

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051524\  
 Data File : VY018265.D  
 Acq On : 15 May 2024 10:15  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 16 03:03:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 01:40:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 200090   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 336715   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 285615   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 124452   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 76932    | 52.264   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 104.520% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 86369    | 48.807   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.620%  |
| 50) Toluene-d8              | 10.179 | 98    | 349003   | 50.048   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 100.100% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 105895   | 47.023   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 94.040%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 79239  | 49.936  | ug/l   | 100 |
| 3) Chloromethane             | 2.107 | 50  | 115732 | 54.485  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 140045 | 54.388  | ug/l   | 98  |
| 5) Bromomethane              | 2.644 | 94  | 93355  | 52.205  | ug/l   | 99  |
| 6) Chloroethane              | 2.790 | 64  | 88433  | 54.115  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 153991 | 51.057  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.522 | 74  | 49883  | 50.241  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 97293  | 50.616  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.082 | 142 | 110287 | 49.134  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 4.936 | 59  | 35281  | 273.828 | ug/l # | 80  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 99339  | 51.337  | ug/l   | 95  |
| 13) Acrolein                 | 3.723 | 56  | 33081  | 229.606 | ug/l   | 97  |
| 14) Allyl chloride           | 4.473 | 41  | 128815 | 52.328  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.155 | 53  | 96862  | 253.682 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 89112  | 303.358 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.192 | 76  | 274320 | 52.074  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.479 | 43  | 39480  | 47.181  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 214554 | 49.775  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.710 | 84  | 104103 | 50.139  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 104899 | 51.141  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.113 | 45  | 267311 | 51.189  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.052 | 43  | 823095 | 259.330 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 167924 | 52.210  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 122313 | 260.483 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 152011 | 52.219  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 122139 | 50.386  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.332 | 49  | 61741  | 48.027  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 77235  | 249.183 | ug/l   | 93  |
| 30) Chloroform               | 7.503 | 83  | 170834 | 50.878  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 147064 | 51.418  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 155297 | 51.602  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 126153 | 49.729  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.076 | 43  | 53863  | 50.447  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 141451 | 51.030  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 177443 | 48.485  | ug/l   | 99  |
| 40) Benzene                  | 8.155 | 78  | 409181 | 50.145  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051524\  
 Data File : VY018265.D  
 Acq On : 15 May 2024 10:15  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 16 03:03:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 01:40:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 32641    | 52.940  | ug/l   | 87       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 88866    | 50.053  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 108194   | 49.436  | ug/l   | 94       |
| 44) Trichloroethene           | 8.935  | 130  | 107727   | 48.496  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 87650    | 49.132  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 50086    | 48.837  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 126316   | 49.821  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 48570    | 48.422  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 12972    | 952.889 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 267972   | 243.614 | ug/l   | 95       |
| 52) Toluene                   | 10.246 | 92   | 259157   | 49.333  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 118520   | 50.046  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 143794   | 49.672  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 68712    | 48.771  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 92324    | 48.251  | ug/l # | 90       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 112439   | 49.037  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 264337   | 289.313 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 194982   | 253.514 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.984 | 129  | 88118    | 48.207  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 63714    | 48.013  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.721 | 164  | 92682    | 48.738  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 282149   | 48.504  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 92520    | 49.171  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 491995   | 50.092  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 384078   | 98.886  | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 181808   | 48.777  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 302925   | 48.665  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 48861    | 46.932  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 467694   | 50.123  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.142 | 43   | 95177    | 49.137  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 73877    | 49.633  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 90506    | 90.855  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 104622   | 48.807  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 552201   | 50.879  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 298665   | 49.521  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 369983   | 50.285  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 25200    | 48.739  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 296923   | 49.013  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 334785   | 49.330  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 360827   | 50.064  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 500624   | 50.290  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 411999   | 50.309  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 206165   | 49.801  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 202839   | 50.261  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 372548   | 50.266  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 79124    | 49.248  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 175741   | 49.391  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 9142     | 45.106  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 100309   | 50.146  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 52047    | 47.158  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 180224   | 49.168  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 81339    | 49.549  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051524\  
Data File : VY018265.D  
Acq On : 15 May 2024 10:15  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

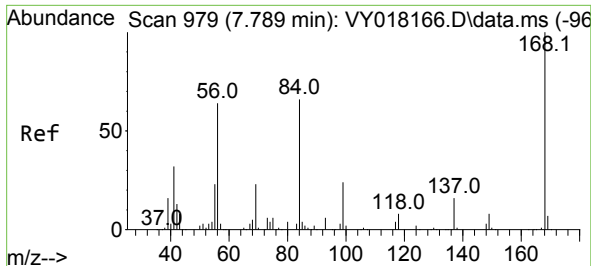
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Quant Time: May 16 03:03:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 01:40:14 2024  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

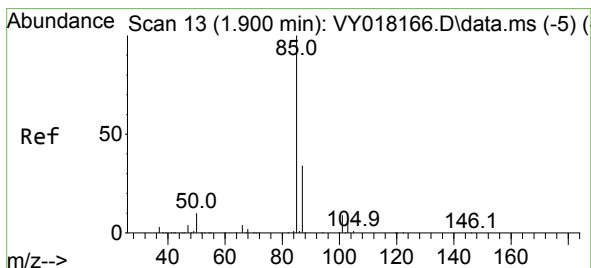
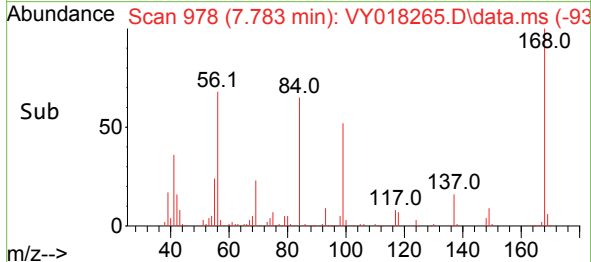
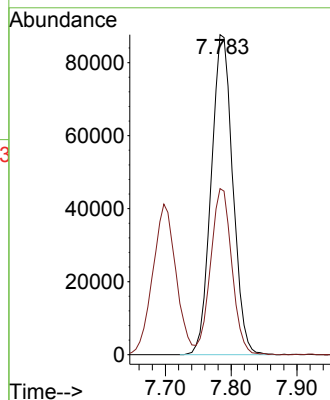
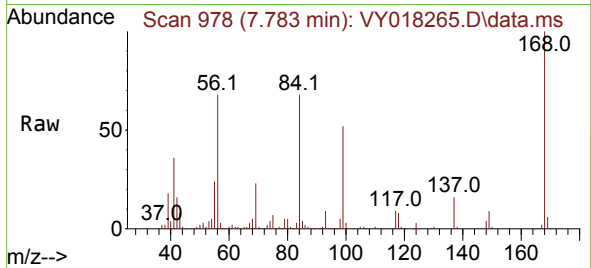




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

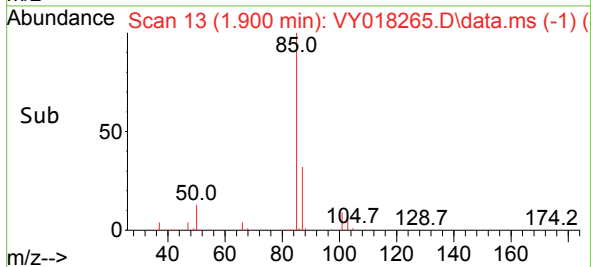
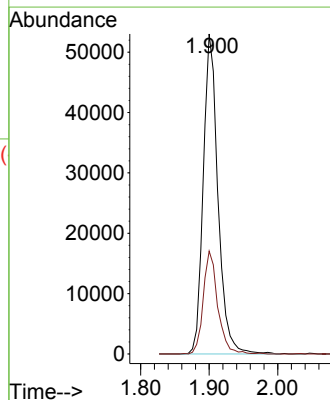
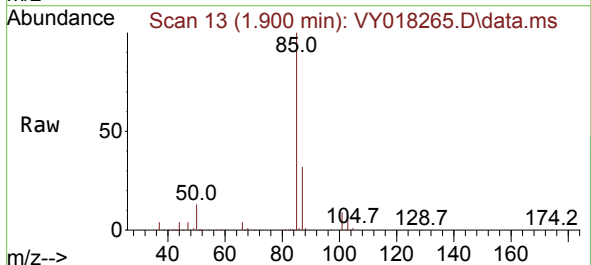
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

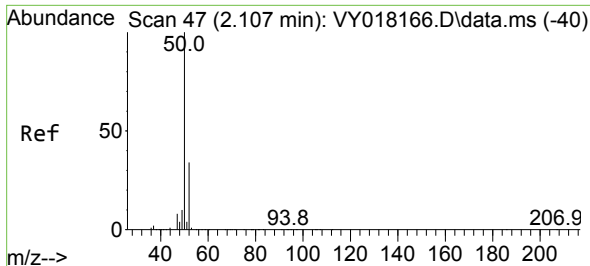
Tgt Ion:168 Resp: 200090  
Ion Ratio Lower Upper  
168 100  
99 51.9 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 49.936 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 85 Resp: 79239  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.0 48.0

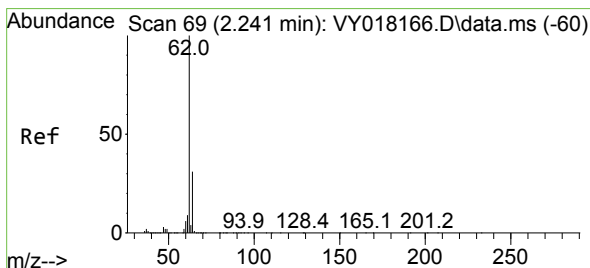
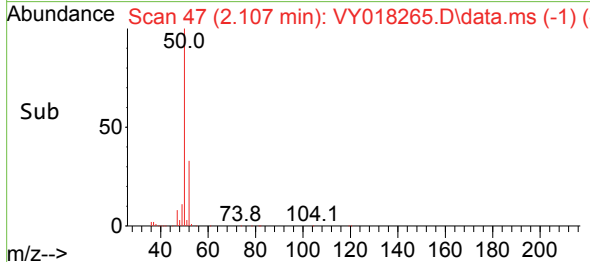
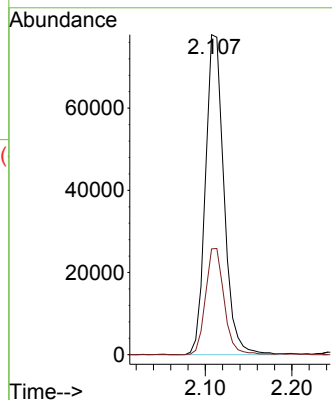
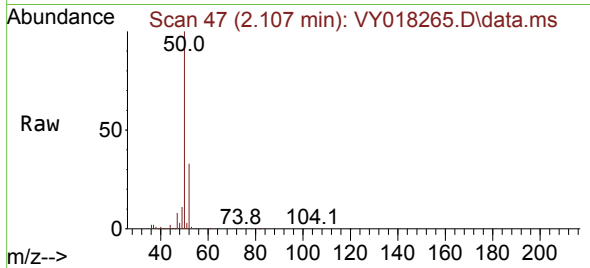




#3  
Chloromethane  
Concen: 54.485 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

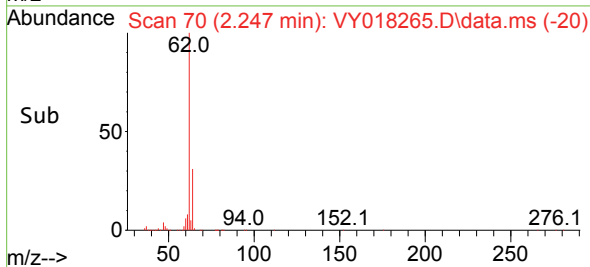
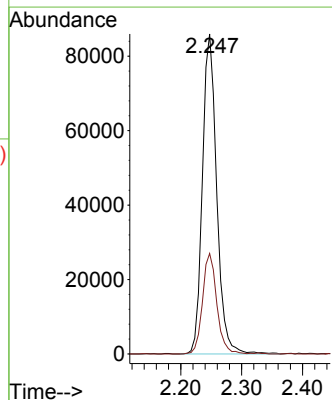
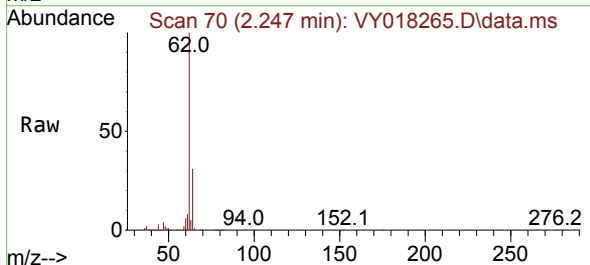
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

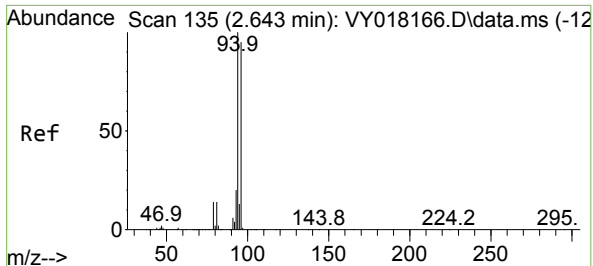
Tgt Ion: 50 Resp: 115732  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 54.388 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 62 Resp: 140045  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.1 39.1

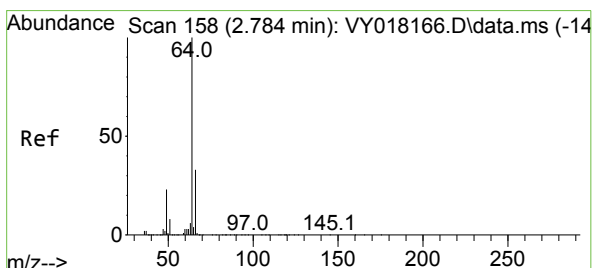
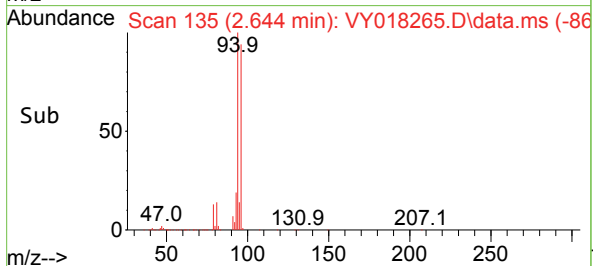
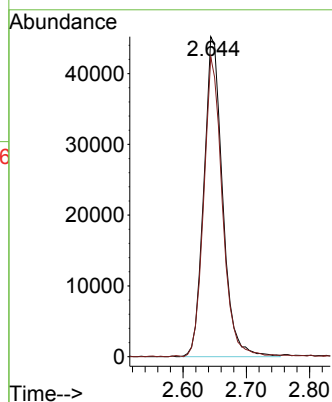
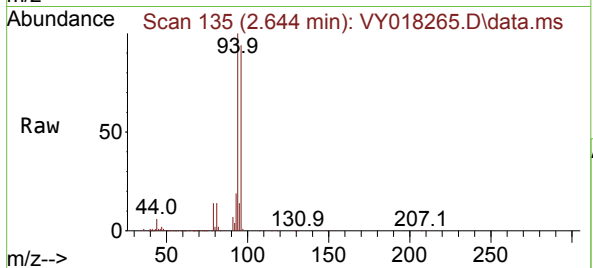




#5  
Bromomethane  
Concen: 52.205 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

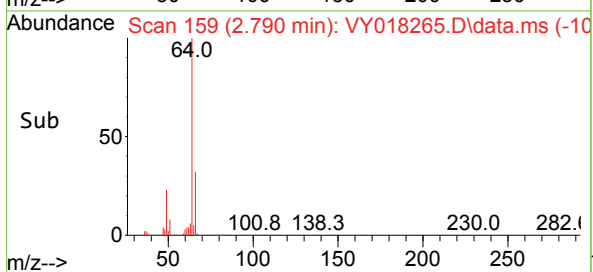
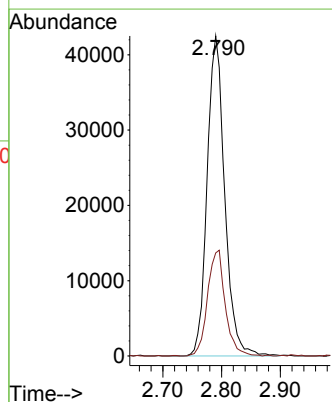
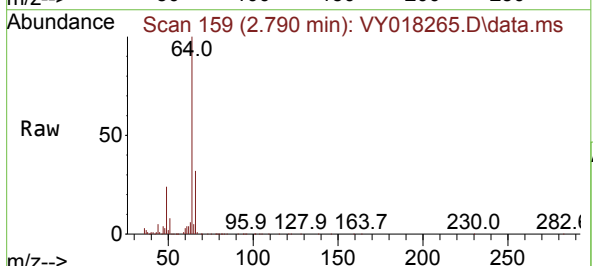
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

