

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042222\  
 Data File : VW025700.D  
 Acq On : 22 Apr 2022 22:56  
 Operator : SY/MD  
 Sample : N2592-20MSD  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6MSD

Quant Time: Apr 23 02:04:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 23 01:57:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|-------------|--------|----------|
| -----                         |           |                |          |             |        |          |
| Internal Standards            |           |                |          |             |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 134969   | 5.000       | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 132551   | 5.000       | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246    | 152            | 68311    | 5.000       | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |             |        |          |
| 4) Vinyl Chloride-d3          | 1.310     | 65             | 86434    | 6.888       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 137.800%# |        |          |
| 7) Chloroethane-d5            | 1.574     | 69             | 75754    | 5.675       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 113.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.114     | 63             | 151431   | 6.024       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 120.400%  |        |          |
| 20) 2-Butanone-d5             | 3.902     | 46             | 108951   | 71.379      | ug/L   | 0.01     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 142.760%# |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 128061   | 6.754       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 135.000%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65             | 57629    | 7.054       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 141.000%# |        |          |
| 32) Benzene-d6                | 5.053     | 84             | 265203   | 6.915       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 138.200%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 75652    | 7.073       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 141.400%# |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 244069   | 6.858       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 137.200%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625     | 79             | 23967    | 6.667       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 133.400%# |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 87661    | 69.476      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 138.960%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 43868    | 6.492       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 129.800%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152            | 72415    | 6.323       | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 126.400%# |        |          |
| Target Compounds              |           |                |          |             |        |          |
|                               |           |                |          |             |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.134     | 85             | 37371    | 3.065       | ug/L   | 98       |
| 3) Chloromethane              | 1.246     | 50             | 60497    | 4.566       | ug/L   | 99       |
| 5) Vinyl chloride             | 1.317     | 62             | 61214    | 4.089       | ug/L   | 98       |
| 6) Bromomethane               | 1.529     | 94             | 36203    | 3.354       | ug/L   | 97       |
| 8) Chloroethane               | 1.590     | 64             | 43026    | 3.723       | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.761     | 101            | 77077    | 3.666       | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.124     | 101            | 39145    | 3.314       | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.124     | 96             | 44858    | 3.832       | ug/L   | 79       |
| 13) Acetone                   | 2.188     | 43             | 54684    | 52.783      | ug/L   | 93       |
| 14) Carbon disulfide          | 2.301     | 76             | 93612    | 3.341       | ug/L   | 99       |
| 15) Methyl Acetate            | 2.449     | 43             | 13113    | 5.695       | ug/L # | 84       |
| 16) Methylene chloride        | 2.513     | 84             | 43451    | 3.828       | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.773     | 73             | 76661    | 4.232       | ug/L # | 89       |
| 18) trans-1,2-Dichloroethene  | 2.767     | 96             | 39415    | 4.018       | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.195     | 63             | 79053    | 4.758       | ug/L   | 98       |
| 21) 2-Butanone                | 3.986     | 43             | 79389    | 55.457      | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.915     | 96             | 59503    | 5.762       | ug/L   | 89       |
| 23) Bromochloromethane        | 4.256     | 128            | 18573    | 4.332       | ug/L   | 94       |
| 25) Chloroform                | 4.381     | 83             | 85943    | 4.900       | ug/L   | 96       |

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 Operator : SY/MD  
 Sample : N2592-20MSD  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6MSD

Quant Time: Apr 23 02:04:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 23 01:57:52 2022  
 Response via : Initial Calibration

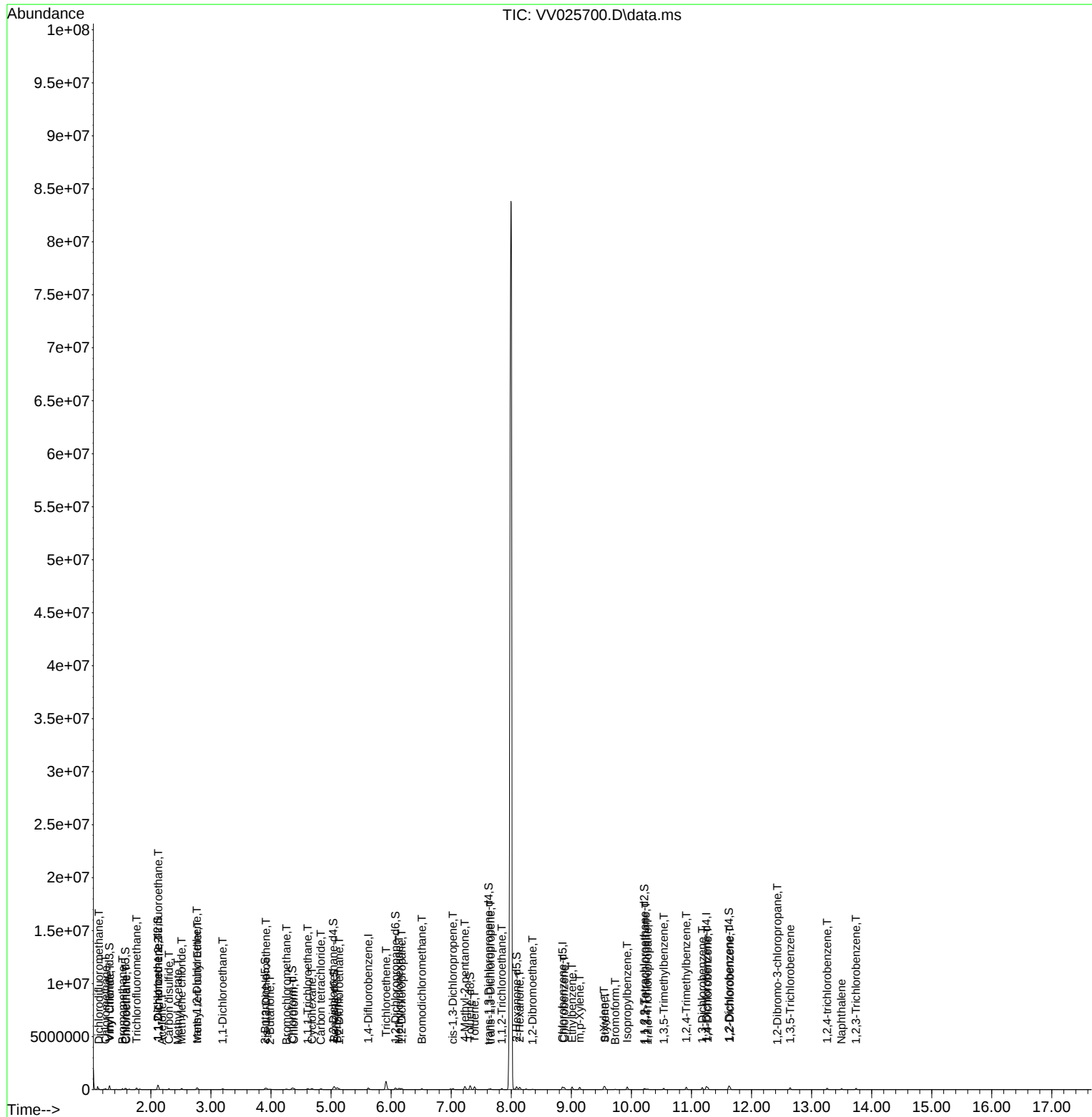
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 44679    | 4.828  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.613  | 97   | 69386    | 4.438  | ug/L  | 98       |
| 30) Cyclohexane               | 4.683  | 56   | 47469    | 3.340  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 54504    | 4.122  | ug/L  | 99       |
| 33) Benzene                   | 5.104  | 78   | 178322   | 4.554  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 273305   | 26.288 | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 51018    | 3.075  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 42710    | 4.715  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 54381    | 4.836  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 53120    | 4.475  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 194304   | 53.572 | ug/L  | 94       |
| 42) Toluene                   | 7.387  | 91   | 194635   | 4.570  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 45399    | 4.923  | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 28809    | 4.749  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.140  | 43   | 129066   | 51.062 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 23490    | 4.123  | ug/L  | 96       |
| 51) Chlorobenzene             | 8.882  | 112  | 107573   | 3.955  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 170271   | 3.748  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 64967    | 3.761  | ug/L  | 92       |
| 54) o-Xylene                  | 9.545  | 106  | 64696    | 3.857  | ug/L  | 98       |
| 55) Styrene                   | 9.561  | 104  | 110283   | 4.043  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 28350    | 4.677  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 13693    | 4.856  | ug/L  | 95       |
| 60) Isopropylbenzene          | 9.931  | 105  | 158488   | 3.748  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 22526    | 5.007  | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 64504    | 3.421  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 122819   | 3.615  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 75255    | 3.813  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 74438    | 3.715  | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 72434    | 4.144  | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 4086     | 5.253  | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 49747    | 3.313  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 38394    | 3.317  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 64970    | 3.826  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 34122    | 3.560  | ug/L  | 96       |

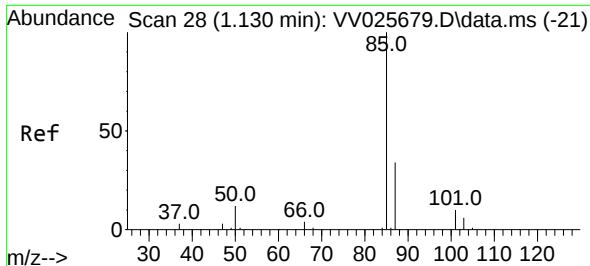
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042222\  
Data File : VV025700.D  
Acq On    : 22 Apr 2022   22:56  
Operator  : SY/MD  
Sample    : N2592-20MSD  
Misc      : 25mL/MSVOA_V/WATER  
ALS Vial  : 24   Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
EW6W6MSD

Quant Time: Apr 23 02:04:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
Qlast Update : Sat Apr 23 01:57:52 2022  
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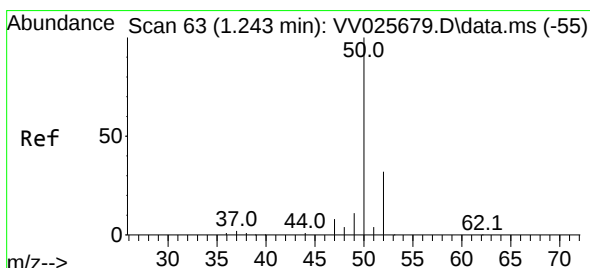
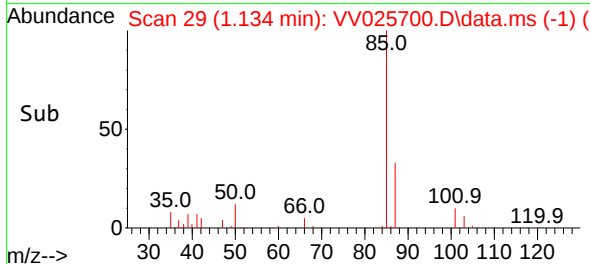
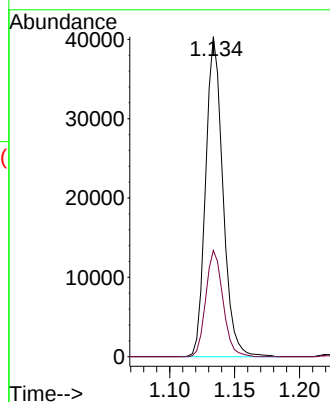
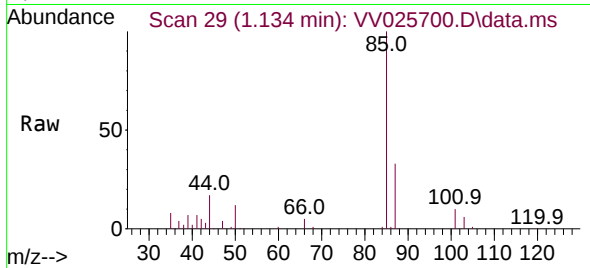




#2  
 Dichlorodifluoromethane  
 Concen: 3.065 ug/L  
 RT: 1.134 min Scan# 29  
 Delta R.T. 0.000 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

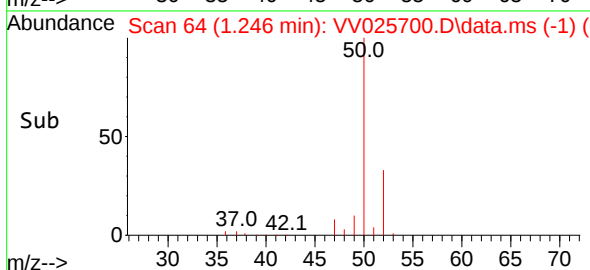
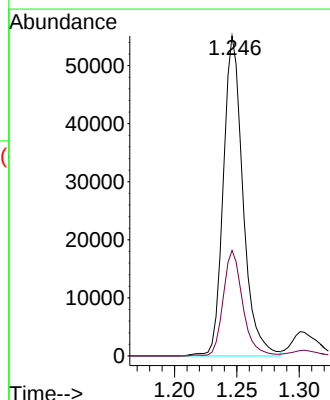
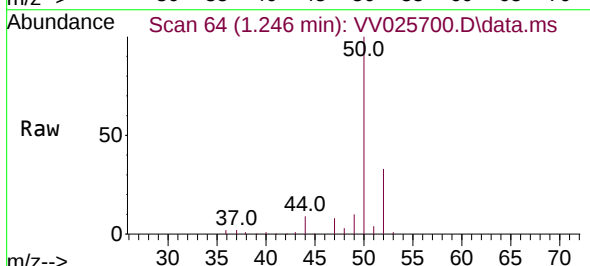
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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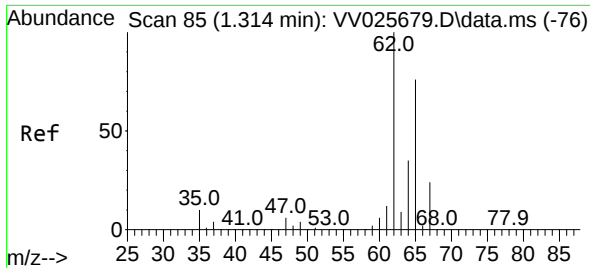
Tgt Ion: 85 Resp: 37371  
 Ion Ratio Lower Upper  
 85 100  
 87 33.0 25.6 38.4



#3  
 Chloromethane  
 Concen: 4.566 ug/L  
 RT: 1.246 min Scan# 64  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

Tgt Ion: 50 Resp: 60497  
 Ion Ratio Lower Upper  
 50 100  
 52 33.0 23.7 43.9

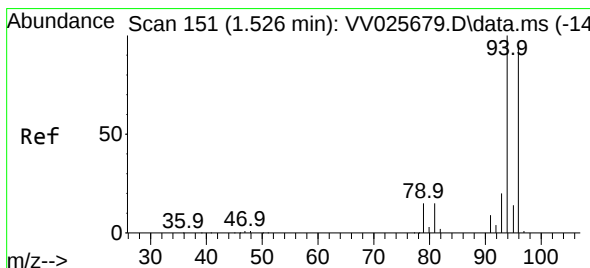
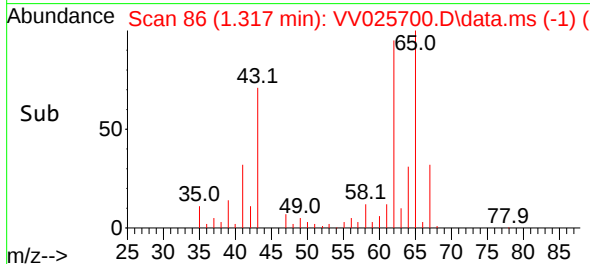
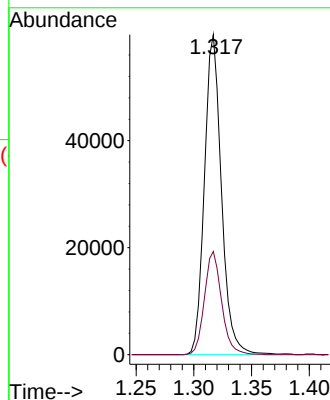
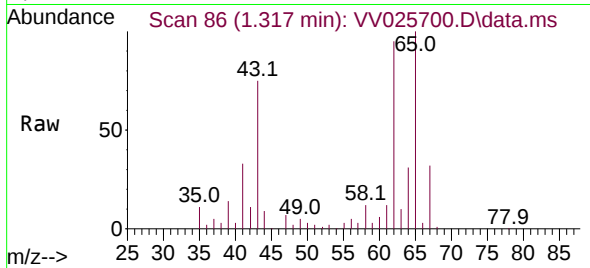




