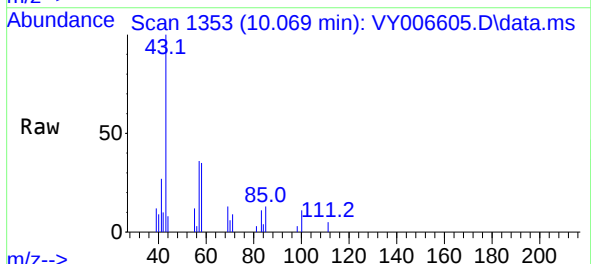
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

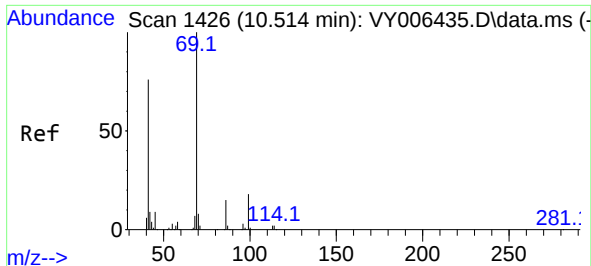
Tgt Ion: 98 Resp: 89880  
Ion Ratio Lower Upper  
98 100  
100 61.5 50.9 76.3



#51  
4-Methyl-2-Pentanone  
Concen: 6.021 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 43 Resp: 2869  
Ion Ratio Lower Upper  
43 100  
58 44.5 28.7 43.1#

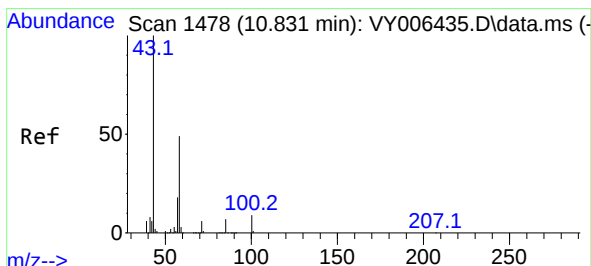
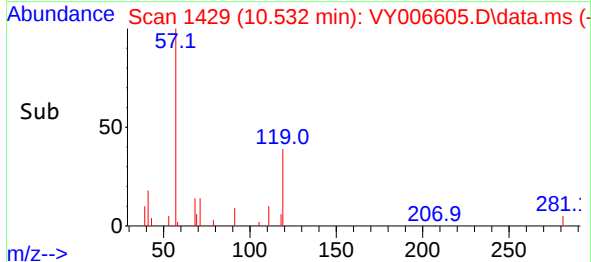
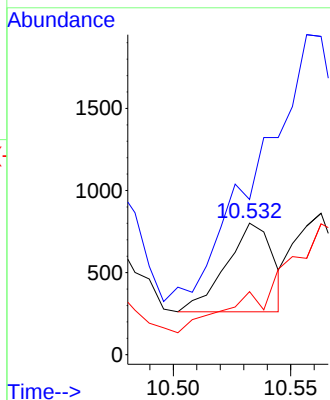
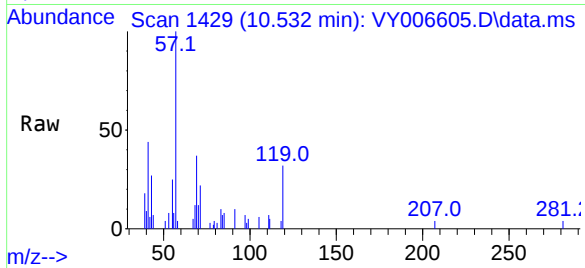




#56  
Ethyl methacrylate  
Concen: 1.224 ug/l  
RT: 10.532 min Scan# 1429  
Delta R.T. 0.018 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

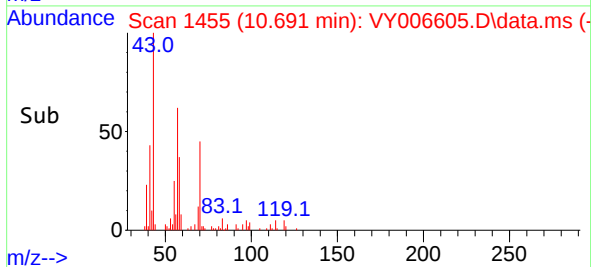
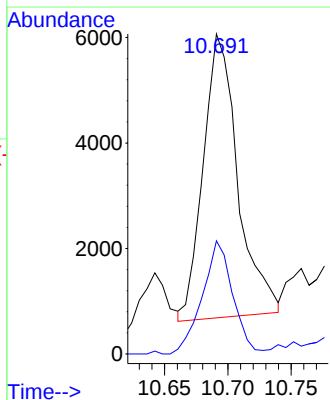
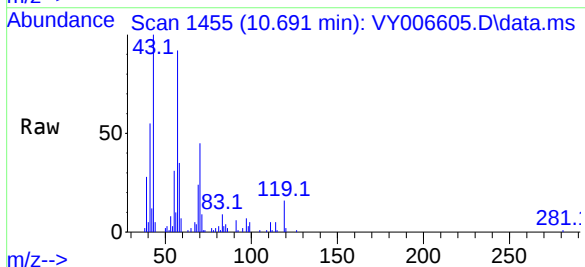
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

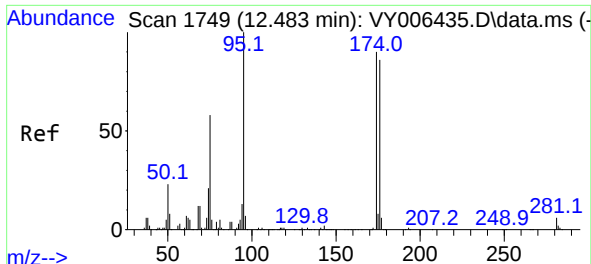
Tgt Ion: 69 Resp: 751  
Ion Ratio Lower Upper  
69 100  
41 0.0 62.9 94.3#  
39 0.0 35.7 53.5#



#59  
2-Hexanone  
Concen: 29.648 ug/l  
RT: 10.691 min Scan# 1455  
Delta R.T. -0.140 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 43 Resp: 10225  
Ion Ratio Lower Upper  
43 100  
58 35.1 24.6 73.6

