

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW033021\  
 Data File : VW020817.D  
 Acq On : 30 Mar 2021 14:11  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 30 15:56:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 04:39:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 677884     | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 663324     | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 387859     | 50.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 186687     | 38.79  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 77.58% |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 154223     | 42.39  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.78% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 404697     | 44.57  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.14% |        |          |
| 21) 2-Butanone-d5             | 3.879          | 46   | 278431     | 88.93  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 88.93% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 469214     | 49.05  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.10% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 303898     | 48.23  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.46% |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 830534     | 46.97  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.94% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 252210     | 46.46  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.92% |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 813713     | 49.44  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.88% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 141624     | 49.04  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 98.08% |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 215070     | 94.50  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.50% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 362788     | 45.88  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.76% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 364895     | 48.47  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.94% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130          | 85   | 283121     | 44.58  | ug/L   | 98       |
| 3) Chloromethane              | 1.243          | 50   | 198108     | 39.07  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.310          | 62   | 215875     | 41.68  | ug/L   | 99       |
| 6) Bromomethane               | 1.523          | 94   | 149802     | 45.88  | ug/L   | 99       |
| 8) Chloroethane               | 1.584          | 64   | 133918     | 44.76  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.754          | 101  | 418562     | 47.28  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117          | 101  | 210969     | 49.58  | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.117          | 96   | 187618     | 47.43  | ug/L   | 93       |
| 13) Acetone                   | 2.175          | 43   | 219231     | 98.19  | ug/L   | 100      |
| 14) Carbon disulfide          | 2.294          | 76   | 567607     | 43.39  | ug/L   | 100      |
| 15) Methyl Acetate            | 2.433          | 43   | 188690     | 40.48  | ug/L   | 94       |
| 16) Methylene chloride        | 2.507          | 84   | 221449     | 45.90  | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 2.761          | 96   | 214028     | 47.18  | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 2.767          | 73   | 665366     | 47.31  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.191          | 63   | 388566     | 46.11  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.912          | 96   | 228743     | 47.13  | ug/L   | 99       |
| 22) 2-Butanone                | 3.963          | 43   | 306038     | 93.64  | ug/L   | 94       |
| 23) Bromochloromethane        | 4.246          | 128  | 129787     | 49.68  | ug/L   | 88       |
| 25) Chloroform                | 4.375          | 83   | 433805     | 48.39  | ug/L   | 98       |

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 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 30 15:56:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 04:39:28 2021  
 Response via : Initial Calibration

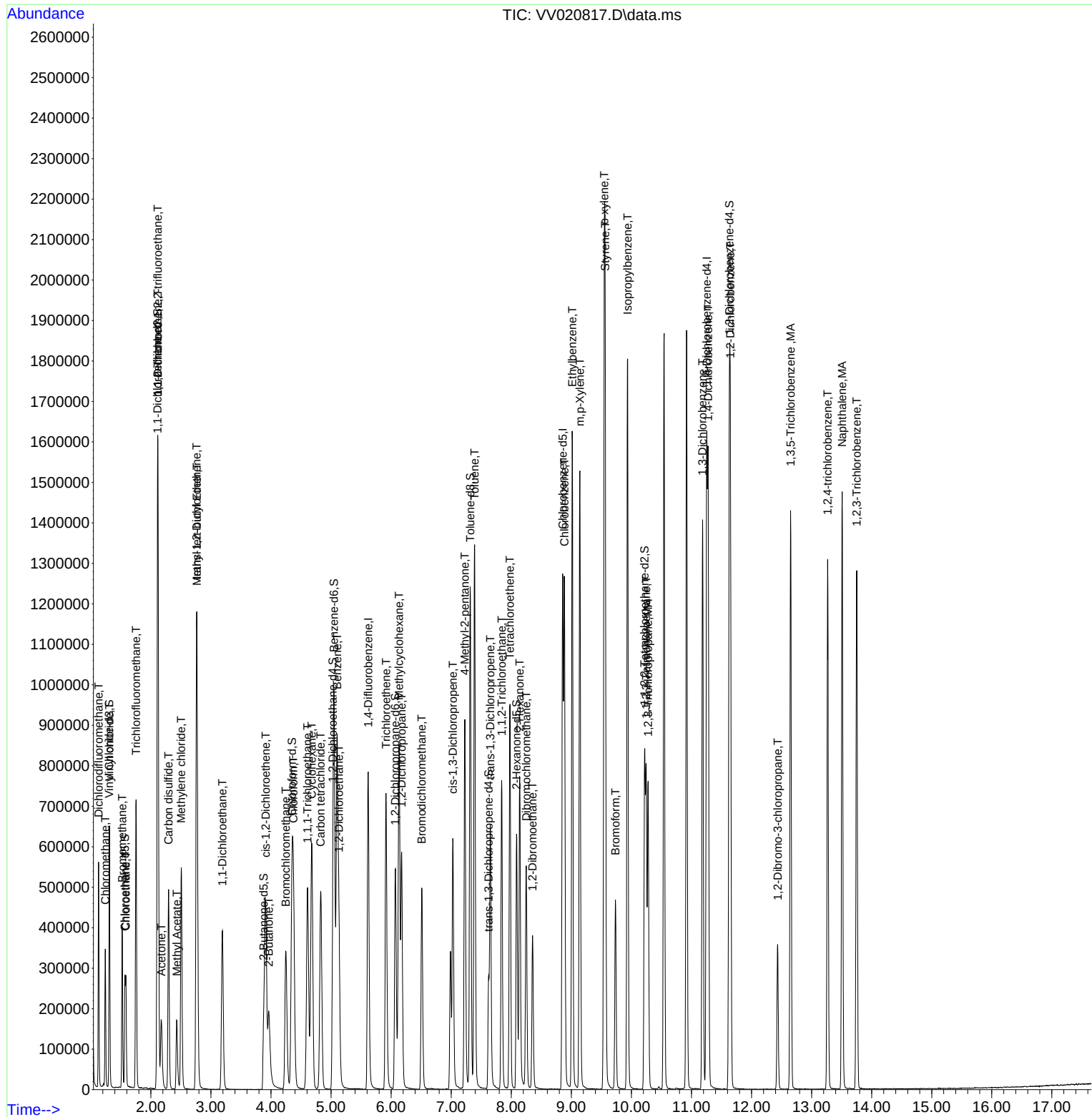
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 352152   | 49.18 | ug/L   | 99       |
| 29) Cyclohexane               | 4.677  | 56   | 330265   | 44.02 | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 4.609  | 97   | 412106   | 50.23 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 370944   | 50.63 | ug/L   | 100      |
| 33) Benzene                   | 5.101  | 78   | 858943   | 46.95 | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 244279   | 48.71 | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 364134   | 47.32 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 215166   | 44.85 | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.510  | 83   | 322690   | 47.89 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 365418   | 49.33 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 560565   | 87.13 | ug/L   | 97       |
| 42) Toluene                   | 7.391  | 91   | 970184   | 48.79 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 365154   | 48.96 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 224611   | 47.59 | ug/L   | 95       |
| 46) Tetrachloroethene         | 7.979  | 164  | 210569   | 50.30 | ug/L   | 99       |
| 48) 2-Hexanone                | 8.140  | 43   | 460055   | 93.67 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 276810   | 50.35 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 245049   | 48.48 | ug/L # | 98       |
| 51) Chlorobenzene             | 8.886  | 112  | 642874   | 48.16 | ug/L   | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 1111575  | 48.98 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.143  | 106  | 422443   | 50.05 | ug/L   | 99       |
| 54) o-xylene                  | 9.548  | 106  | 409644   | 50.35 | ug/L   | 99       |
| 55) Styrene                   | 9.564  | 104  | 730196   | 51.08 | ug/L   | 98       |
| 56) Isopropylbenzene          | 9.937  | 105  | 1131519  | 50.51 | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 351055   | 45.60 | ug/L   | 100      |
| 59) 1,2,3-Trichloropropane    | 10.278 | 75   | 294280   | 46.97 | ug/L   | 98       |
| 61) Bromoform                 | 9.735  | 173  | 210118   | 47.72 | ug/L   | 99       |
| 62) 1,3-Dichlorobenzene       | 11.185 | 146  | 568054   | 47.99 | ug/L   | 100      |
| 63) 1,4-Dichlorobenzene       | 11.278 | 146  | 586490   | 47.64 | ug/L   | 100      |
| 65) 1,2-Dichlorobenzene       | 11.648 | 146  | 562401   | 48.21 | ug/L   | 98       |
| 66) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 86456    | 43.84 | ug/L   | 88       |
| 67) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 445381   | 48.54 | ug/L   | 100      |
| 68) 1,2,4-trichlorobenzene    | 13.268 | 180  | 391913   | 50.38 | ug/L   | 99       |
| 69) Naphthalene               | 13.509 | 128  | 1103630  | 49.56 | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene    | 13.750 | 180  | 392031   | 50.32 | ug/L   | 99       |

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

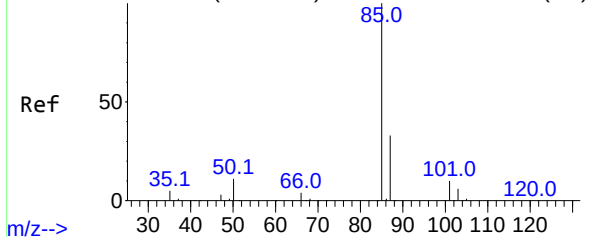
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Data File : VV020817.D  
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Quant Title : VOC Analysis  
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Response via : Initial Calibration

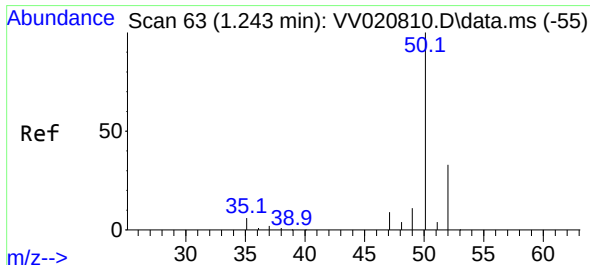
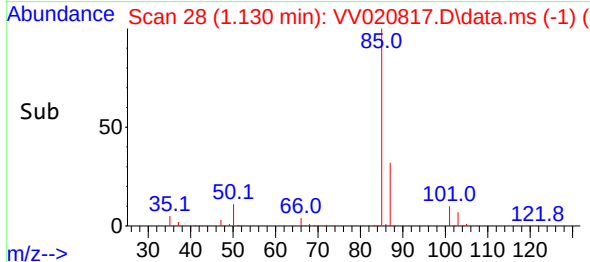
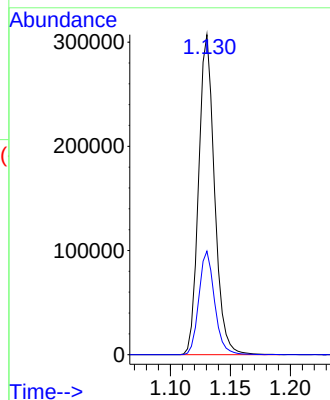
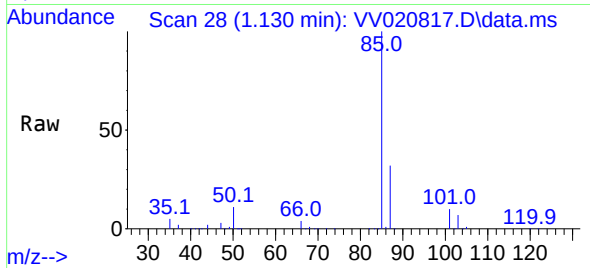


Abundance Scan 28 (1.130 min): VV020810.D\data.ms (-21)



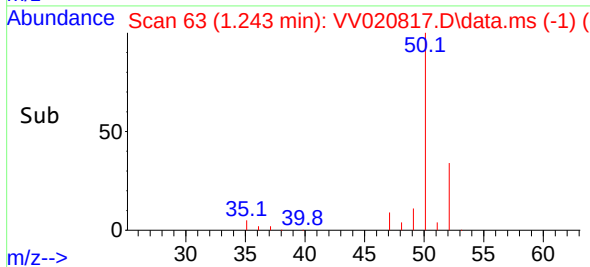
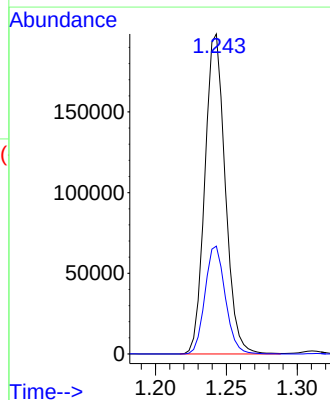
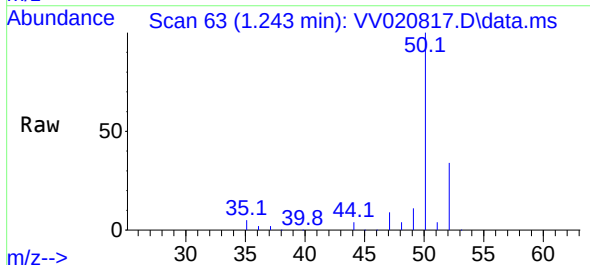
#2  
Dichlorodifluoromethane  
Concen: 44.58 ug/L  
RT: 1.130 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

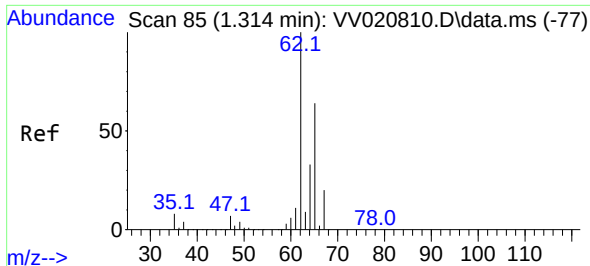
Tgt Ion: 85 Resp: 283121  
Ion Ratio Lower Upper  
85 100  
87 32.0 26.3 39.5



#3  
Chloromethane  
Concen: 39.07 ug/L  
RT: 1.243 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 50 Resp: 198108  
Ion Ratio Lower Upper  
50 100  
52 33.7 22.7 42.1

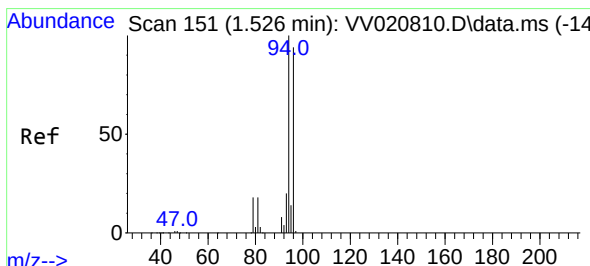
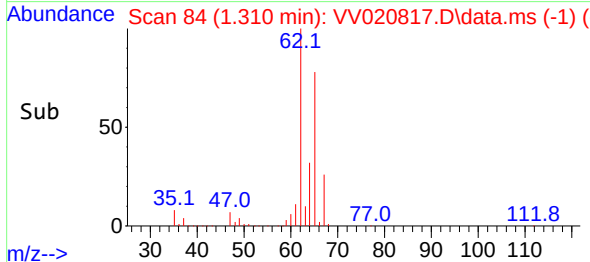
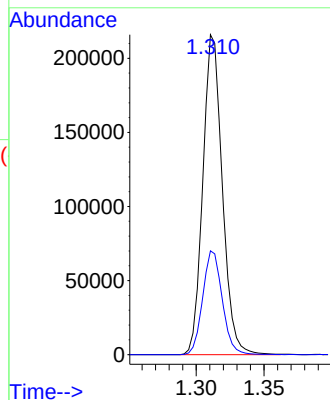
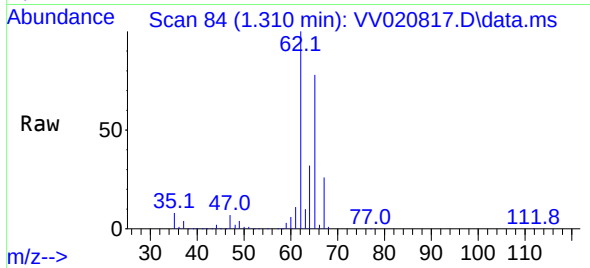




#5  
 Vinyl chloride  
 Concen: 41.68 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: VV020817.D  
 Acq: 30 Mar 2021 14:11