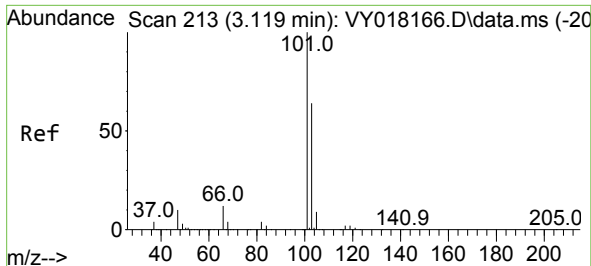
Tgt Ion: 94 Resp: 93355  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.1 111.1



#6  
Chloroethane  
Concen: 54.115 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 64 Resp: 88433  
Ion Ratio Lower Upper  
64 100  
66 32.2 26.1 39.1

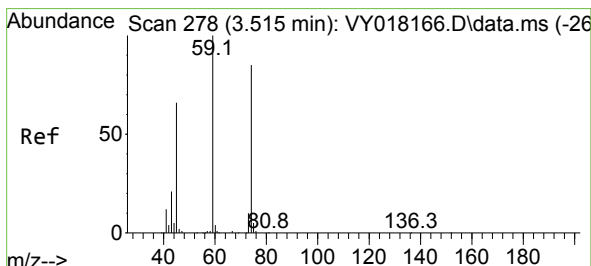
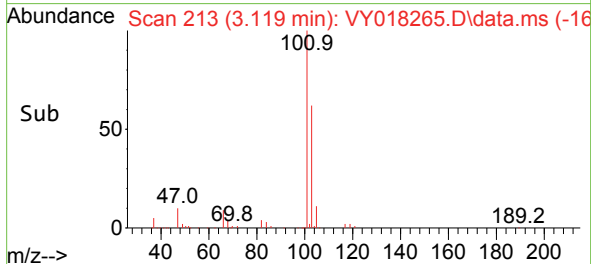
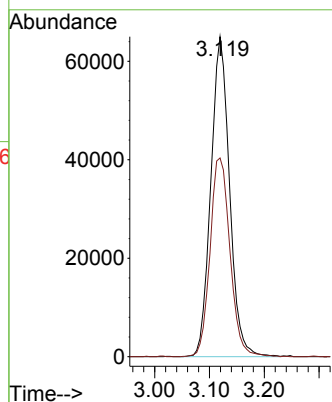
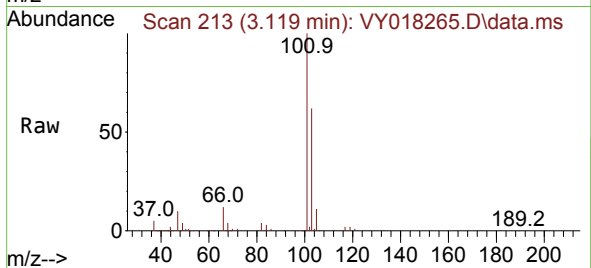




#7  
 Trichlorofluoromethane  
 Concen: 51.057 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

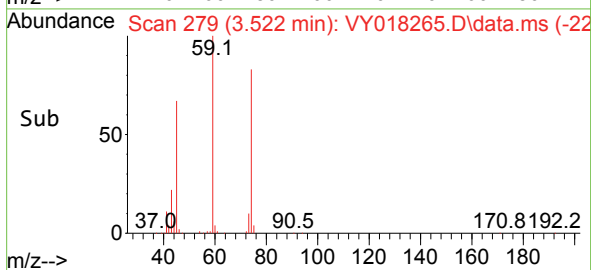
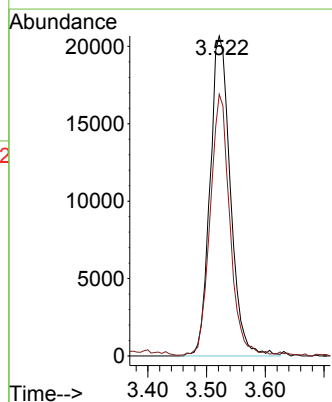
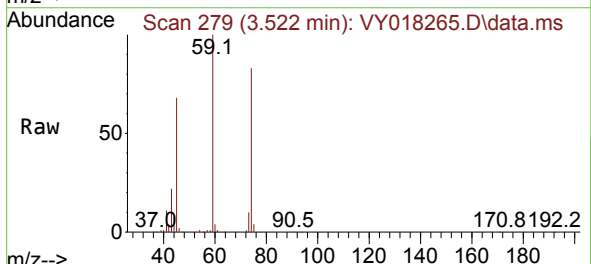
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

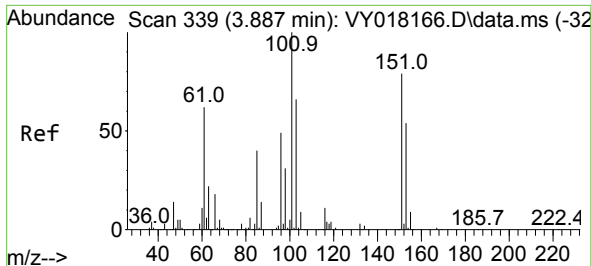
Tgt Ion:101 Resp: 153991  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 50.241 ug/l  
 RT: 3.522 min Scan# 279  
 Delta R.T. 0.006 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

Tgt Ion: 74 Resp: 49883  
 Ion Ratio Lower Upper  
 74 100  
 45 78.4 41.3 124.1

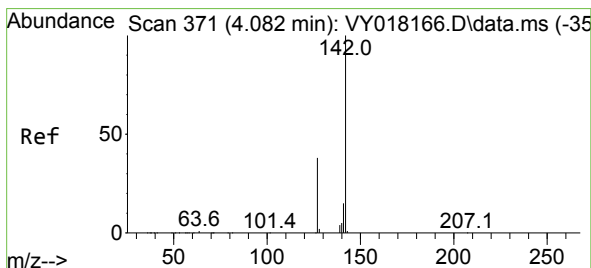
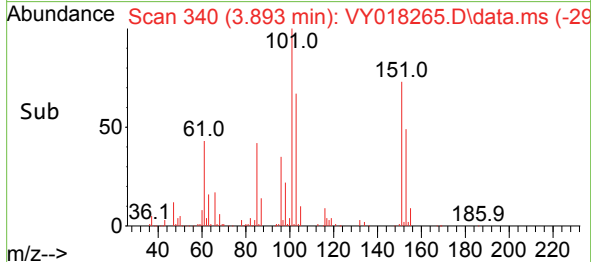
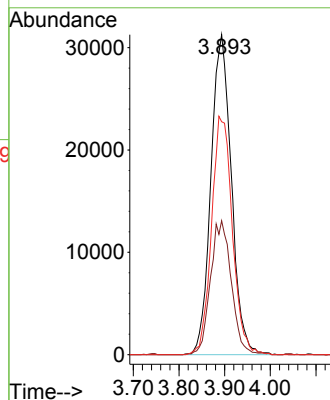
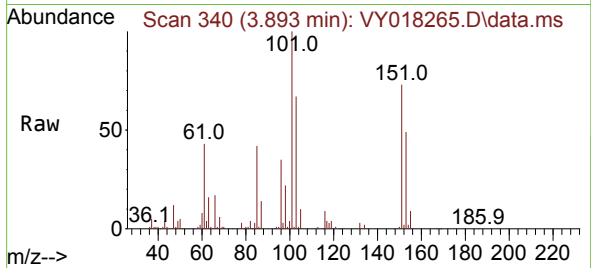




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.616 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

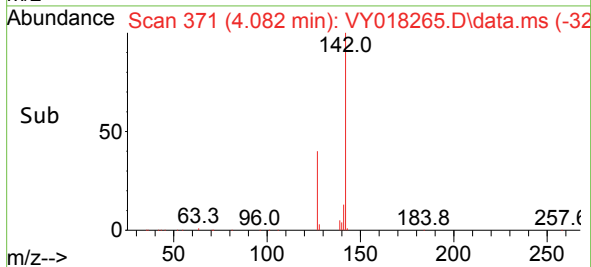
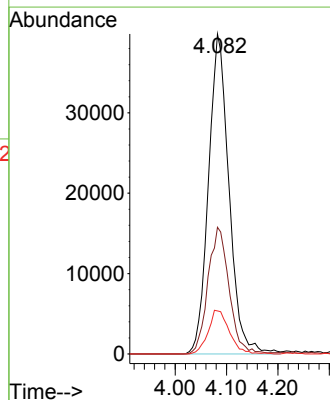
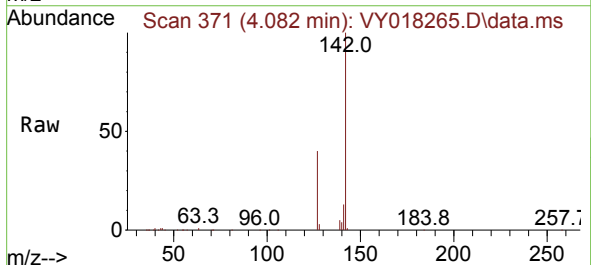
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

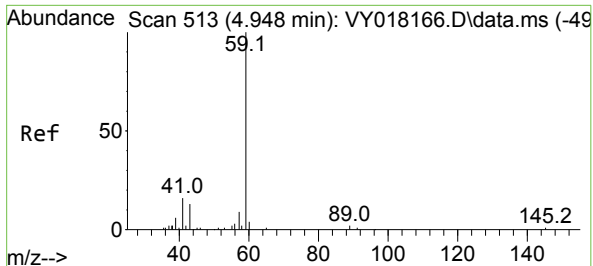
Tgt Ion:101 Resp: 97293  
Ion Ratio Lower Upper  
101 100  
85 42.6 34.5 51.7  
151 75.9 61.7 92.5



#10  
Methyl Iodide  
Concen: 49.134 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion:142 Resp: 110287  
Ion Ratio Lower Upper  
142 100  
127 40.8 32.8 49.2  
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 273.828 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

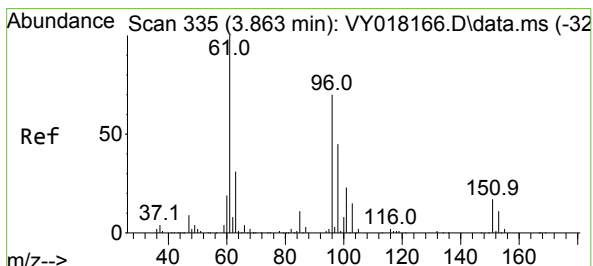
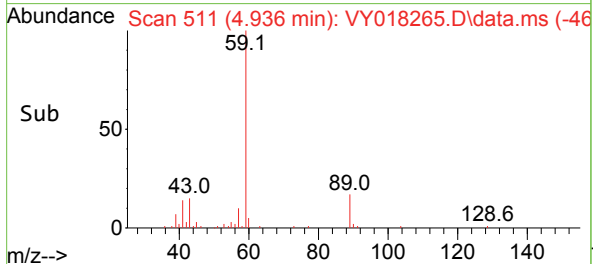
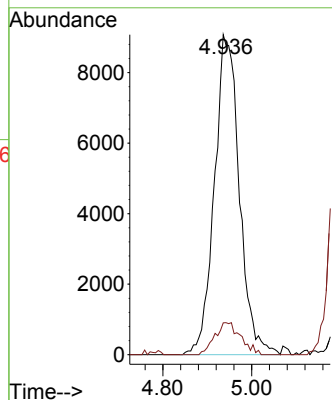
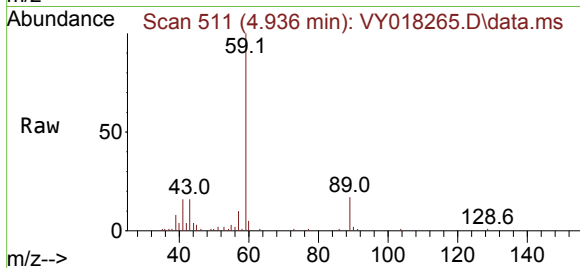
VSTDCCC050

Tgt Ion: 59 Resp: 35281

Ion Ratio Lower Upper

59 100

57 10.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.337 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

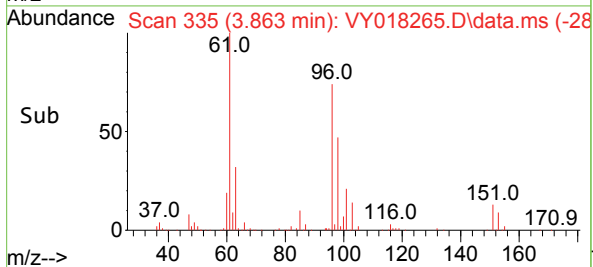
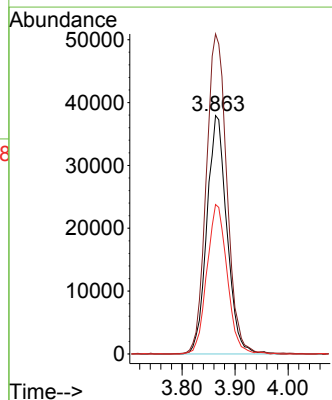
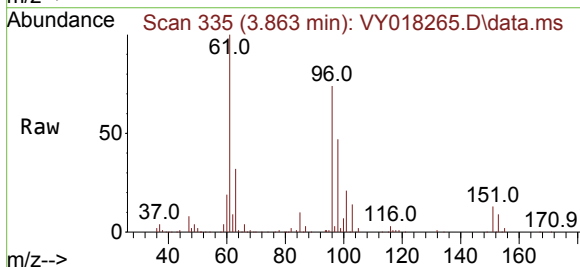
Tgt Ion: 96 Resp: 99339

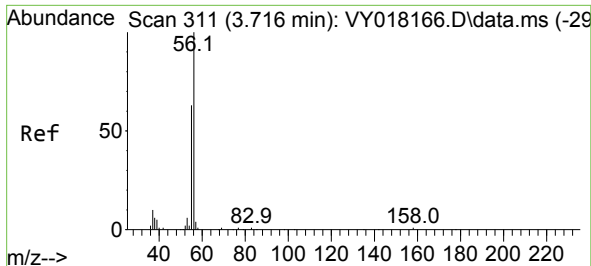
Ion Ratio Lower Upper

96 100

61 134.1 114.6 171.8

98 62.7 50.8 76.2

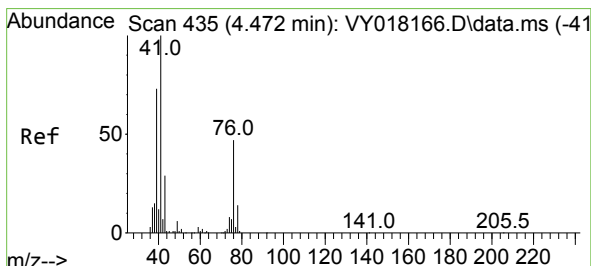
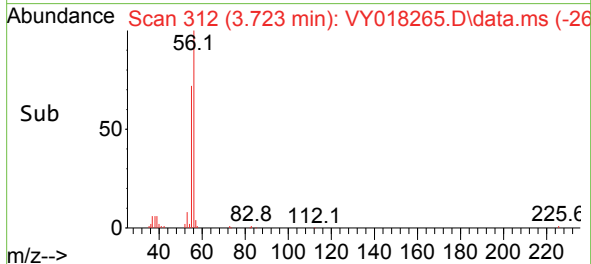
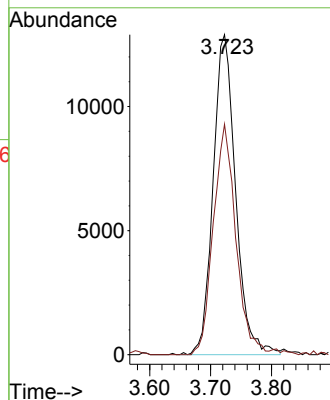
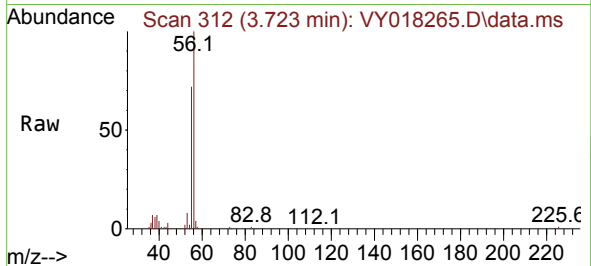




#13  
Acrolein  
Concen: 229.606 ug/l  
RT: 3.723 min Scan# 311  
Delta R.T. 0.007 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