#5  
 Vinyl chloride  
 Concen: 4.089 ug/L  
 RT: 1.317 min Scan# 80  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

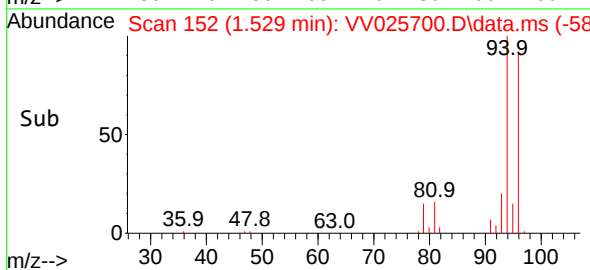
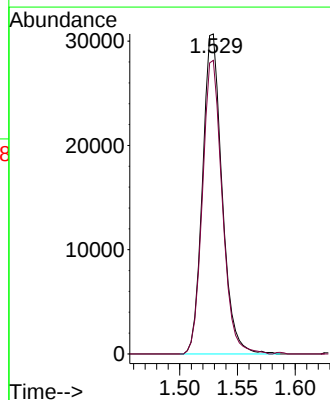
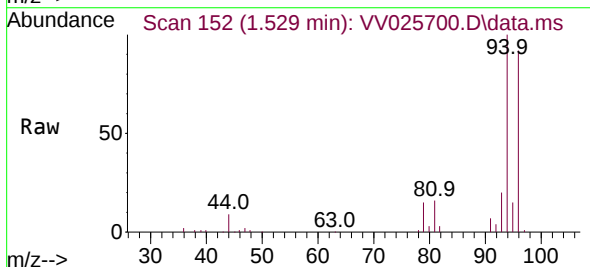
Instrument :  
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 ClientSampleId :  
 EW6W6MSD

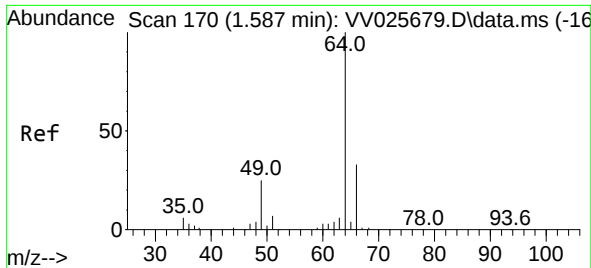
Tgt Ion: 62 Resp: 61214  
 Ion Ratio Lower Upper  
 62 100  
 64 32.3 23.2 43.2



#6  
 Bromomethane  
 Concen: 3.354 ug/L  
 RT: 1.529 min Scan# 152  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

Tgt Ion: 94 Resp: 36203  
 Ion Ratio Lower Upper  
 94 100  
 96 91.8 66.1 122.7





#8

Chloroethane

Concen: 3.723 ug/L

RT: 1.590 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

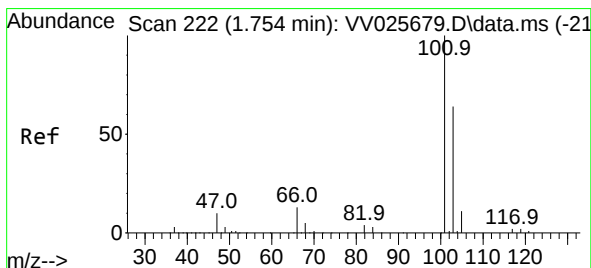
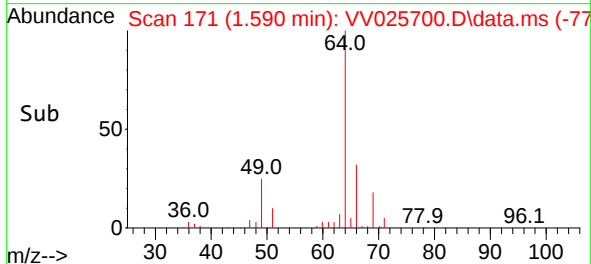
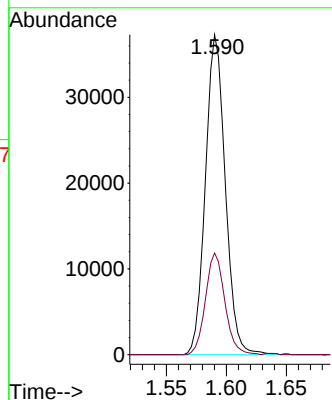
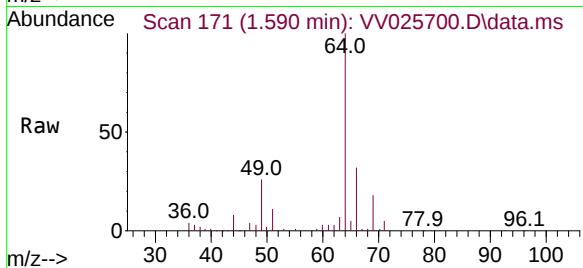
EW6W6MSD

Tgt Ion: 64 Resp: 43026

Ion Ratio Lower Upper

64 100

66 31.8 21.8 40.6



#9

Trichlorofluoromethane

Concen: 3.666 ug/L

RT: 1.761 min Scan# 224

Delta R.T. 0.006 min

Lab File: VV025700.D

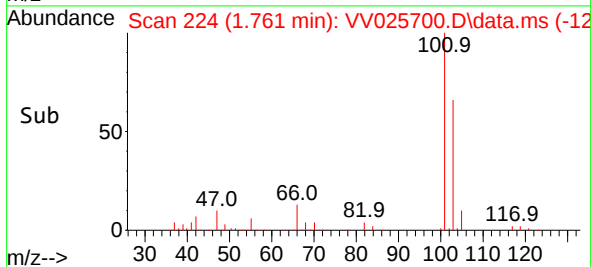
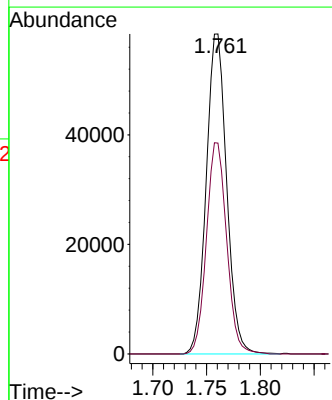
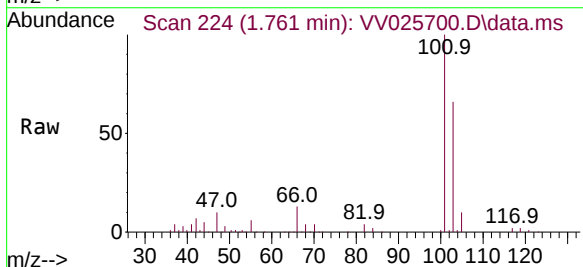
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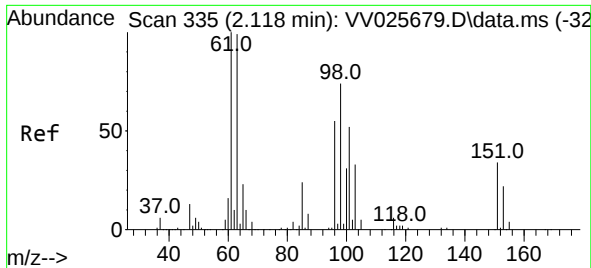
Tgt Ion:101 Resp: 77077

Ion Ratio Lower Upper

101 100

103 65.4 51.9 77.9

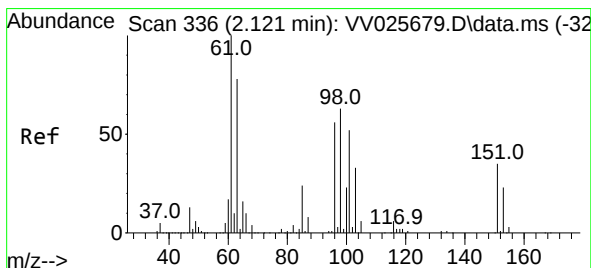
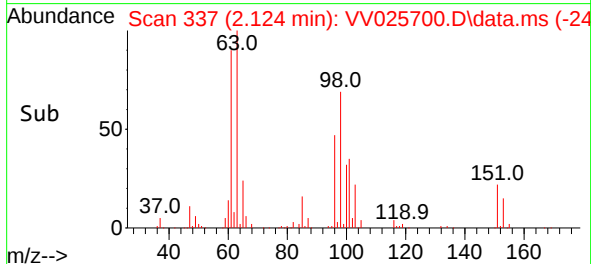
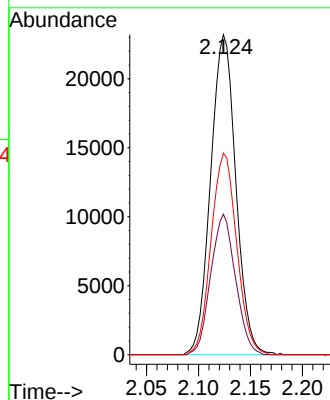
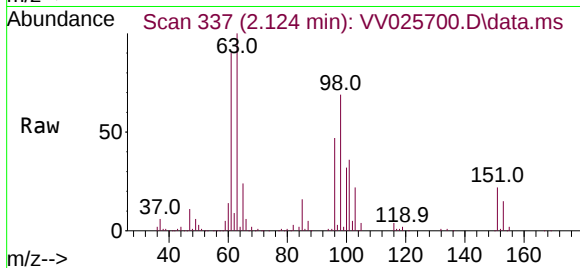




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 3.314 ug/L  
 RT: 2.124 min Scan# 337  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

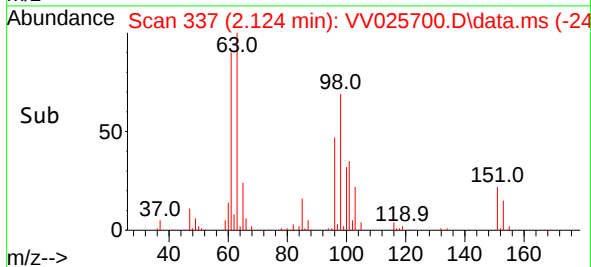
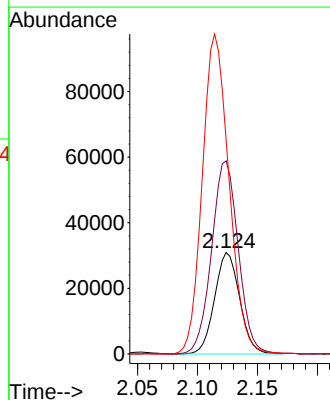
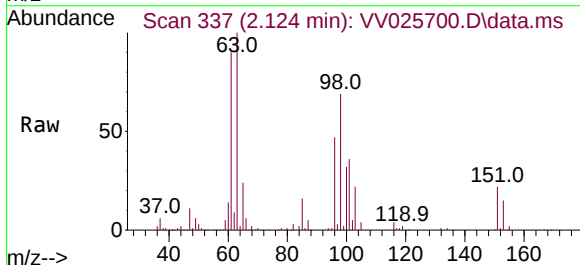
Instrument :  
 MSVOA\_V  
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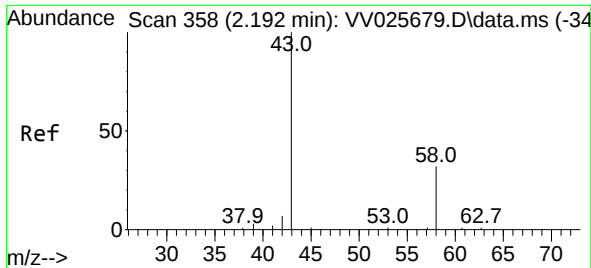
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 Ion Ratio Lower Upper  
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 151 64.1 56.0 84.0



#12  
 1,1-Dichloroethene  
 Concen: 3.832 ug/L  
 RT: 2.124 min Scan# 337  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

Tgt Ion: 96 Resp: 44858  
 Ion Ratio Lower Upper  
 96 100  
 61 190.3 125.2 232.4  
 63 211.0 114.4 212.4





#13

Acetone

Concen: 52.783 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

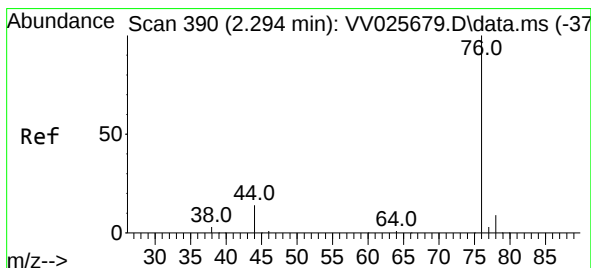
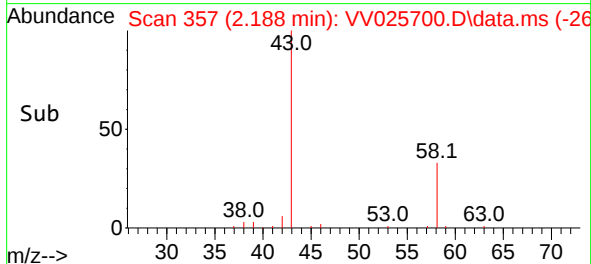
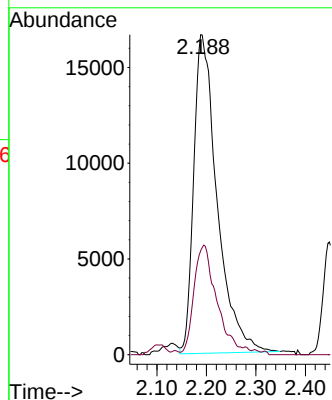
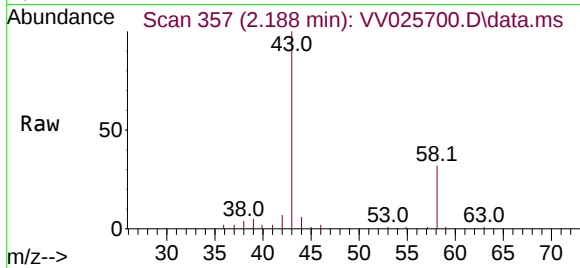
EW6W6MSD

Tgt Ion: 43 Resp: 54684

Ion Ratio Lower Upper

43 100

58 31.7 0.0 72.2



#14

Carbon disulfide

Concen: 3.341 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025700.D

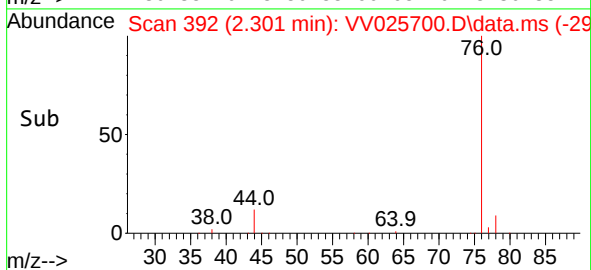
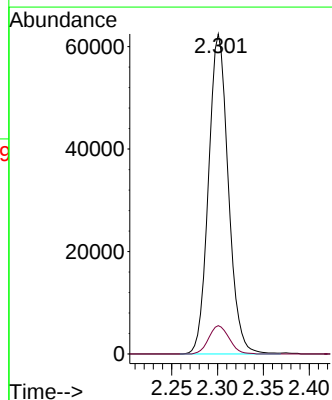
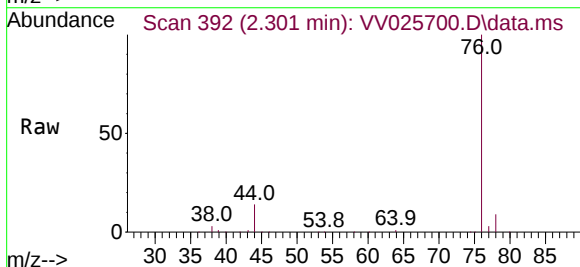
Acq: 22 Apr 2022 22:56