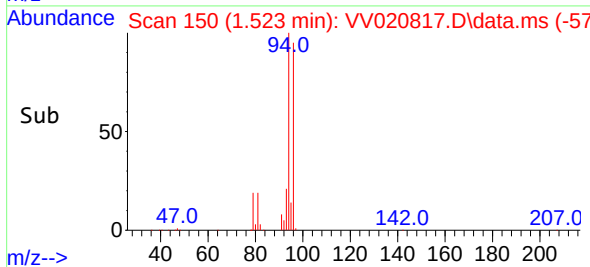
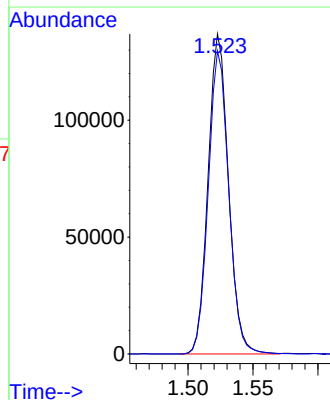
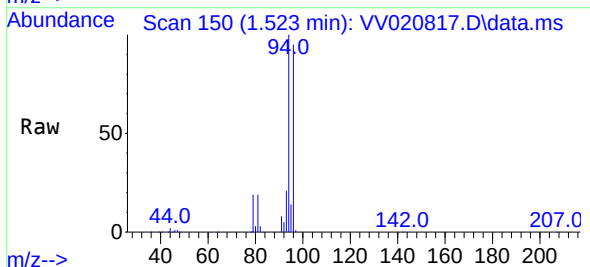
Instrument :  
 MSVOA\_V  
 ClientSampled :

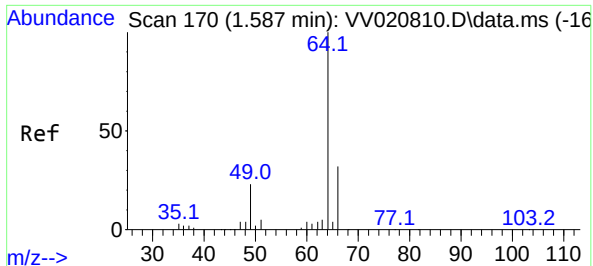
Tgt Ion: 62 Resp: 215875  
 Ion Ratio Lower Upper  
 62 100  
 64 32.5 23.3 43.3



#6  
 Bromomethane  
 Concen: 45.88 ug/L  
 RT: 1.523 min Scan# 150  
 Delta R.T. -0.000 min  
 Lab File: VV020817.D  
 Acq: 30 Mar 2021 14:11

Tgt Ion: 94 Resp: 149802  
 Ion Ratio Lower Upper  
 94 100  
 96 94.7 65.6 121.8

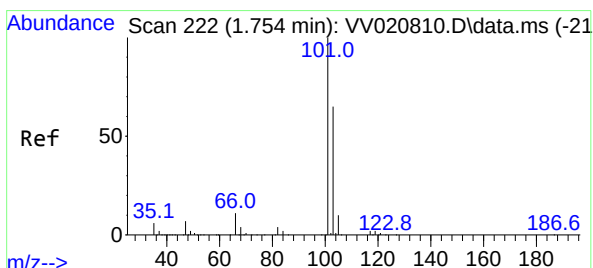
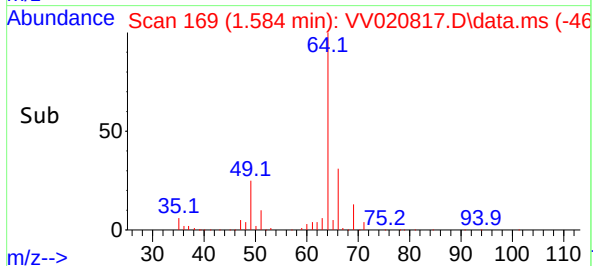
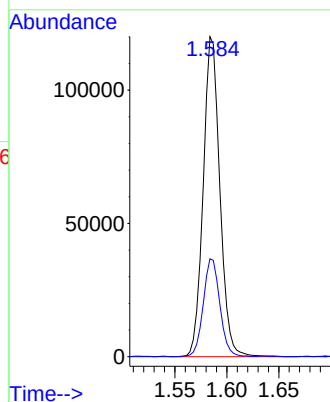
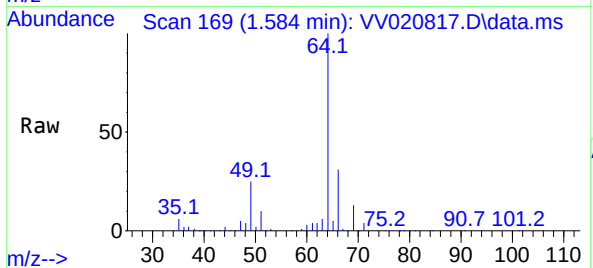




#8  
Chloroethane  
Concen: 44.76 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

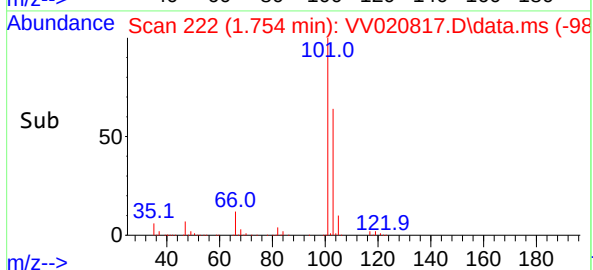
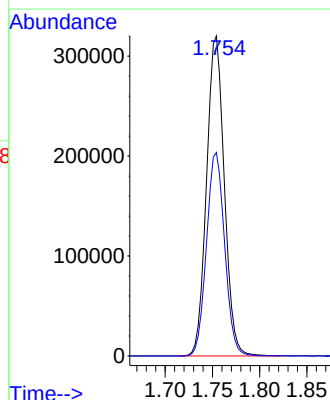
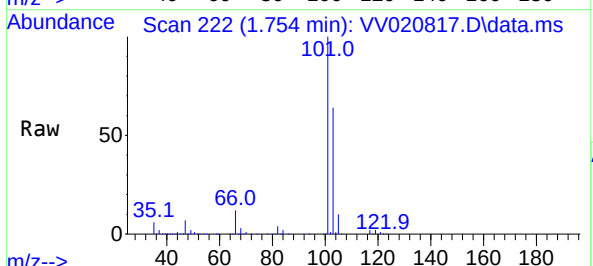
Instrument :  
MSVOA\_V  
ClientSampled :

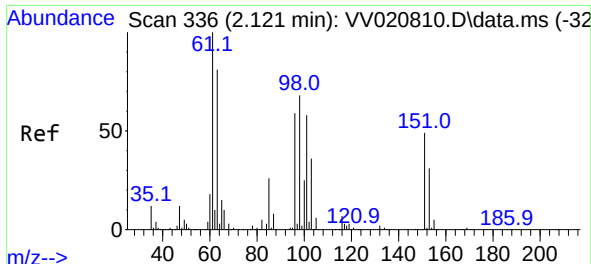
Tgt Ion: 64 Resp: 133918  
Ion Ratio Lower Upper  
64 100  
66 30.6 22.4 41.6



#9  
Trichlorofluoromethane  
Concen: 47.28 ug/L  
RT: 1.754 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:101 Resp: 418562  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.2 76.8

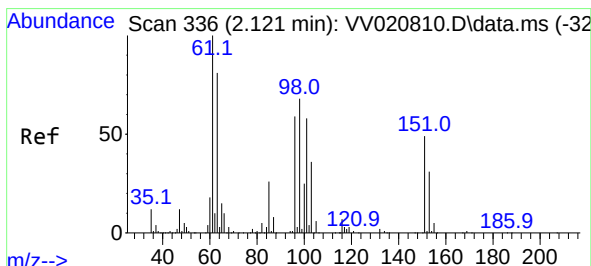
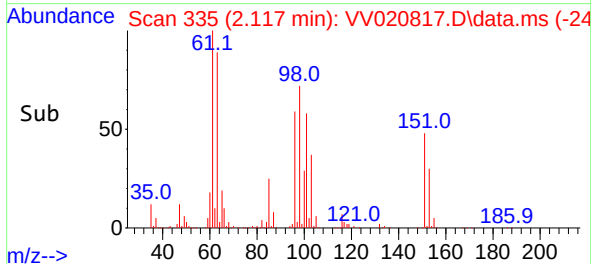
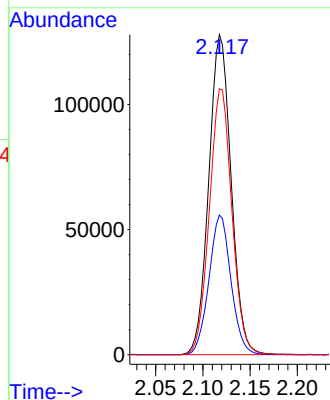
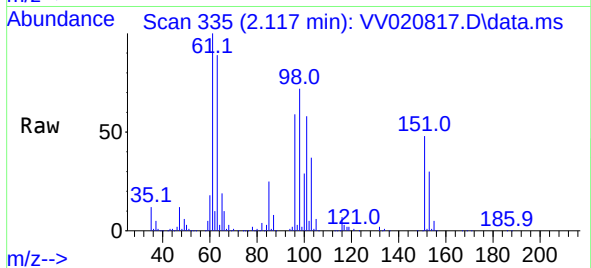




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 49.58 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

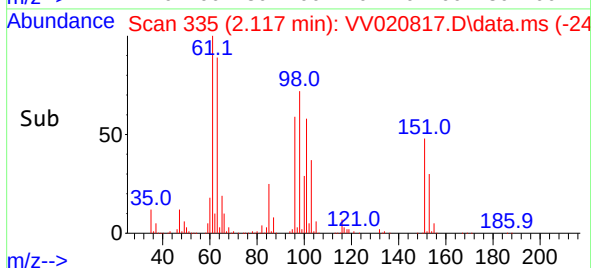
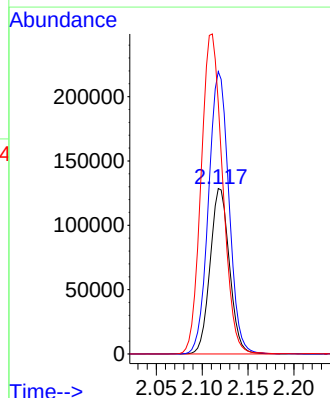
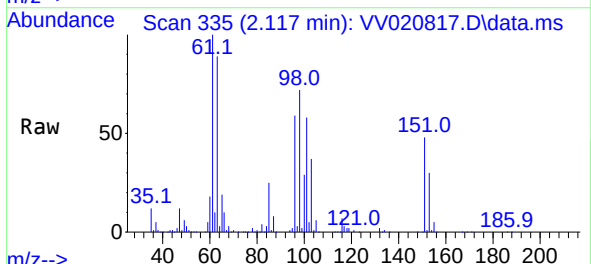
Instrument :  
MSVOA\_V  
ClientSampleId :

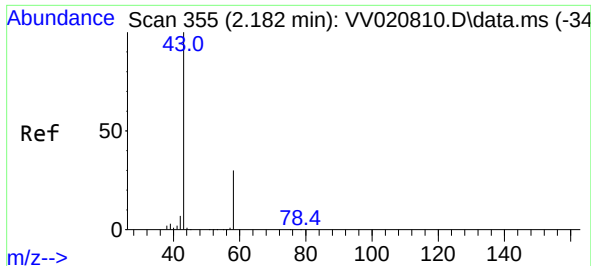
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Ion Ratio Lower Upper  
101 100  
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151 83.6 63.5 95.3



#12  
1,1-Dichloroethene  
Concen: 47.43 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 96 Resp: 187618  
Ion Ratio Lower Upper  
96 100  
61 170.6 126.3 234.6  
63 151.8 100.2 186.2

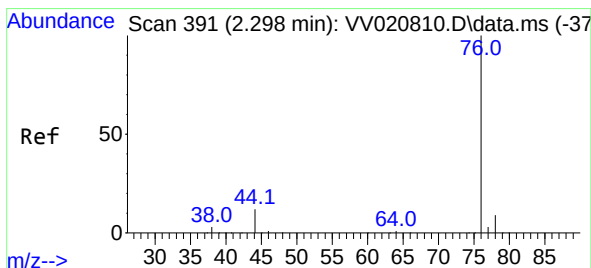
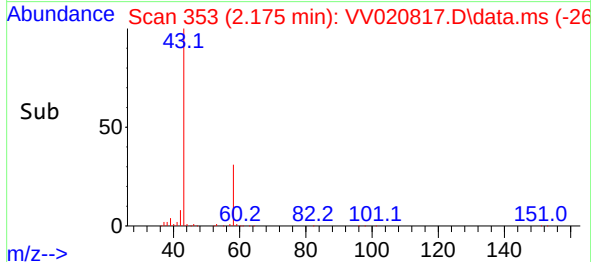
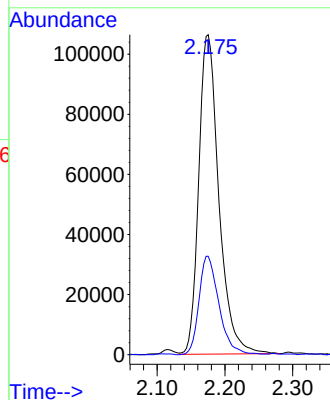
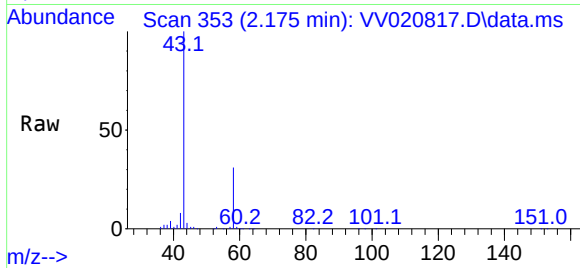




#13  
Acetone  
Concen: 98.19 ug/L  
RT: 2.175 min Scan# 353  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

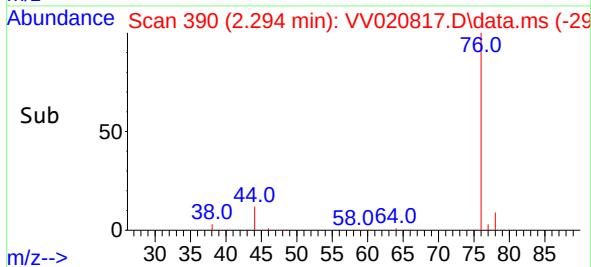
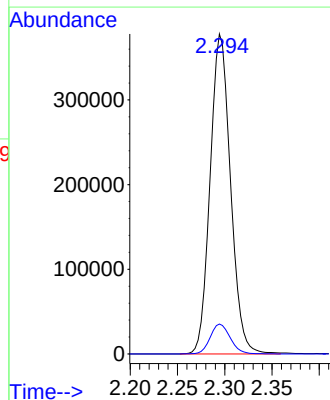
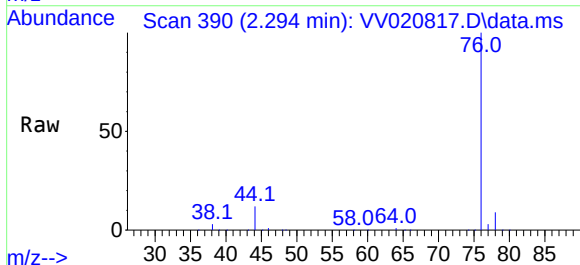
Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 43 Resp: 219231  
Ion Ratio Lower Upper  
43 100  
58 30.5 0.0 60.8

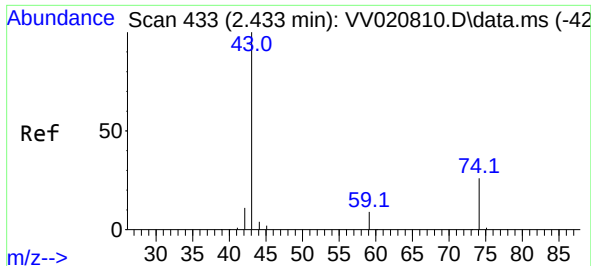


#14  
Carbon disulfide  
Concen: 43.39 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 76 Resp: 567607  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3