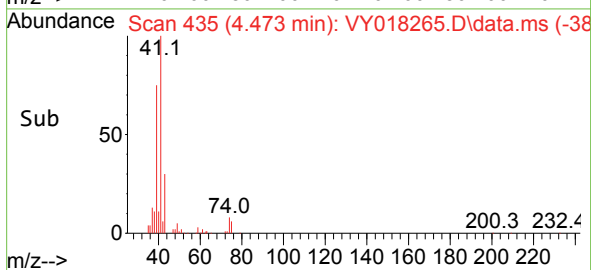
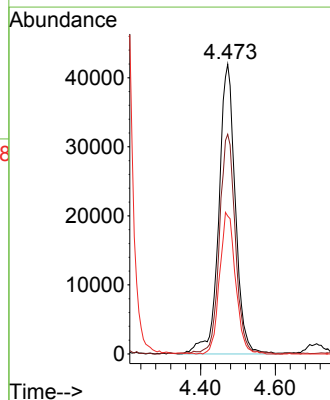
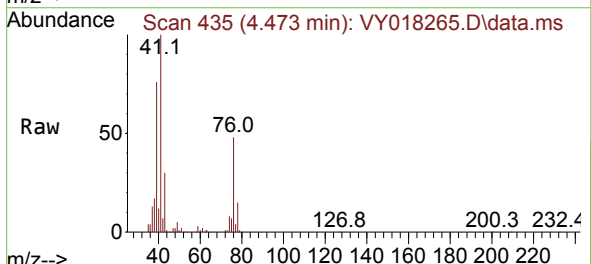
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

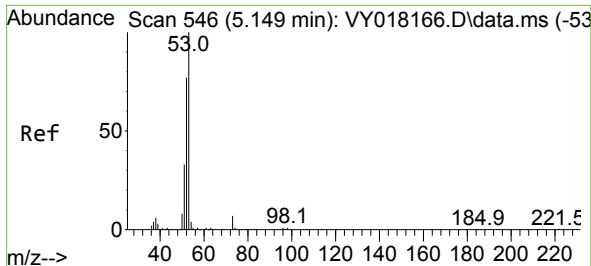
Tgt Ion: 56 Resp: 33081  
Ion Ratio Lower Upper  
56 100  
55 72.1 55.7 83.5



#14  
Allyl chloride  
Concen: 52.328 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 41 Resp: 128815  
Ion Ratio Lower Upper  
41 100  
39 73.5 58.3 87.5  
76 47.0 39.0 58.6

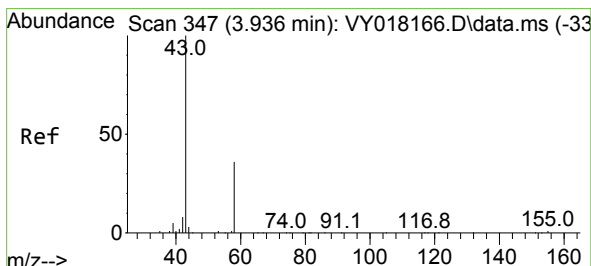
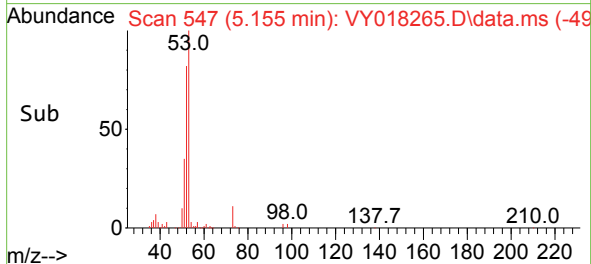
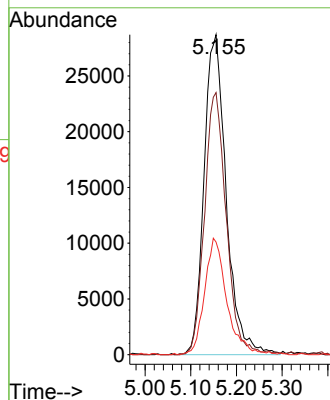
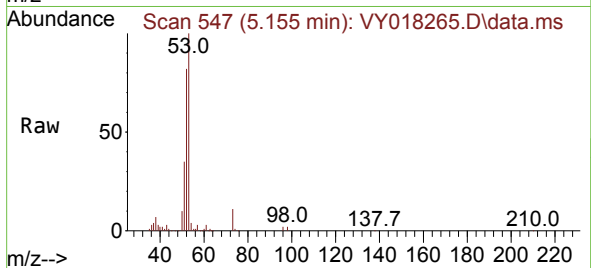




#15  
Acrylonitrile  
Concen: 253.682 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

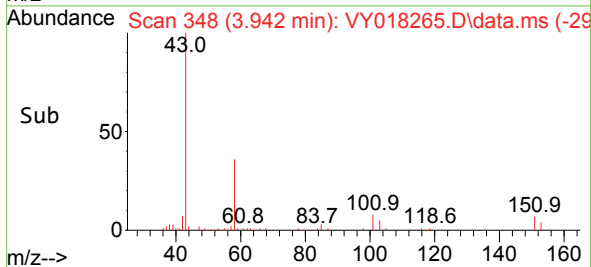
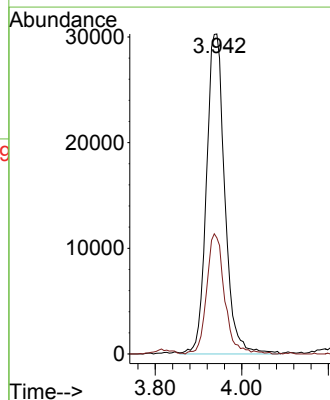
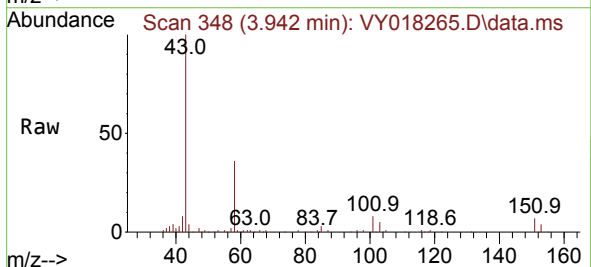
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

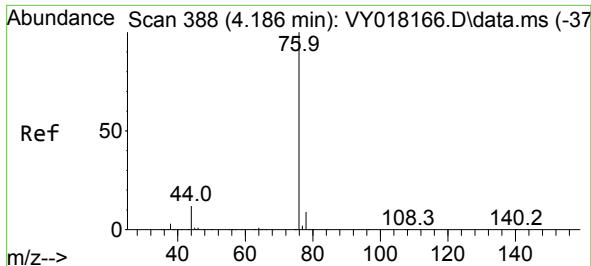
Tgt Ion: 53 Resp: 96862  
Ion Ratio Lower Upper  
53 100  
52 79.9 64.7 97.1  
51 36.4 28.4 42.6



#16  
Acetone  
Concen: 303.358 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 43 Resp: 89112  
Ion Ratio Lower Upper  
43 100  
58 36.2 31.7 47.5

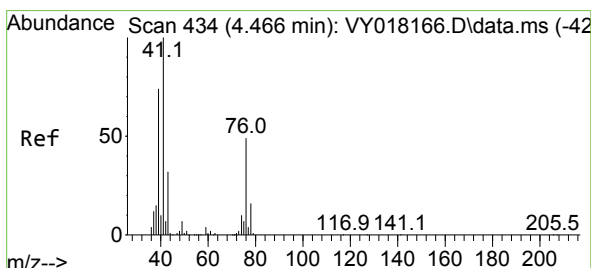
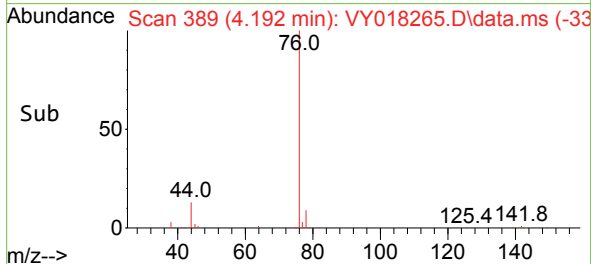
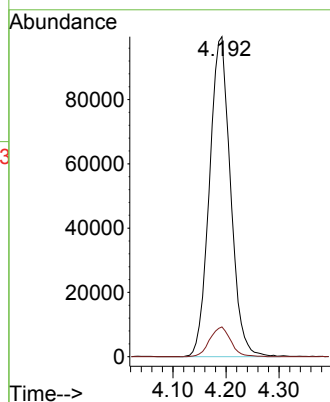
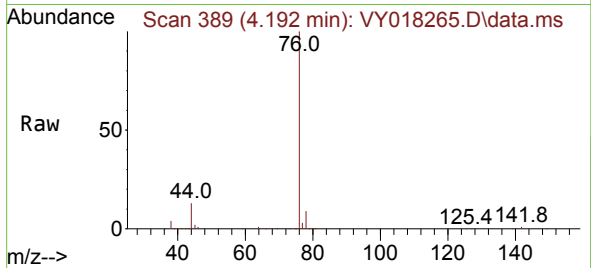




#17  
Carbon Disulfide  
Concen: 52.074 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

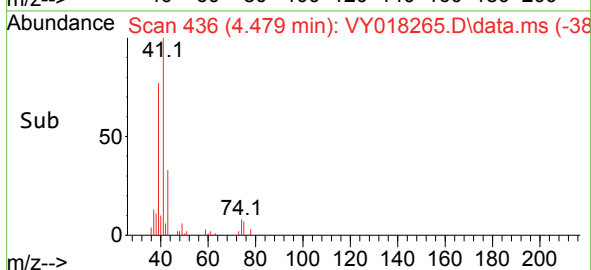
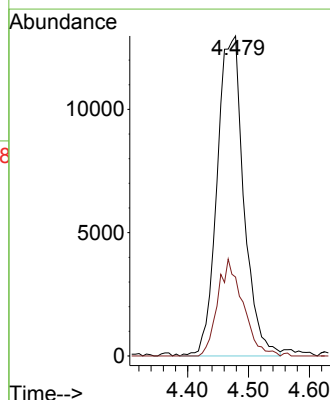
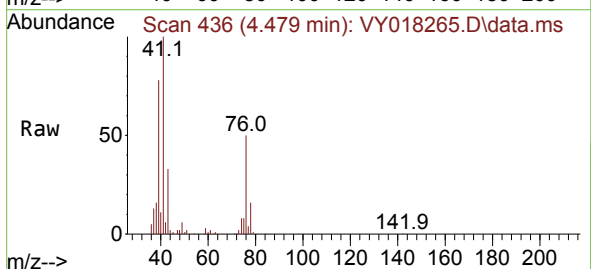
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

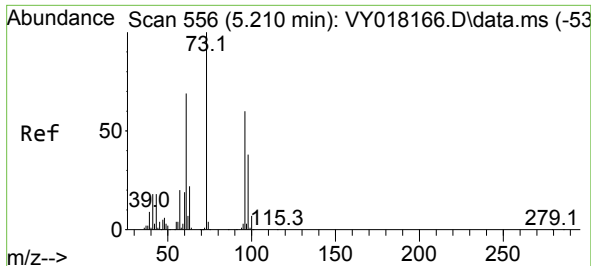
Tgt Ion: 76 Resp: 274320  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 47.181 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.012 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 43 Resp: 39480  
Ion Ratio Lower Upper  
43 100  
74 28.7 23.3 34.9

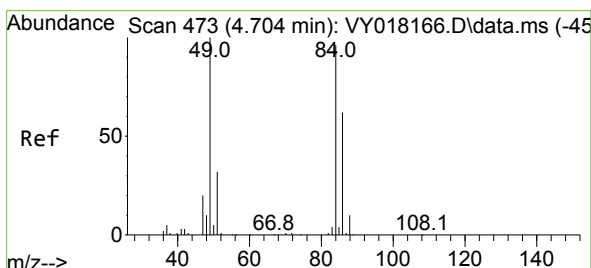
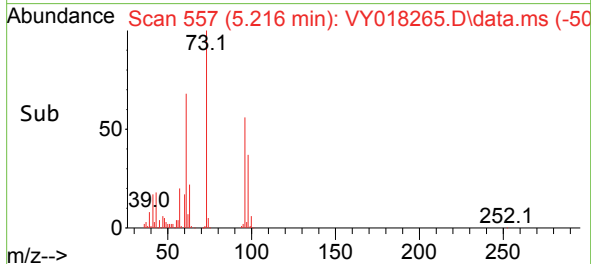
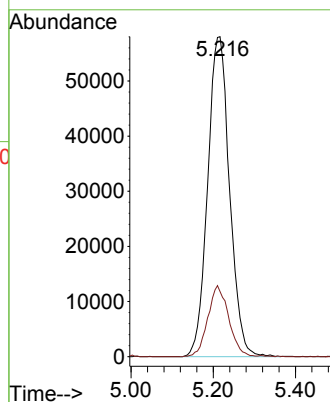
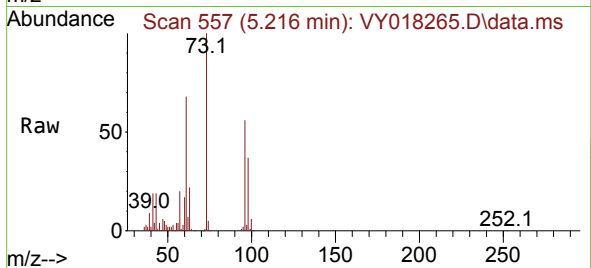




#19  
Methyl tert-butyl Ether  
Concen: 49.775 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

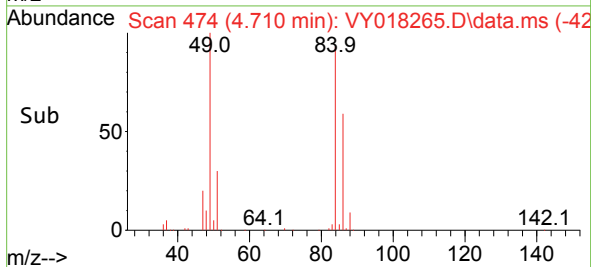
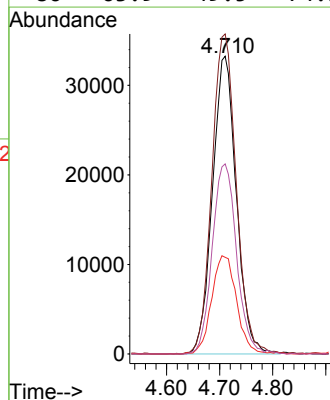
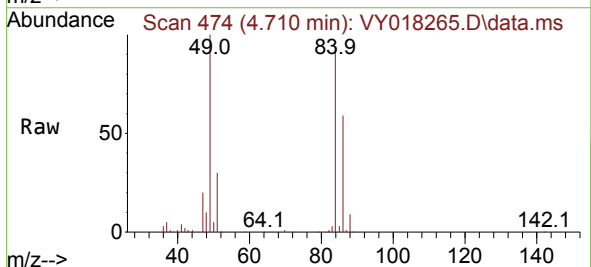
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

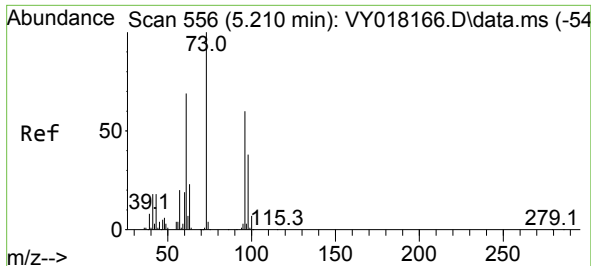
Tgt Ion: 73 Resp: 214554  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 50.139 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 84 Resp: 104103  
Ion Ratio Lower Upper  
84 100  
49 107.5 84.4 126.6  
51 32.5 26.0 39.0  
86 63.9 49.5 74.3

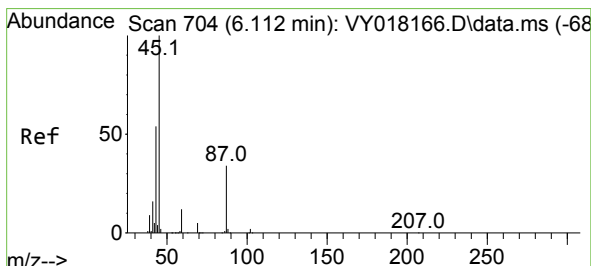
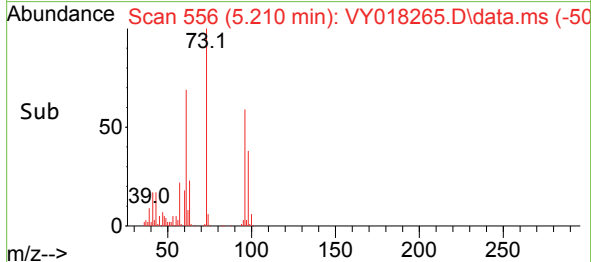
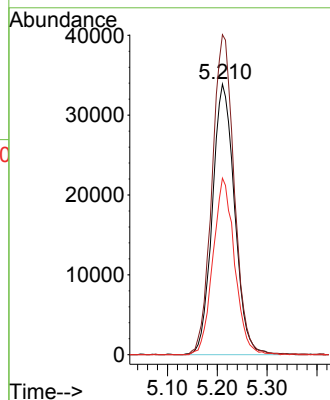
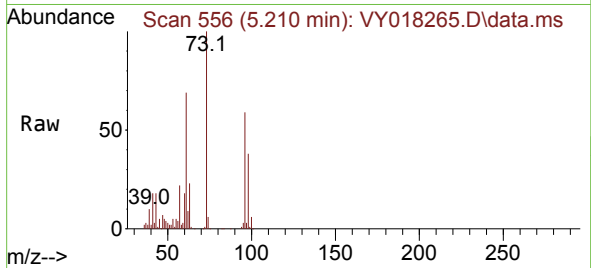