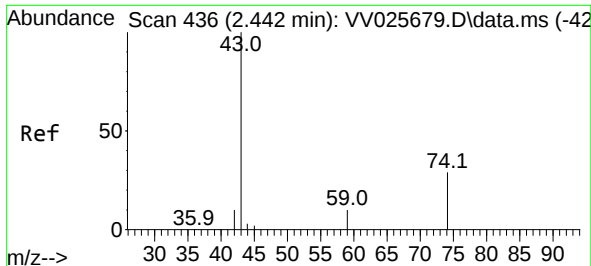
Tgt Ion: 76 Resp: 93612

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

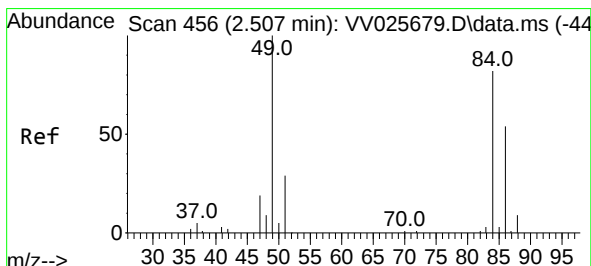
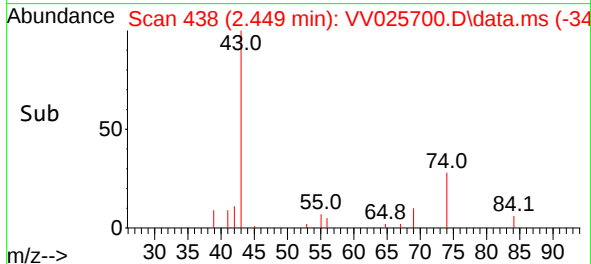
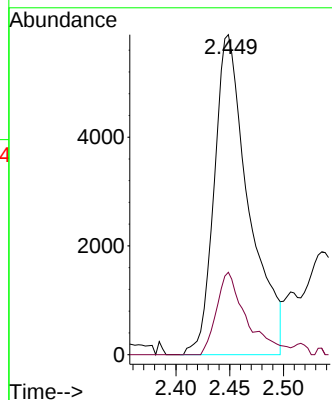
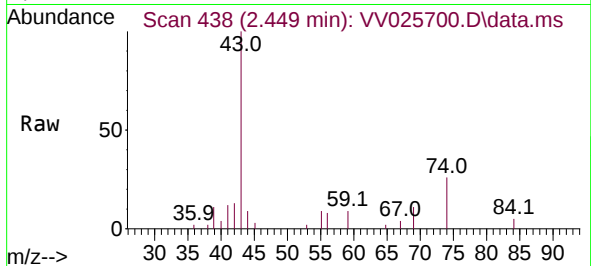




#15  
Methyl Acetate  
Concen: 5.695 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.010 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

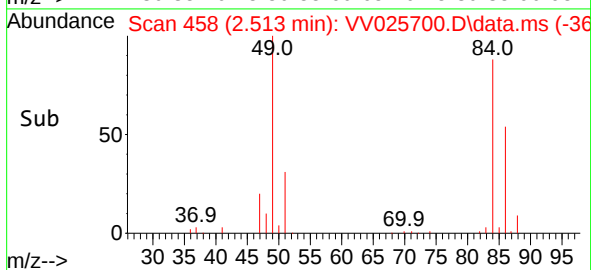
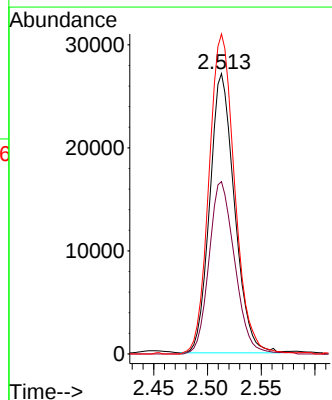
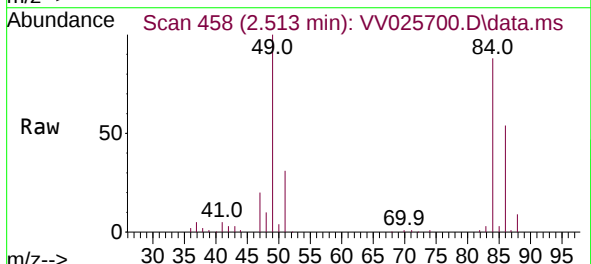
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

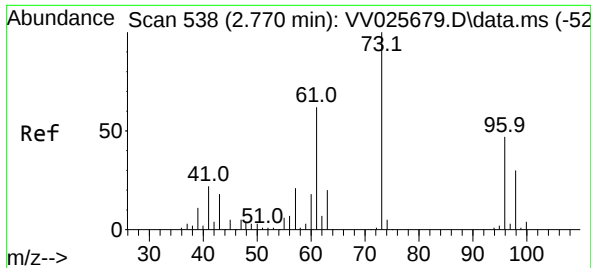
Tgt Ion: 43 Resp: 13113  
Ion Ratio Lower Upper  
43 100  
74 22.7 25.2 37.8#



#16  
Methylene chloride  
Concen: 3.828 ug/L  
RT: 2.513 min Scan# 458  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 84 Resp: 43451  
Ion Ratio Lower Upper  
84 100  
86 61.5 45.9 85.3  
49 114.1 76.6 142.3

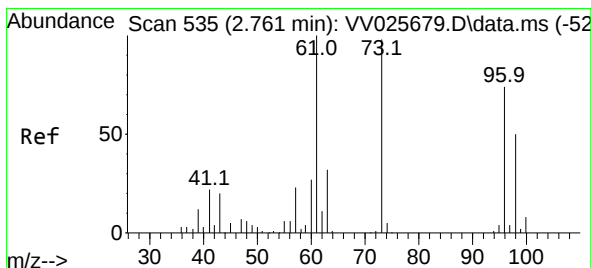
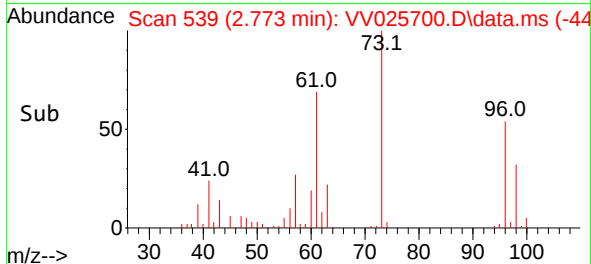
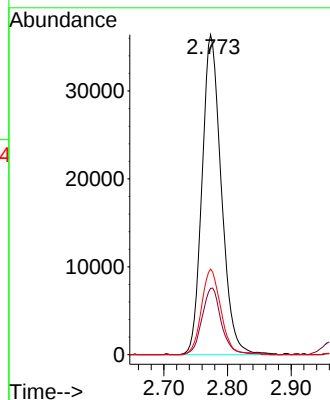
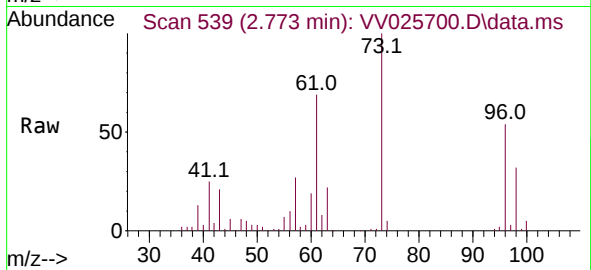




#17  
Methyl tert-butyl Ether  
Concen: 4.232 ug/L  
RT: 2.773 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

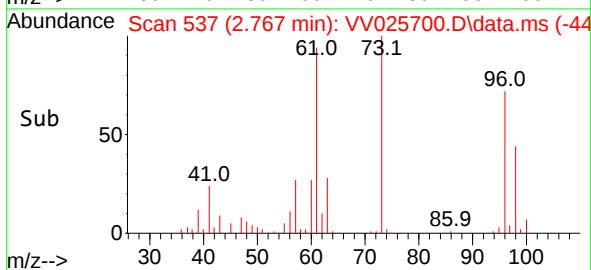
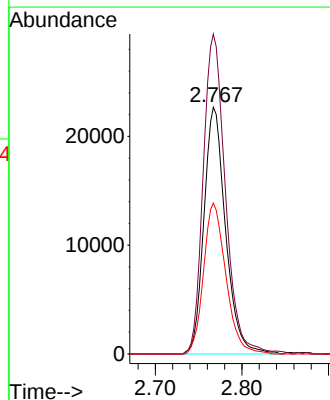
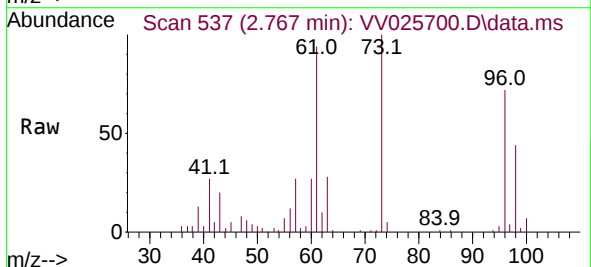
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

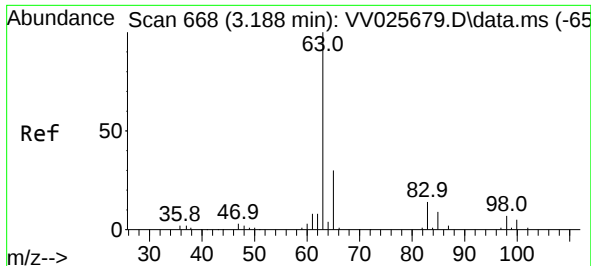
Tgt Ion: 73 Resp: 76661  
Ion Ratio Lower Upper  
73 100  
43 20.9 14.2 21.4  
57 26.9 16.1 24.1#



#18  
trans-1,2-Dichloroethene  
Concen: 4.018 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 96 Resp: 39415  
Ion Ratio Lower Upper  
96 100  
61 129.7 92.1 171.1  
98 61.1 47.5 88.1

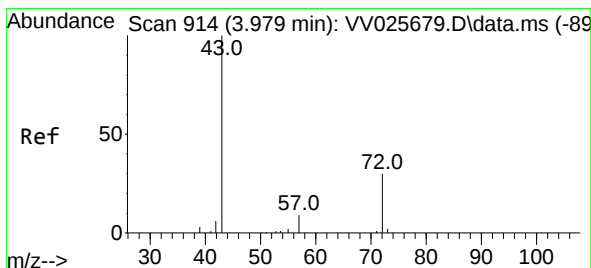
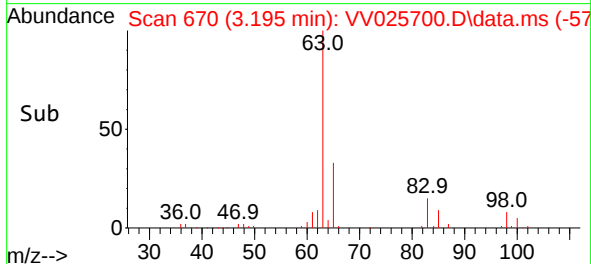
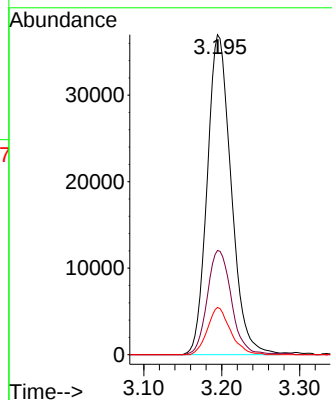
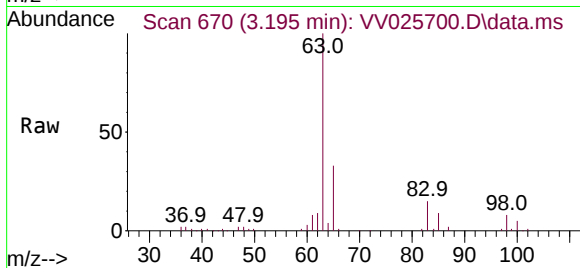




#19  
1,1-Dichloroethane  
Concen: 4.758 ug/L  
RT: 3.195 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

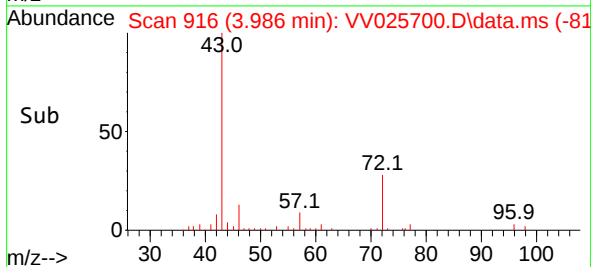
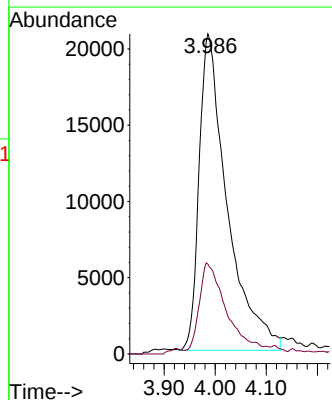
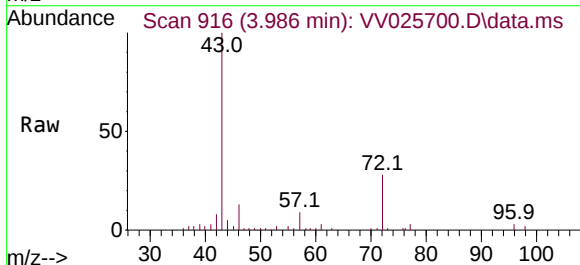
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

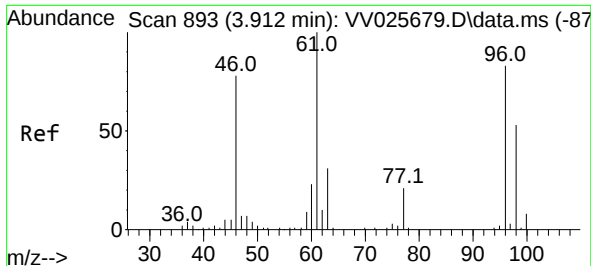
Tgt Ion: 63 Resp: 79053  
Ion Ratio Lower Upper  
63 100  
65 32.5 23.2 43.0  
83 14.7 9.0 16.8



#21  
2-Butanone  
Concen: 55.457 ug/L  
RT: 3.986 min Scan# 916  
Delta R.T. 0.016 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 43 Resp: 79389  
Ion Ratio Lower Upper  
43 100  
72 27.4 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.762 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

EW6W6MSD

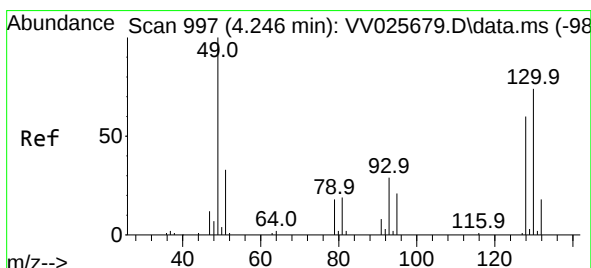
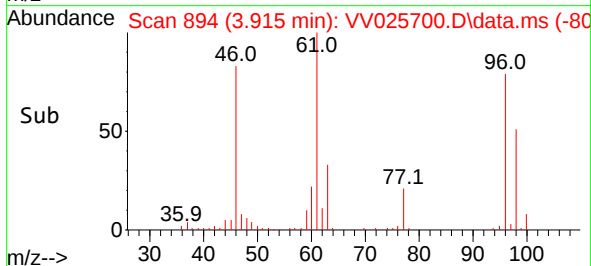
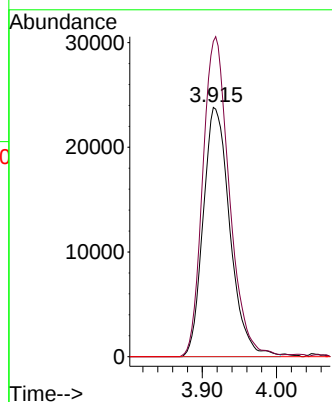
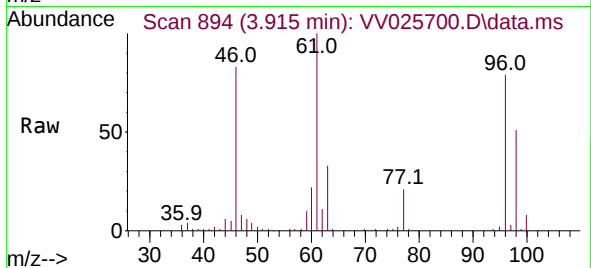
Tgt Ion: 96 Resp: 59503

Ion Ratio Lower Upper

96 100

61 126.5 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.332 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.010 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Tgt Ion:128 Resp: 18573