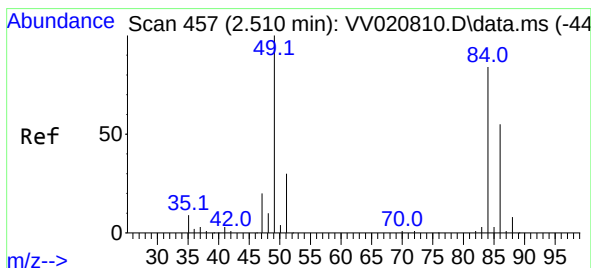
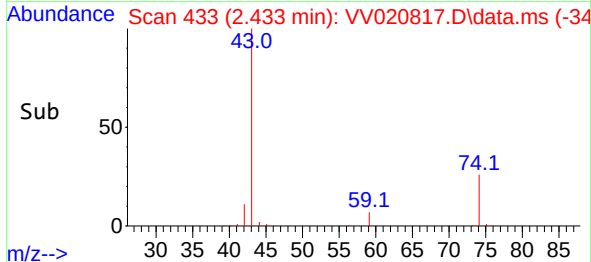
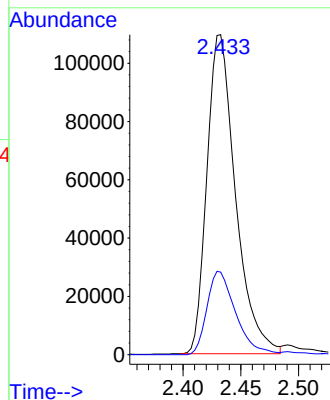
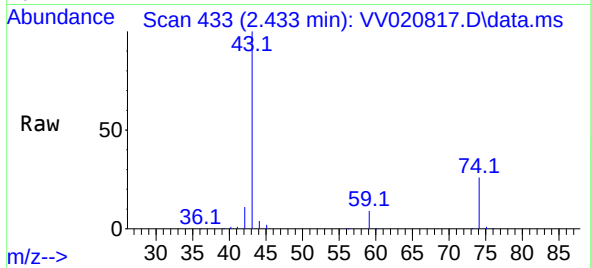




#15  
Methyl Acetate  
Concen: 40.48 ug/L  
RT: 2.433 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

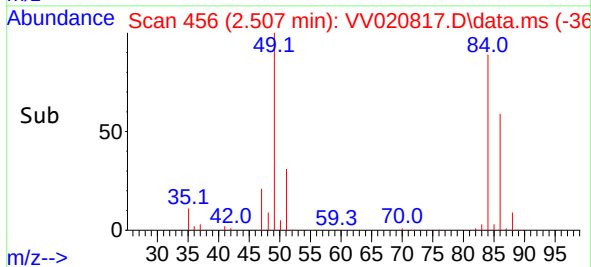
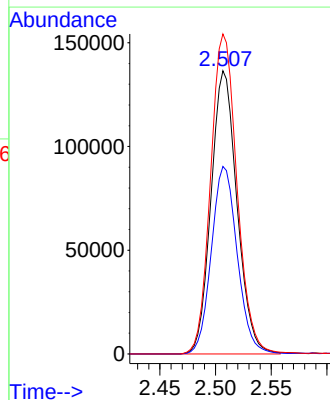
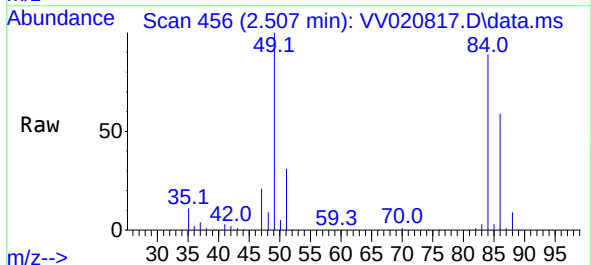
Instrument :  
MSVOA\_V  
ClientSampled :

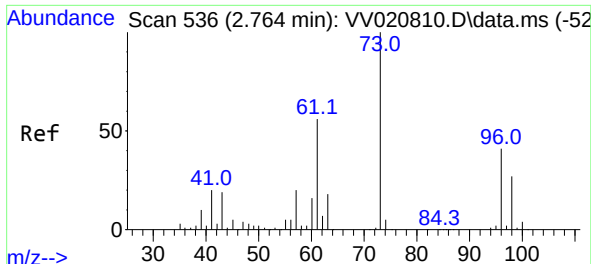
Tgt Ion: 43 Resp: 188690  
Ion Ratio Lower Upper  
43 100  
74 26.1 18.4 27.6



#16  
Methylene chloride  
Concen: 45.90 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 84 Resp: 221449  
Ion Ratio Lower Upper  
84 100  
86 66.2 43.9 81.5  
49 113.0 86.3 160.3

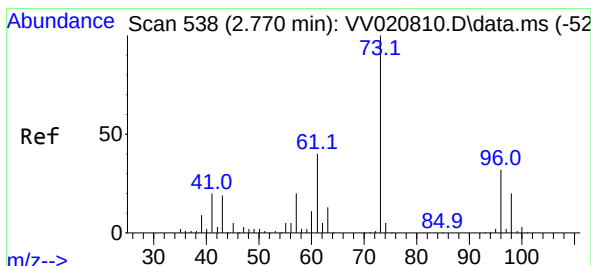
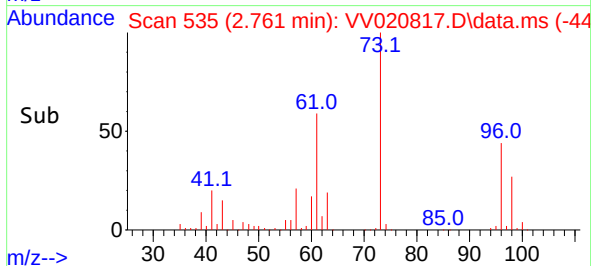
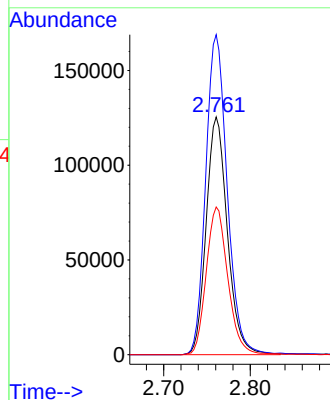
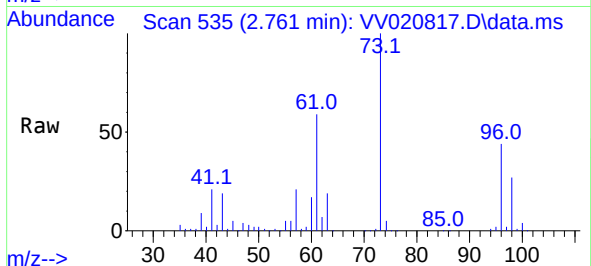




#17  
trans-1,2-Dichloroethene  
Concen: 47.18 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

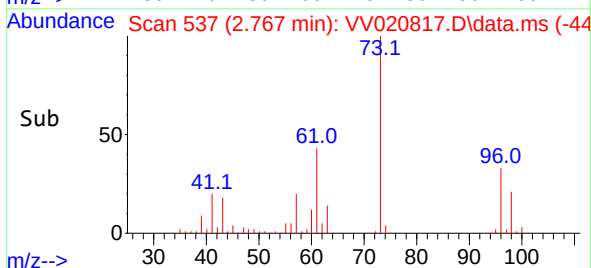
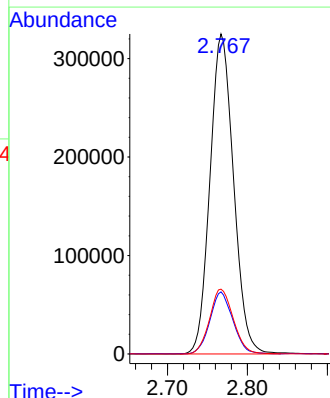
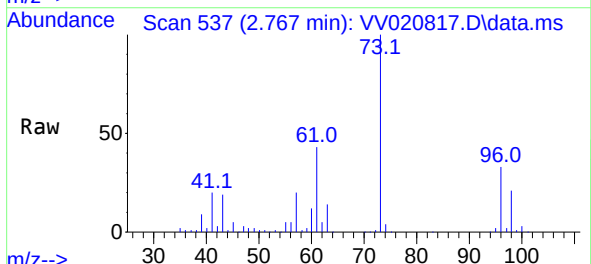
Instrument :  
MSVOA\_V  
ClientSampleId :

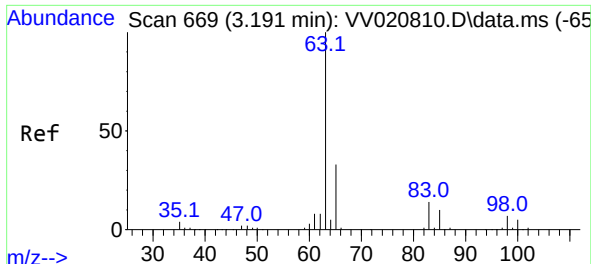
Tgt Ion: 96 Resp: 214028  
Ion Ratio Lower Upper  
96 100  
61 134.6 97.9 181.9  
98 62.1 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 47.31 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 73 Resp: 665366  
Ion Ratio Lower Upper  
73 100  
43 18.8 15.4 23.0  
57 20.4 17.0 25.6



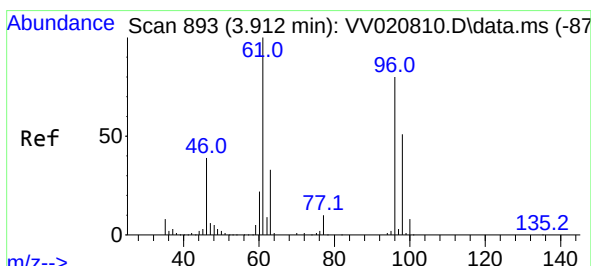
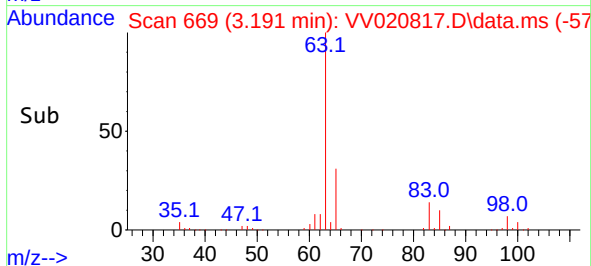
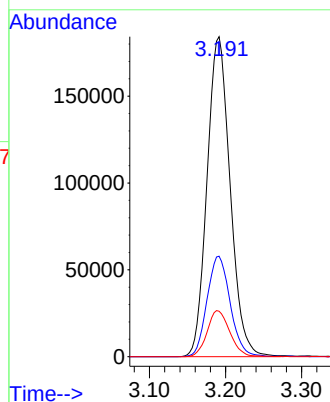
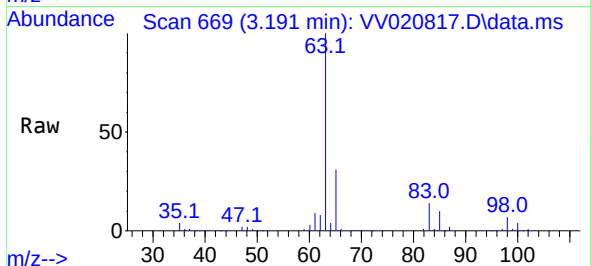


#19  
1,1-Dichloroethane  
Concen: 46.11 ug/L  
RT: 3.191 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 63 Resp: 388566

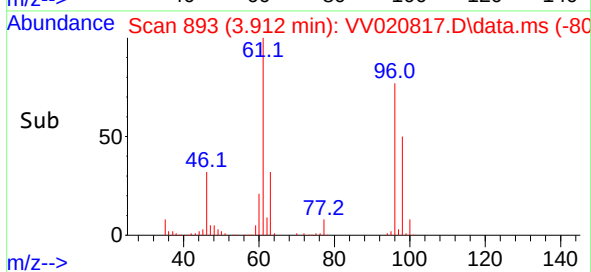
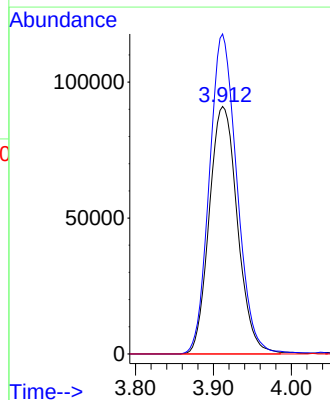
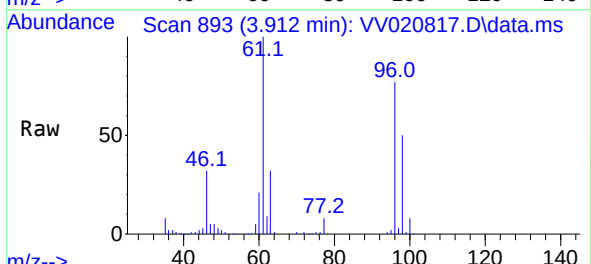
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.4  | 22.5  | 41.9  |
| 83  | 14.2  | 9.7   | 17.9  |

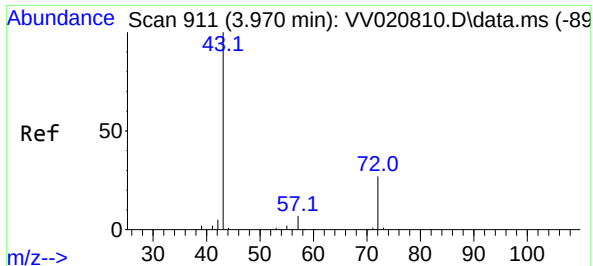


#20  
cis-1,2-Dichloroethene  
Concen: 47.13 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 96 Resp: 228743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.3 | 89.9  | 167.0 |
| 68  | 0.0   | 0.0   | 0.0   |

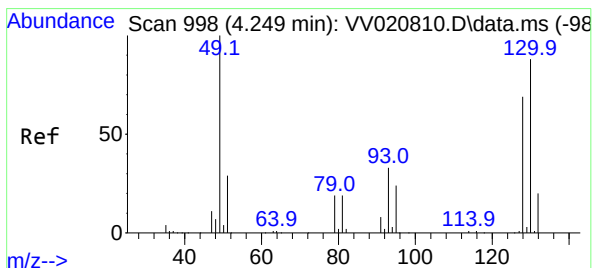
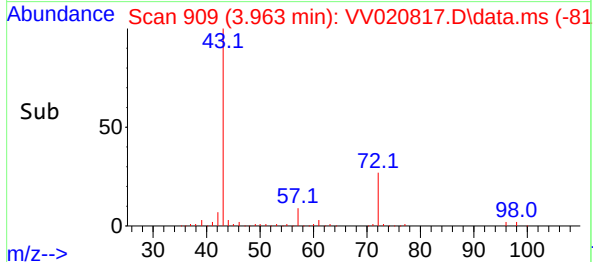
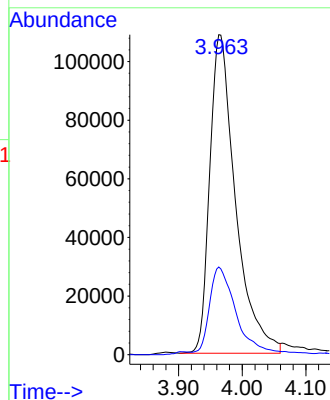
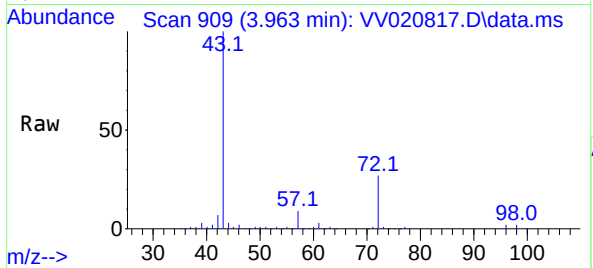




#22  
2-Butanone  
Concen: 93.64 ug/L  
RT: 3.963 min Scan# 909  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

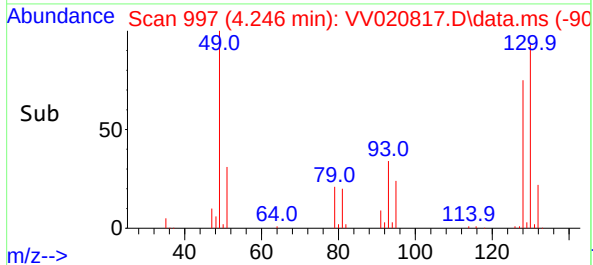
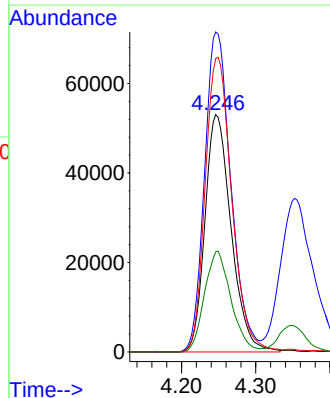
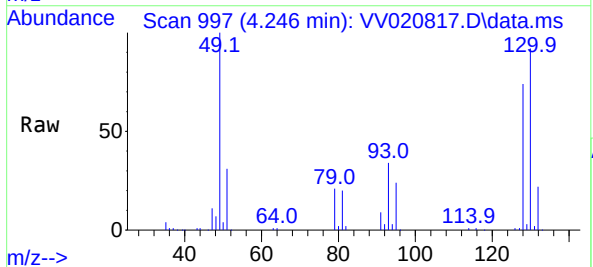
Instrument :  
MSVOA\_V  
ClientSampled :