#21  
trans-1,2-Dichloroethene  
Concen: 51.141 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

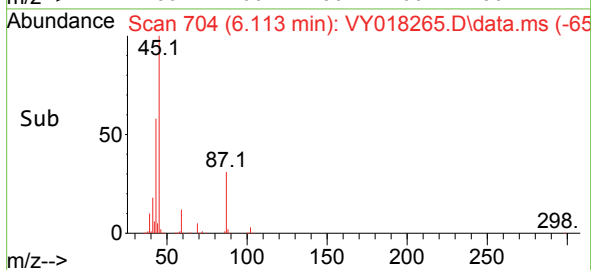
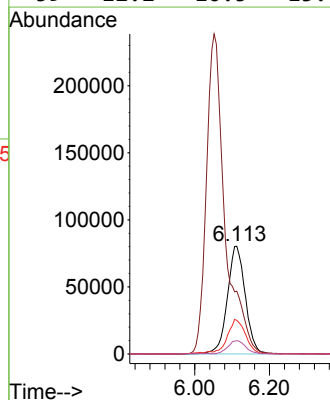
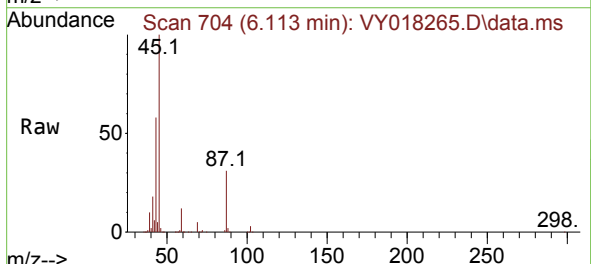
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

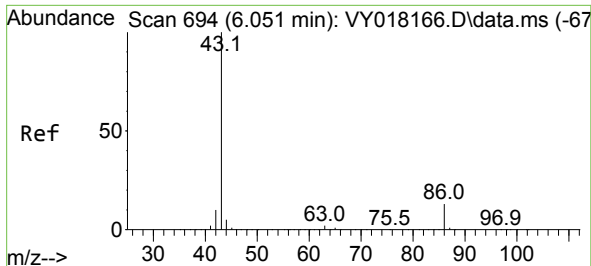
Tgt Ion: 96 Resp: 104899  
Ion Ratio Lower Upper  
96 100  
61 118.2 97.5 146.3  
98 65.2 50.5 75.7



#22  
Diisopropyl ether  
Concen: 51.189 ug/l  
RT: 6.113 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 45 Resp: 267311  
Ion Ratio Lower Upper  
45 100  
43 58.2 42.2 63.2  
87 31.2 25.0 37.6  
59 12.2 10.5 15.7

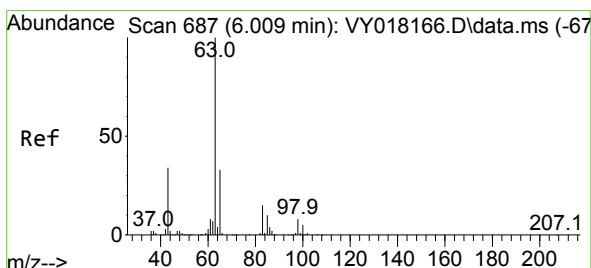
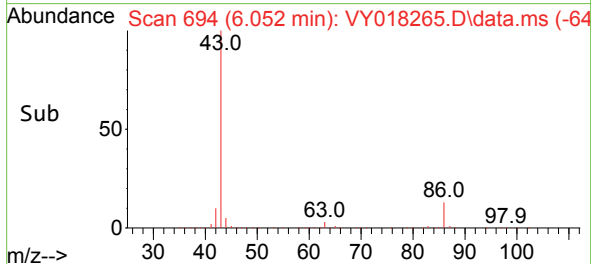
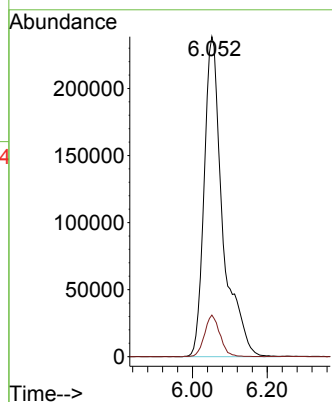
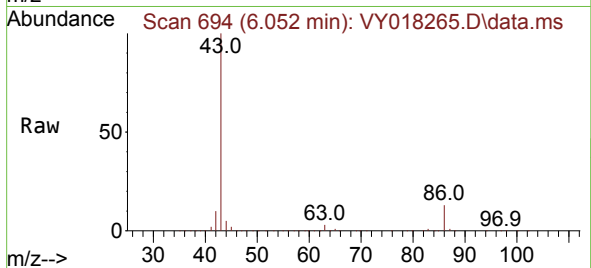




#23  
 Vinyl Acetate  
 Concen: 259.330 ug/l  
 RT: 6.052 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

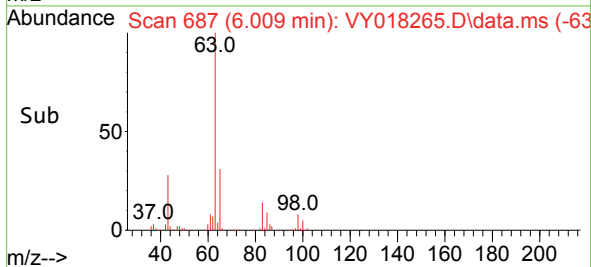
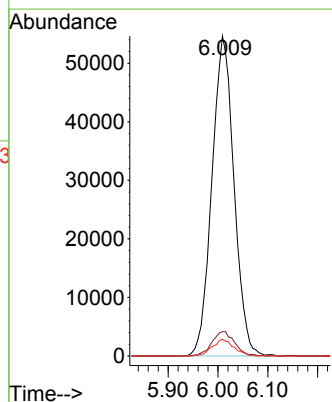
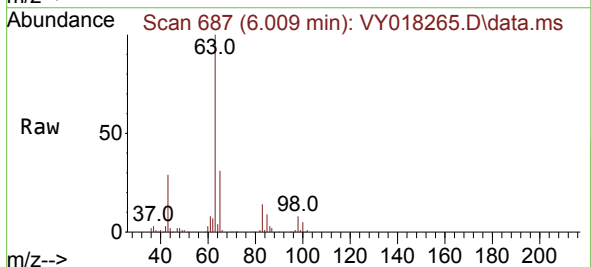
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

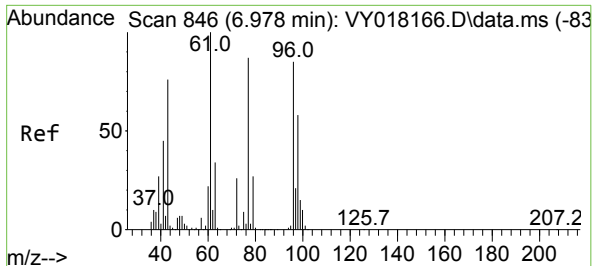
Tgt Ion: 43 Resp: 823095  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 52.210 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.000 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

Tgt Ion: 63 Resp: 167924  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 4.0 12.2  
 100 5.2 2.6 8.0

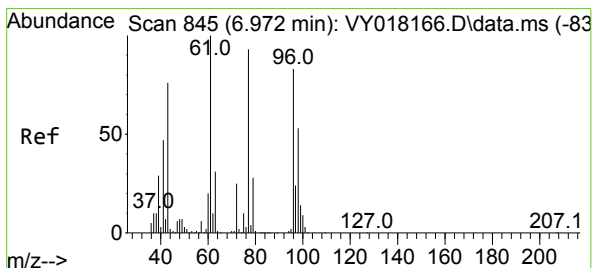
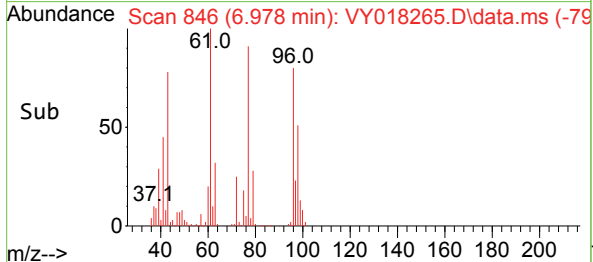
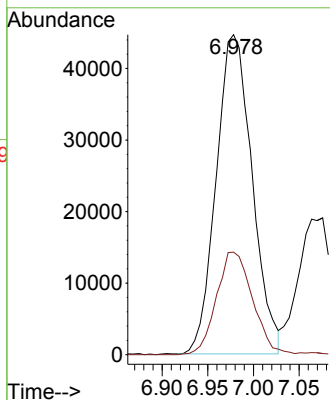
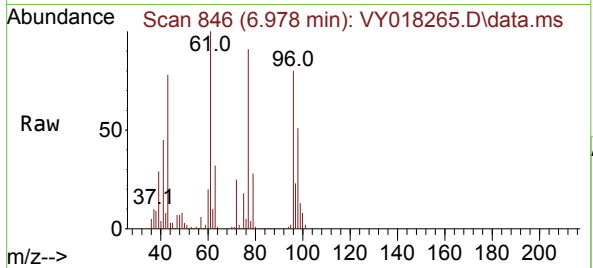




#25  
2-Butanone  
Concen: 260.483 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

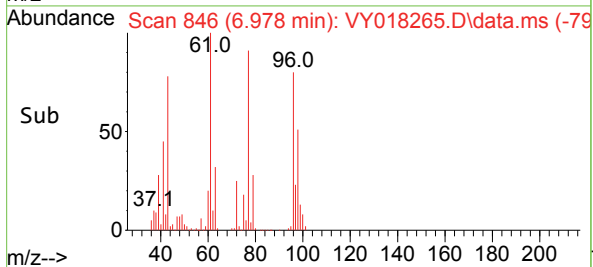
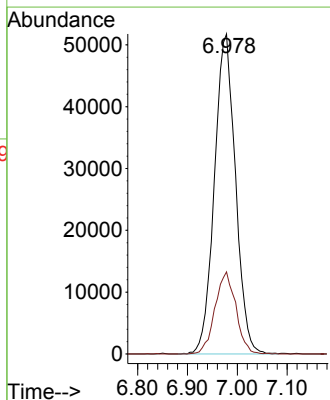
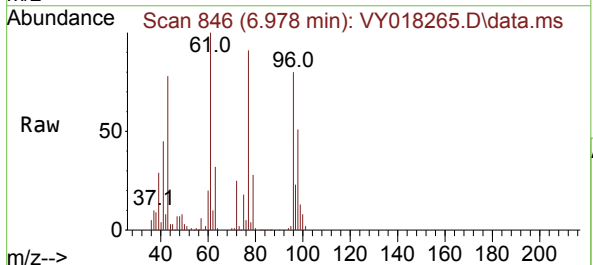
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

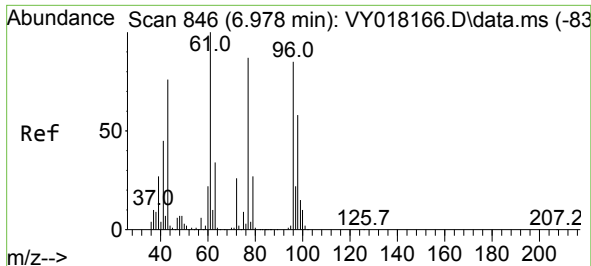
Tgt Ion: 43 Resp: 122313  
Ion Ratio Lower Upper  
43 100  
72 32.1 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 52.219 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 77 Resp: 152011  
Ion Ratio Lower Upper  
77 100  
97 25.4 12.0 36.1

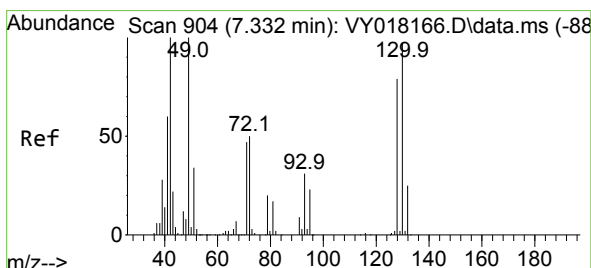
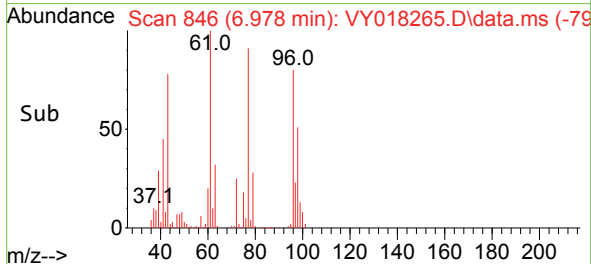
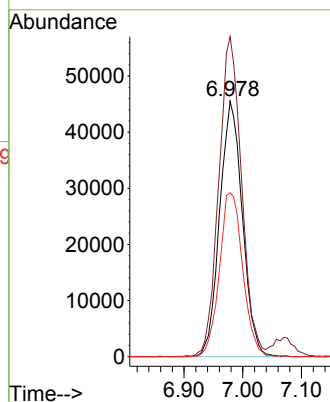
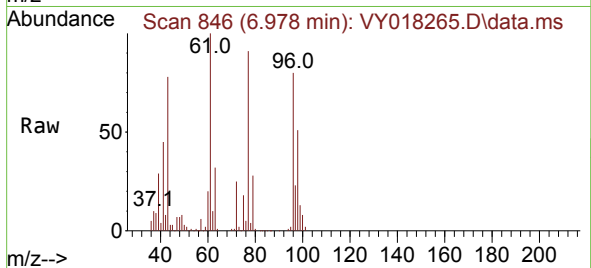




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.386 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

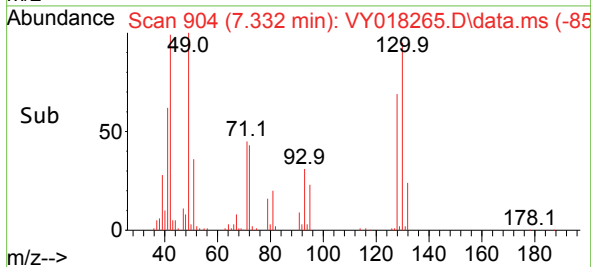
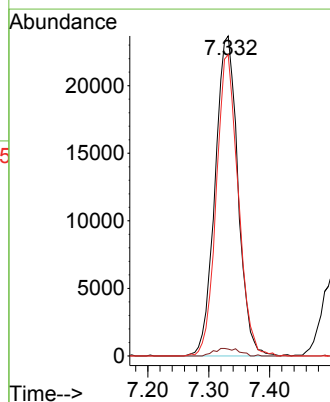
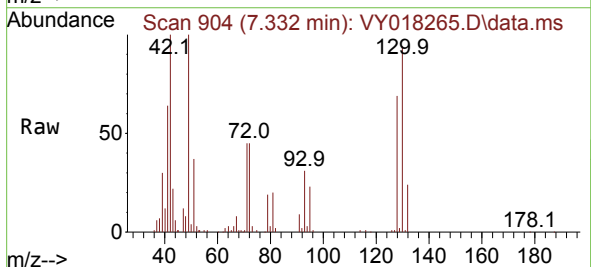
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

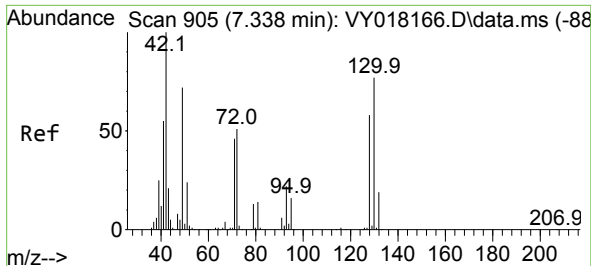
Tgt Ion: 96 Resp: 122139  
 Ion Ratio Lower Upper  
 96 100  
 61 125.9 0.0 256.2  
 98 65.9 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 48.027 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.000 min  
 Lab File: VY018265.D  
 Acq: 15 May 2024 10:15

Tgt Ion: 49 Resp: 61741  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.6  
 130 90.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 249.183 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