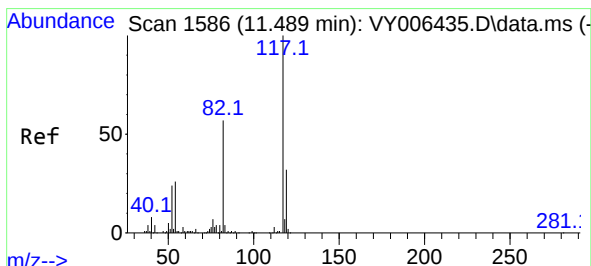
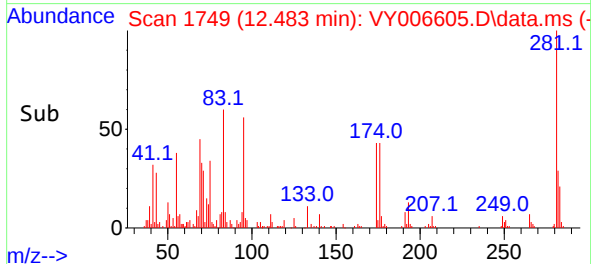
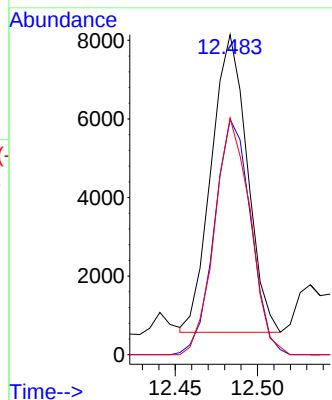
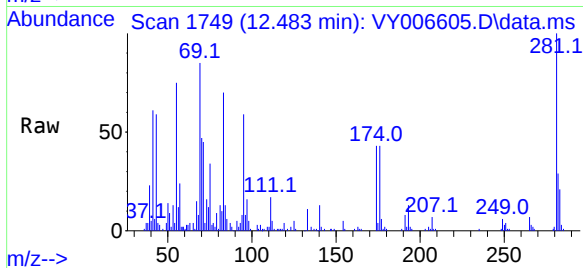




#62  
4-Bromofluorobenzene  
Concen: 19.241 ug/l  
RT: 12.483 min Scan# 11476  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

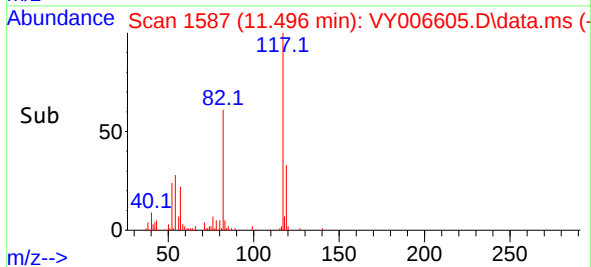
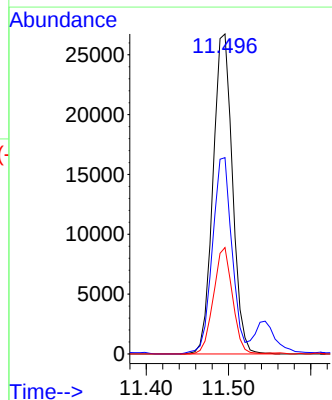
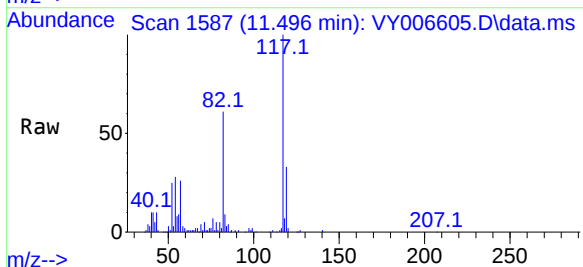
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

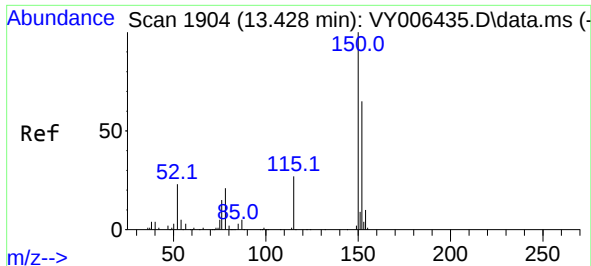
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 11476 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 80.4  | 0.0   | 177.0 |
| 176       | 79.0  | 0.0   | 169.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 43927 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 61.4  | 45.7  | 68.5  |
| 119       | 33.3  | 25.5  | 38.3  |

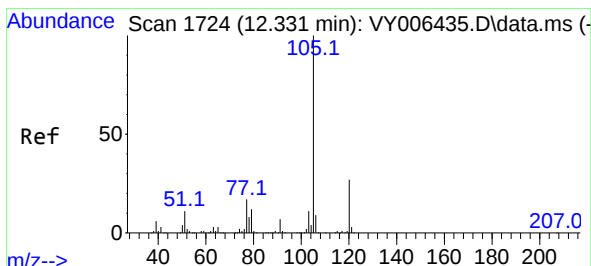
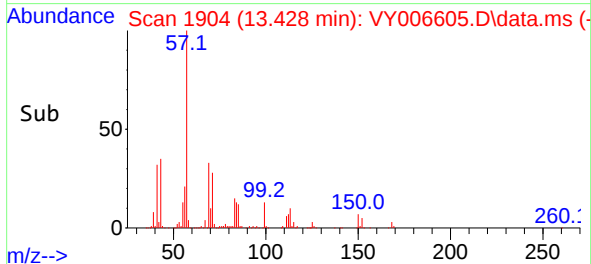
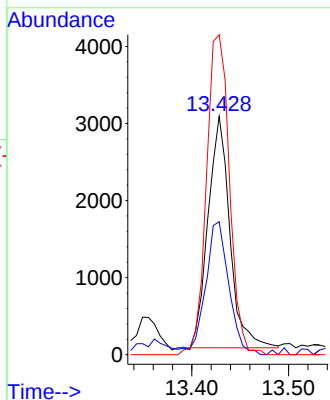
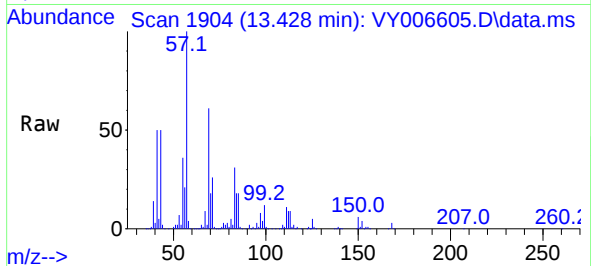