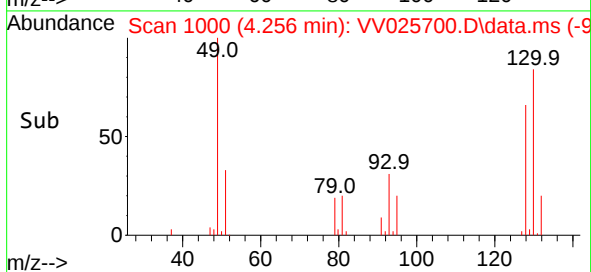
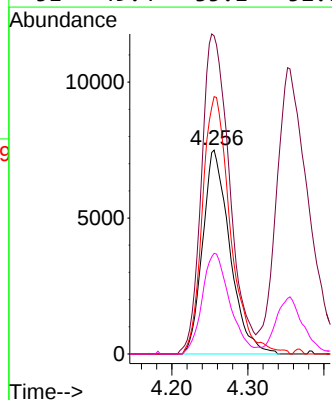
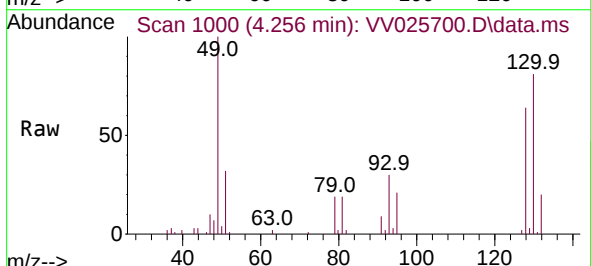
Ion Ratio Lower Upper

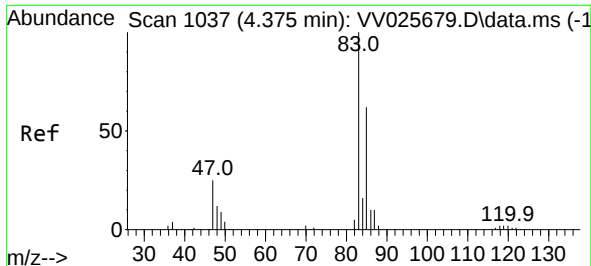
128 100

49 156.0 100.5 186.7

130 126.2 87.8 163.0

51 49.4 35.1 52.7





#25

Chloroform

Concen: 4.900 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

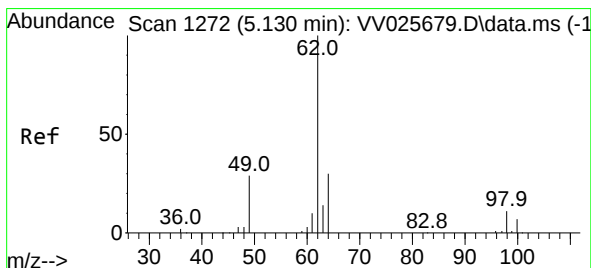
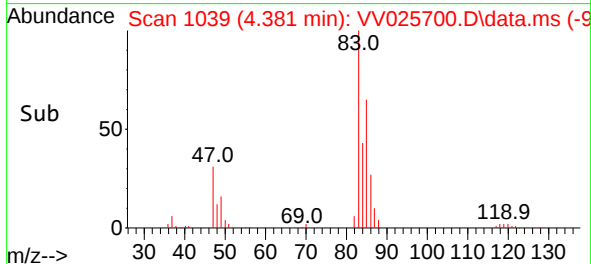
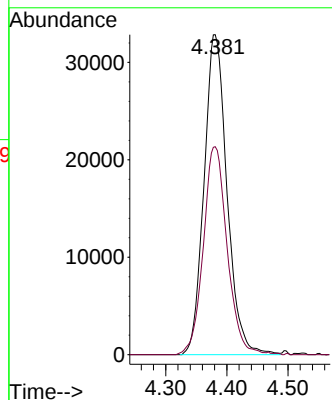
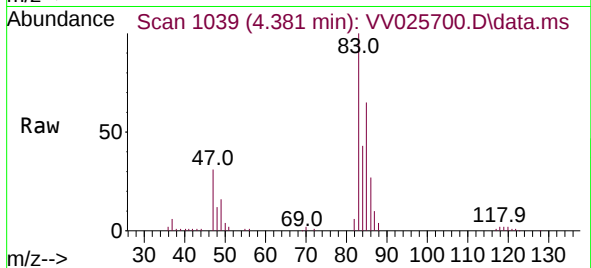
EW6W6MSD

Tgt Ion: 83 Resp: 85943

Ion Ratio Lower Upper

83 100

85 65.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 4.828 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV025700.D

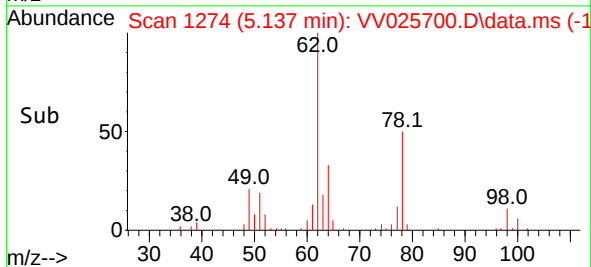
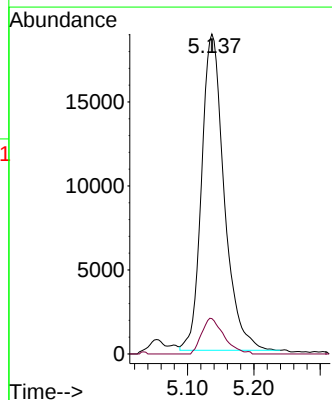
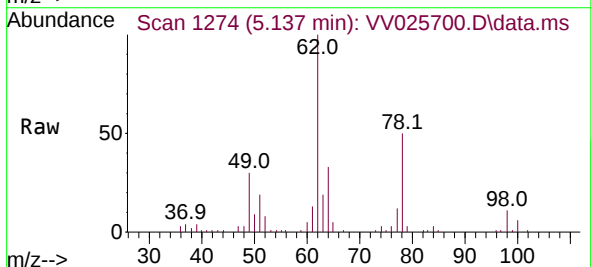
Acq: 22 Apr 2022 22:56

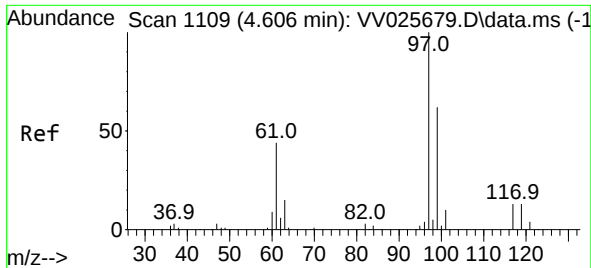
Tgt Ion: 62 Resp: 44679

Ion Ratio Lower Upper

62 100

98 11.1 8.8 13.2

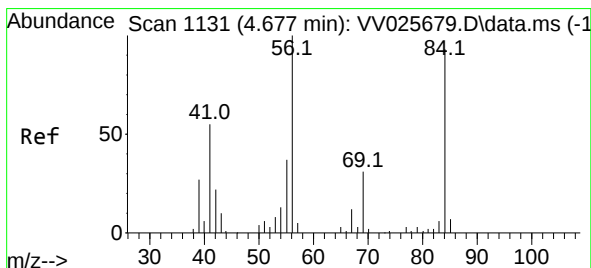
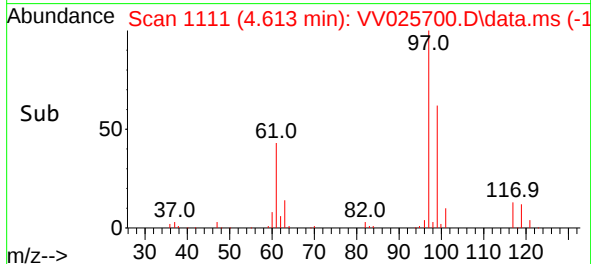
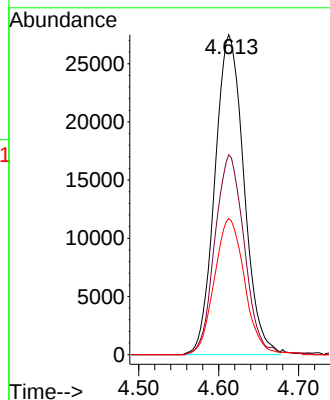
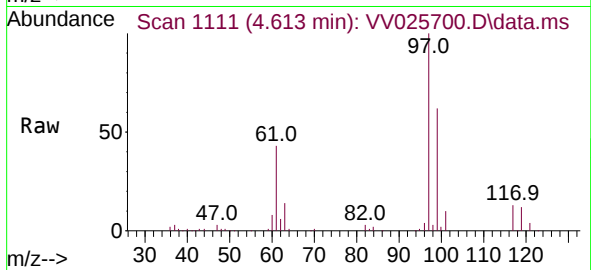




#29  
1,1,1-Trichloroethane  
Concen: 4.438 ug/L  
RT: 4.613 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

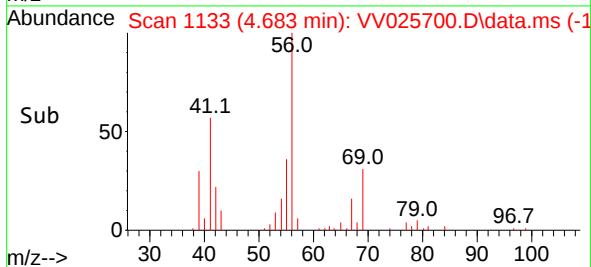
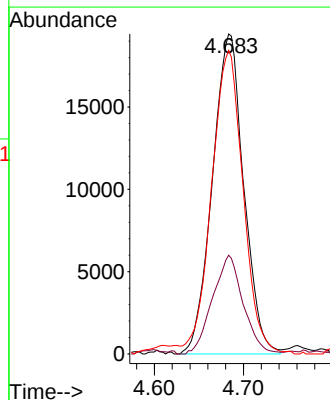
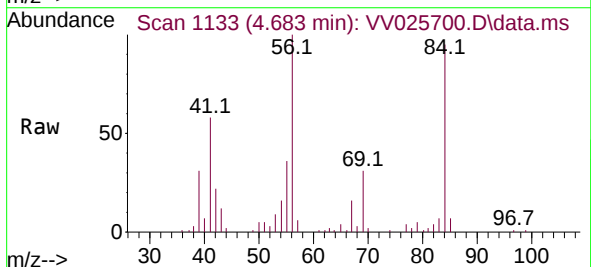
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

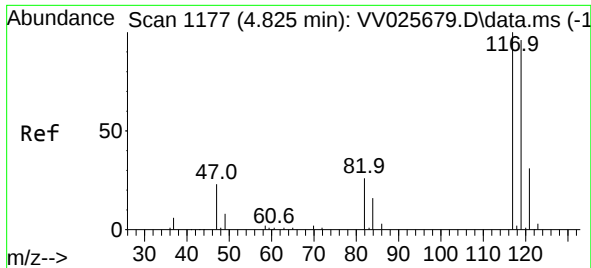
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 69386 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 63.4     | 51.5 77.3   |
| 61 44.2     | 34.3 51.5   |



#30  
Cyclohexane  
Concen: 3.340 ug/L  
RT: 4.683 min Scan# 1133  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

|             |             |
|-------------|-------------|
| Tgt Ion: 56 | Resp: 47469 |
| Ion Ratio   | Lower Upper |
| 56 100      |             |
| 69 30.2     | 26.1 39.1   |
| 84 95.5     | 78.6 118.0  |

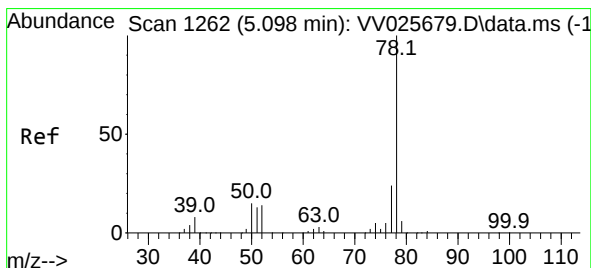
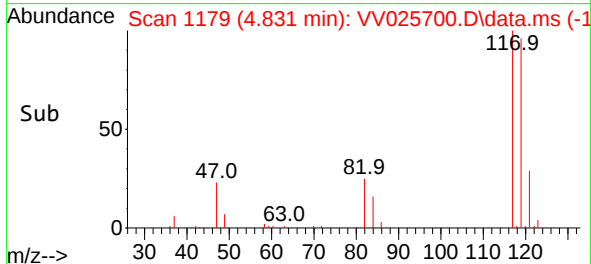
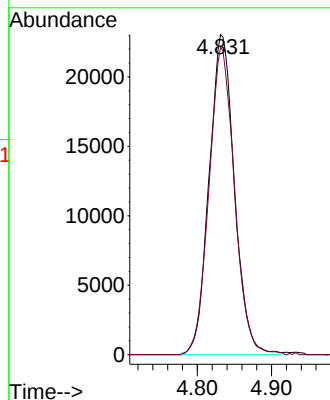
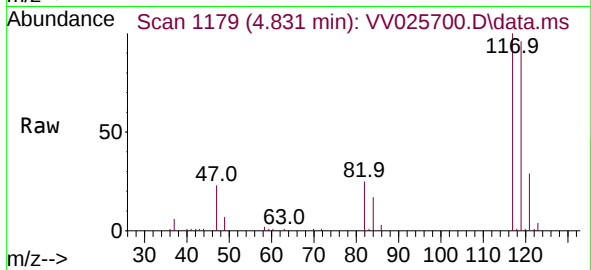




#31  
Carbon tetrachloride  
Concen: 4.122 ug/L  
RT: 4.831 min Scan# 1177  
Delta R.T. 0.006 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

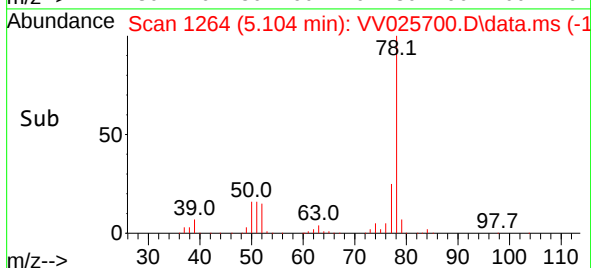
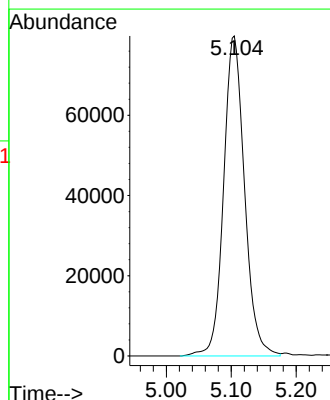
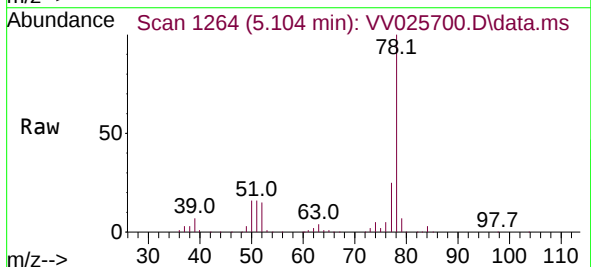
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

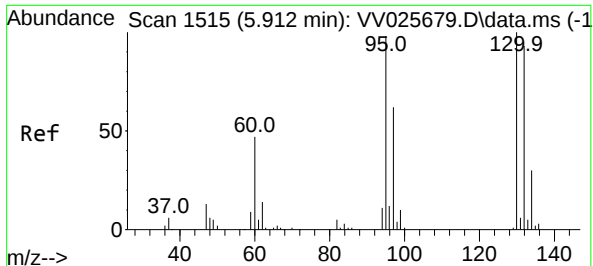
Tgt Ion:117 Resp: 54504  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.6 114.8



#33  
Benzene  
Concen: 4.554 ug/L  
RT: 5.104 min Scan# 1264  
Delta R.T. 0.010 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 78 Resp: 178322