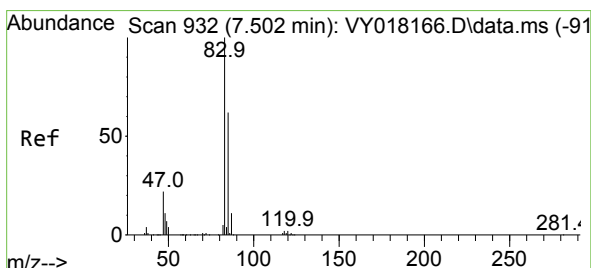
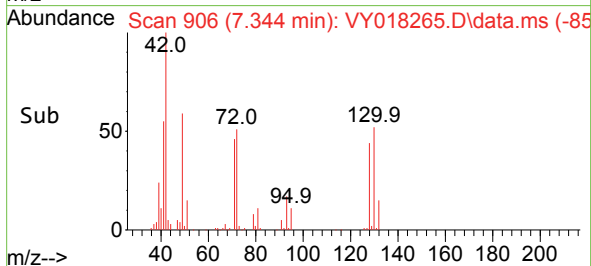
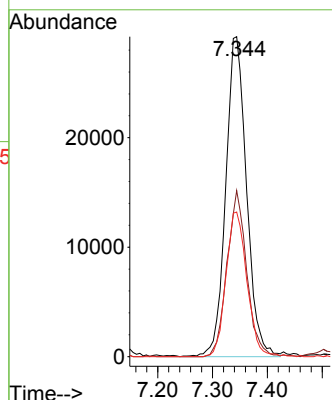
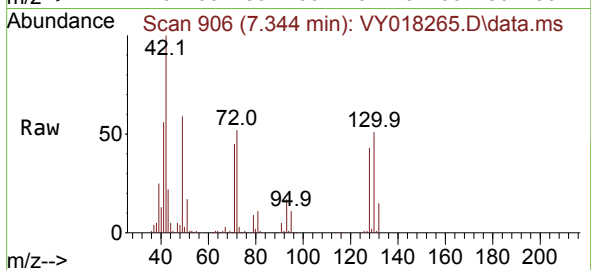
Tgt Ion: 42 Resp: 77235

Ion Ratio Lower Upper

42 100

72 49.0 43.0 64.4

71 45.6 40.8 61.2



#30

Chloroform

Concen: 50.878 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018265.D

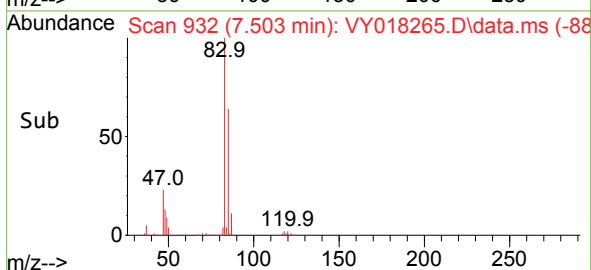
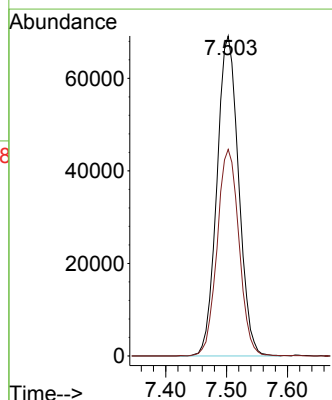
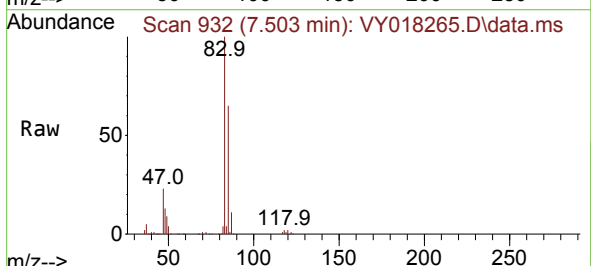
Acq: 15 May 2024 10:15

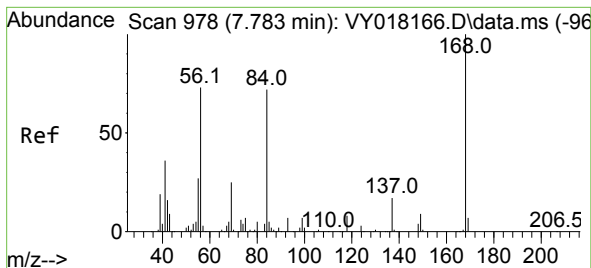
Tgt Ion: 83 Resp: 170834

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.4





#31

Cyclohexane

Concen: 51.418 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

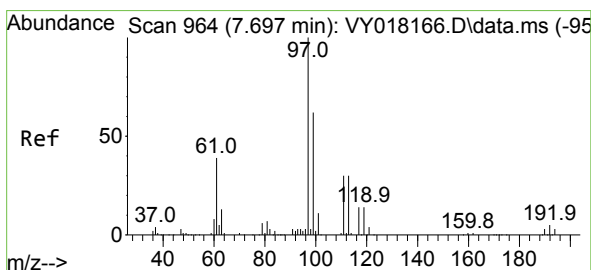
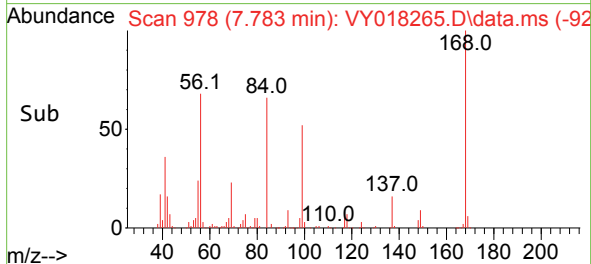
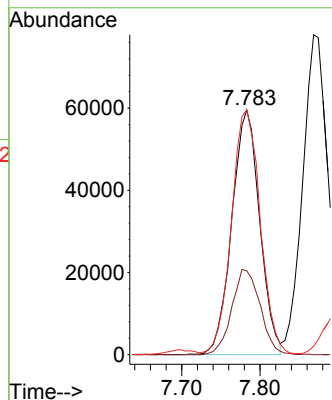
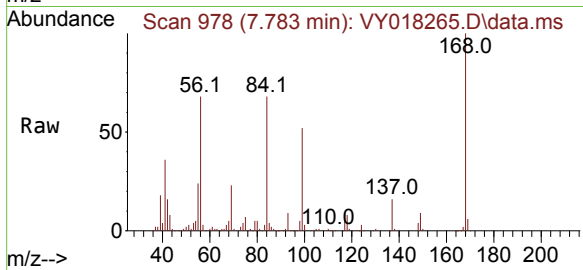
Tgt Ion: 56 Resp: 147064

Ion Ratio Lower Upper

56 100

69 33.8 28.7 43.1

84 98.0 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 51.602 ug/l

RT: 7.698 min Scan# 964

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

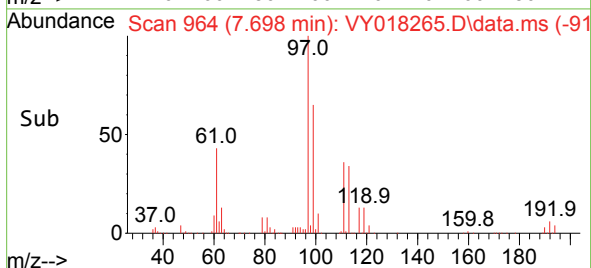
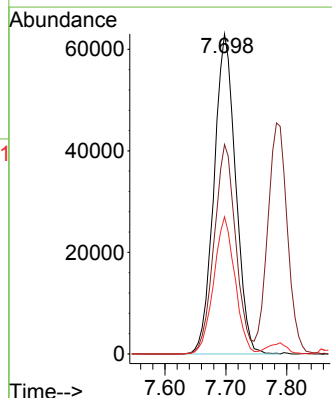
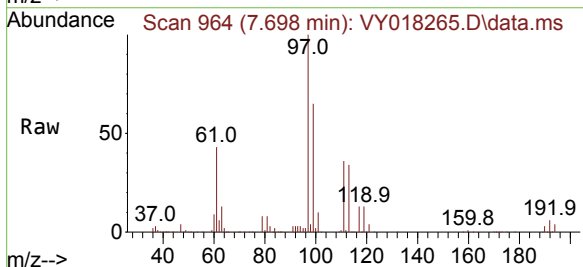
Tgt Ion: 97 Resp: 155297

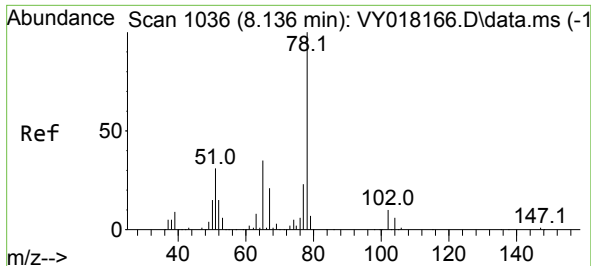
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 42.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.264 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

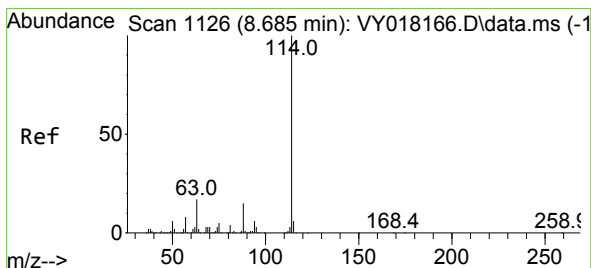
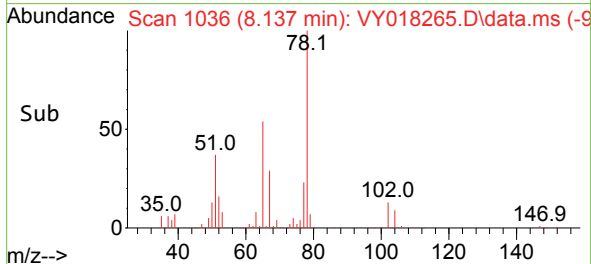
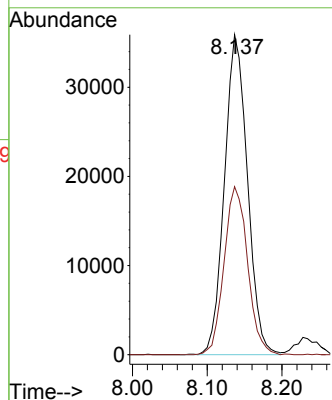
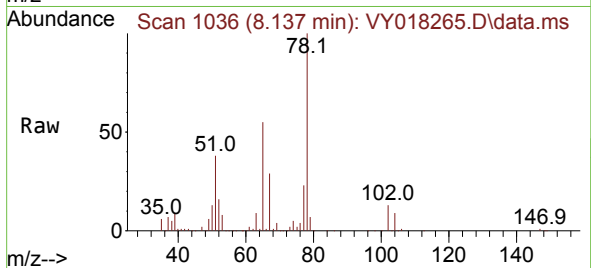
VSTDCCC050

Tgt Ion: 65 Resp: 76932

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

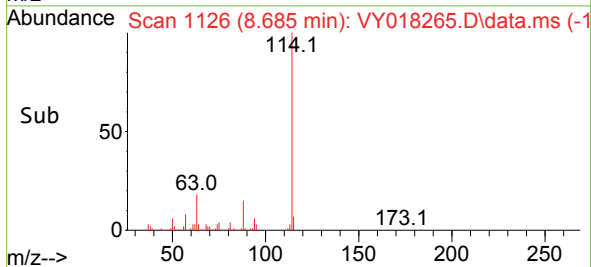
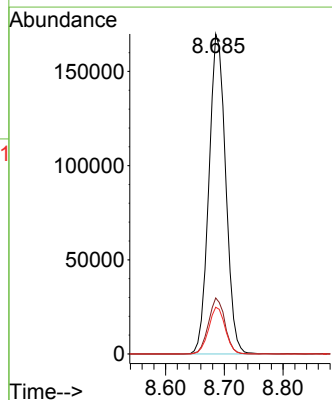
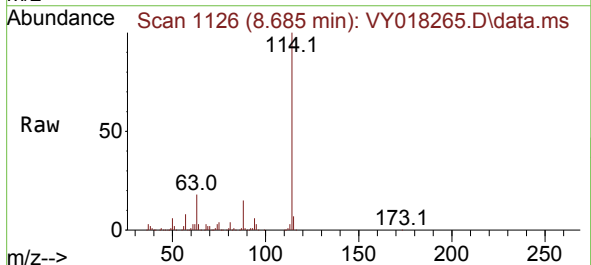
Tgt Ion: 114 Resp: 336715

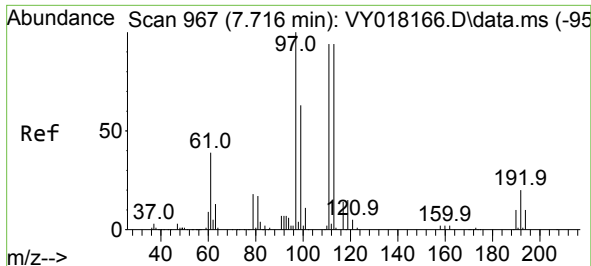
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.6 0.0 27.2

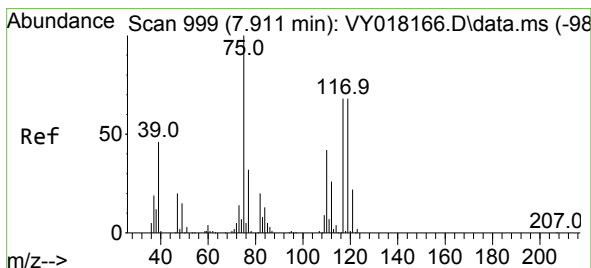
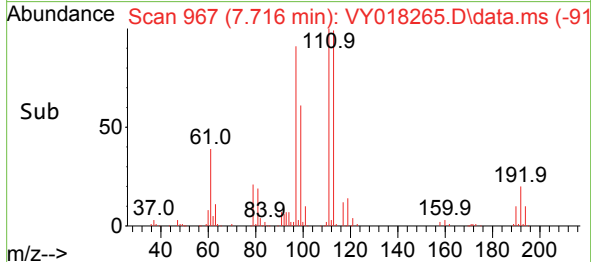
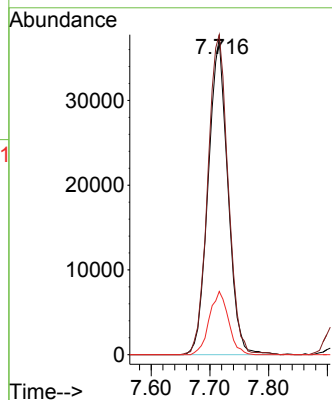
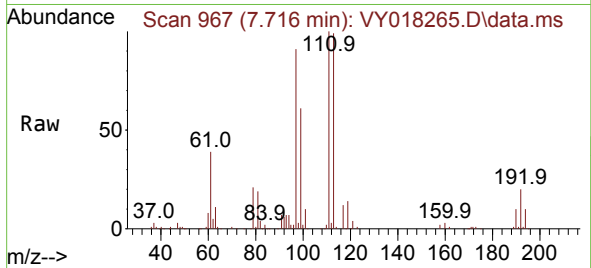




#35  
Dibromofluoromethane  
Concen: 48.807 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

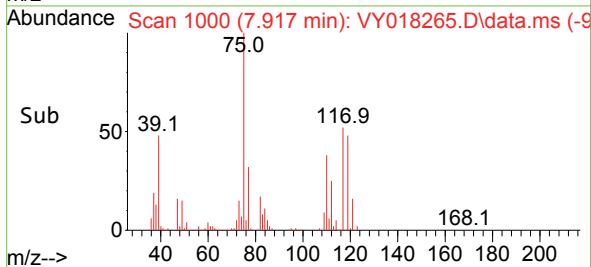
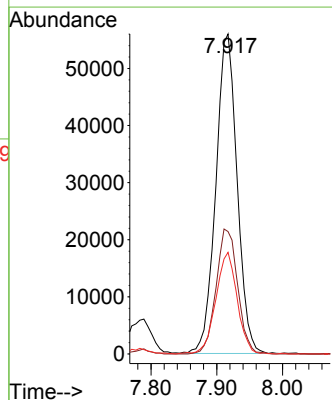
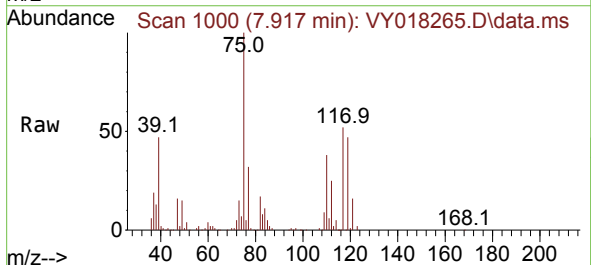
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