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

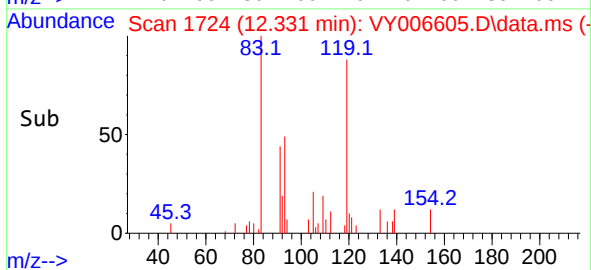
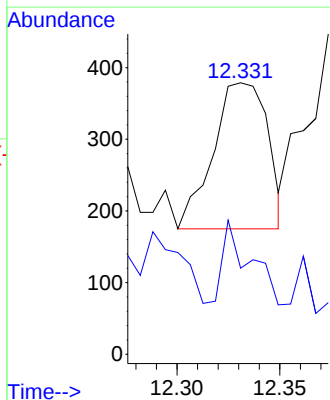
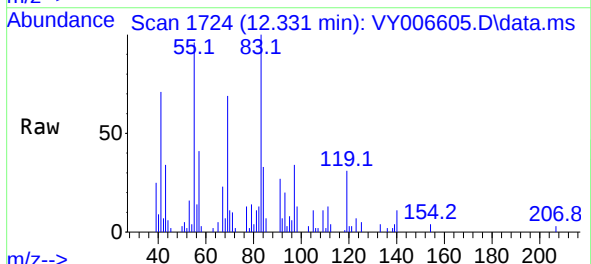
Instrument : MSVOA\_Y  
ClientSampleId : FDR-BH-4-20211029-7.5-8SRE

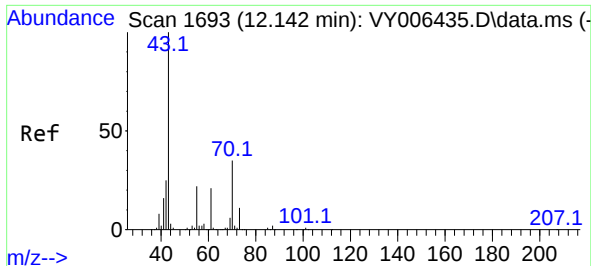
Tgt Ion:152 Resp: 4725  
Ion Ratio Lower Upper  
152 100  
115 61.4 28.5 85.5  
150 145.4 0.0 348.2



#73  
Isopropylbenzene  
Concen: 1.141 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion:105 Resp: 377  
Ion Ratio Lower Upper  
105 100  
120 35.8 13.3 39.9

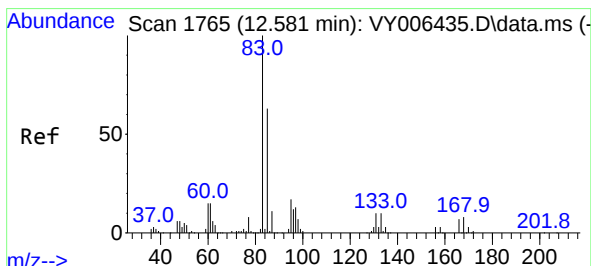
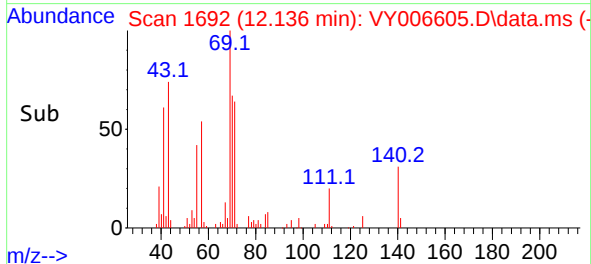
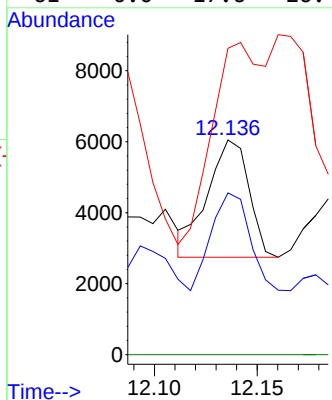
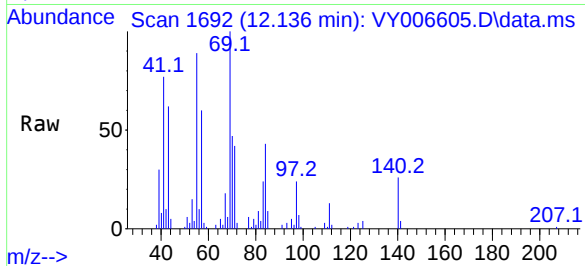




#74  
N-amy1 acetate  
Concen: 42.264 ug/l  
RT: 12.136 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

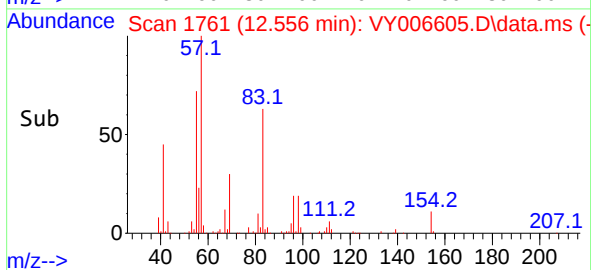
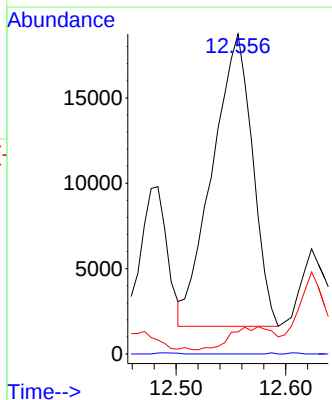
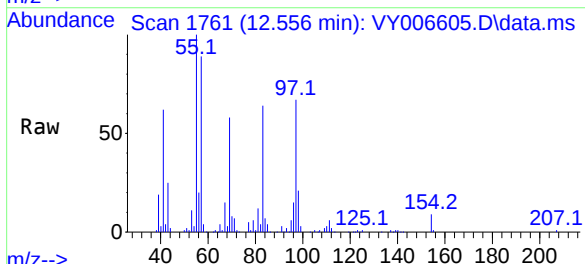
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