#34

Trichloroethene

Concen: 26.288 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

EW6W6MSD

Tgt Ion: 95 Resp: 273305

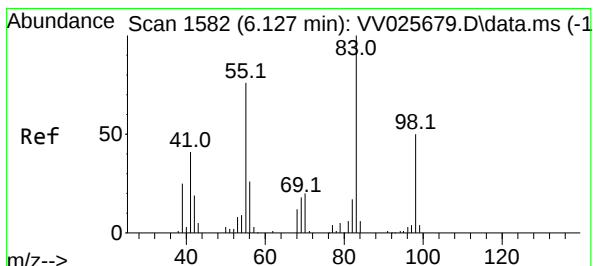
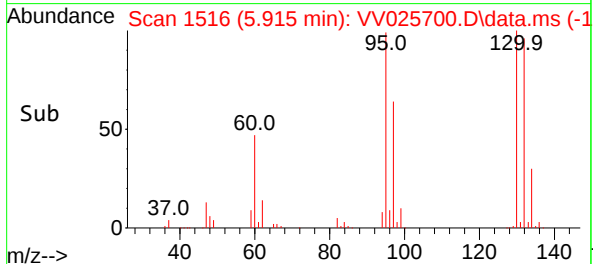
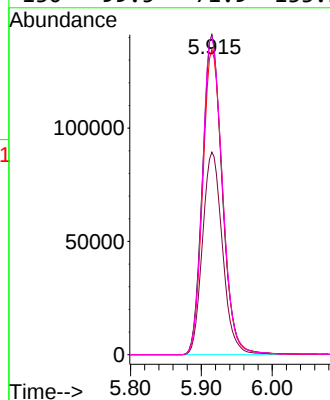
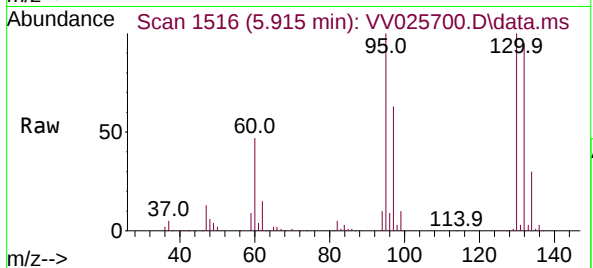
Ion Ratio Lower Upper

95 100

97 63.3 45.8 85.2

132 95.3 68.0 126.4

130 99.5 71.9 133.5



#35

Methylcyclohexane

Concen: 3.075 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

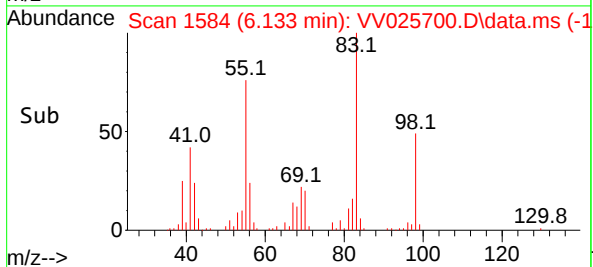
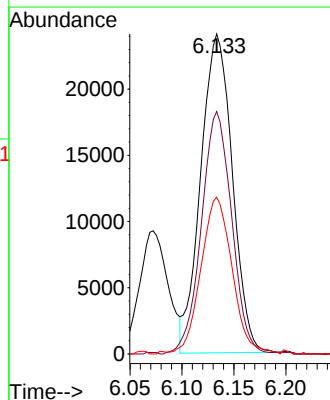
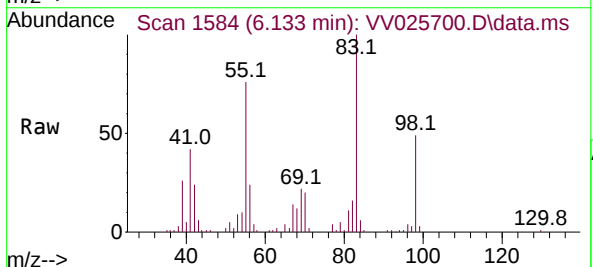
Tgt Ion: 83 Resp: 51018

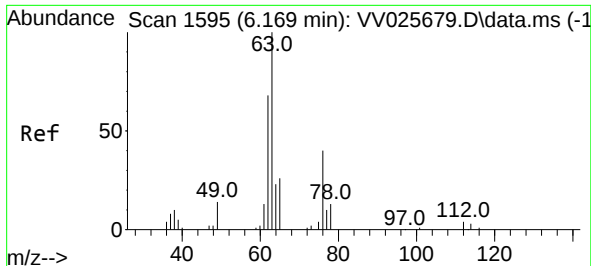
Ion Ratio Lower Upper

83 100

55 73.0 53.7 80.5

98 48.4 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.715 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

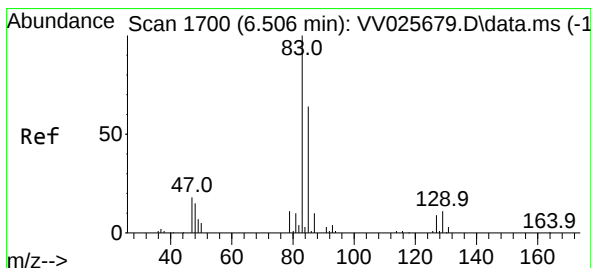
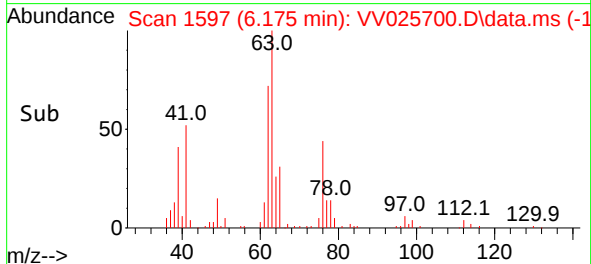
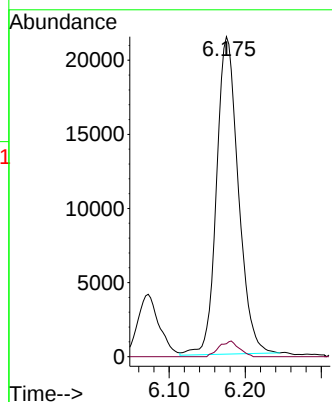
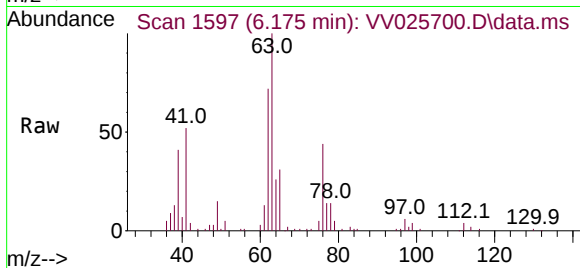
EW6W6MSD

Tgt Ion: 63 Resp: 42710

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 4.836 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

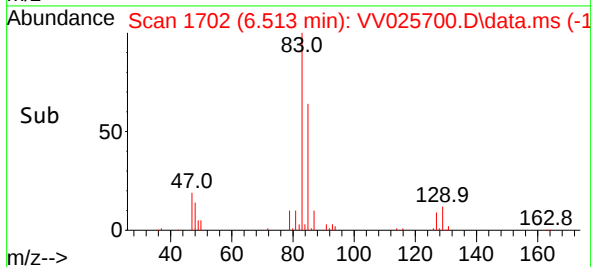
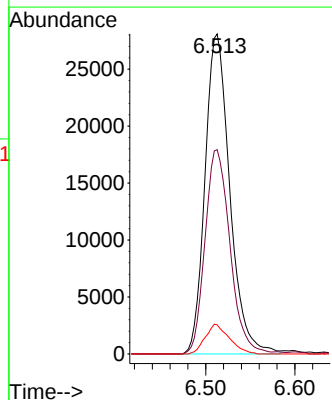
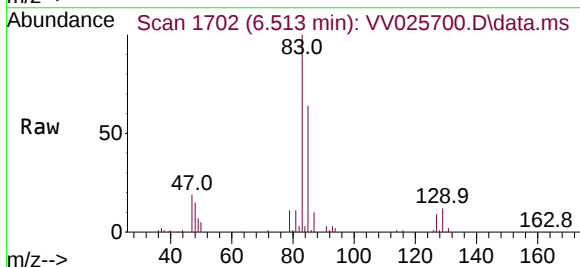
Tgt Ion: 83 Resp: 54381

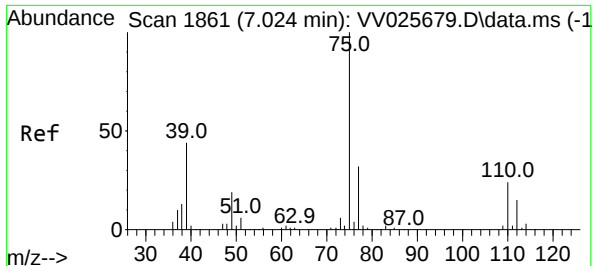
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.475 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

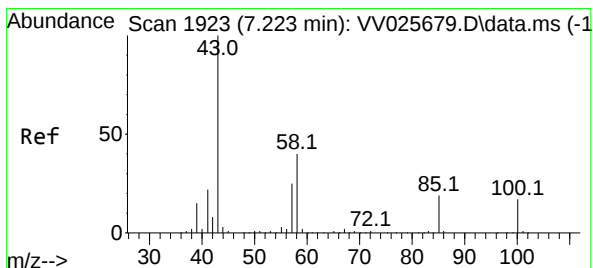
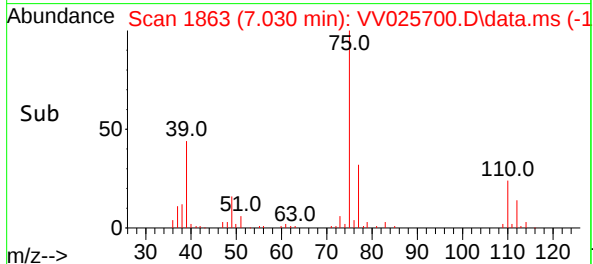
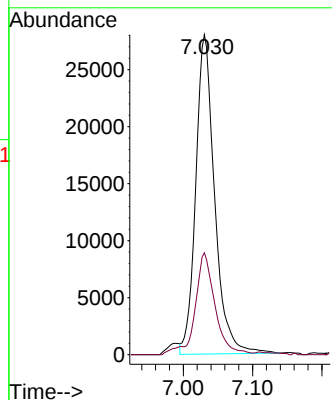
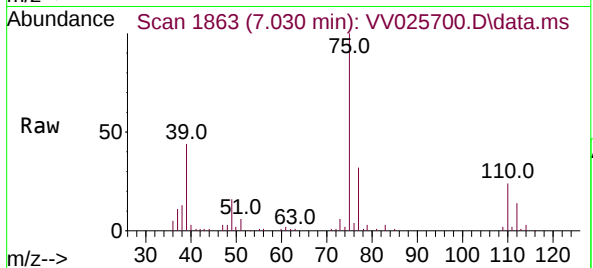
EW6W6MSD

Tgt Ion: 75 Resp: 53120

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.572 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

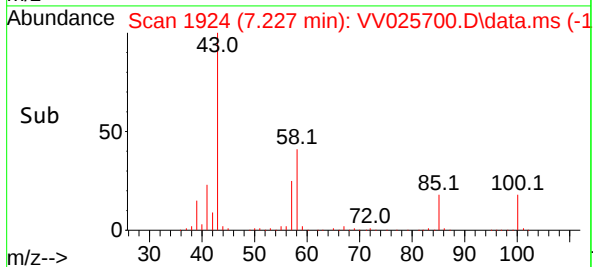
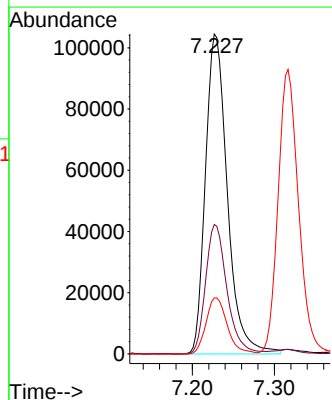
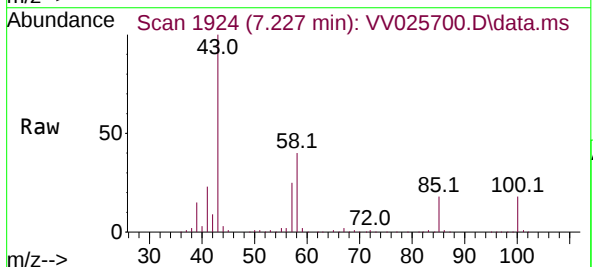
Tgt Ion: 43 Resp: 194304

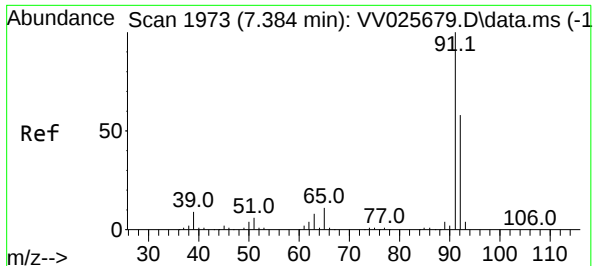
Ion Ratio Lower Upper

43 100

58 39.5 35.1 52.7

100 17.0 15.3 22.9





#42

Toluene

Concen: 4.570 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

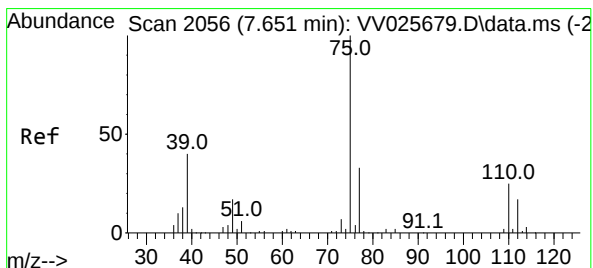
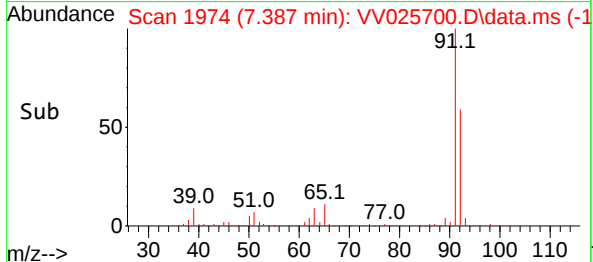
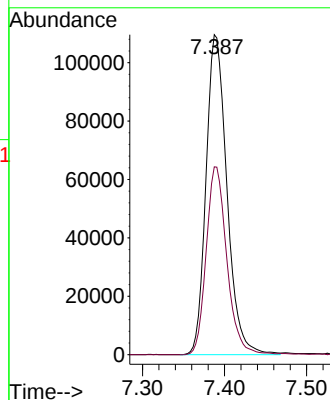
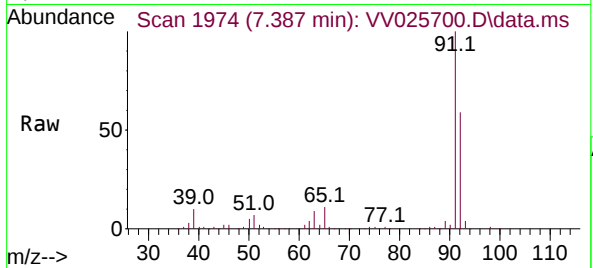
EW6W6MSD

Tgt Ion: 91 Resp: 194635

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.923 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025700.D

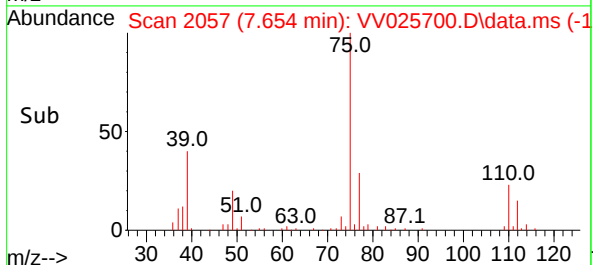
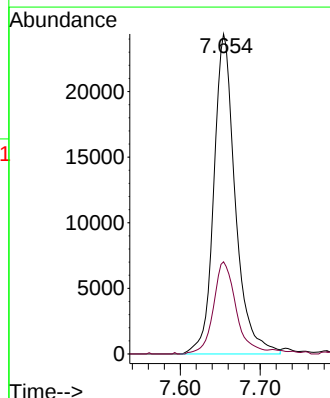
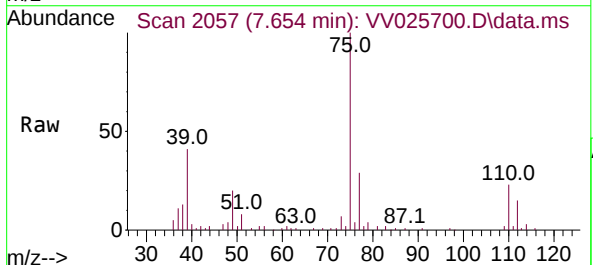
Acq: 22 Apr 2022 22:56