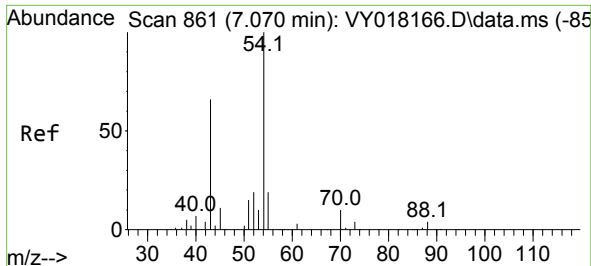
Tgt Ion:113 Resp: 86369  
Ion Ratio Lower Upper  
113 100  
111 105.2 82.2 123.4  
192 19.5 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 49.729 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 75 Resp: 126153  
Ion Ratio Lower Upper  
75 100  
110 39.6 19.0 57.0  
77 32.0 25.3 37.9

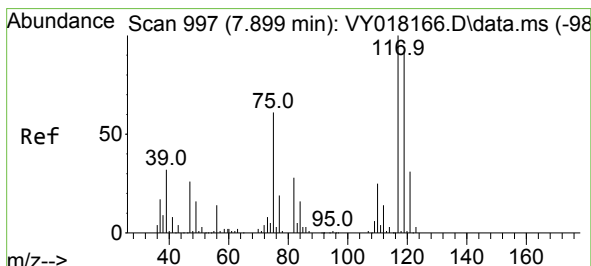
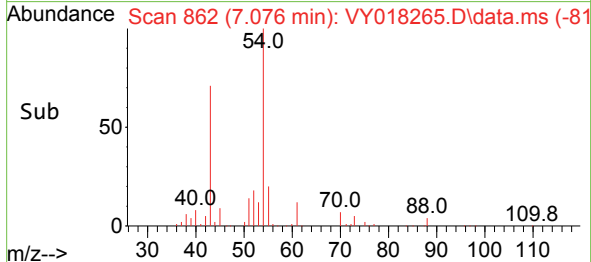
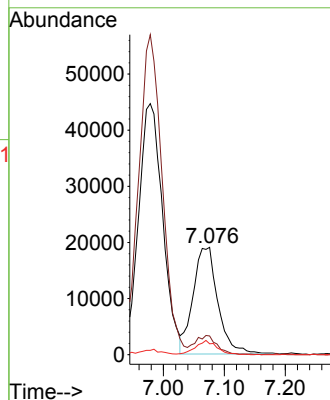
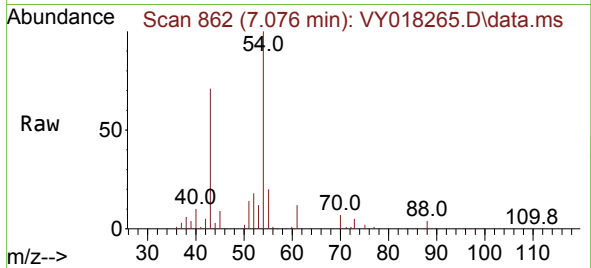




#37  
Ethyl Acetate  
Concen: 50.447 ug/l  
RT: 7.076 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

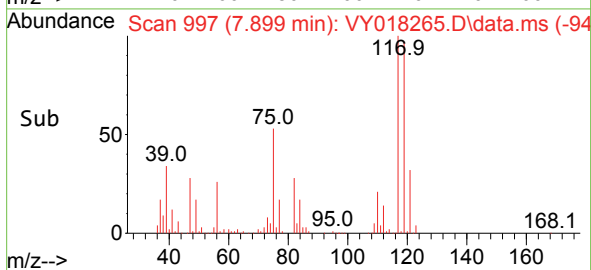
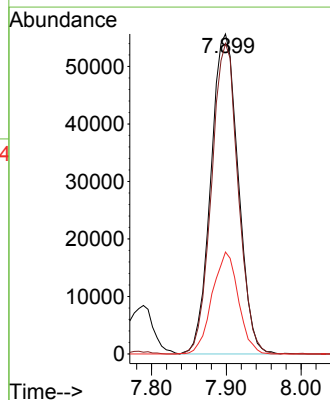
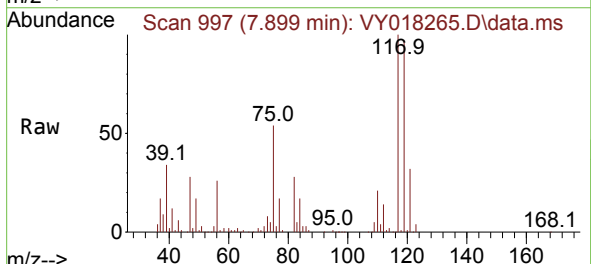
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

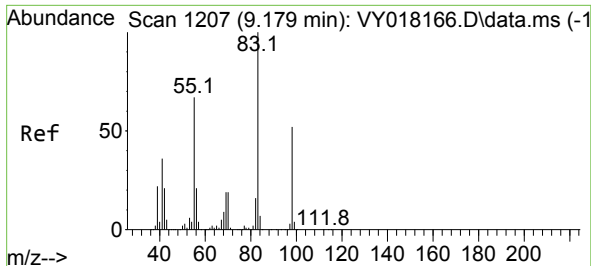
Tgt Ion: 43 Resp: 53863  
Ion Ratio Lower Upper  
43 100  
61 15.4 12.6 19.0  
70 11.4 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 51.030 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 117 Resp: 141451  
Ion Ratio Lower Upper  
117 100  
119 97.0 75.8 113.6  
121 31.9 24.0 36.0

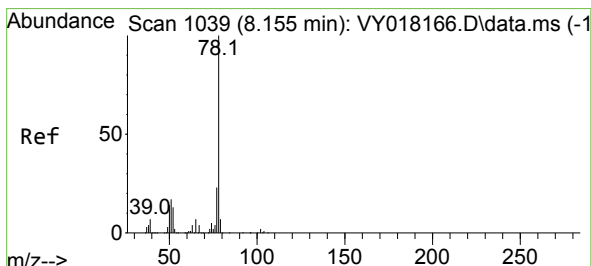
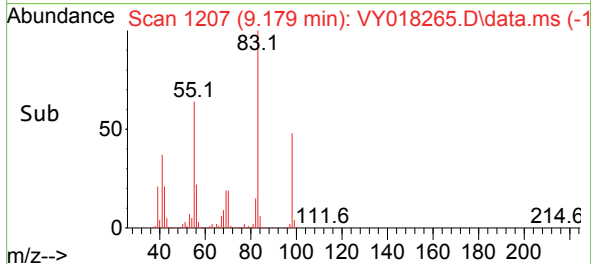
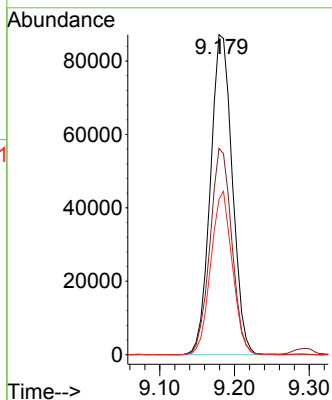
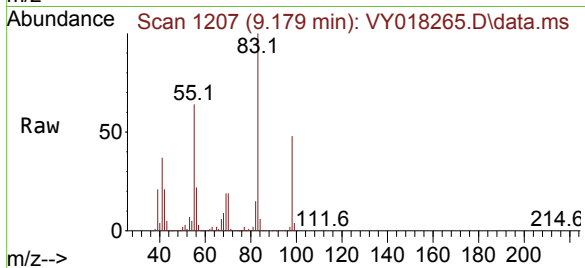




#39  
Methylcyclohexane  
Concen: 48.485 ug/l  
RT: 9.179 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

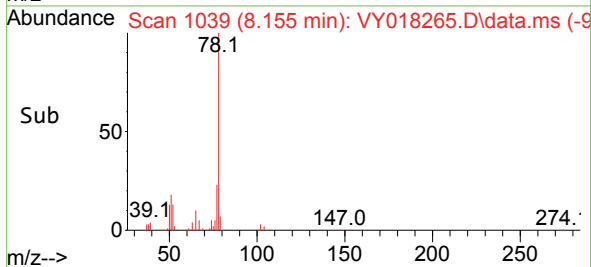
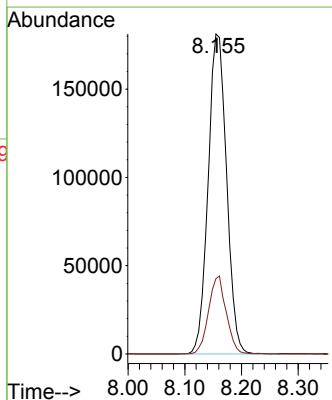
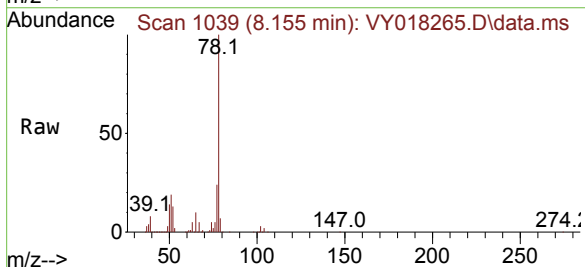
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

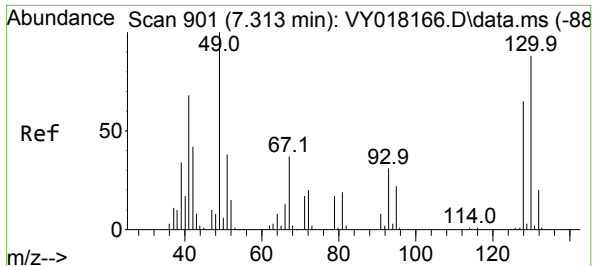
Tgt Ion: 83 Resp: 177443  
Ion Ratio Lower Upper  
83 100  
55 64.4 51.5 77.3  
98 48.5 40.5 60.7



#40  
Benzene  
Concen: 50.145 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 78 Resp: 409181  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.5 29.3

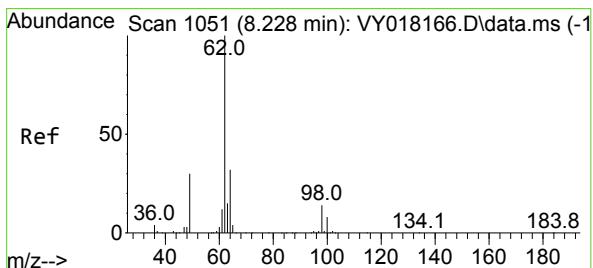
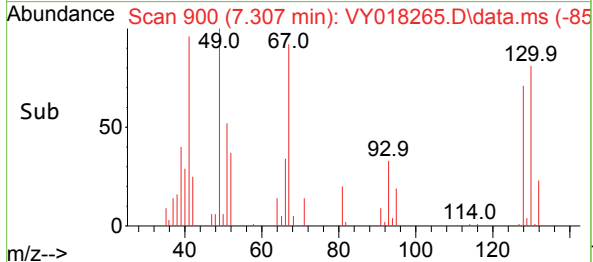
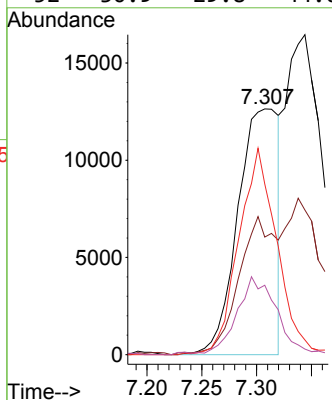
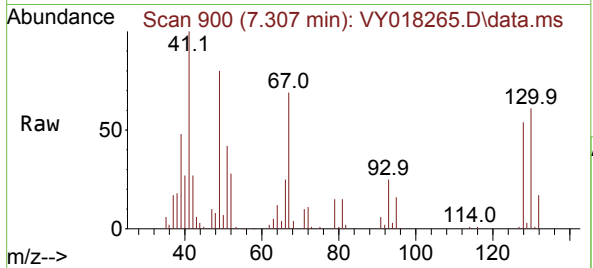




#41  
Methacrylonitrile  
Concen: 52.940 ug/l  
RT: 7.307 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

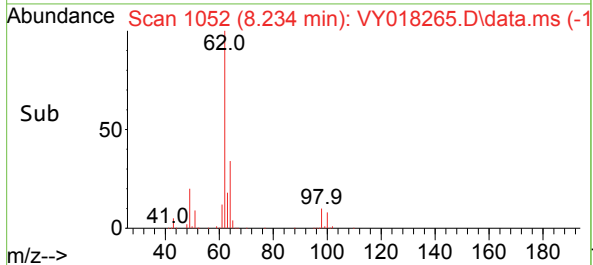
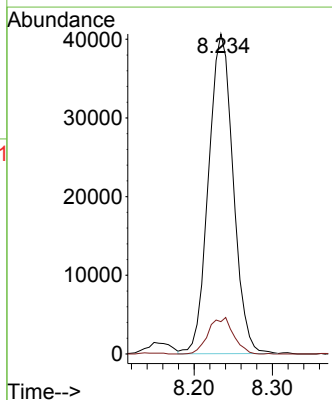
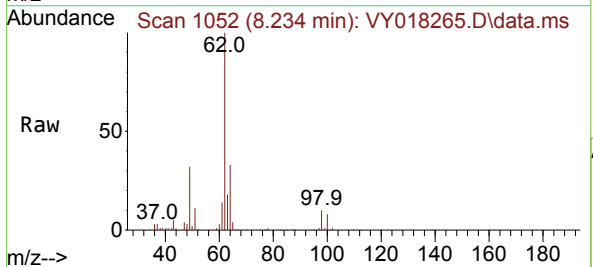
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

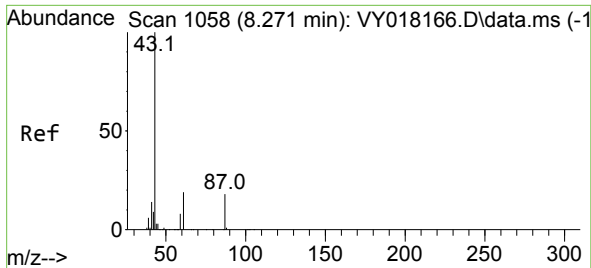
Tgt Ion: 41 Resp: 32641  
Ion Ratio Lower Upper  
41 100  
39 51.6 48.0 72.0  
67 79.4 75.1 112.7  
52 30.9 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 50.053 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 62 Resp: 88866  
Ion Ratio Lower Upper  
62 100  
98 11.6 0.0 22.0

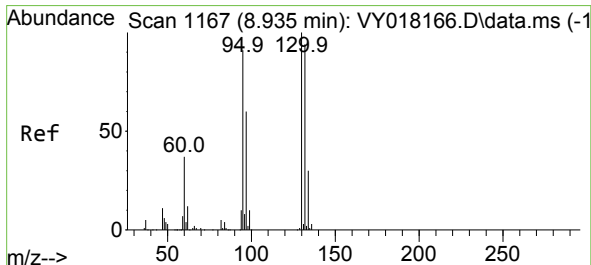
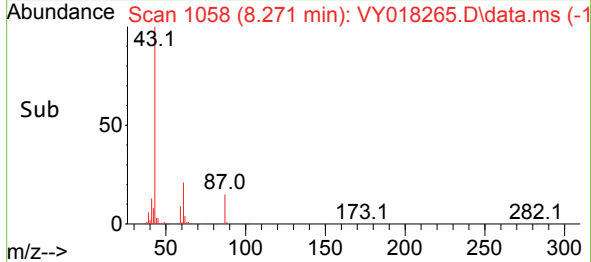
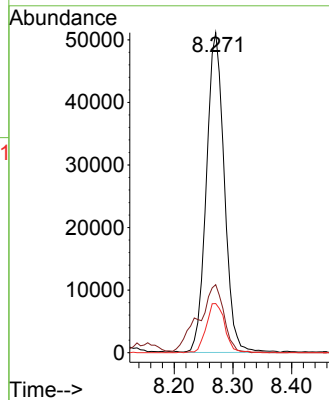
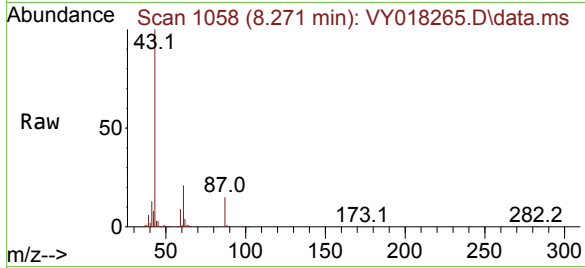




#43  
Isopropyl Acetate  
Concen: 49.436 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