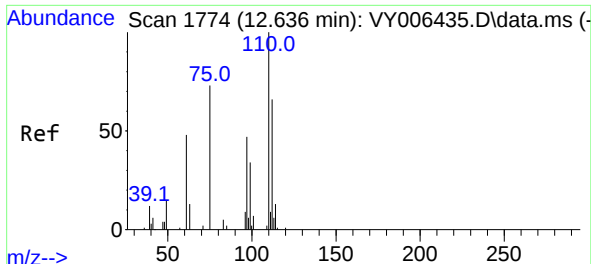
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4634  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 82.6  | 29.4  | 44.0# |
| 55       | 217.6 | 18.1  | 27.1# |
| 61       | 0.0   | 17.6  | 26.4# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 759.408 ug/l  
RT: 12.556 min Scan# 1761  
Delta R.T. -0.024 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 43454 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 5.5   | 16.4# |
| 85       | 0.0   | 31.9  | 95.9# |

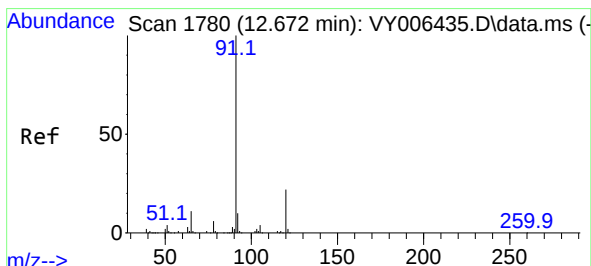
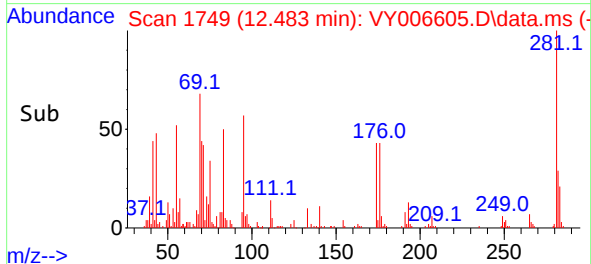
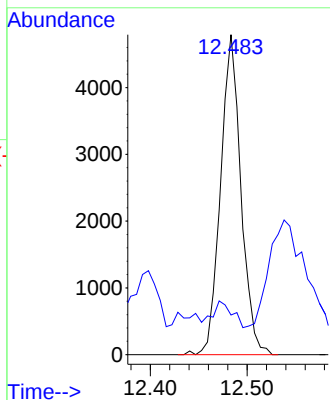
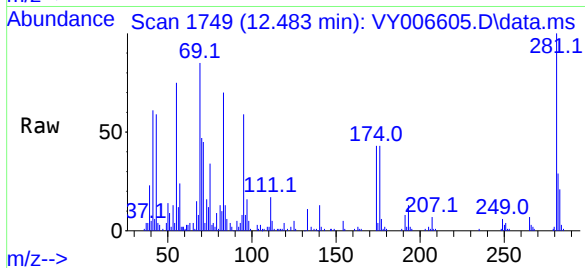




#76  
1,2,3-Trichloropropane  
Concen: 143.705 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

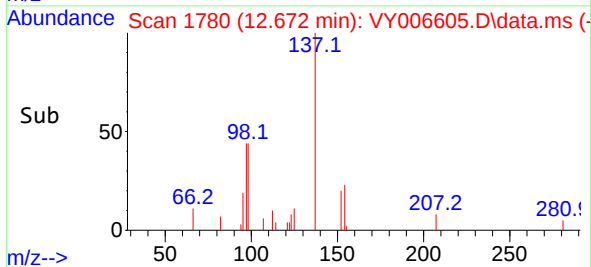
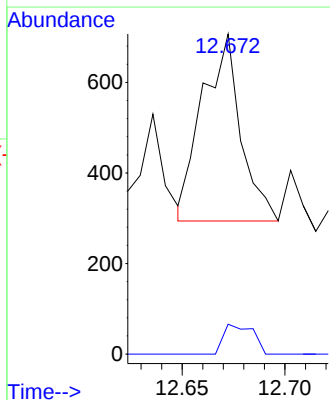
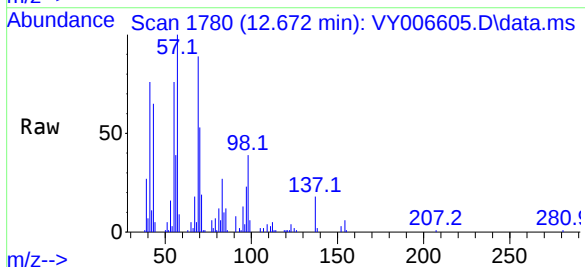
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

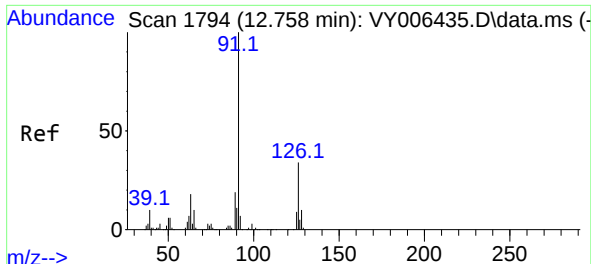
Tgt Ion: 75 Resp: 6997  
Ion Ratio Lower Upper  
75 100  
77 7.8 0.0 0.0#



#78  
n-propylbenzene  
Concen: 1.310 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 91 Resp: 535  
Ion Ratio Lower Upper  
91 100  
120 12.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 5.470 ug/l