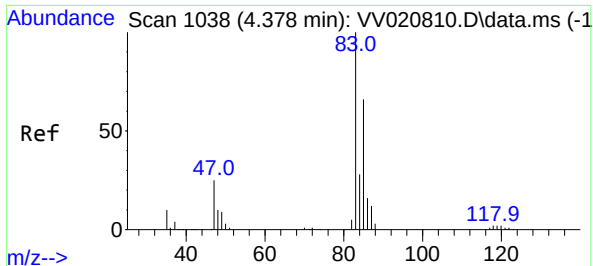
Tgt Ion: 43 Resp: 306038  
Ion Ratio Lower Upper  
43 100  
72 26.7 11.9 35.9



#23  
Bromochloromethane  
Concen: 49.68 ug/L  
RT: 4.246 min Scan# 997  
Delta R.T. -0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 128 Resp: 129787  
Ion Ratio Lower Upper  
128 100  
49 134.8 113.3 210.3  
130 123.6 88.7 164.7  
51 42.2 38.6 58.0



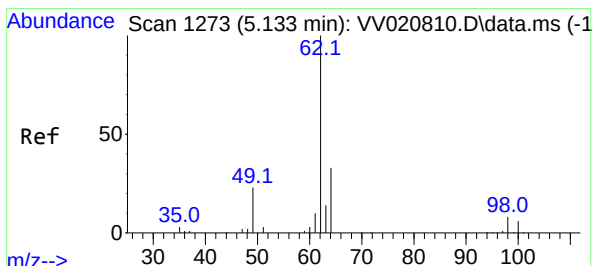
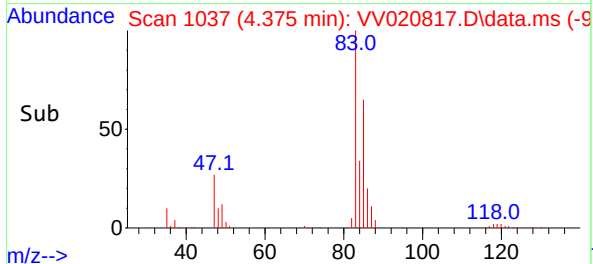
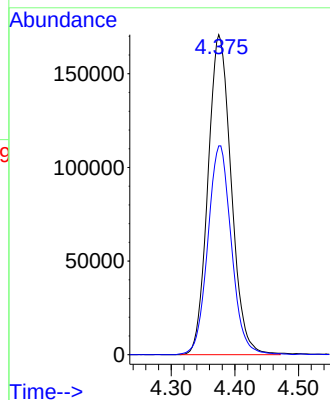
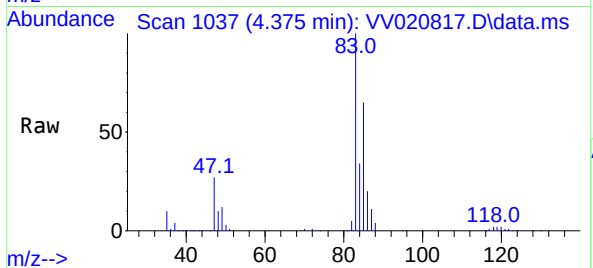


#25

Chloroform  
Concen: 48.39 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Instrument :  
MSVOA\_V  
ClientSampled :

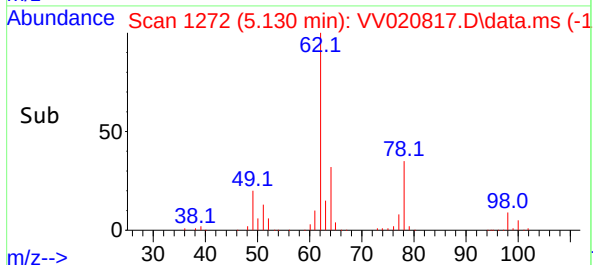
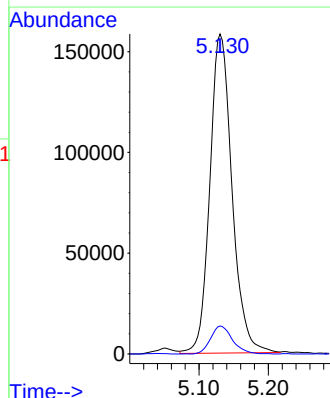
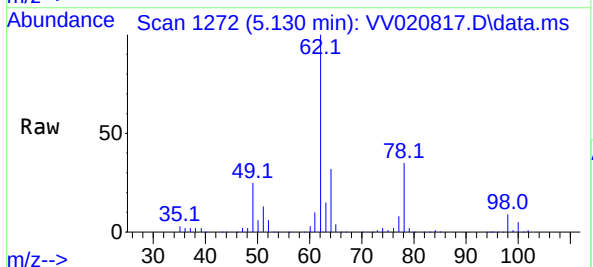
Tgt Ion: 83 Resp: 433805  
Ion Ratio Lower Upper  
83 100  
85 65.3 46.7 86.7

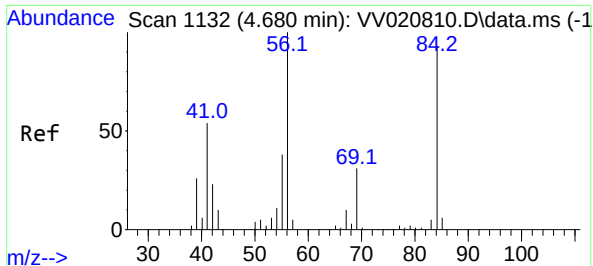


#27

1,2-Dichloroethane  
Concen: 49.18 ug/L  
RT: 5.130 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 62 Resp: 352152  
Ion Ratio Lower Upper  
62 100  
98 8.7 6.8 10.2





#29

Cyclohexane

Concen: 44.02 ug/L

RT: 4.677 min Scan# 1131

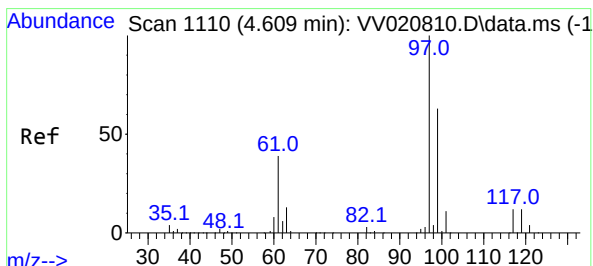
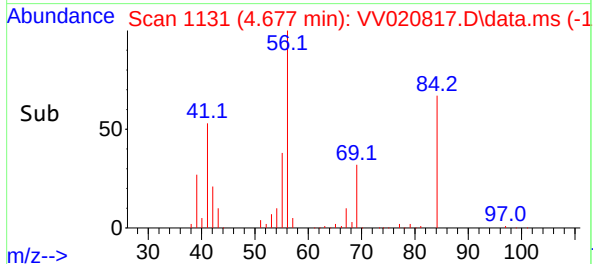
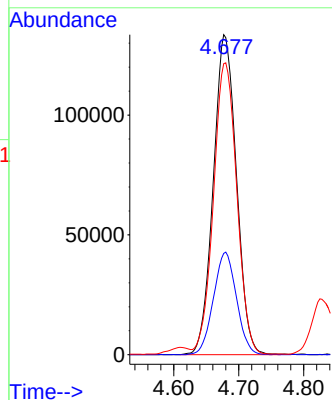
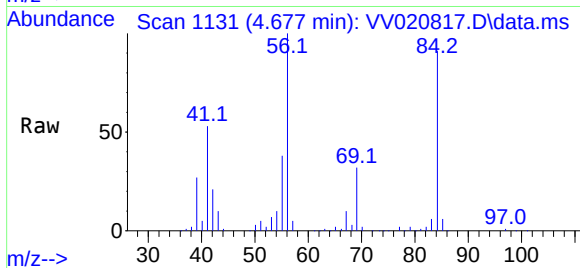
Delta R.T. -0.003 min

Lab File: VV020817.D

Acq: 30 Mar 2021 14:11

Tgt Ion: 56 Resp: 330265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.9  | 24.4  | 36.6  |
| 84  | 91.7  | 69.9  | 104.9 |



#30

1,1,1-Trichloroethane

Concen: 50.23 ug/L

RT: 4.609 min Scan# 1110

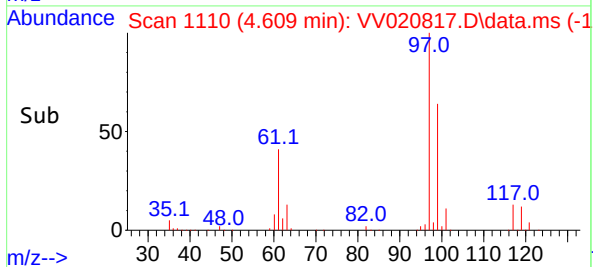
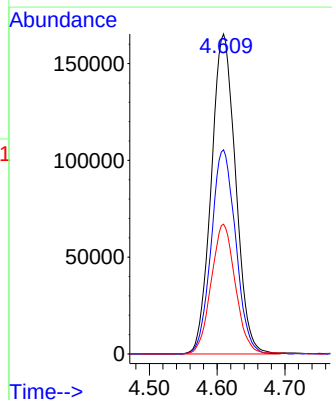
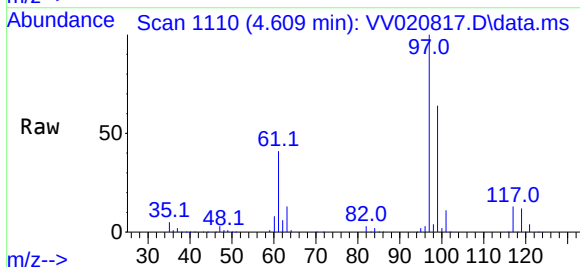
Delta R.T. -0.000 min

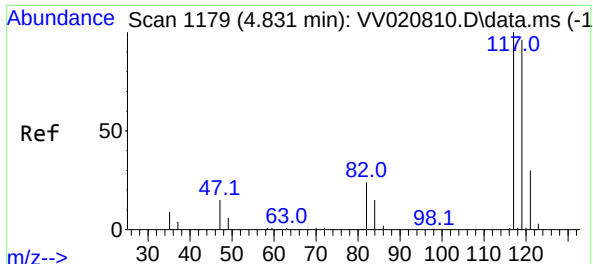
Lab File: VV020817.D

Acq: 30 Mar 2021 14:11

Tgt Ion: 97 Resp: 412106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.4  | 77.2  |
| 61  | 40.2  | 33.9  | 50.9  |

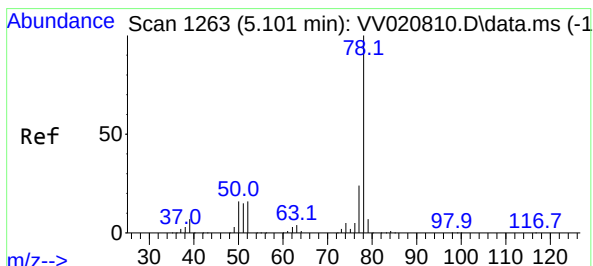
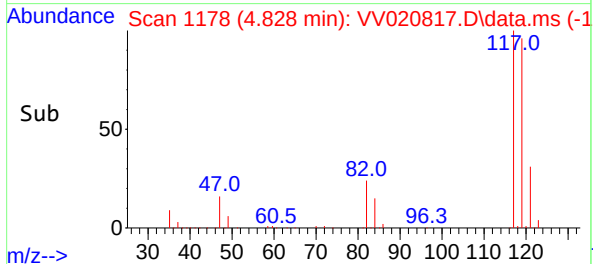
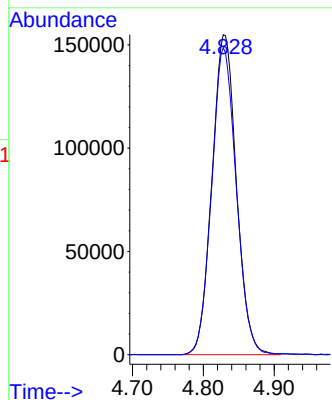
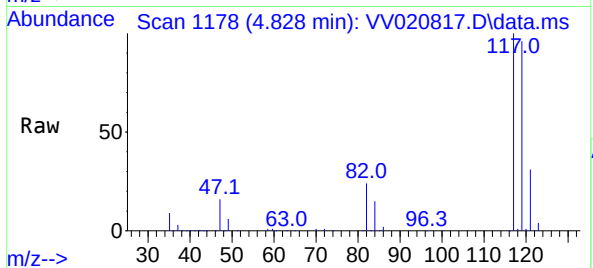




#31  
Carbon tetrachloride  
Concen: 50.63 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

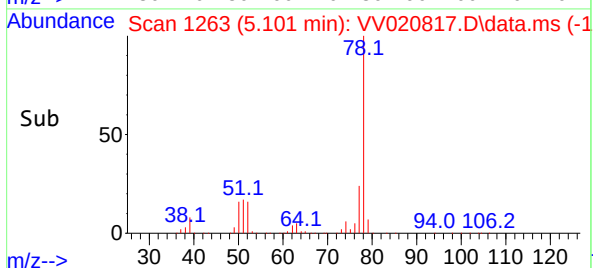
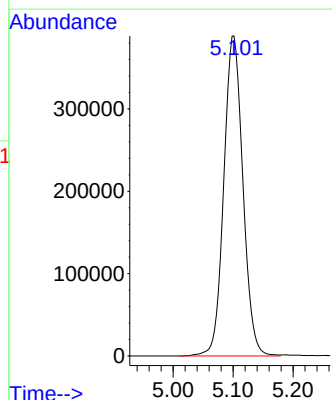
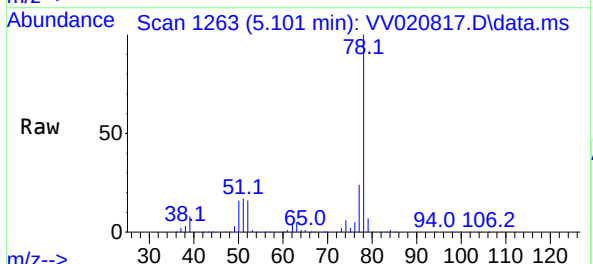
Instrument :  
MSVOA\_V  
ClientSampled :

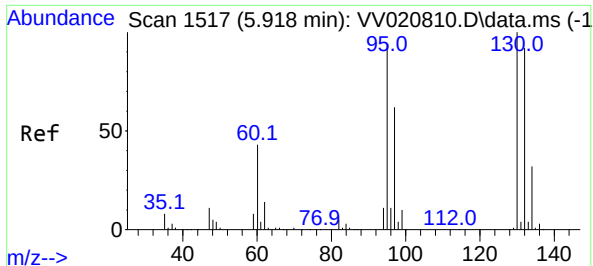
Tgt Ion:117 Resp: 370944  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.9 115.3



#33  
Benzene  
Concen: 46.95 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 78 Resp: 858943



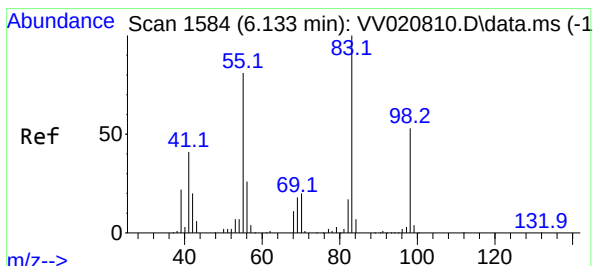
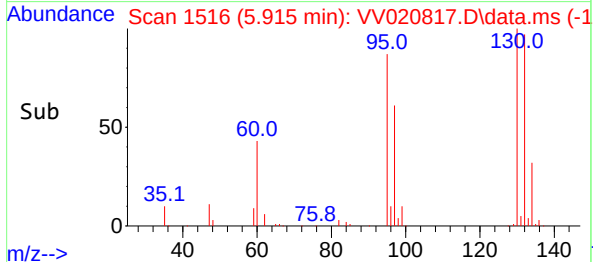
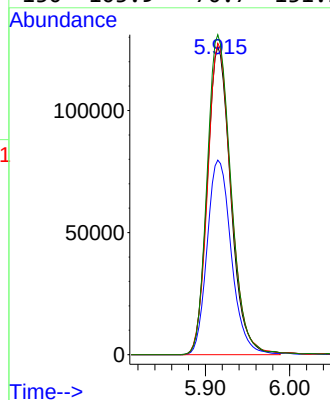
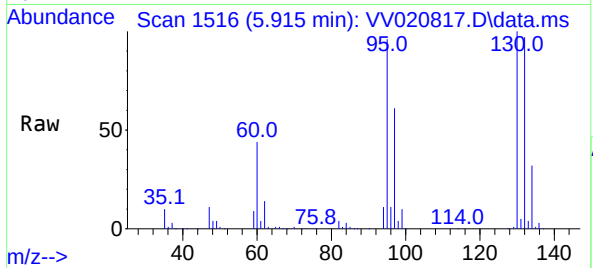