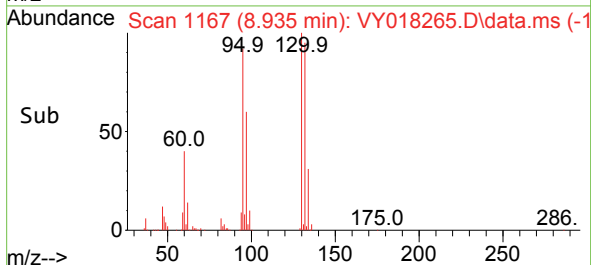
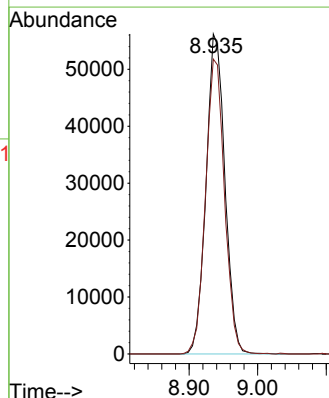
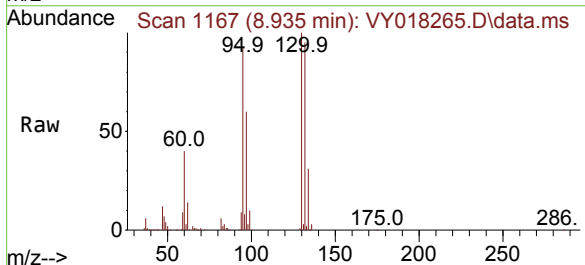
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

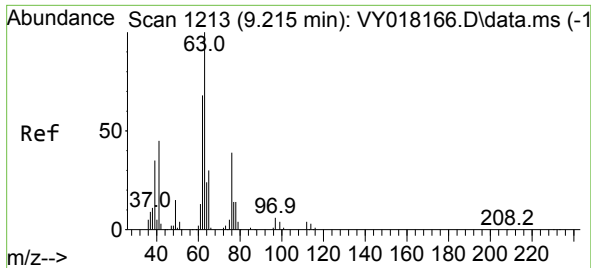
Tgt Ion: 43 Resp: 108194  
Ion Ratio Lower Upper  
43 100  
61 30.2 27.9 41.9  
87 16.0 13.1 19.7



#44  
Trichloroethene  
Concen: 48.496 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion:130 Resp: 107727  
Ion Ratio Lower Upper  
130 100  
95 92.1 0.0 188.0

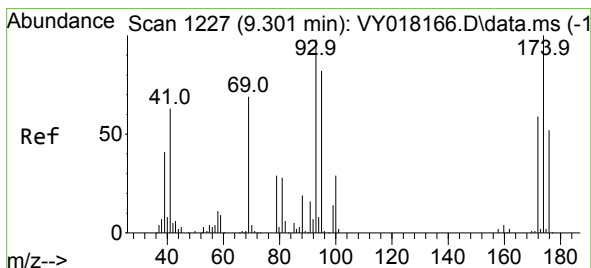
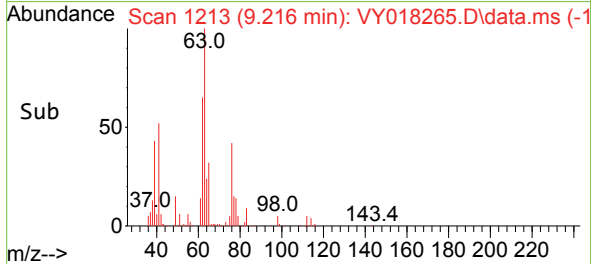
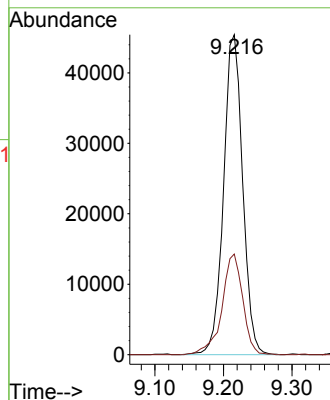
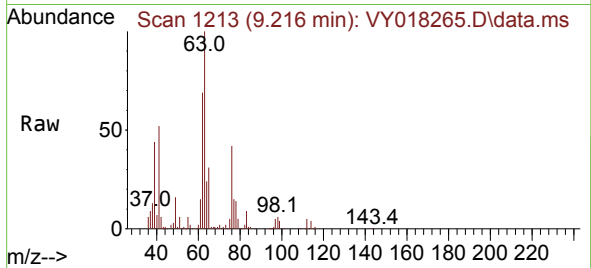




#45  
1,2-Dichloropropane  
Concen: 49.132 ug/l  
RT: 9.216 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

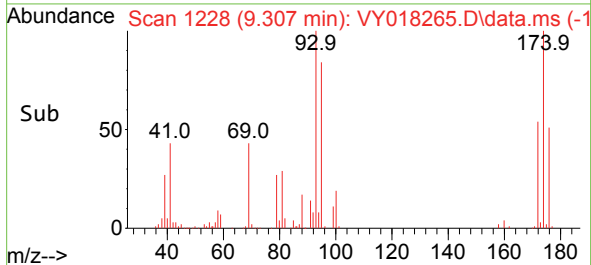
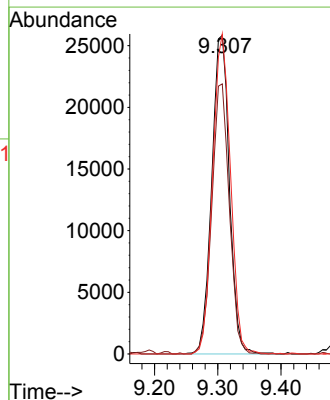
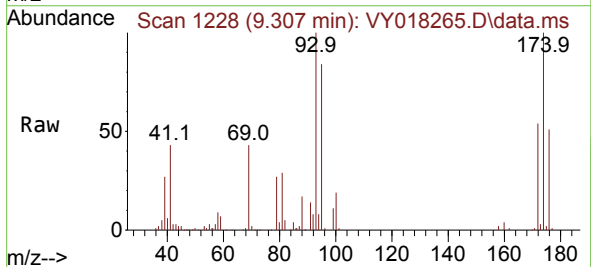
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

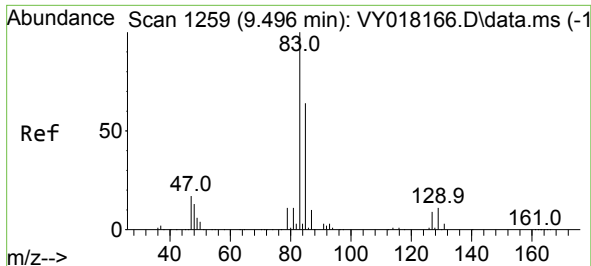
Tgt Ion: 63 Resp: 87650  
Ion Ratio Lower Upper  
63 100  
65 31.4 25.4 38.2



#46  
Dibromomethane  
Concen: 48.837 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 93 Resp: 50086  
Ion Ratio Lower Upper  
93 100  
95 84.0 66.2 99.4  
174 101.4 80.9 121.3





#47

Bromodichloromethane

Concen: 49.821 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

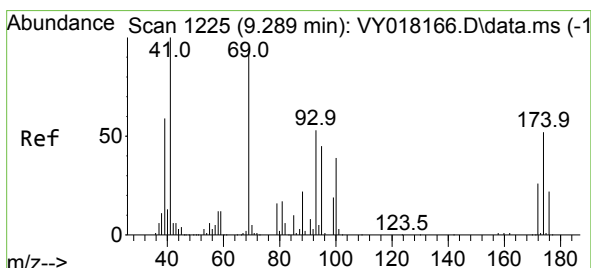
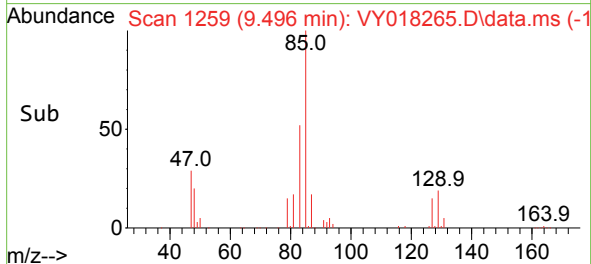
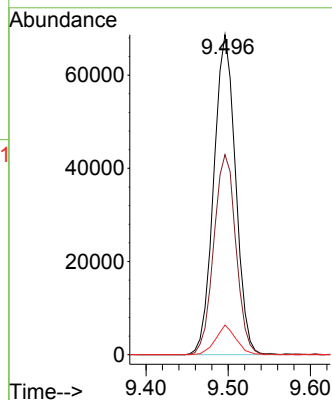
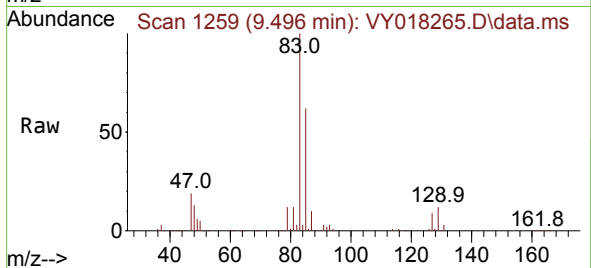
Tgt Ion: 83 Resp: 126316

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 48.422 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

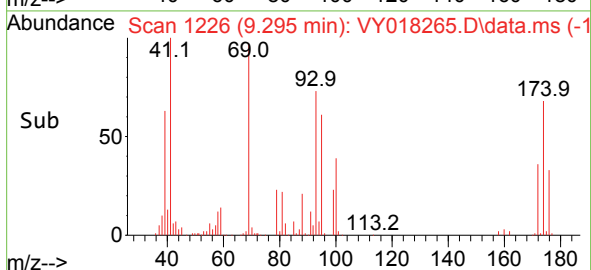
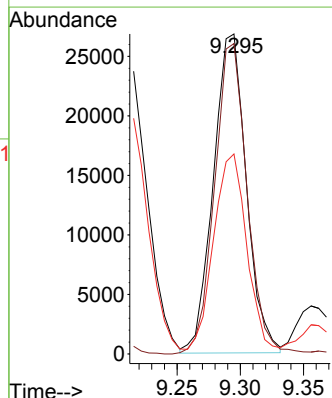
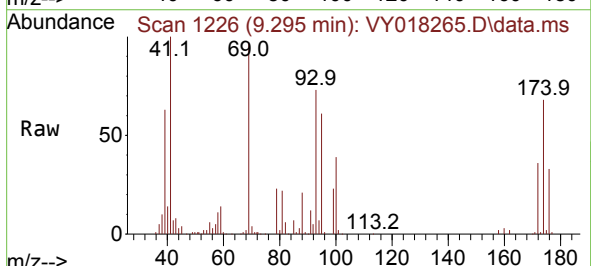
Tgt Ion: 41 Resp: 48570

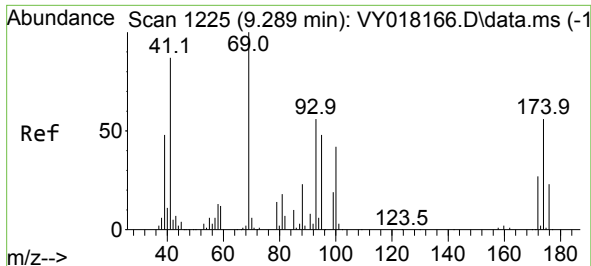
Ion Ratio Lower Upper

41 100

69 95.9 84.1 126.1

39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 952.889 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

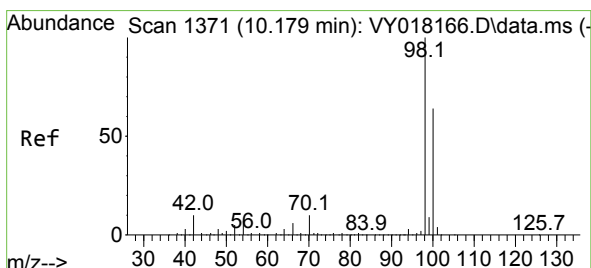
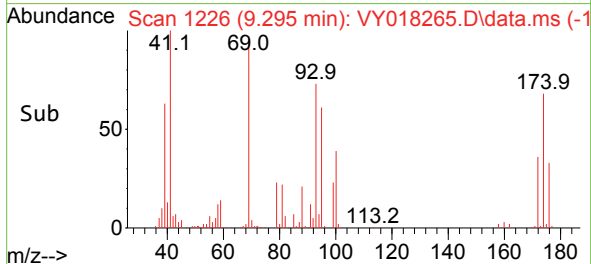
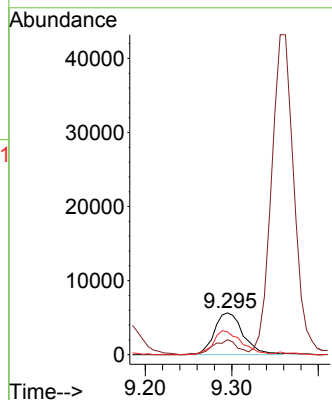
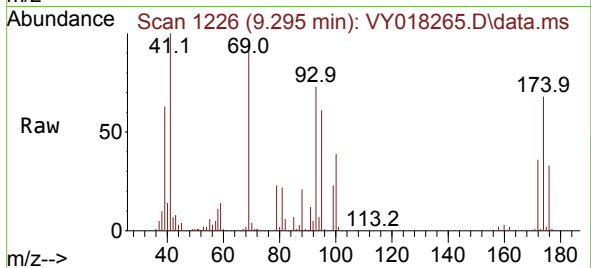
Tgt Ion: 88 Resp: 12972

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 56.3 49.3 73.9



#50

Toluene-d8

Concen: 50.048 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018265.D

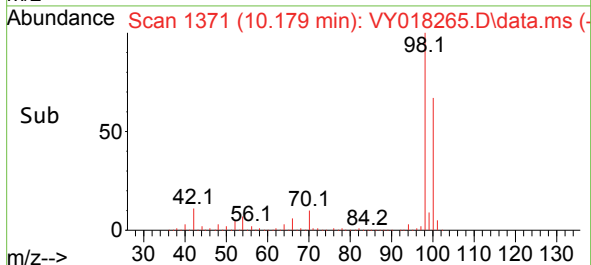
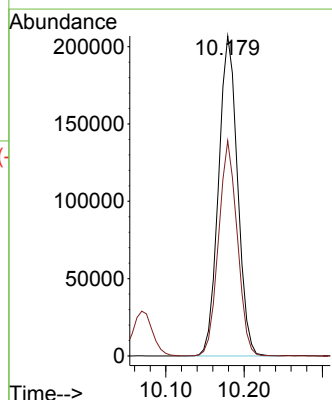
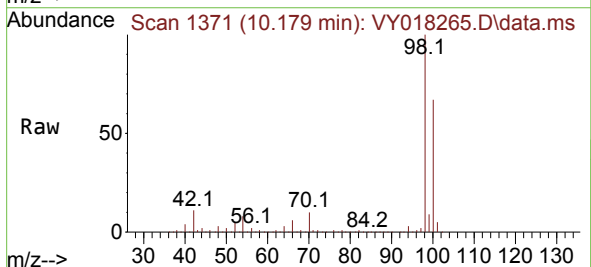
Acq: 15 May 2024 10:15

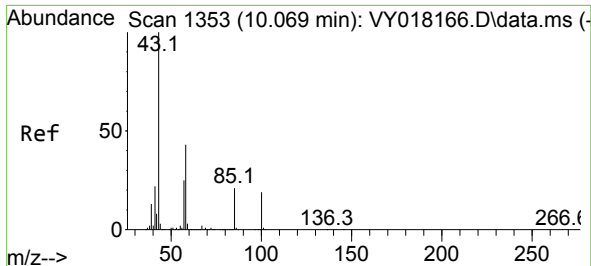
Tgt Ion: 98 Resp: 349003

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

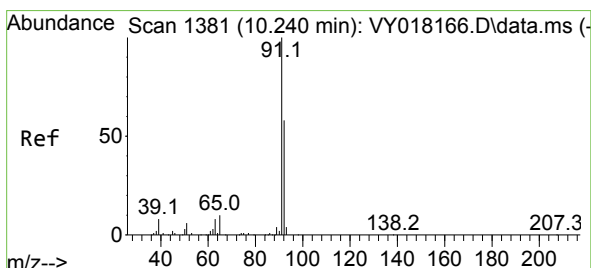
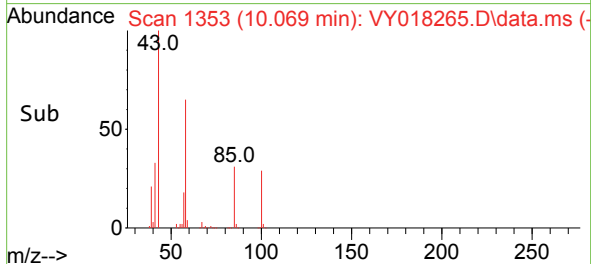
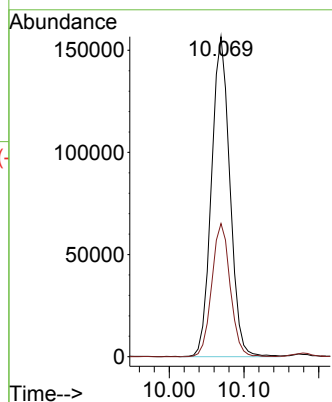
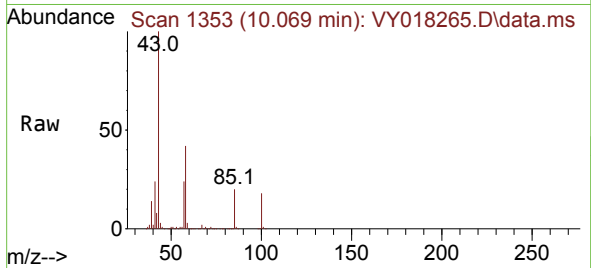