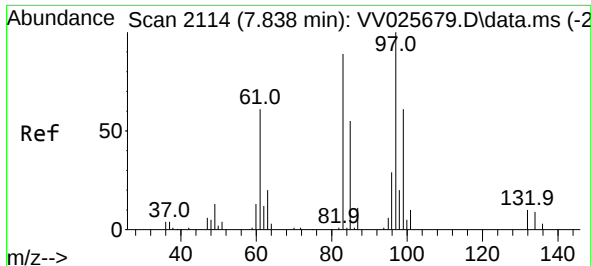
Tgt Ion: 75 Resp: 45399

Ion Ratio Lower Upper

75 100

77 28.8 21.7 40.3

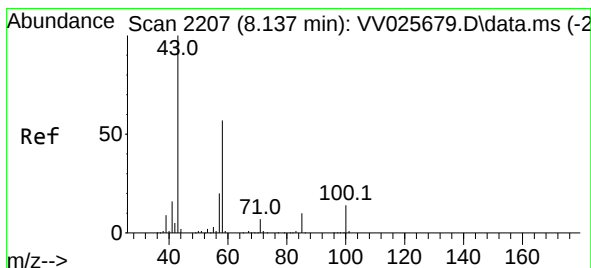
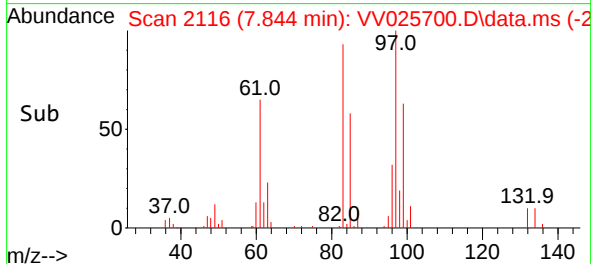
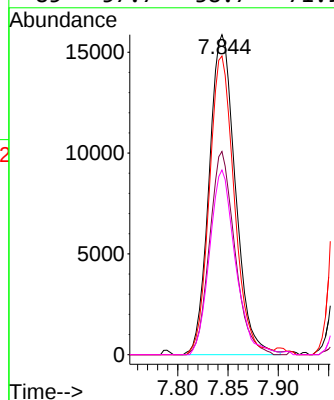
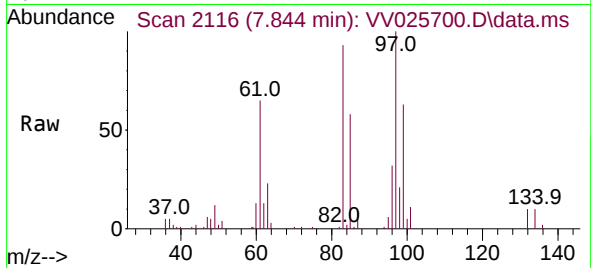




#45  
1,1,2-Trichloroethane  
Concen: 4.749 ug/L  
RT: 7.844 min Scan# 2114  
Delta R.T. 0.010 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

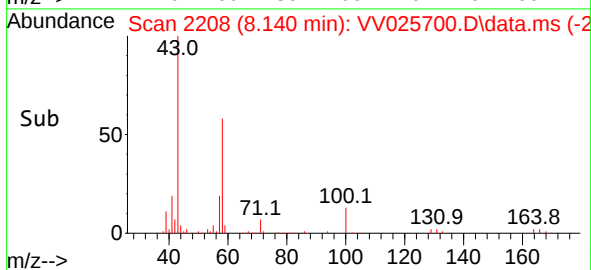
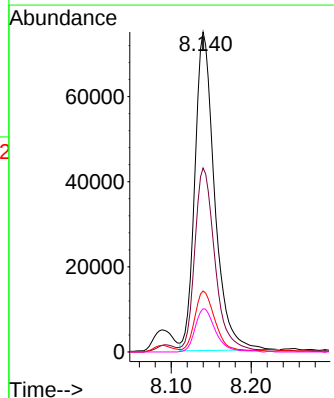
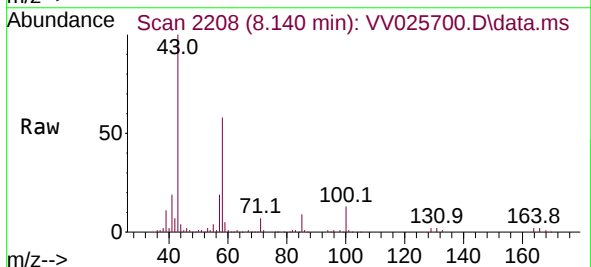
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

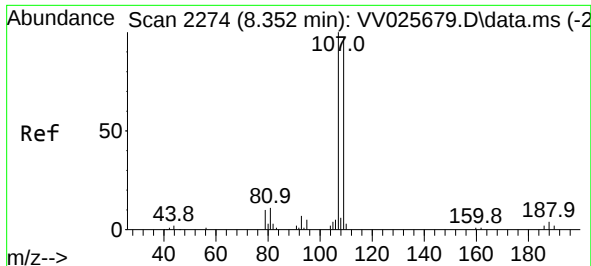
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 28809 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.5  | 43.8  | 81.4  |
| 83       | 93.4  | 60.3  | 112.1 |
| 85       | 57.7  | 38.7  | 71.9  |



#48  
2-Hexanone  
Concen: 51.062 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 129066 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 57.9  | 49.7  | 74.5   |
| 57       | 19.1  | 16.4  | 24.6   |
| 100      | 13.9  | 12.9  | 19.3   |





#50

1,2-Dibromoethane

Concen: 4.123 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

EW6W6MSD

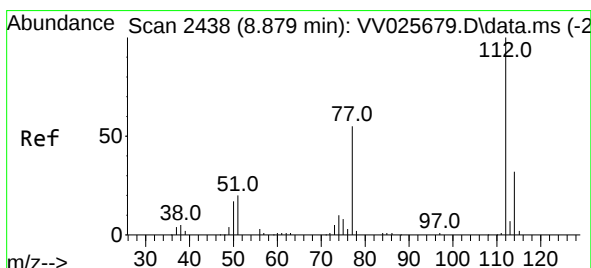
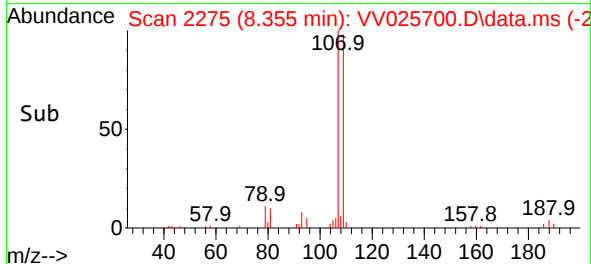
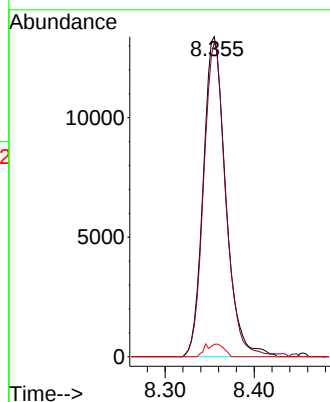
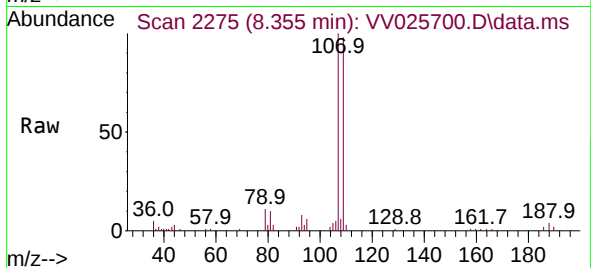
Tgt Ion:107 Resp: 23490

Ion Ratio Lower Upper

107 100

109 98.4 65.9 122.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 3.955 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

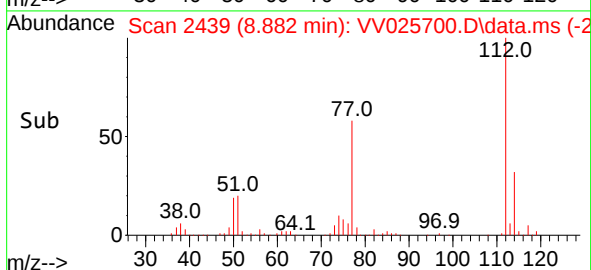
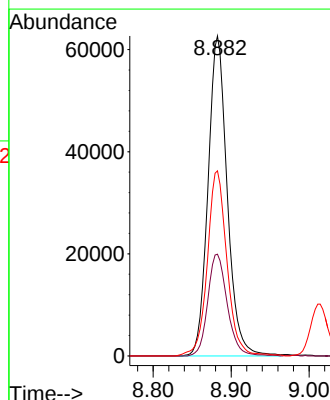
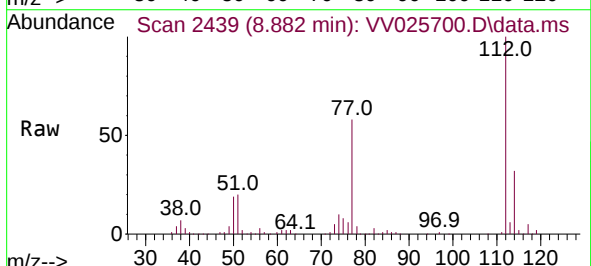
Tgt Ion:112 Resp: 107573

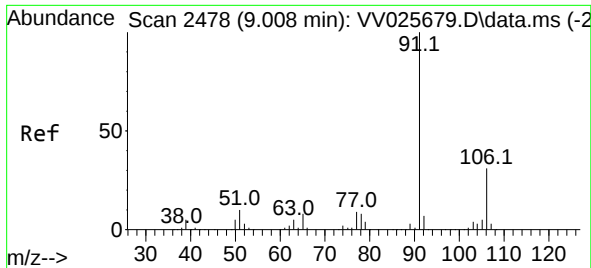
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 57.9 43.7 65.5

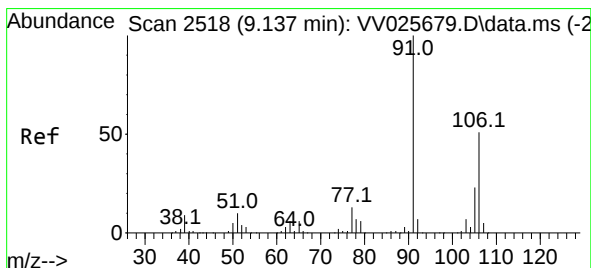
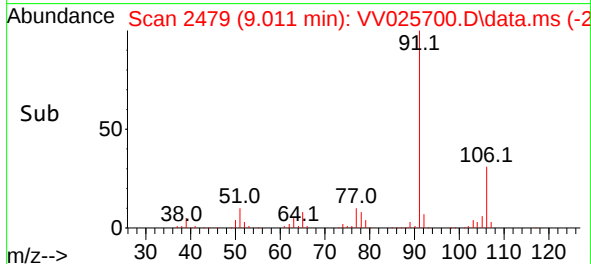
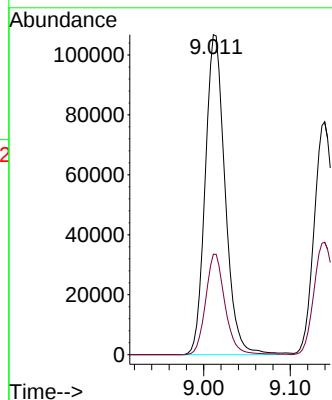
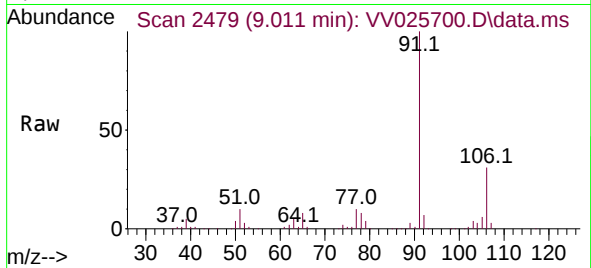




#52  
Ethylbenzene  
Concen: 3.748 ug/L  
RT: 9.011 min Scan# 2478  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

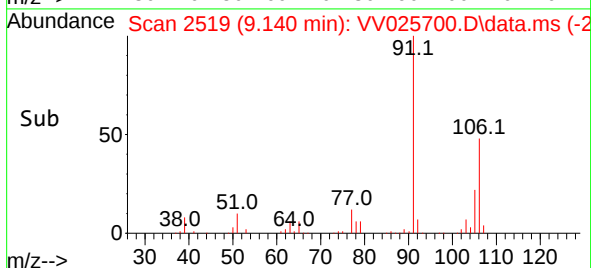
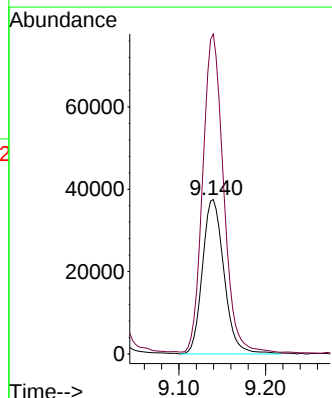
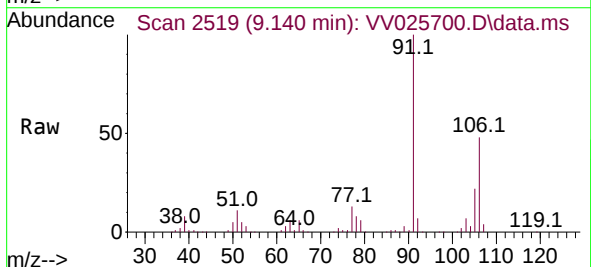
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

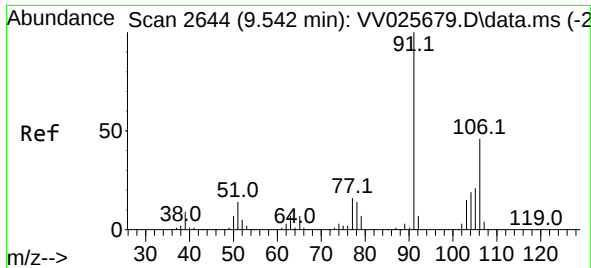
Tgt Ion: 91 Resp: 170271  
Ion Ratio Lower Upper  
91 100  
106 31.4 22.3 41.3



#53  
m,p-Xylene  
Concen: 3.761 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 106 Resp: 64967  
Ion Ratio Lower Upper  
106 100  
91 207.1 136.4 253.4

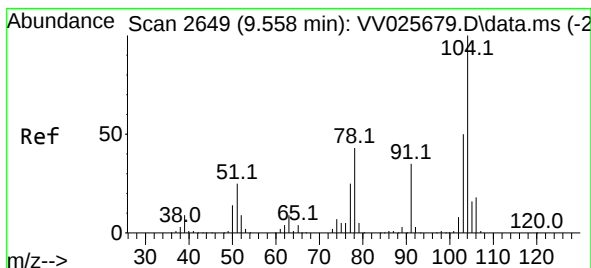
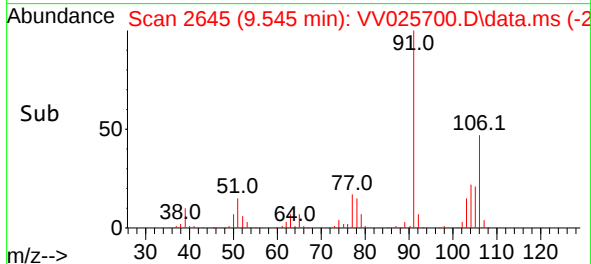
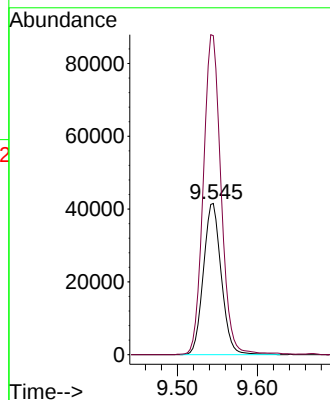
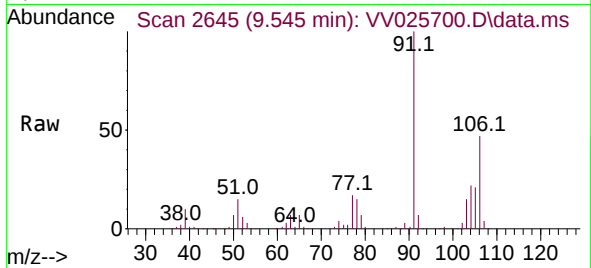