RT: 12.794 min Scan# 1794

Delta R.T. 0.037 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

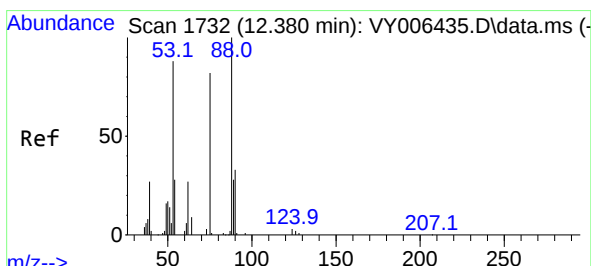
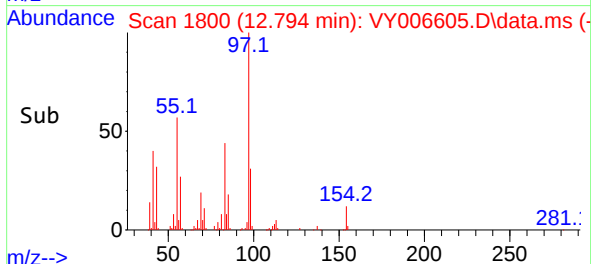
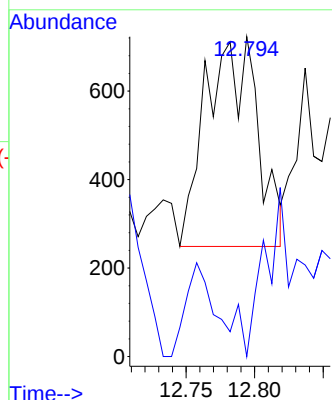
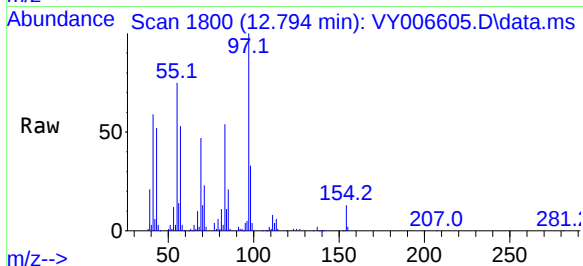
FDR-BH-4-20211029-7.5-8SRE

Tgt Ion: 91 Resp: 1237

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 295.022 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

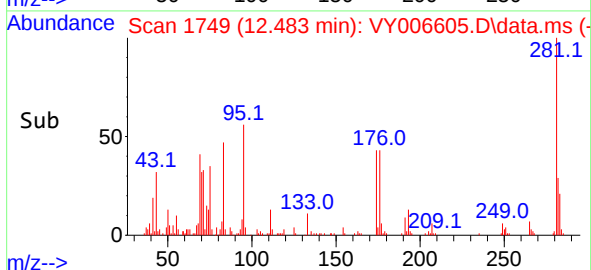
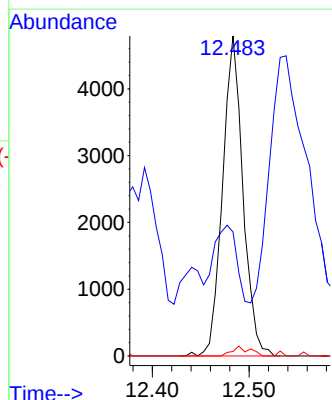
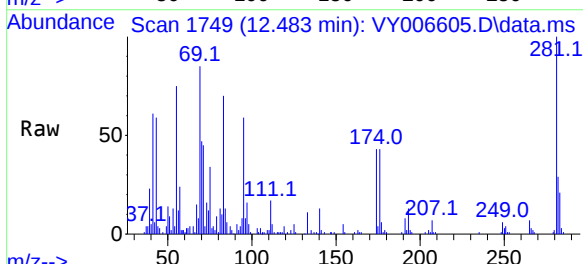
Tgt Ion: 75 Resp: 6997

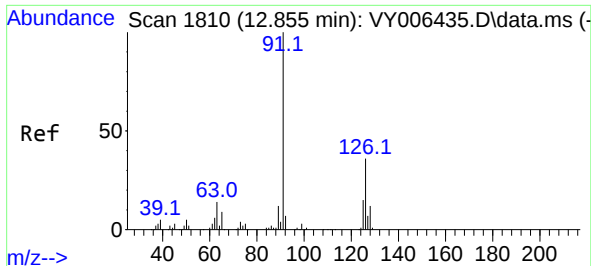
Ion Ratio Lower Upper

75 100

53 27.0 85.8 128.6#

89 2.6 39.3 58.9#

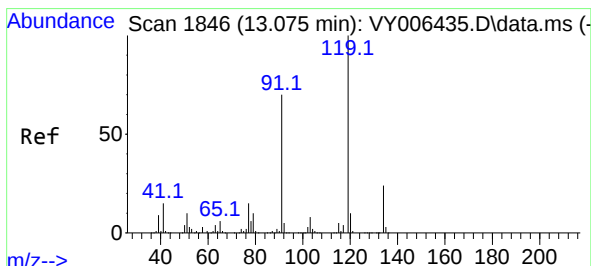
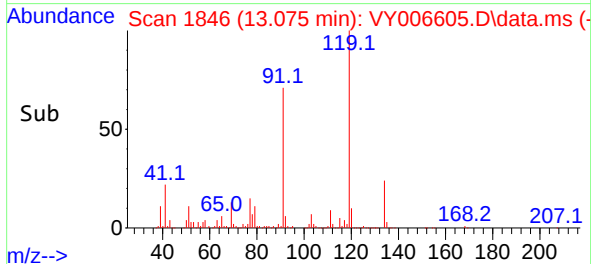
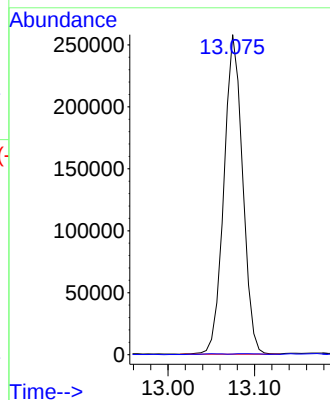
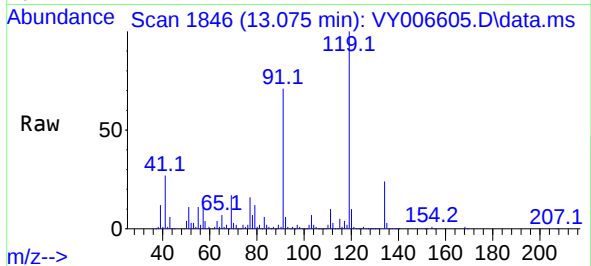




#82  
4-Chlorotoluene  
Concen: 1641.403 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.220 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