#34  
Trichloroethene  
Concen: 48.71 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 95 Resp: 244279

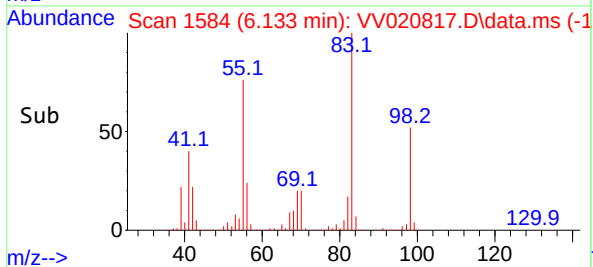
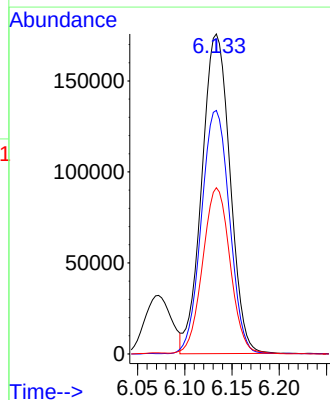
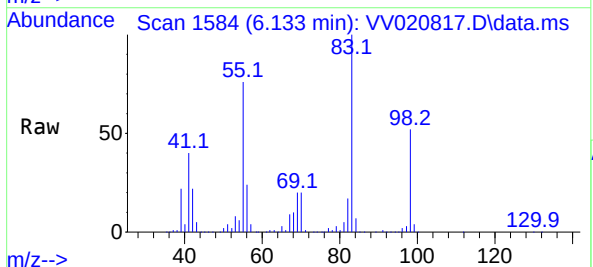
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.2  | 43.5  | 80.9  |
| 132 | 101.1 | 69.5  | 129.1 |
| 130 | 103.9 | 70.7  | 131.3 |



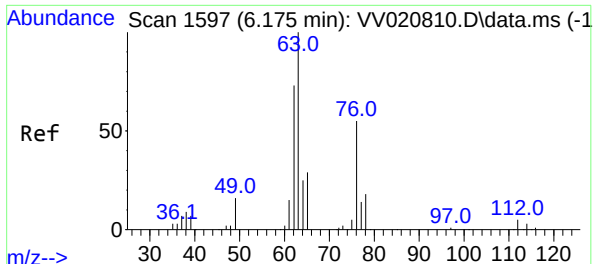
#35  
Methylcyclohexane  
Concen: 47.32 ug/L  
RT: 6.133 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 83 Resp: 364134

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 76.1  | 62.7  | 94.1  |
| 98  | 50.9  | 38.9  | 58.3  |



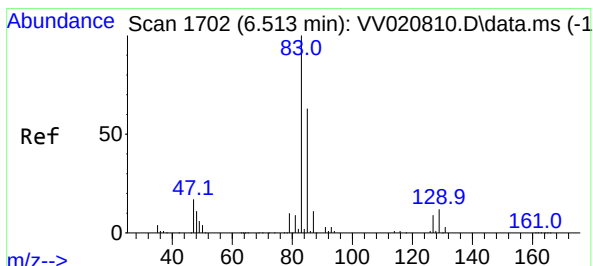
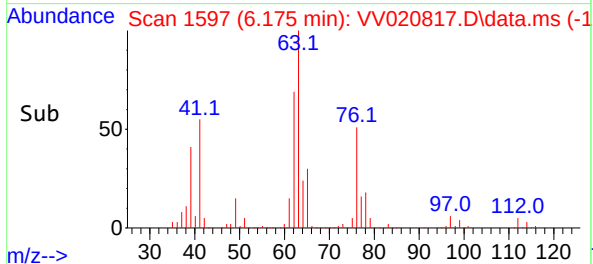
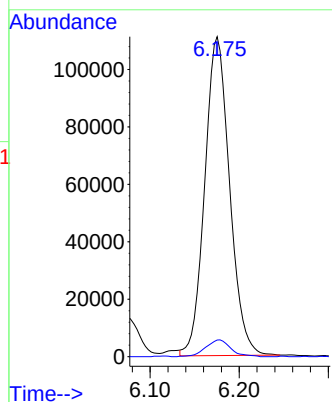
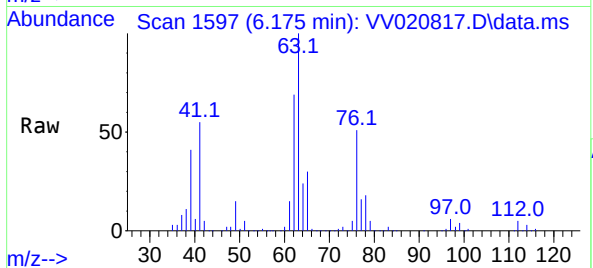




#37  
1,2-Dichloropropane  
Concen: 44.85 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

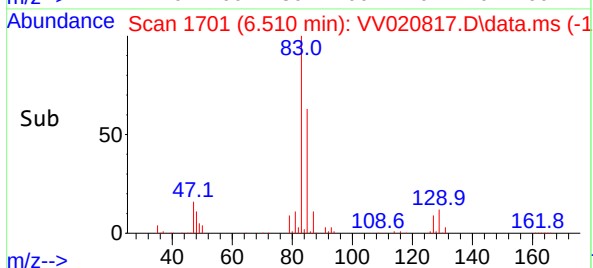
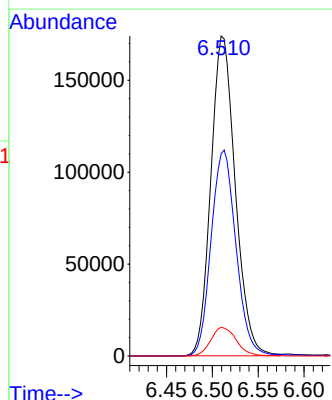
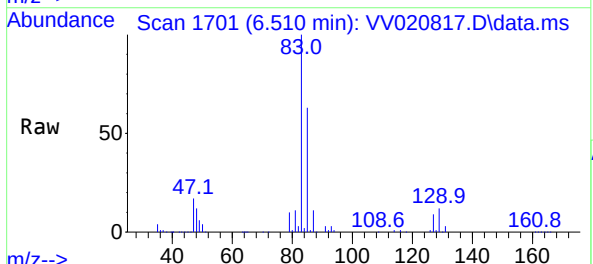
Instrument :  
MSVOA\_V  
ClientSampled :

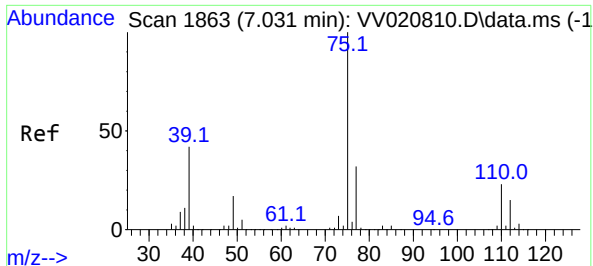
Tgt Ion: 63 Resp: 215166  
Ion Ratio Lower Upper  
63 100  
112 5.3 3.7 5.5



#38  
Bromodichloromethane  
Concen: 47.89 ug/L  
RT: 6.510 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 83 Resp: 322690  
Ion Ratio Lower Upper  
83 100  
85 63.2 44.5 82.7  
127 8.9 6.8 10.2

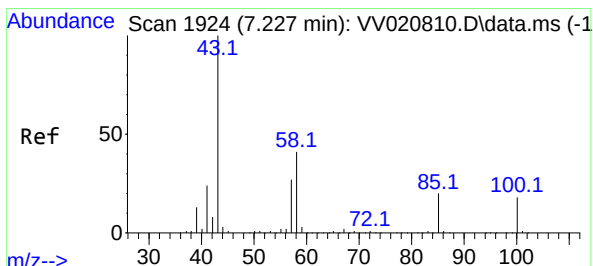
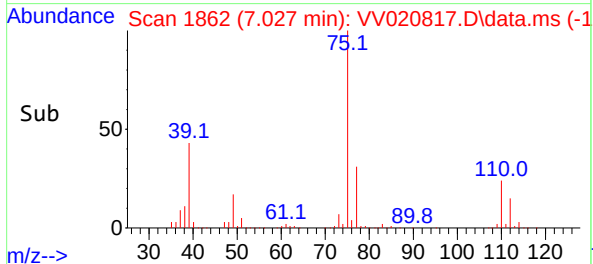
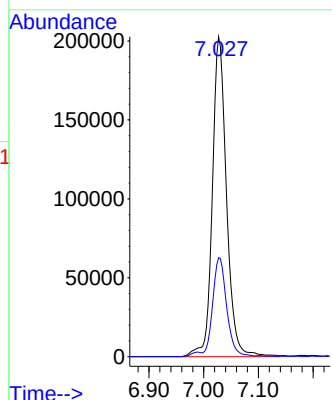
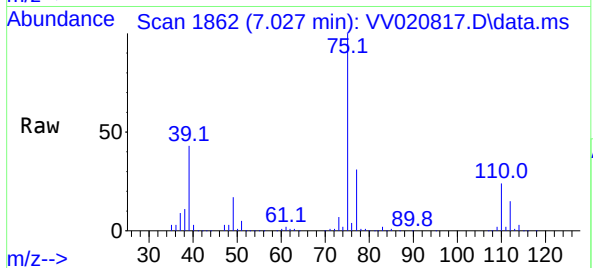




#39  
cis-1,3-Dichloropropene  
Concen: 49.33 ug/L  
RT: 7.027 min Scan# 1862  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

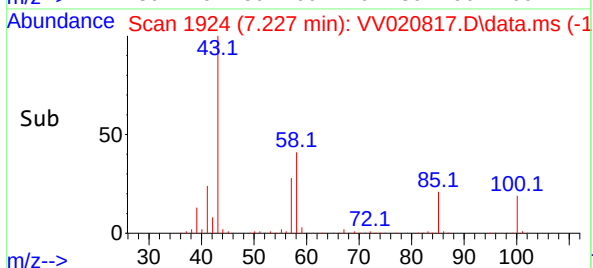
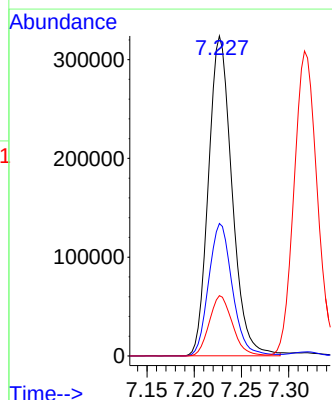
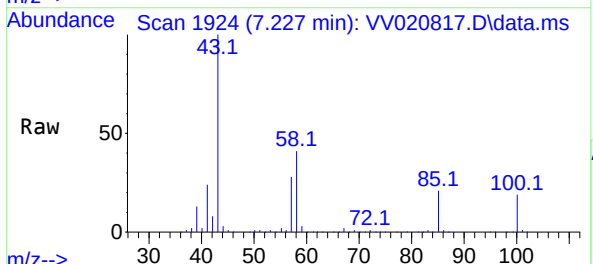
Instrument :  
MSVOA\_V  
ClientSampled :

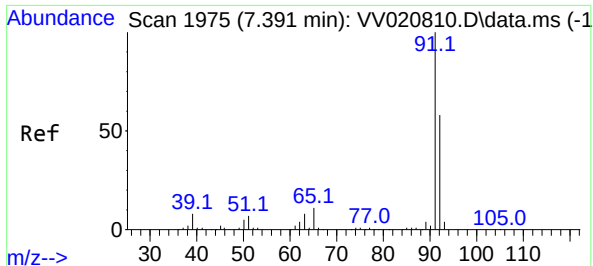
Tgt Ion: 75 Resp: 365418  
Ion Ratio Lower Upper  
75 100  
77 31.0 21.7 40.3



#40  
4-Methyl-2-pentanone  
Concen: 87.13 ug/L  
RT: 7.227 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 43 Resp: 560565  
Ion Ratio Lower Upper  
43 100  
58 41.7 32.3 48.5  
100 18.6 13.0 19.4





#42

Toluene

Concen: 48.79 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV020817.D

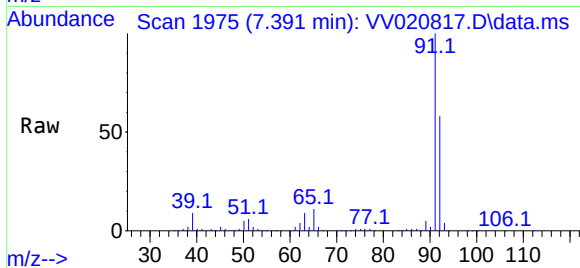
Acq: 30 Mar 2021 14:11

Tgt Ion: 91 Resp: 970184

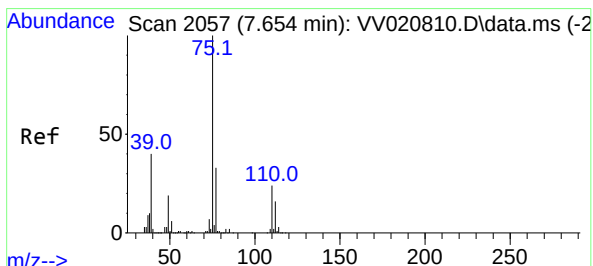
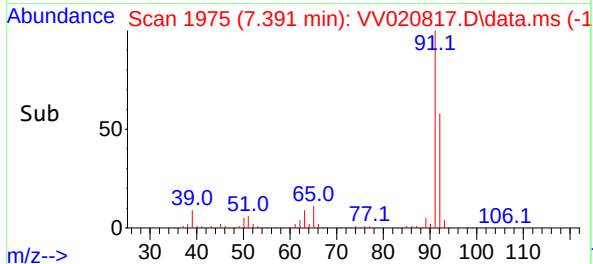
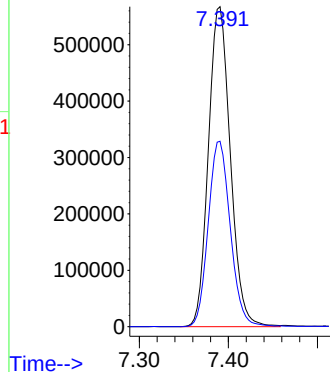
Ion Ratio Lower Upper

91 100

92 57.9 39.9 74.1



Abundance



#44

trans-1,3-Dichloropropene

Concen: 48.96 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV020817.D

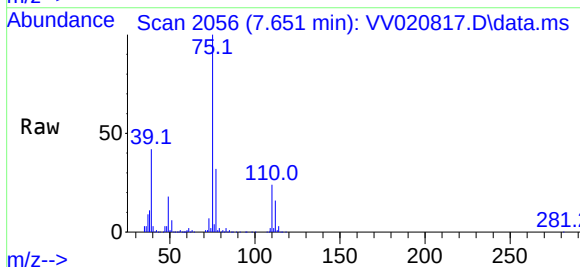
Acq: 30 Mar 2021 14:11

Tgt Ion: 75 Resp: 365154

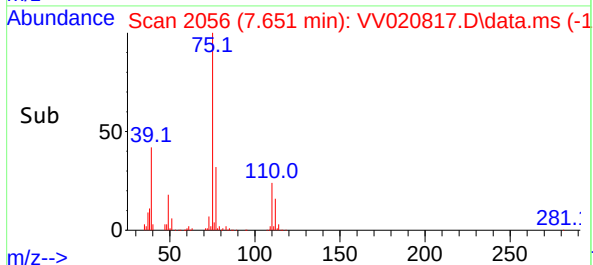
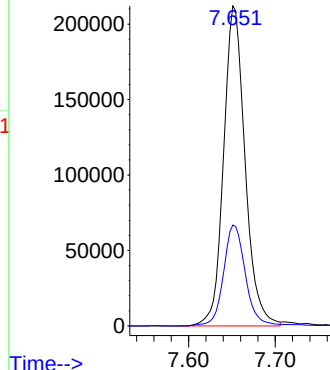
Ion Ratio Lower Upper