#54  
o-Xylene  
Concen: 3.857 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

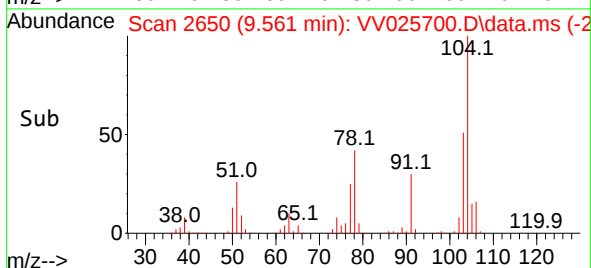
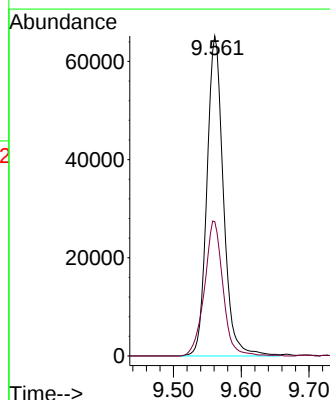
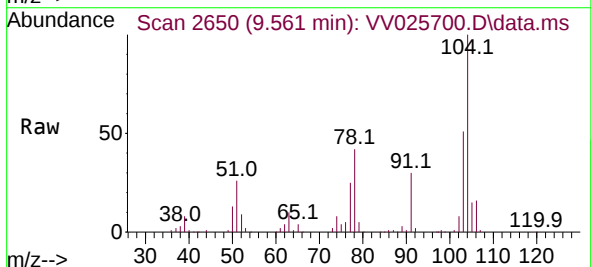
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

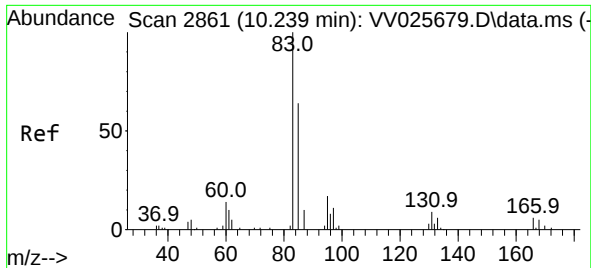
Tgt Ion:106 Resp: 64696  
Ion Ratio Lower Upper  
106 100  
91 211.0 150.4 279.2



#55  
Styrene  
Concen: 4.043 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion:104 Resp: 110283  
Ion Ratio Lower Upper  
104 100  
78 42.0 28.3 52.7

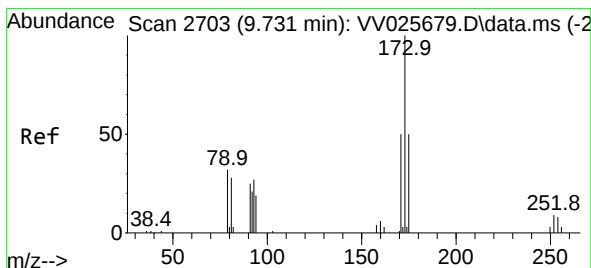
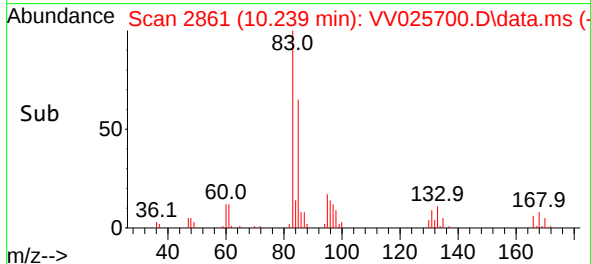
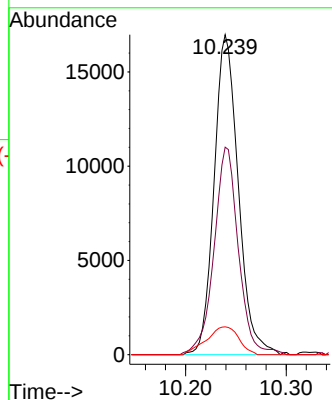
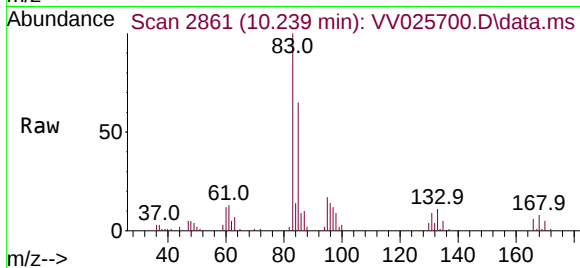




#57  
1,1,2,2-Tetrachloroethane  
Concen: 4.677 ug/L  
RT: 10.239 min Scan# 2861  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

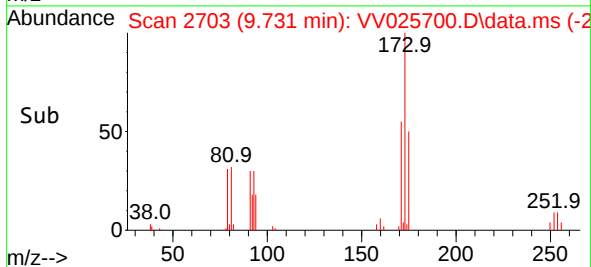
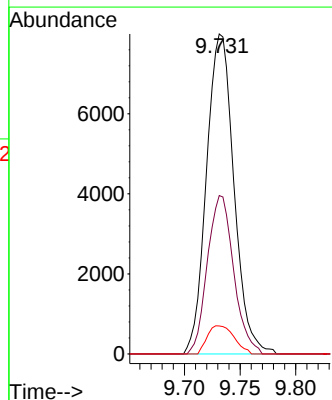
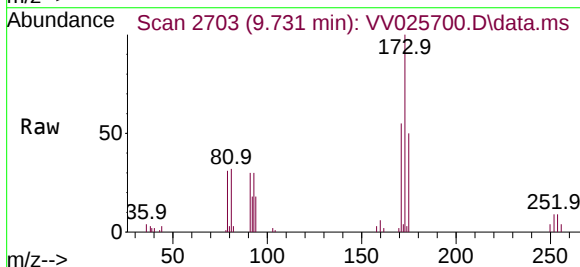
Instrument : MSVOA\_V  
ClientSampleId : EW6W6MSD

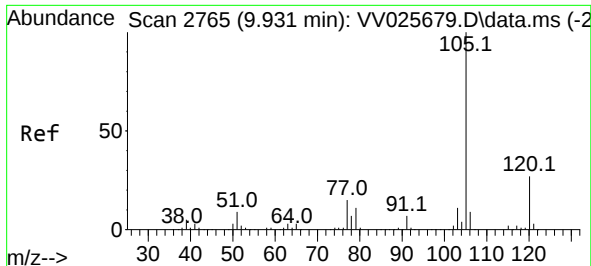
Tgt Ion: 83 Resp: 28350  
Ion Ratio Lower Upper  
83 100  
85 64.9 45.1 83.9  
131 8.7 7.9 11.9



#59  
Bromoform  
Concen: 4.856 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 173 Resp: 13693  
Ion Ratio Lower Upper  
173 100  
175 47.3 40.8 61.2  
254 8.6 7.0 10.6

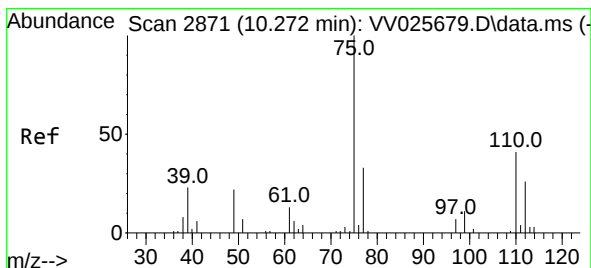
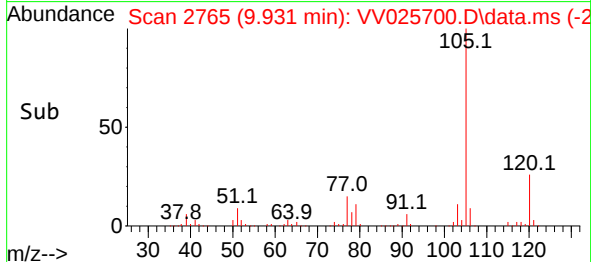
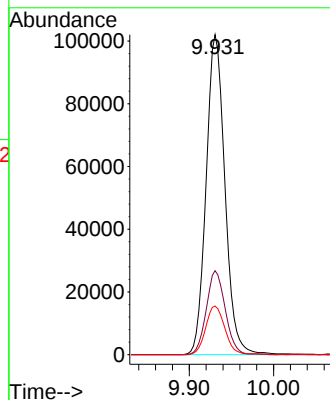
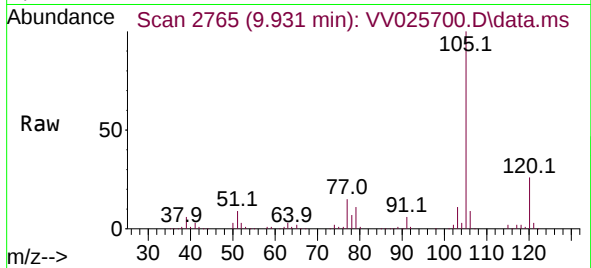




#60  
Isopropylbenzene  
Concen: 3.748 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

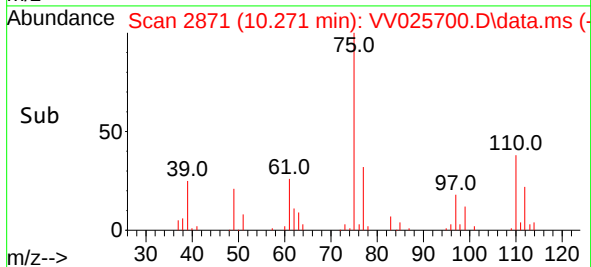
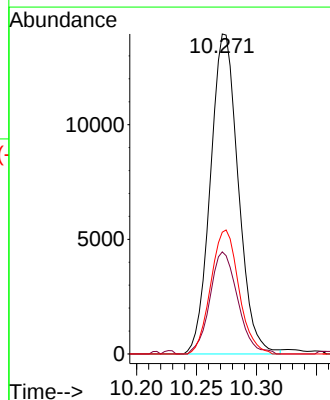
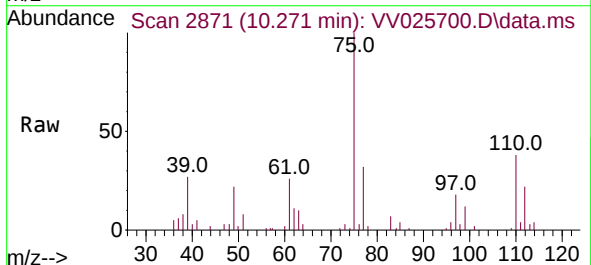
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

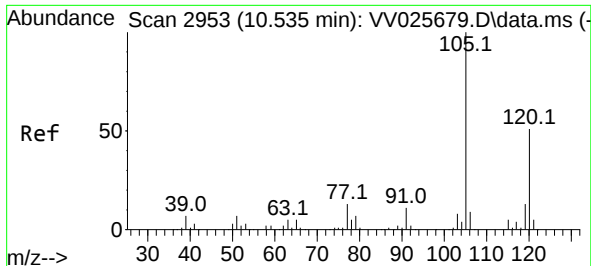
Tgt Ion:105 Resp: 158488  
Ion Ratio Lower Upper  
105 100  
120 26.5 21.2 31.8  
77 15.7 12.2 18.2



#61  
1,2,3-Trichloropropane  
Concen: 5.007 ug/L  
RT: 10.271 min Scan# 2871  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 75 Resp: 22526  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.6 38.4  
110 39.0 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.421 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025700.D

Acq: 22 Apr 2022 22:56

Instrument :

MSVOA\_V

ClientSampleId :

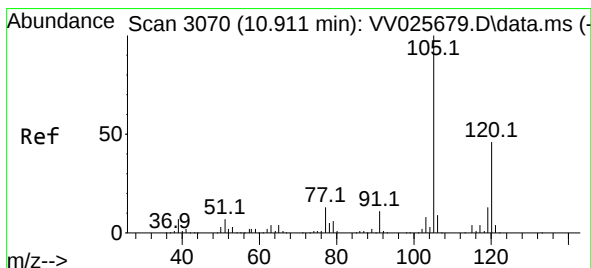
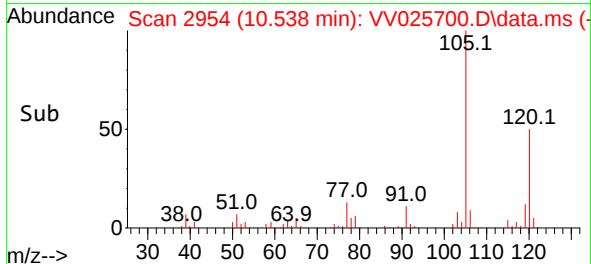
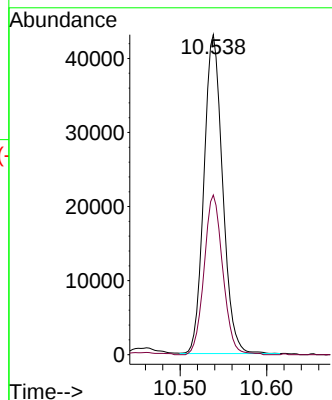
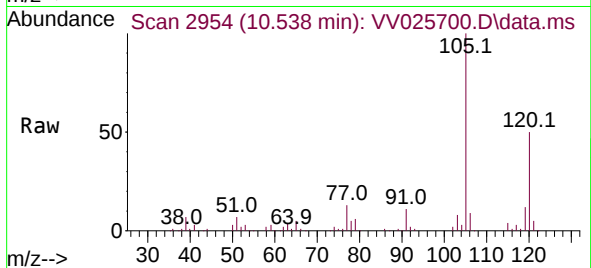
EW6W6MSD

Tgt Ion:105 Resp: 64504

Ion Ratio Lower Upper

105 100

120 50.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.615 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025700.D

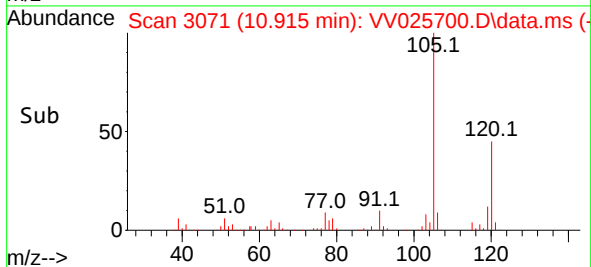
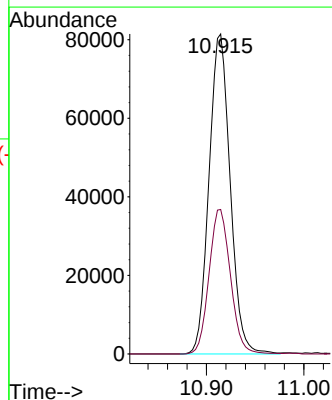
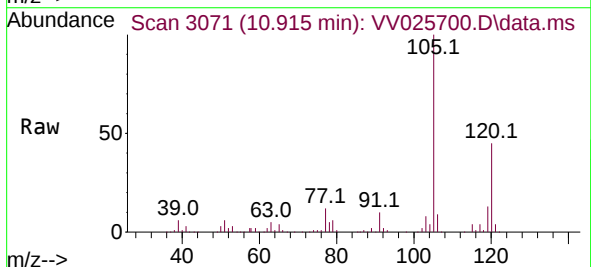
Acq: 22 Apr 2022 22:56