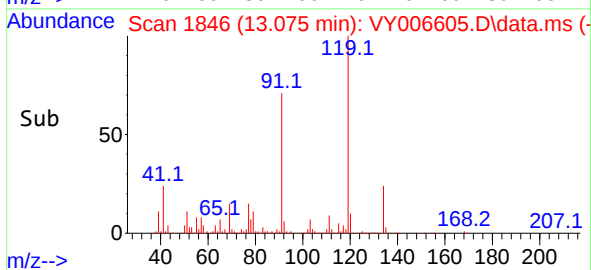
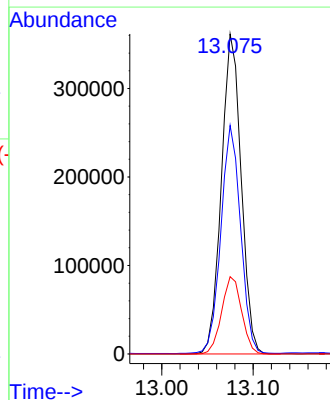
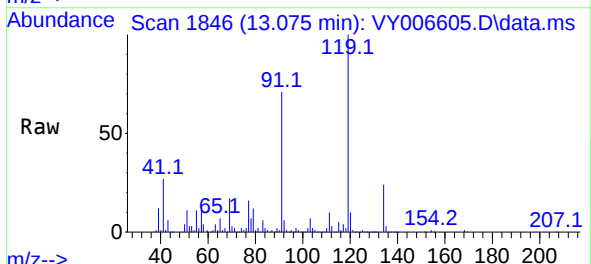
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

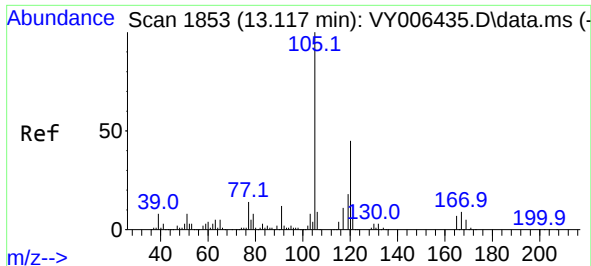
Tgt Ion: 91 Resp: 386763  
Ion Ratio Lower Upper  
91 100  
126 0.3 16.8 50.4#



#83  
tert-Butylbenzene  
Concen: 2283.916 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 119 Resp: 543174  
Ion Ratio Lower Upper  
119 100  
91 71.2 34.8 104.5  
134 24.4 13.0 38.9

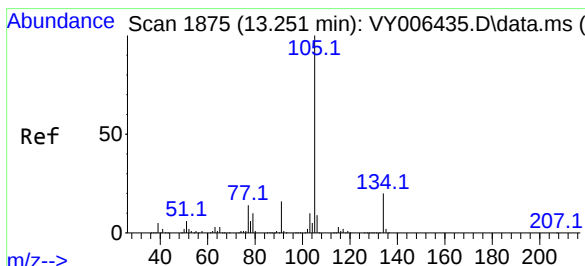
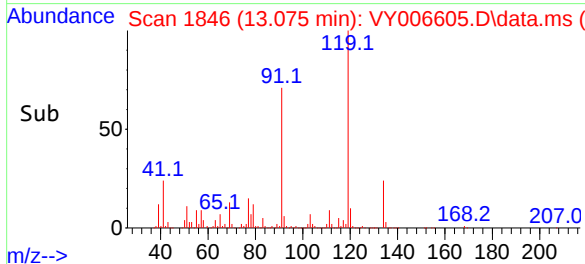
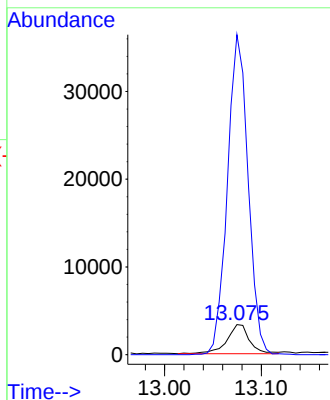
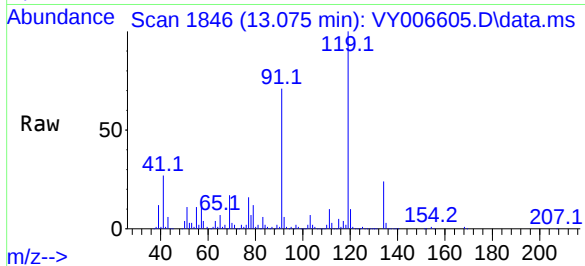




#84  
1,2,4-Trimethylbenzene  
Concen: 19.532 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.043 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

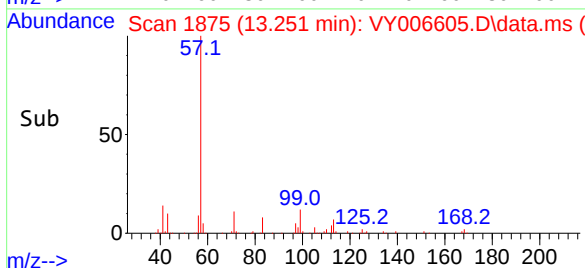
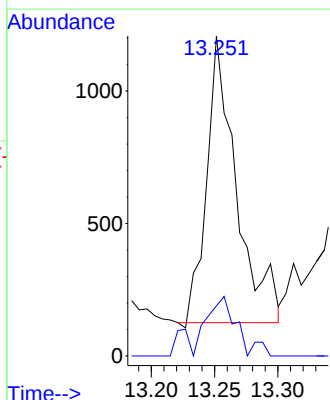
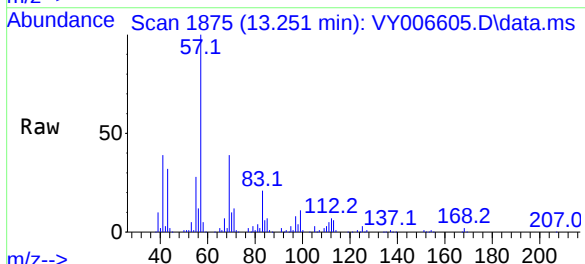
Instrument : MSVOA\_Y  
ClientSampleId : FDR-BH-4-20211029-7.5-8SRE

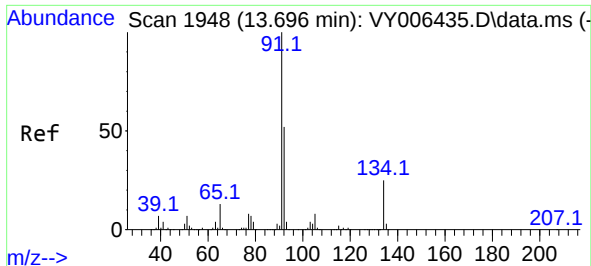
Tgt Ion:105 Resp: 5405  
Ion Ratio Lower Upper  
105 100  
120 1006.0 22.6 67.8#