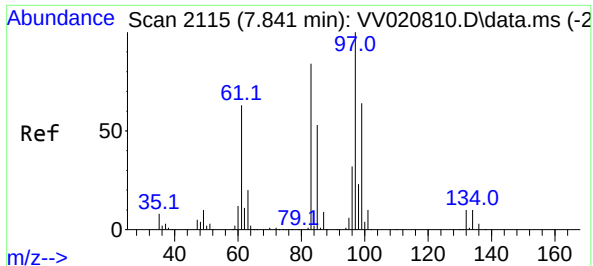
75 100

77 31.6 21.6 40.0



Abundance





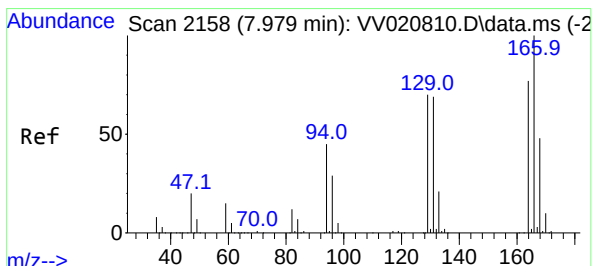
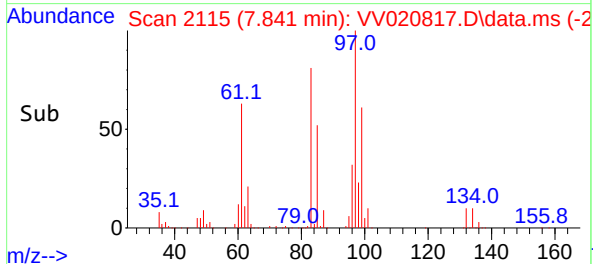
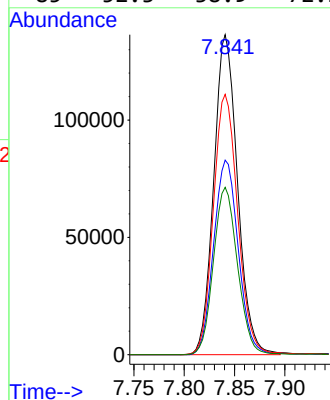
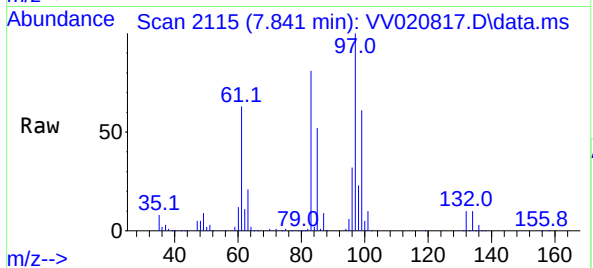
#45

1,1,2-Trichloroethane  
Concen: 47.59 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 97 Resp: 224611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 60.8  | 44.1  | 81.9  |
| 83  | 81.4  | 60.7  | 112.7 |
| 85  | 52.3  | 38.9  | 72.2  |

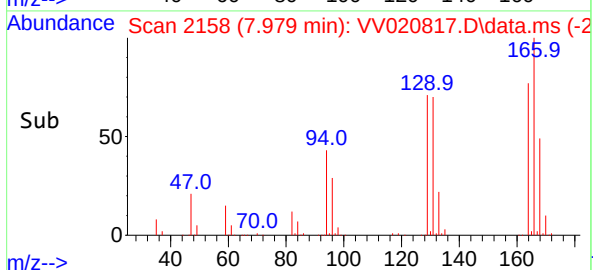
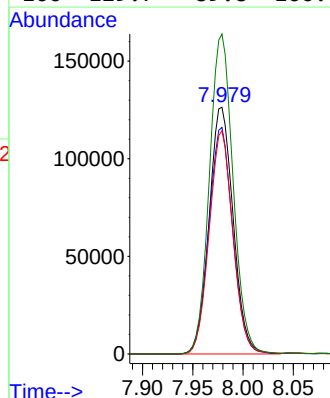
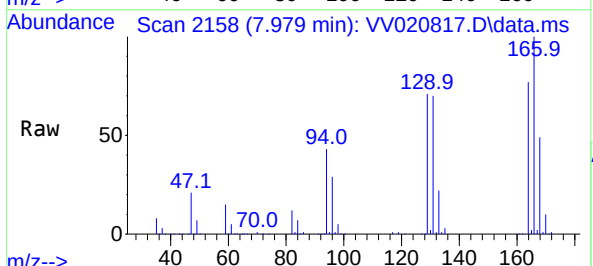


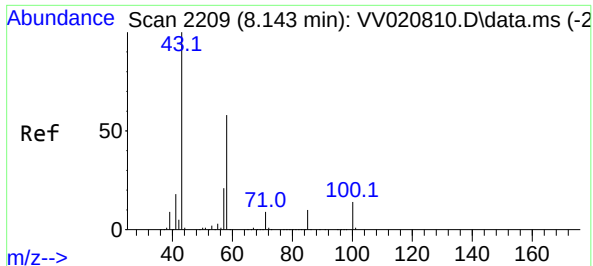
#46

Tetrachloroethene  
Concen: 50.30 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 164 Resp: 210569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.9  | 64.3  | 119.5 |
| 131 | 90.5  | 63.5  | 117.9 |
| 166 | 129.7 | 89.8  | 166.8 |

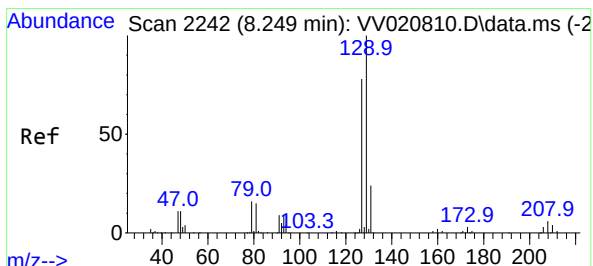
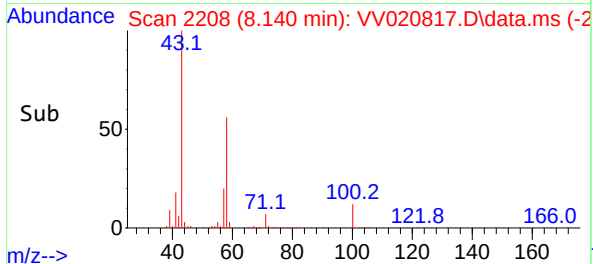
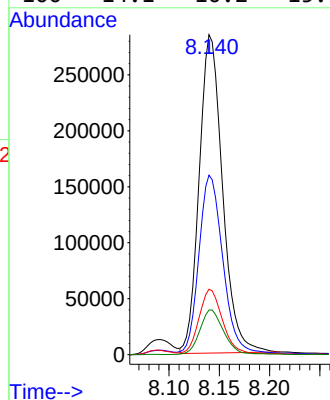
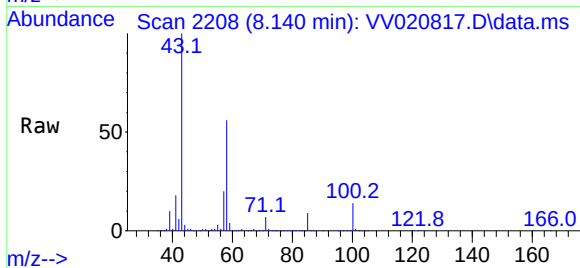




#48  
2-Hexanone  
Concen: 93.67 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

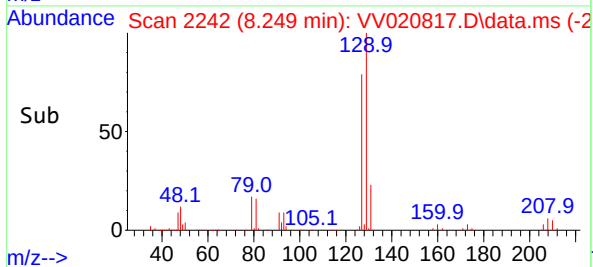
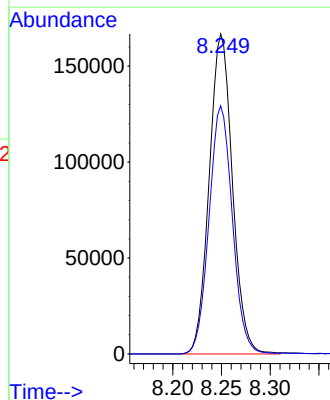
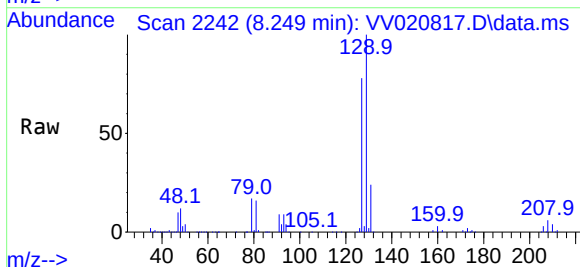
Instrument :  
MSVOA\_V  
ClientSampled :

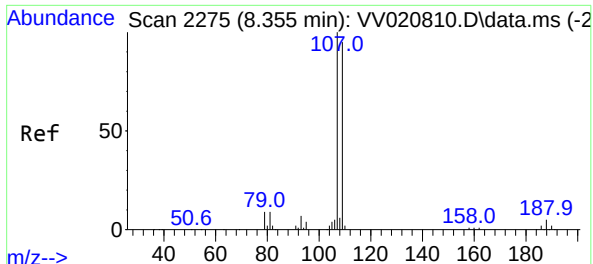
Tgt Ion: 43 Resp: 460055  
Ion Ratio Lower Upper  
43 100  
58 57.3 45.8 68.8  
57 20.4 15.4 23.2  
100 14.1 10.2 15.4



#49  
Dibromochloromethane  
Concen: 50.35 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 129 Resp: 276810  
Ion Ratio Lower Upper  
129 100  
127 77.6 54.6 101.4

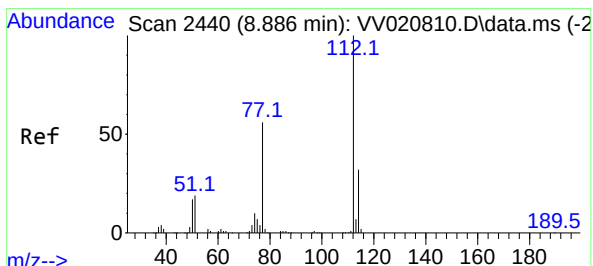
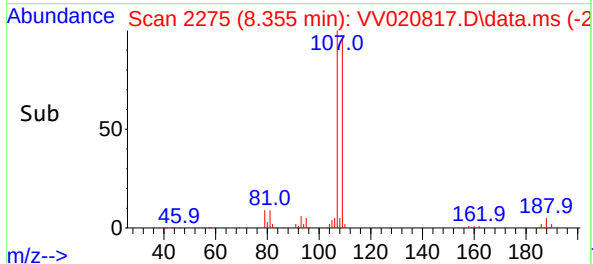
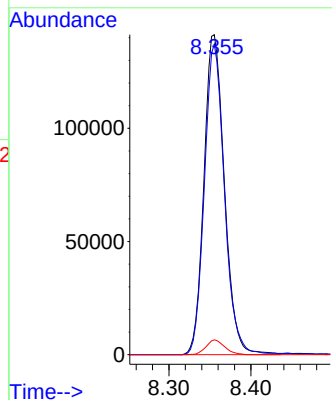
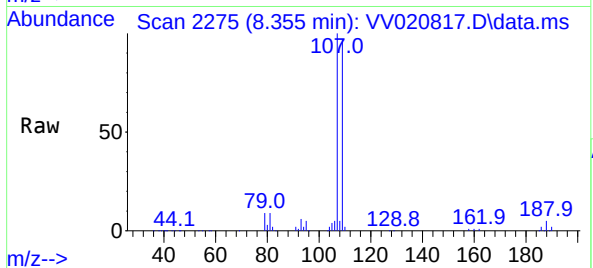




#50  
1,2-Dibromoethane  
Concen: 48.48 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

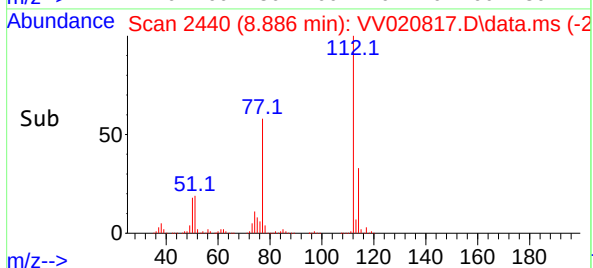
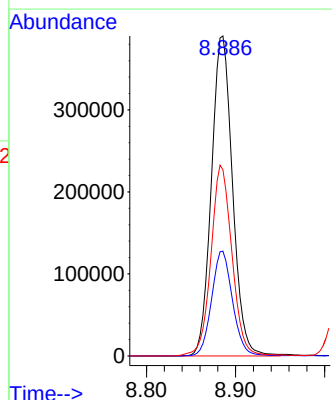
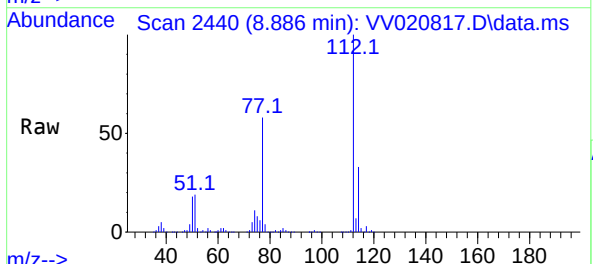
Instrument :  
MSVOA\_V  
ClientSampled :

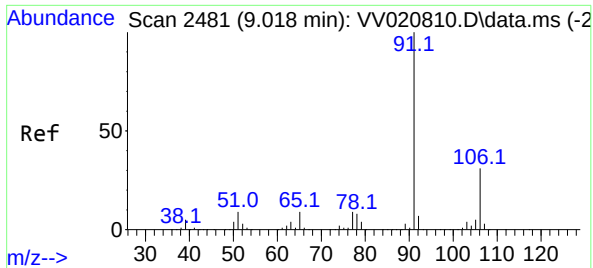
Tgt Ion:107 Resp: 245049  
Ion Ratio Lower Upper  
107 100  
109 97.1 66.7 123.9  
188 4.6 3.0 4.4#



#51  
Chlorobenzene  
Concen: 48.16 ug/L  
RT: 8.886 min Scan# 2440  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:112 Resp: 642874  
Ion Ratio Lower Upper  
112 100  
114 32.8 22.4 41.6  
77 58.2 46.7 70.1

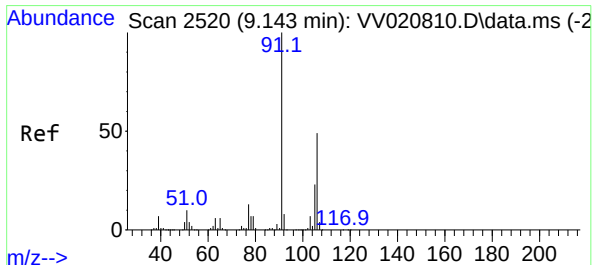
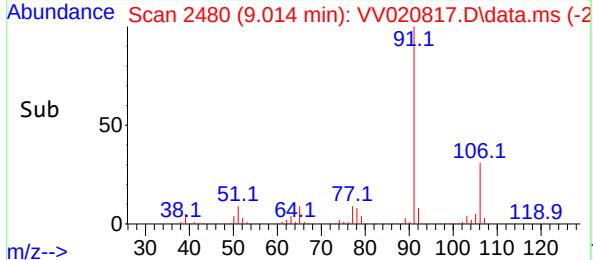
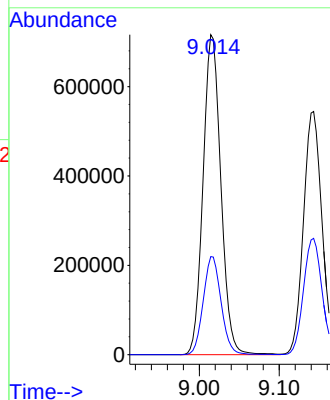
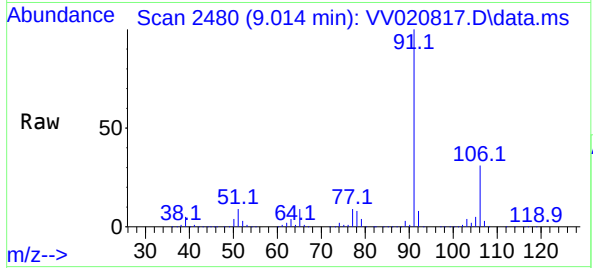




#52  
Ethylbenzene  
Concen: 48.98 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