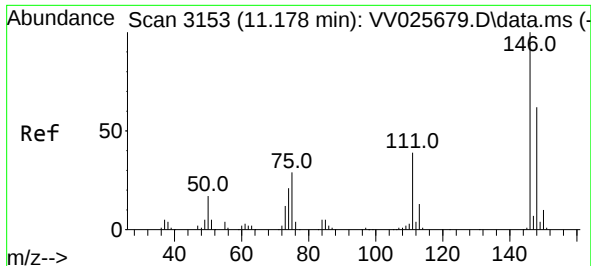
Tgt Ion:105 Resp: 122819

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0

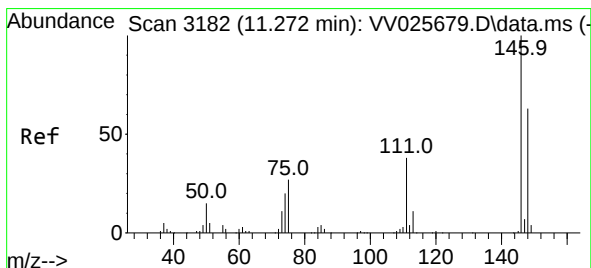
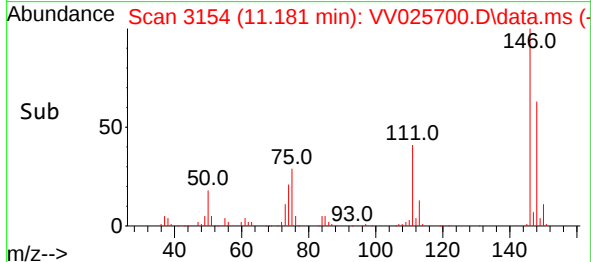
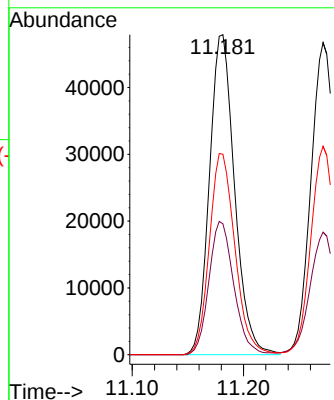
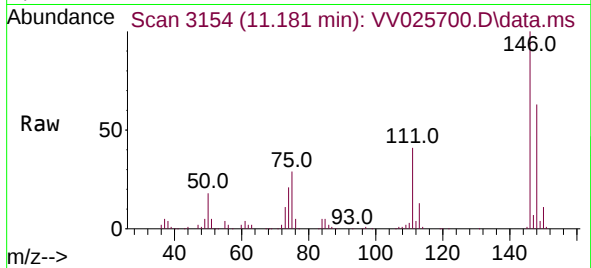




#64  
1,3-Dichlorobenzene  
Concen: 3.813 ug/L  
RT: 11.181 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

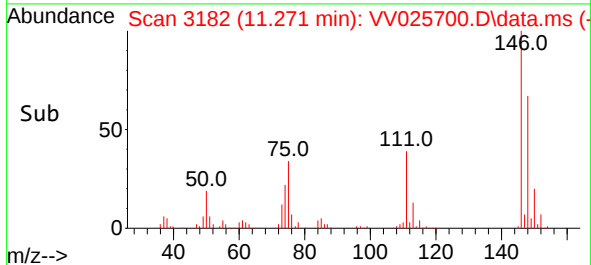
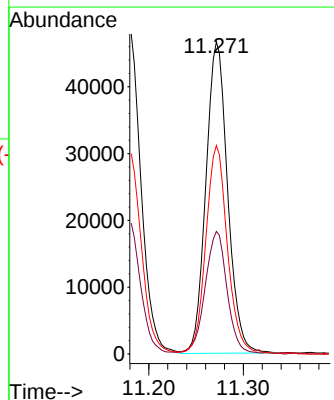
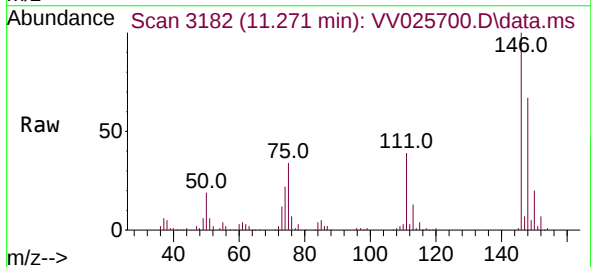
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

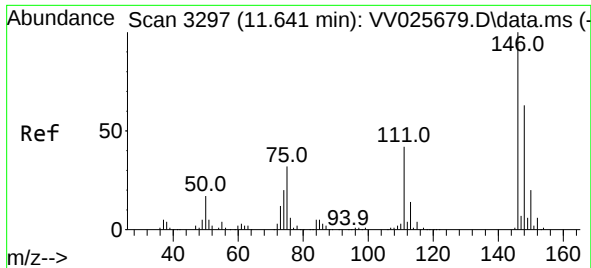
Tgt Ion:146 Resp: 75255  
Ion Ratio Lower Upper  
146 100  
111 40.9 27.4 50.8  
148 62.7 44.7 82.9



#65  
1,4-Dichlorobenzene  
Concen: 3.715 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion:146 Resp: 74438  
Ion Ratio Lower Upper  
146 100  
111 39.3 26.7 49.7  
148 66.8 42.8 79.6

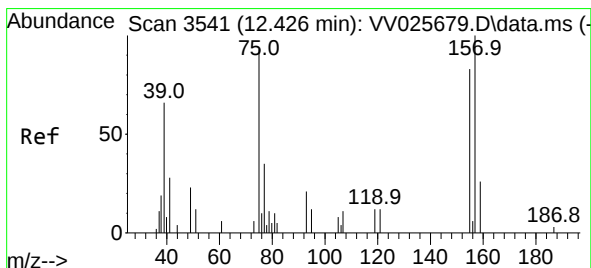
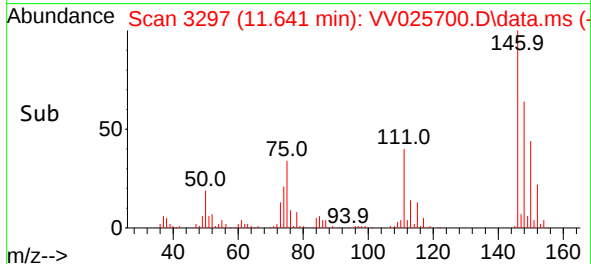
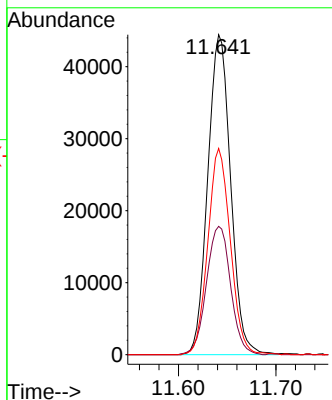
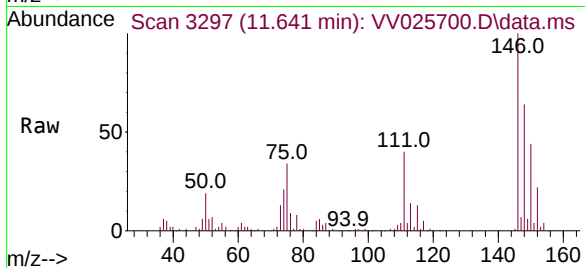




#67  
1,2-Dichlorobenzene  
Concen: 4.144 ug/L  
RT: 11.641 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

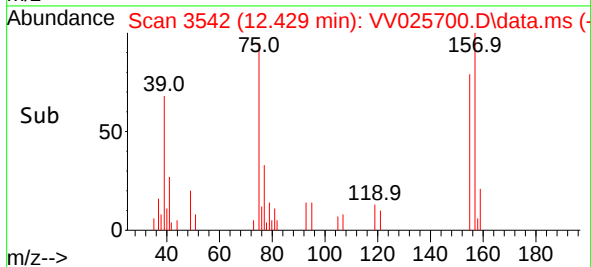
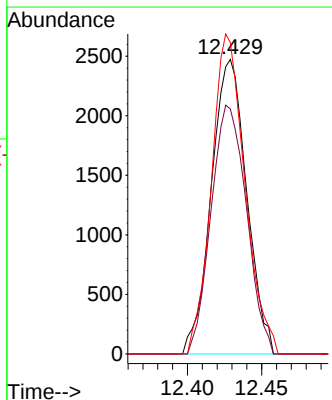
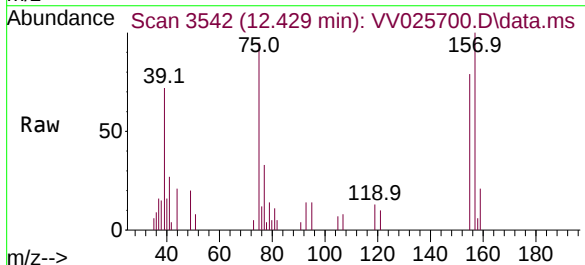
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

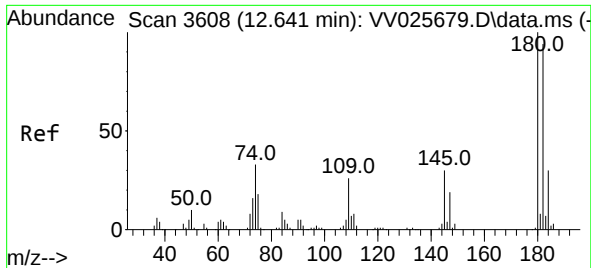
Tgt Ion:146 Resp: 72434  
Ion Ratio Lower Upper  
146 100  
111 40.1 33.6 50.4  
148 64.5 50.0 75.0



#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.253 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.003 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion: 75 Resp: 4086  
Ion Ratio Lower Upper  
75 100  
155 83.1 65.8 98.8  
157 105.7 86.6 130.0

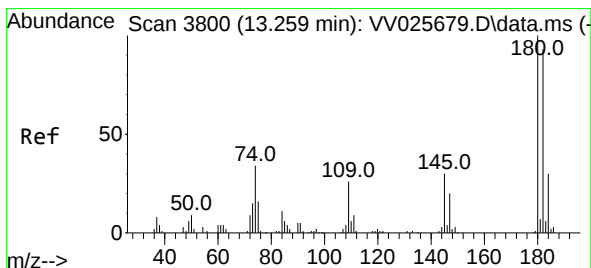
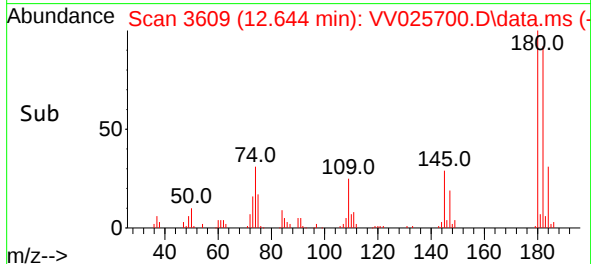
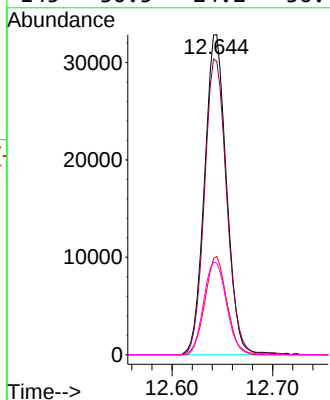
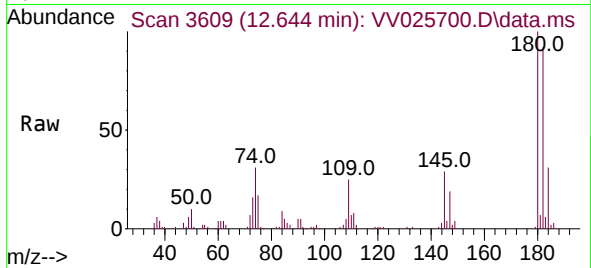




#69  
 1,3,5-Trichlorobenzene  
 Concen: 3.313 ug/L  
 RT: 12.644 min Scan# 3608  
 Delta R.T. 0.003 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

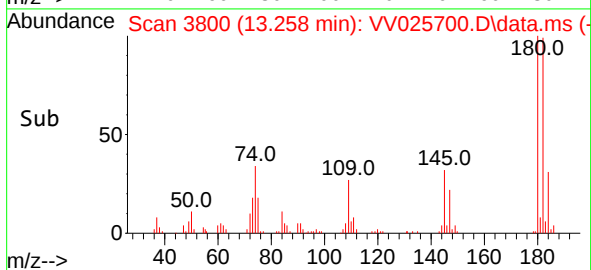
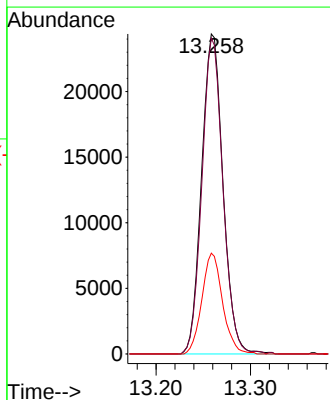
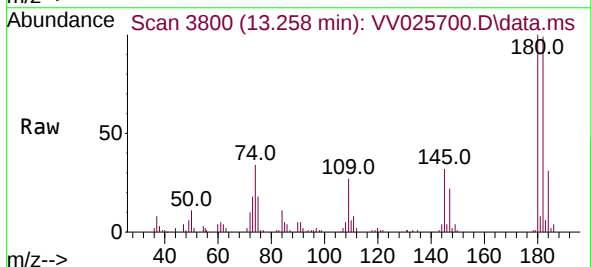
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6MSD

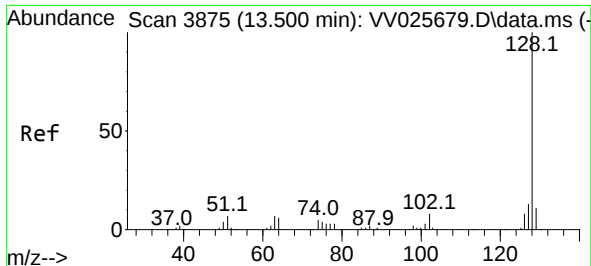
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 49747       |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 93.5  | 75.3 112.9  |
| 184         | 30.4  | 23.4 35.2   |
| 145         | 30.5  | 24.2 36.4   |



#70  
 1,2,4-trichlorobenzene  
 Concen: 3.317 ug/L  
 RT: 13.258 min Scan# 3800  
 Delta R.T. 0.000 min  
 Lab File: VV025700.D  
 Acq: 22 Apr 2022 22:56

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 38394       |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 96.6  | 76.6 114.8  |
| 145         | 30.4  | 24.6 36.8   |

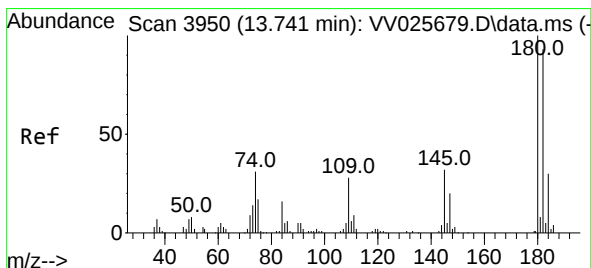
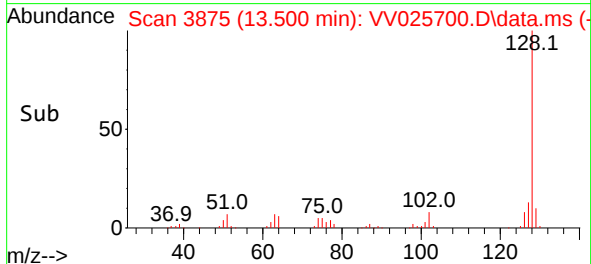
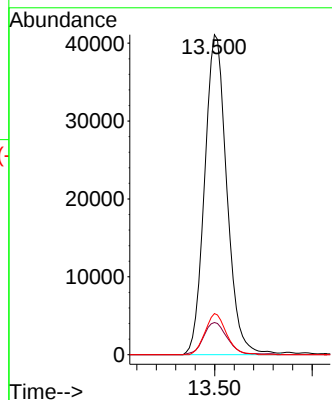
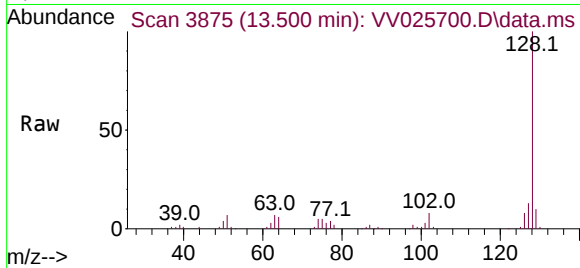




#71  
Naphthalene  
Concen: 3.826 ug/L  
RT: 13.500 min Scan# 3875  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MSD

Tgt Ion:128 Resp: 64970  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 12.3 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 3.560 ug/L  
RT: 13.741 min Scan# 3950  
Delta R.T. 0.000 min  
Lab File: VV025700.D  
Acq: 22 Apr 2022 22:56

Tgt Ion:180 Resp: 34122  
Ion Ratio Lower Upper  
180 100  
182 92.7 77.7 116.5  
145 32.6 27.4 41.2