#85  
sec-Butylbenzene  
Concen: 4.929 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion:105 Resp: 1760  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.1 30.3#

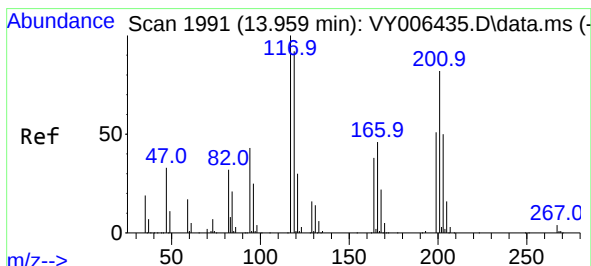
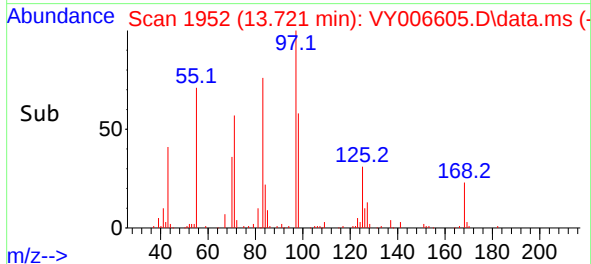
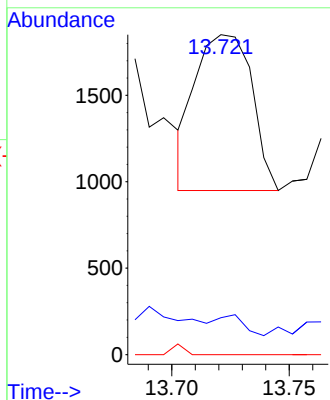
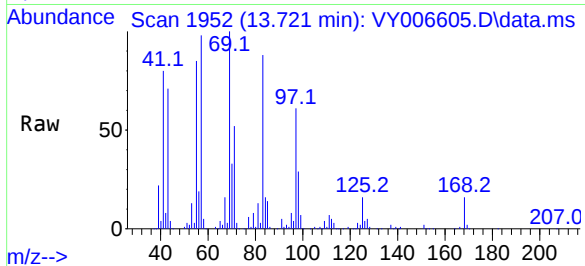




#89  
n-Butylbenzene  
Concen: 5.255 ug/l  
RT: 13.721 min Scan# 1952  
Delta R.T. 0.024 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

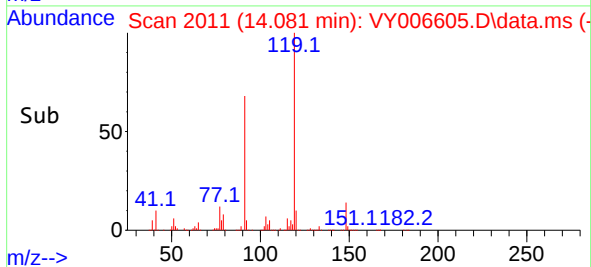
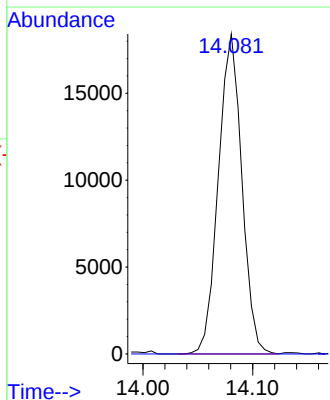
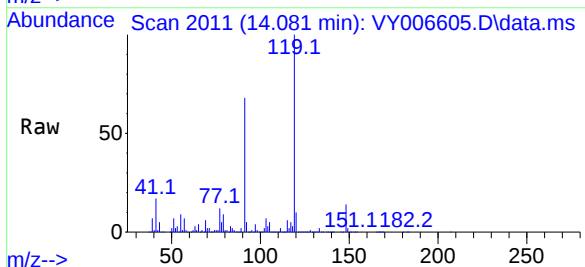
Instrument : MSVOA\_Y  
ClientSampleId : FDR-BH-4-20211029-7.5-8SRE

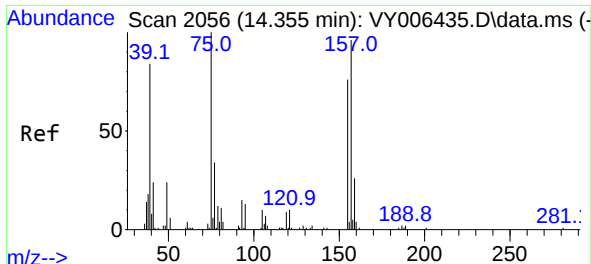
Tgt Ion: 91 Resp: 1506  
Ion Ratio Lower Upper  
91 100  
92 0.0 26.3 78.9#  
134 1.5 12.9 38.7#



#90  
Hexachloroethane  
Concen: 497.590 ug/l  
RT: 14.081 min Scan# 2011  
Delta R.T. 0.122 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Tgt Ion: 117 Resp: 27378  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.4 130.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 334.217 ug/l

RT: 14.081 min Scan# 2056

Delta R.T. -0.274 min

Lab File: VY006605.D

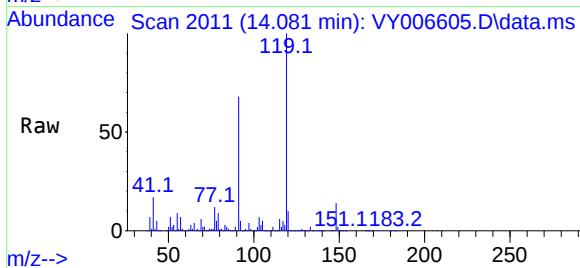
Acq: 03 Nov 2021 16:20

Instrument :

MSVOA\_Y

ClientSampleId :