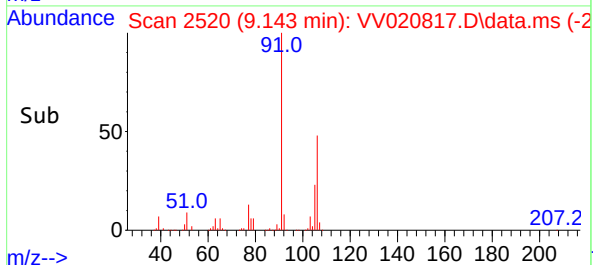
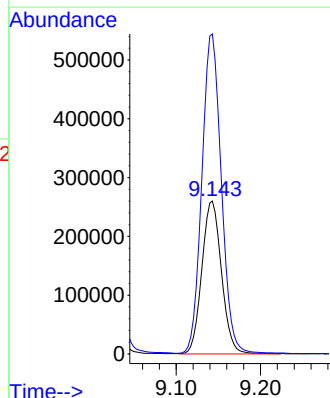
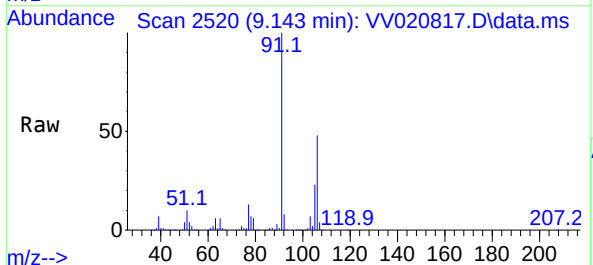
Instrument :  
MSVOA\_V  
ClientSampleId :

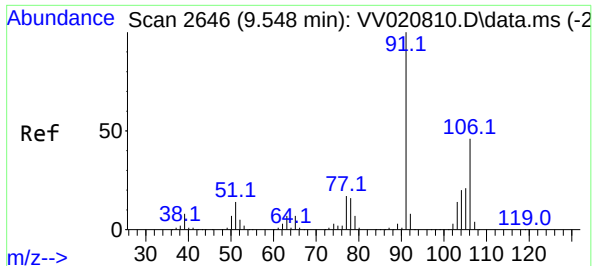
Tgt Ion: 91 Resp: 1111575  
Ion Ratio Lower Upper  
91 100  
106 30.6 21.4 39.8



#53  
m,p-Xylene  
Concen: 50.05 ug/L  
RT: 9.143 min Scan# 2520  
Delta R.T. 0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:106 Resp: 422443  
Ion Ratio Lower Upper  
106 100  
91 209.1 145.7 270.7

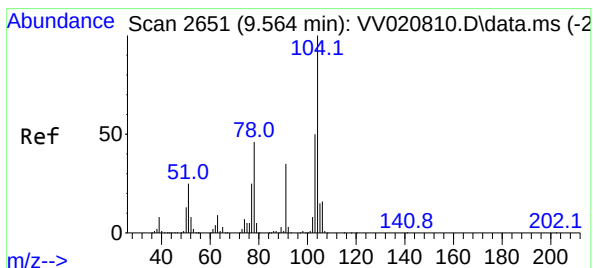
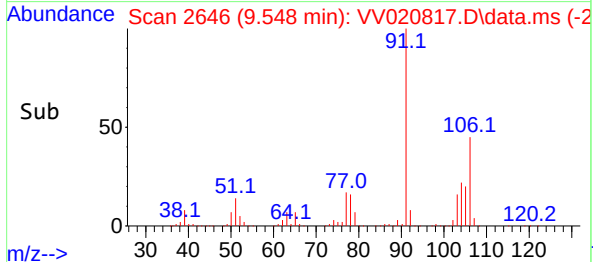
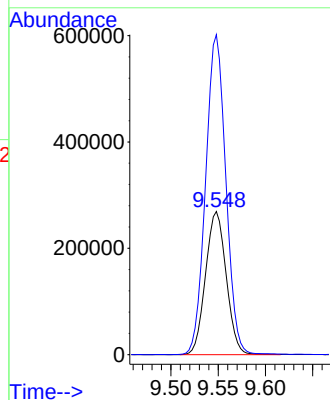
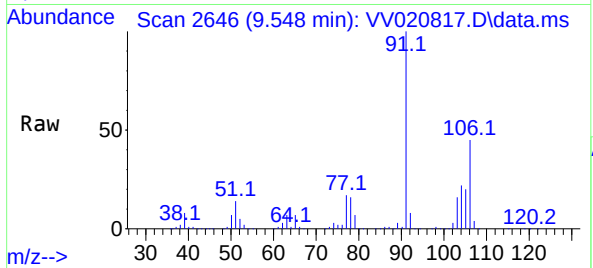




#54  
o-xylene  
Concen: 50.35 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

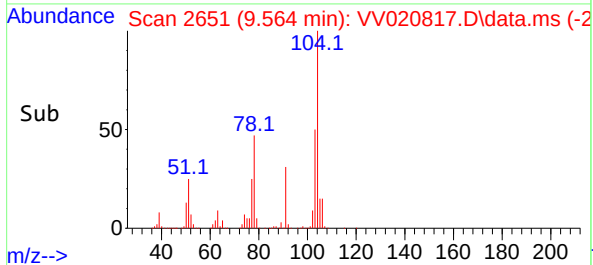
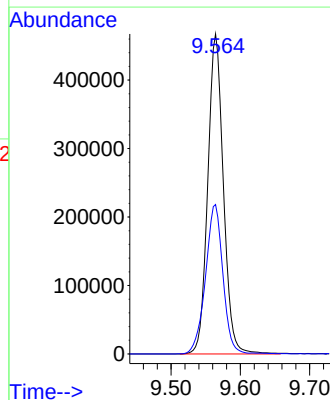
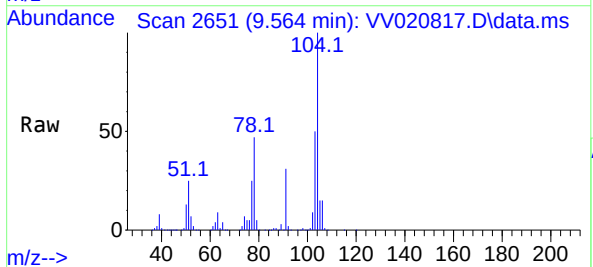
Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion:106 Resp: 409644  
Ion Ratio Lower Upper  
106 100  
91 223.5 157.8 293.1

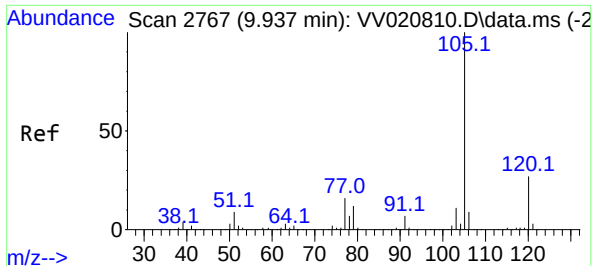


#55  
Styrene  
Concen: 51.08 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:104 Resp: 730196  
Ion Ratio Lower Upper  
104 100  
78 46.7 33.6 62.4



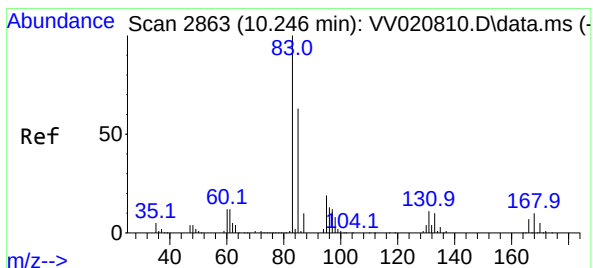
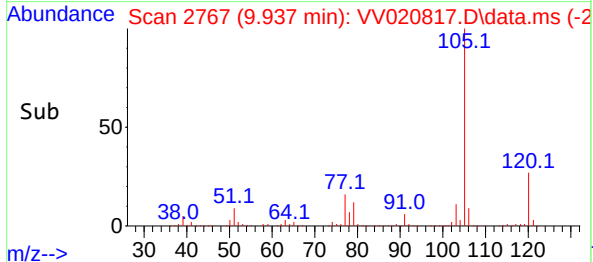
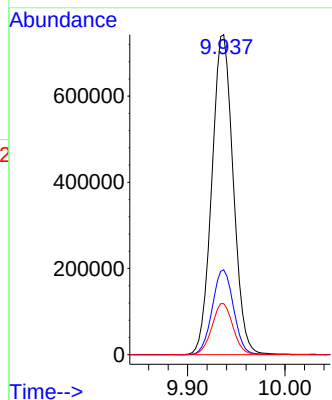
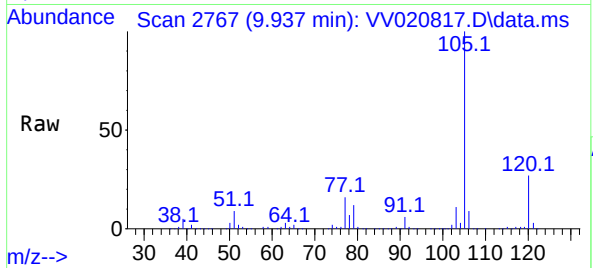




#56  
Isopropylbenzene  
Concen: 50.51 ug/L  
RT: 9.937 min Scan# 2767  
Delta R.T. 0.003 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

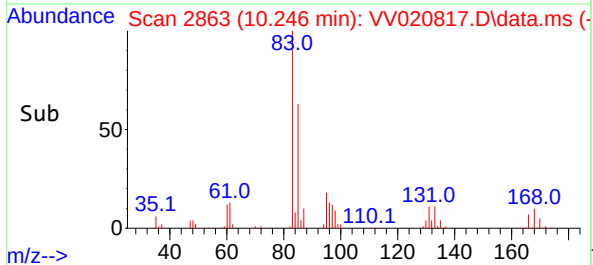
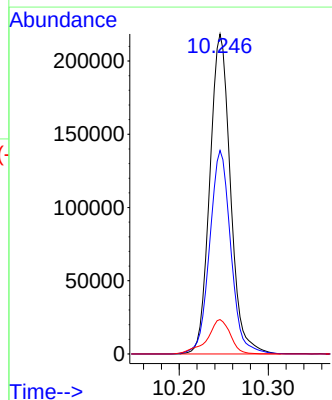
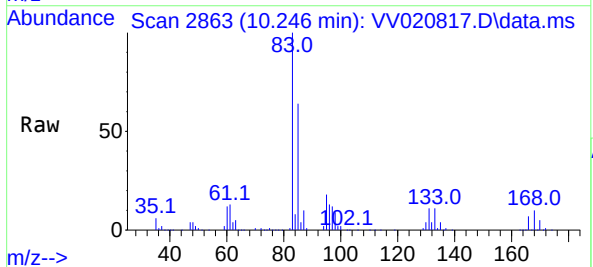
Instrument :  
MSVOA\_V  
ClientSampled :

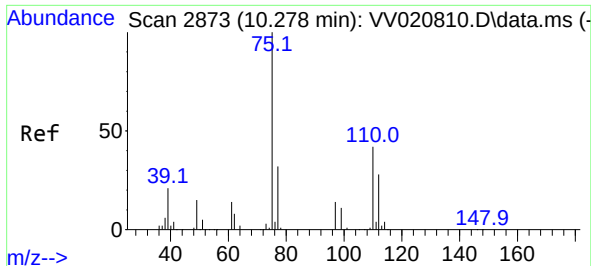
Tgt Ion:105 Resp: 1131519  
Ion Ratio Lower Upper  
105 100  
120 26.6 20.8 31.2  
77 15.8 12.9 19.3



#58  
1,1,2,2-Tetrachloroethane  
Concen: 45.60 ug/L  
RT: 10.246 min Scan# 2863  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion: 83 Resp: 351055  
Ion Ratio Lower Upper  
83 100  
85 63.6 44.7 83.1  
131 10.8 8.6 12.8

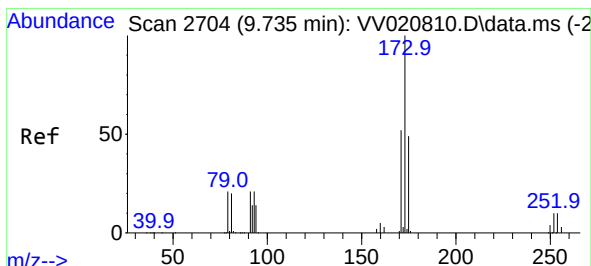
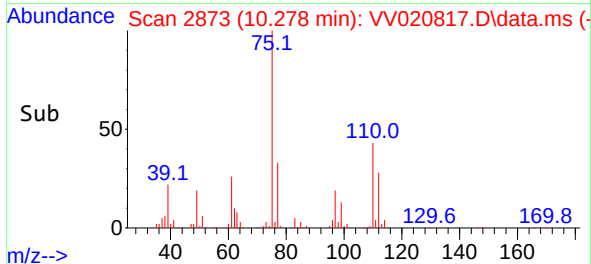
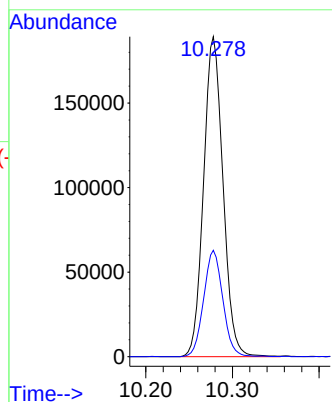
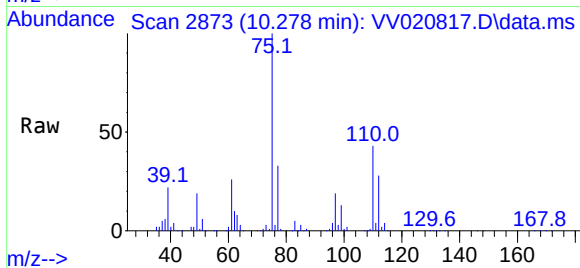




#59  
1,2,3-Trichloropropane  
Concen: 46.97 ug/L  
RT: 10.278 min Scan# 2873  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

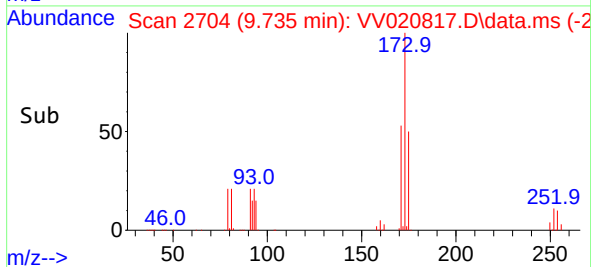
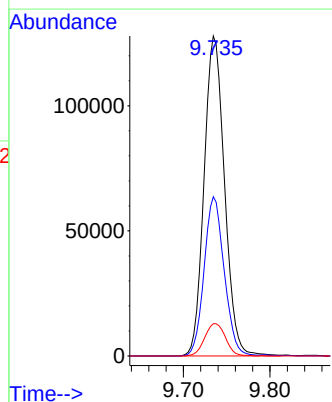
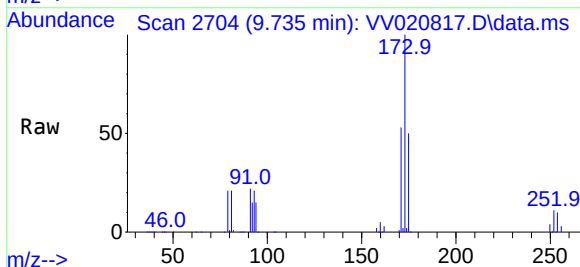
Instrument :  
MSVOA\_V  
ClientSampled :

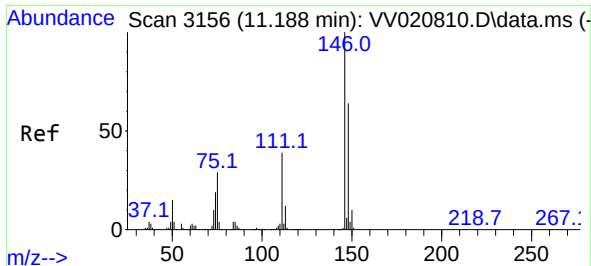
Tgt Ion: 75 Resp: 294280  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.3 37.9



#61  
Bromoform  
Concen: 47.72 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:173 Resp: 210118  
Ion Ratio Lower Upper  
173 100  
175 48.8 38.4 57.6  
254 10.3 8.5 12.7