FDR-BH-4-20211029-7.5-8SRE



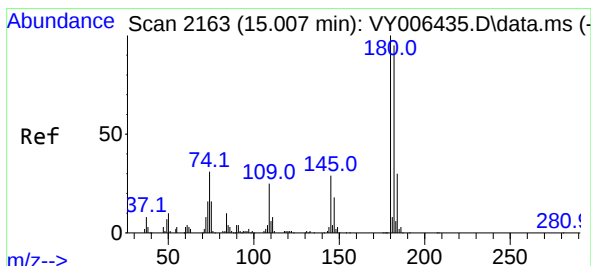
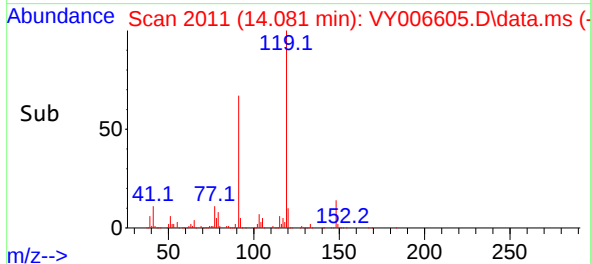
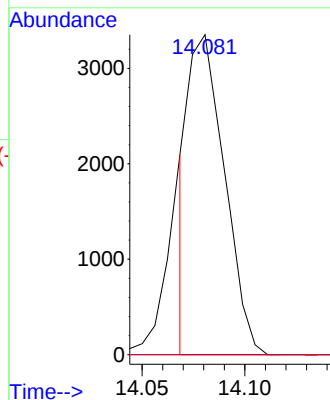
Tgt Ion: 75 Resp: 4060

Ion Ratio Lower Upper

75 100

155 0.0 39.0 116.9#

157 0.0 49.2 147.6#



#93

1,2,4-Trichlorobenzene

Concen: 3.326 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

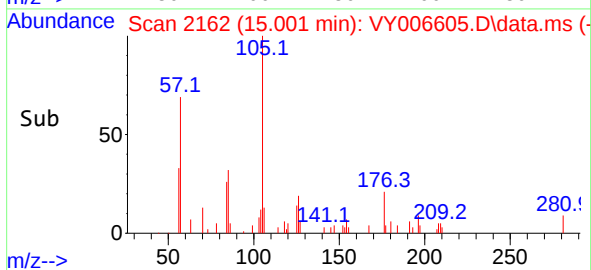
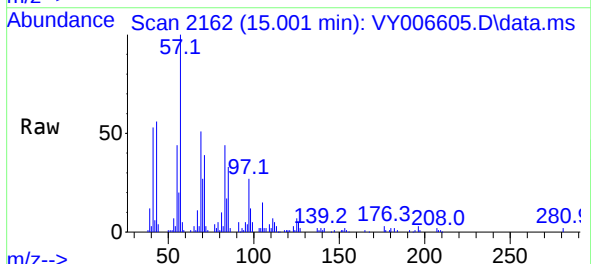
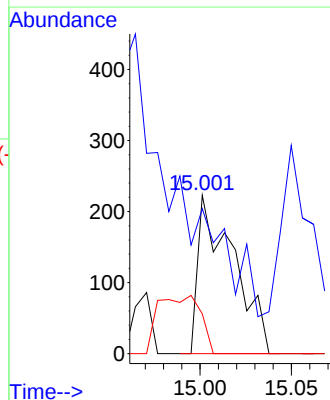
Tgt Ion:180 Resp: 301

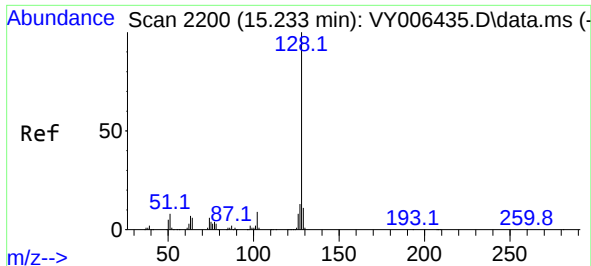
Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.4#

145 43.9 14.5 43.6#

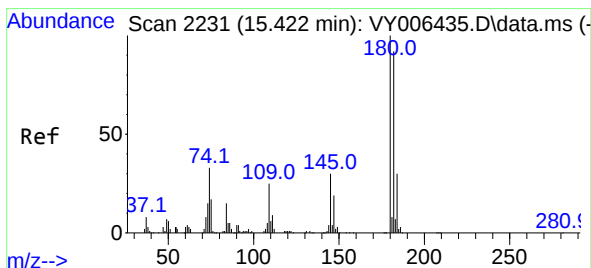
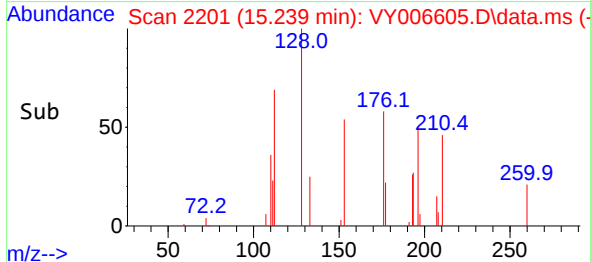
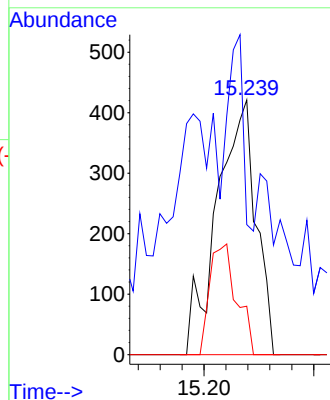
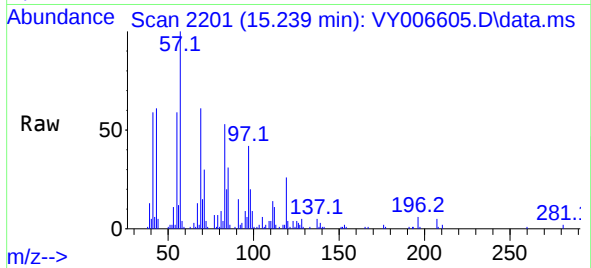




#95  
Naphthalene  
Concen: 5.826 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
FDR-BH-4-20211029-7.5-8SRE

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1032  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 46.7  | 11.0  | 16.4# |
| 129      | 30.1  | 8.9   | 13.3# |



#96  
1,2,3-Trichlorobenzene  
Concen: 2.410 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY006605.D  
Acq: 03 Nov 2021 16:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 191    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 0.0   | 47.8  | 143.4# |
| 145      | 19.9  | 15.3  | 45.8   |