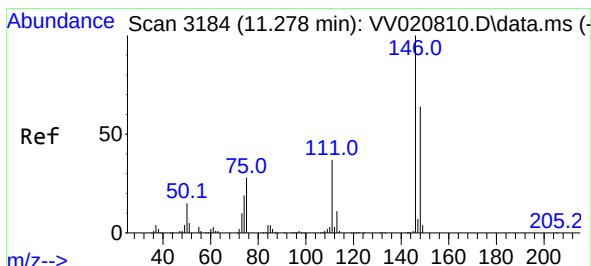
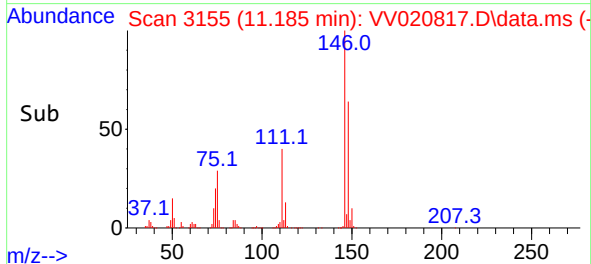
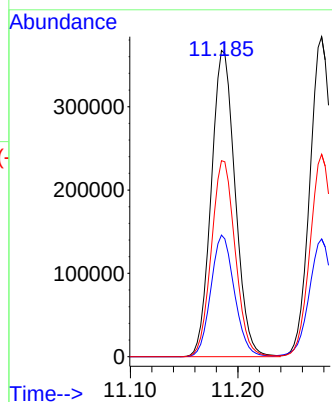
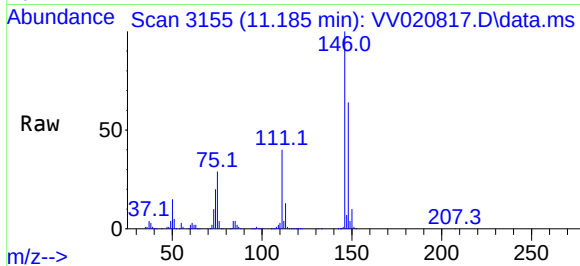




#62  
1,3-Dichlorobenzene  
Concen: 47.99 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

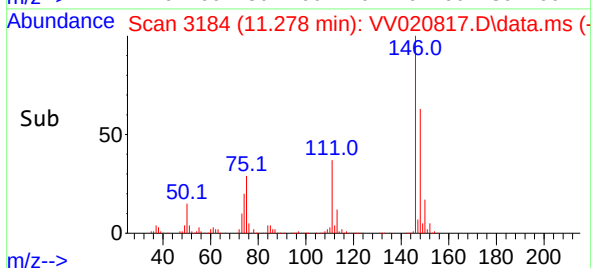
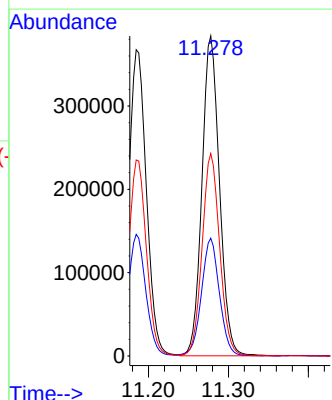
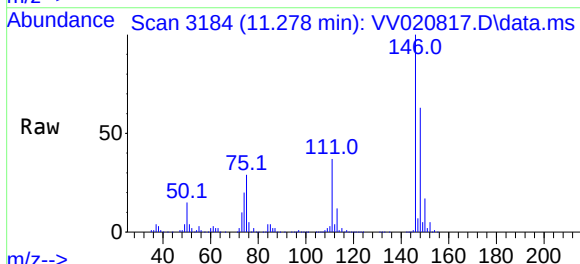
Instrument :  
MSVOA\_V  
ClientSampleId :

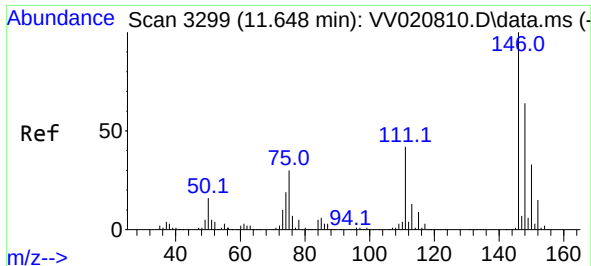
Tgt Ion:146 Resp: 568054  
Ion Ratio Lower Upper  
146 100  
111 39.7 27.4 51.0  
148 64.0 44.9 83.5



#63  
1,4-Dichlorobenzene  
Concen: 47.64 ug/L  
RT: 11.278 min Scan# 3184  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:146 Resp: 586490  
Ion Ratio Lower Upper  
146 100  
111 36.8 26.0 48.4  
148 63.3 44.1 81.9

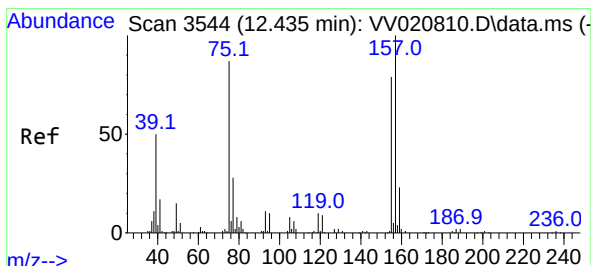
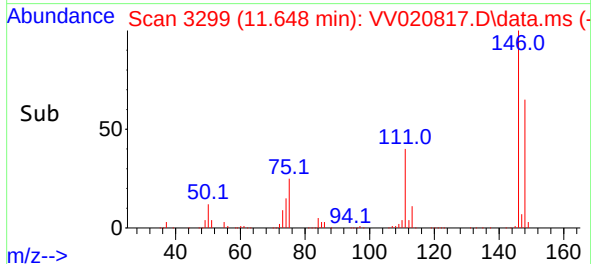
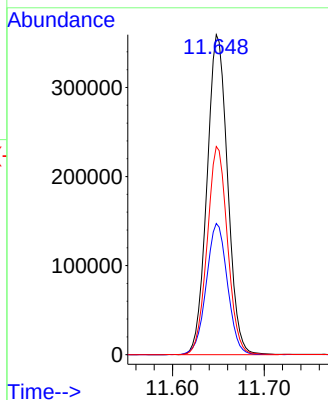
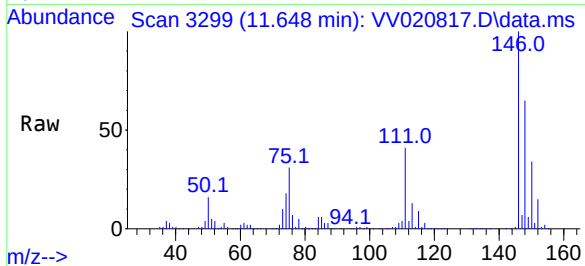




#65  
1,2-Dichlorobenzene  
Concen: 48.21 ug/L  
RT: 11.648 min Scan# 3299  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

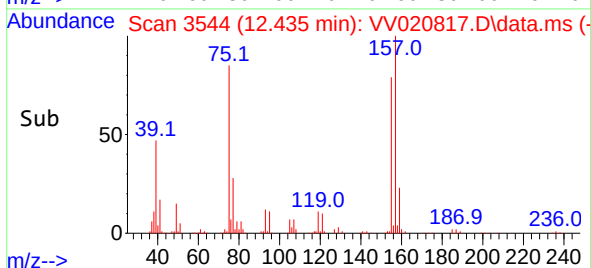
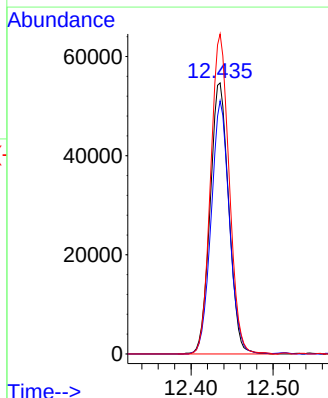
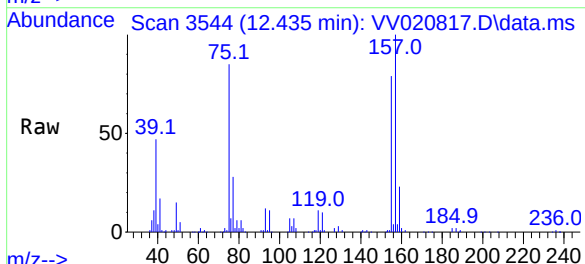
Instrument :  
MSVOA\_V  
ClientSampleId :

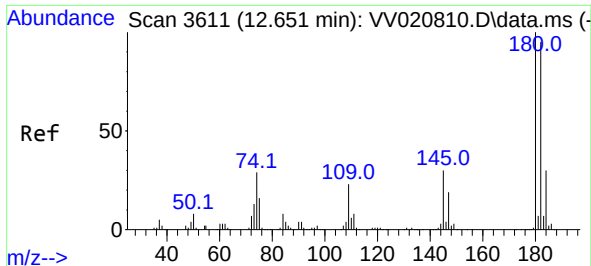
Tgt Ion:146 Resp: 562401  
Ion Ratio Lower Upper  
146 100  
111 41.0 34.1 51.1  
148 65.1 51.4 77.0



#66  
1,2-Dibromo-3-chloropropane  
Concen: 43.84 ug/L  
RT: 12.435 min Scan# 3544  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

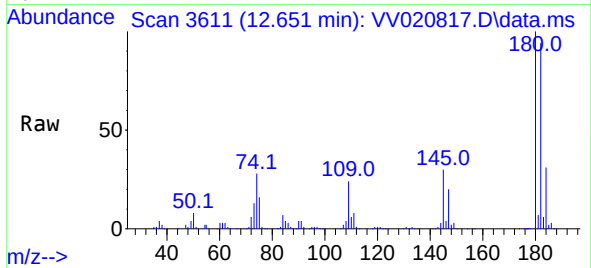
Tgt Ion: 75 Resp: 86456  
Ion Ratio Lower Upper  
75 100  
155 93.4 65.3 97.9  
157 118.1 85.8 128.6



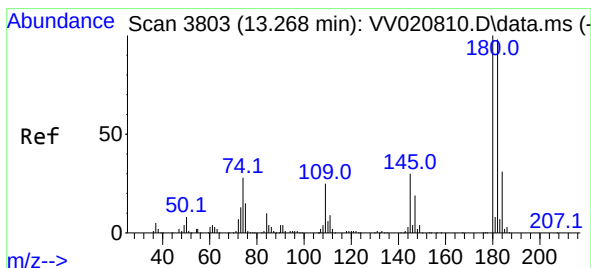
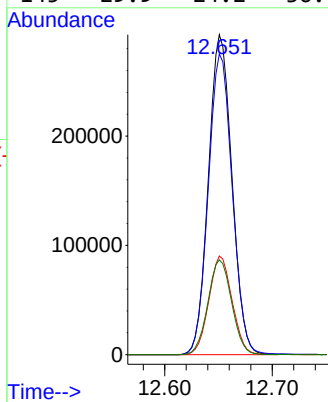
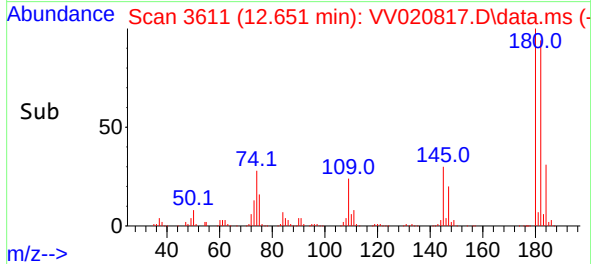


#67  
1,3,5-Trichlorobenzene  
Concen: 48.54 ug/L  
RT: 12.651 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

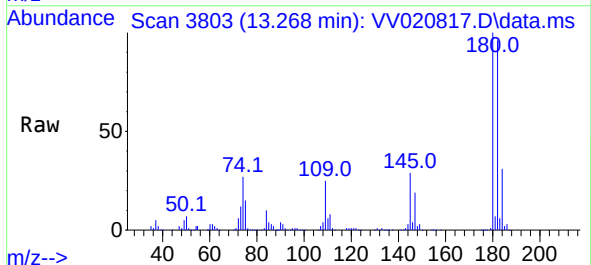
Instrument :  
MSVOA\_V  
ClientSampleId :



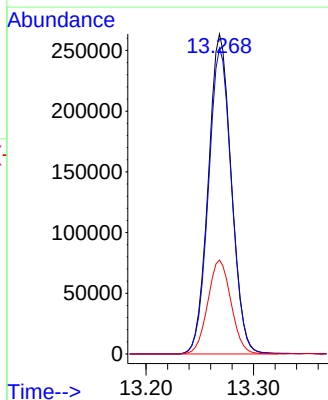
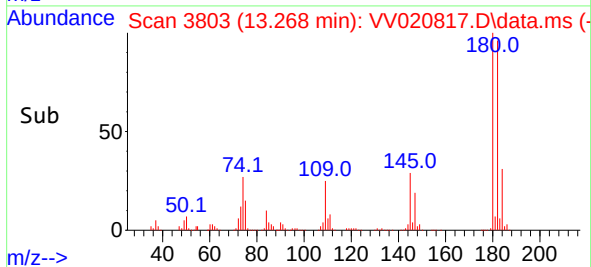
Tgt Ion:180 Resp: 445381  
Ion Ratio Lower Upper  
180 100  
182 95.8 76.3 114.5  
184 30.5 24.5 36.7  
145 29.9 24.2 36.4

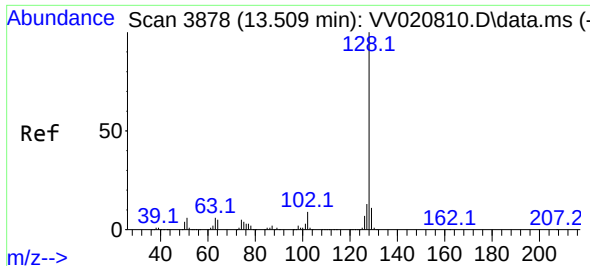


#68  
1,2,4-trichlorobenzene  
Concen: 50.38 ug/L  
RT: 13.268 min Scan# 3803  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11



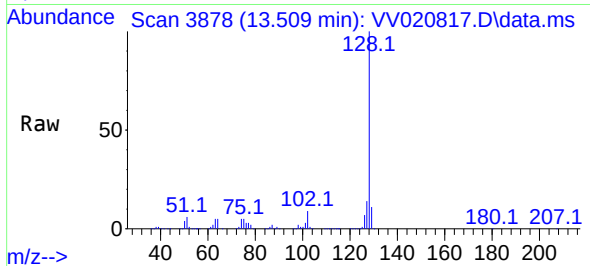
Tgt Ion:180 Resp: 391913  
Ion Ratio Lower Upper  
180 100  
182 96.0 75.8 113.6  
145 29.6 23.9 35.9



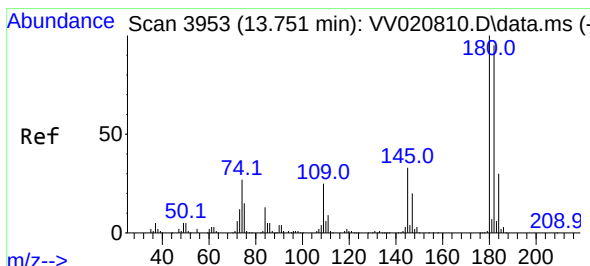
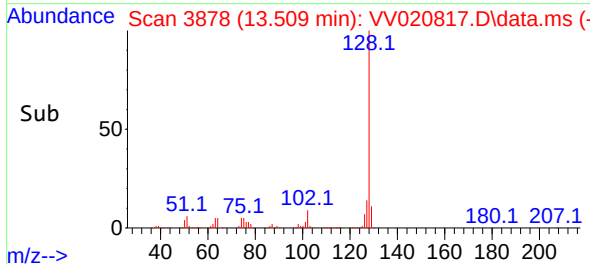
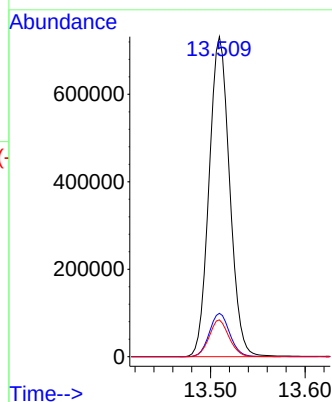


#69  
Naphthalene  
Concen: 49.56 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion:128 Resp: 1103630  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.5 15.7  
129 11.1 8.7 13.1



#70  
1,2,3-Trichlorobenzene  
Concen: 50.32 ug/L  
RT: 13.750 min Scan# 3953  
Delta R.T. -0.000 min  
Lab File: VV020817.D  
Acq: 30 Mar 2021 14:11

Tgt Ion:180 Resp: 392031  
Ion Ratio Lower Upper  
180 100  
182 95.7 75.2 112.8  
145 31.9 25.5 38.3