#51  
4-Methyl-2-Pentanone  
Concen: 243.614 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

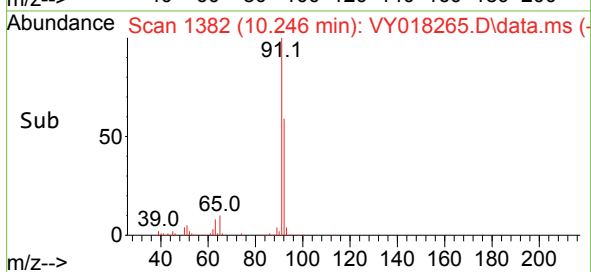
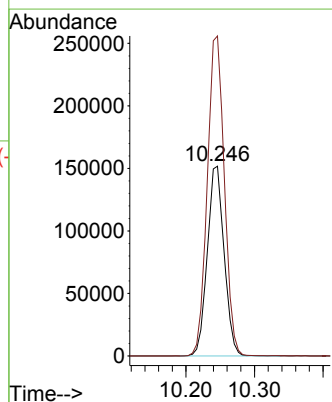
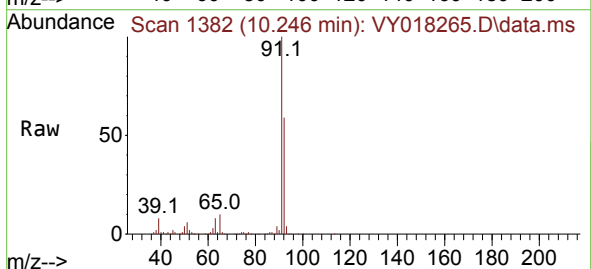
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

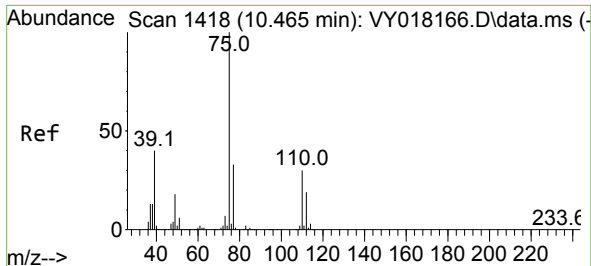
Tgt Ion: 43 Resp: 267972  
Ion Ratio Lower Upper  
43 100  
58 41.6 35.7 53.5



#52  
Toluene  
Concen: 49.333 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 92 Resp: 259157  
Ion Ratio Lower Upper  
92 100  
91 170.8 139.0 208.6

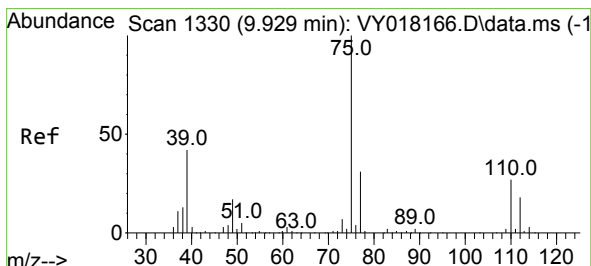
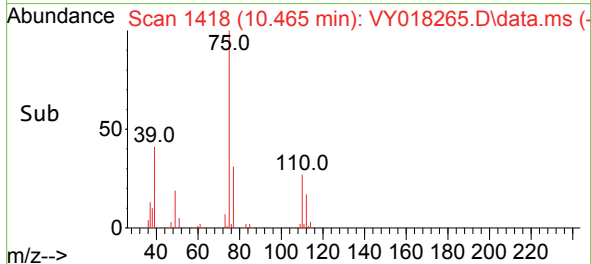
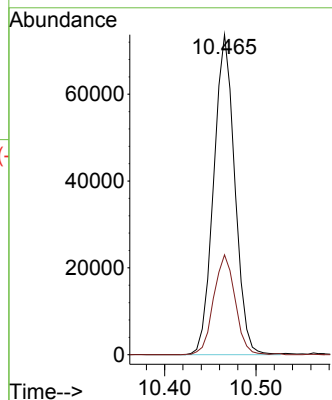
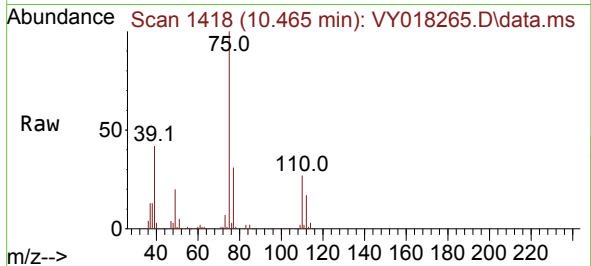




#53  
t-1,3-Dichloropropene  
Concen: 50.046 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

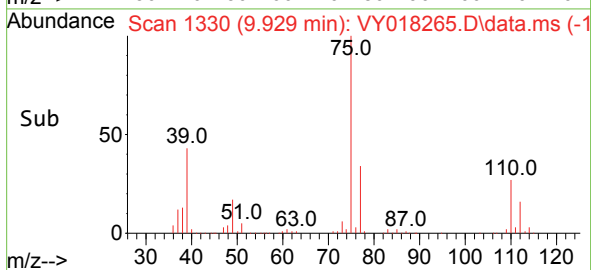
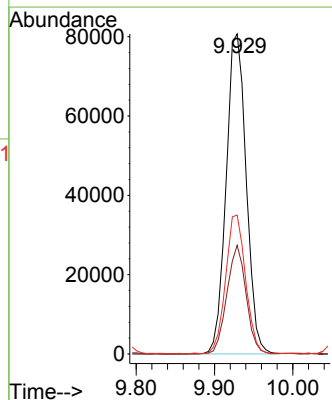
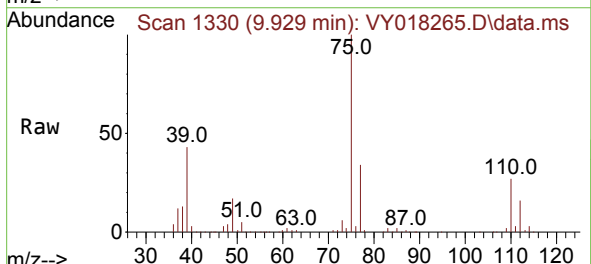
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

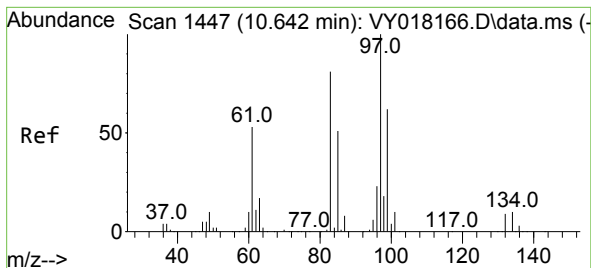
Tgt Ion: 75 Resp: 118520  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 49.672 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 75 Resp: 143794  
Ion Ratio Lower Upper  
75 100  
77 34.0 25.4 38.0  
39 43.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 48.771 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 68712

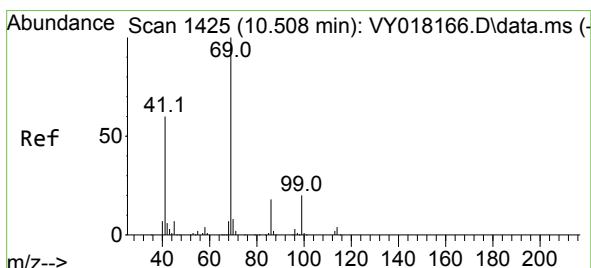
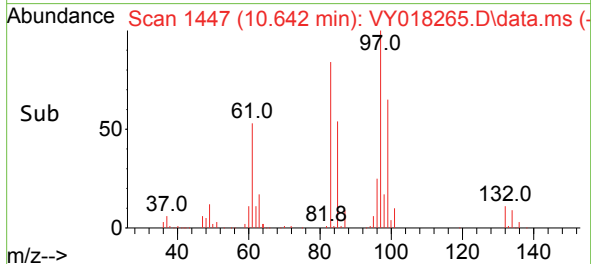
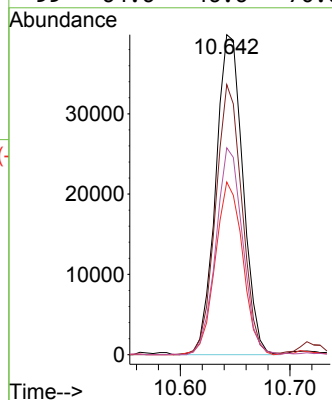
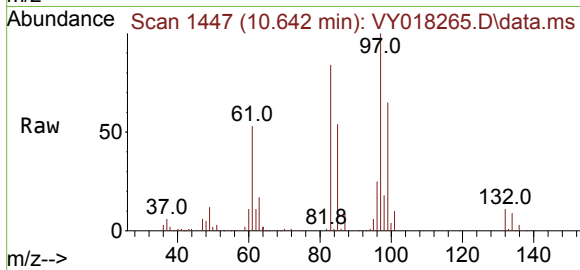
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 54.0 42.9 64.3

99 64.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 48.251 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

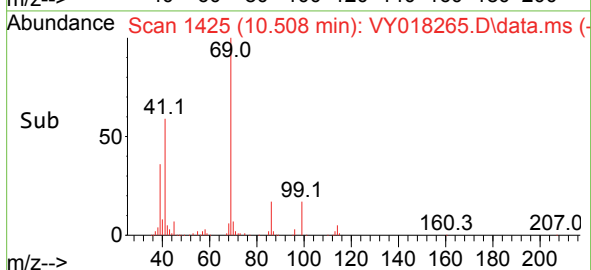
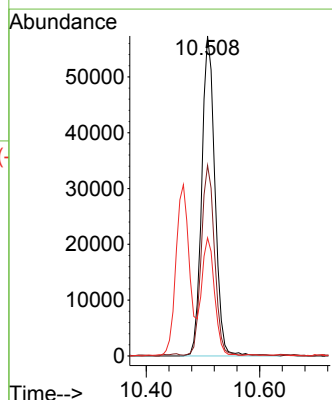
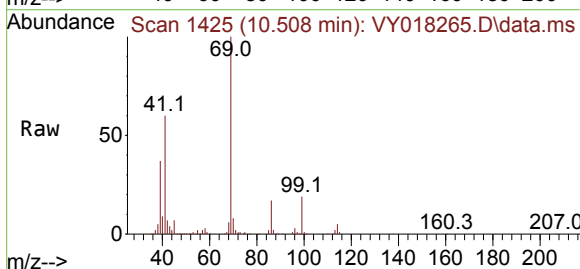
Tgt Ion: 69 Resp: 92324

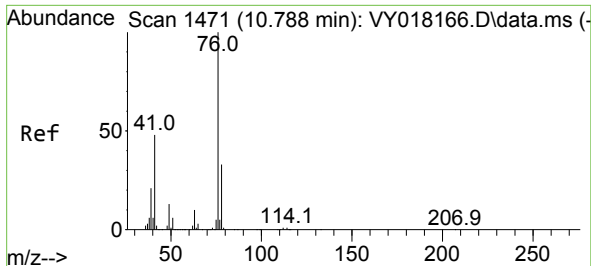
Ion Ratio Lower Upper

69 100

41 59.5 42.3 63.5

39 34.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 49.037 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

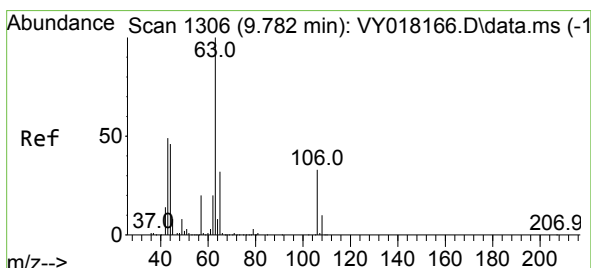
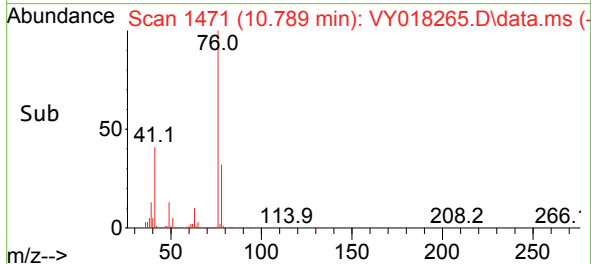
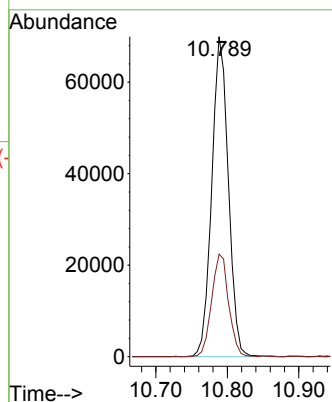
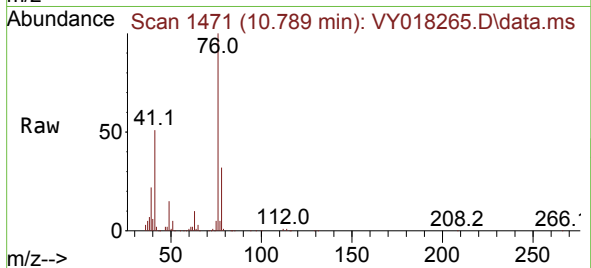
VSTDCCC050

Tgt Ion: 76 Resp: 112439

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 289.313 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018265.D

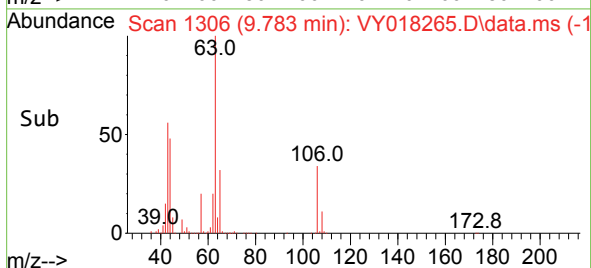
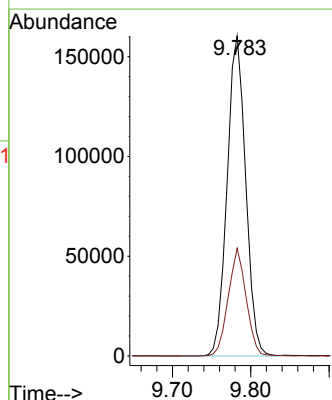
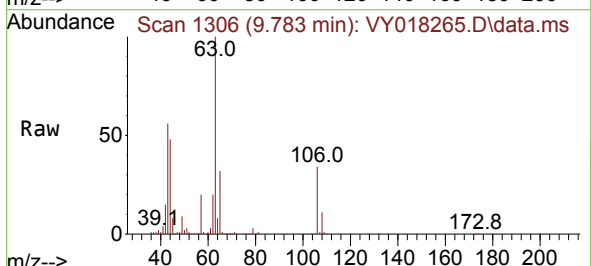
Acq: 15 May 2024 10:15

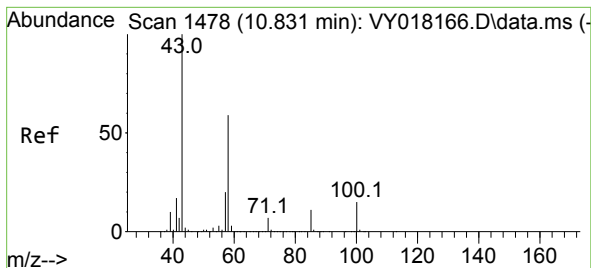
Tgt Ion: 63 Resp: 264337

Ion Ratio Lower Upper

63 100

106 32.5 23.7 35.5

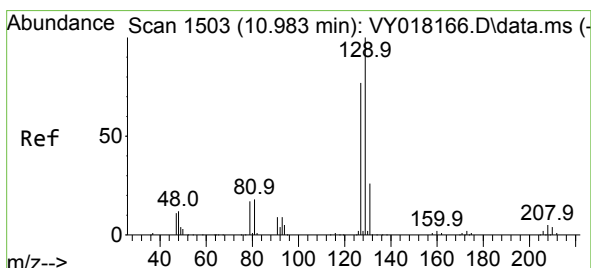
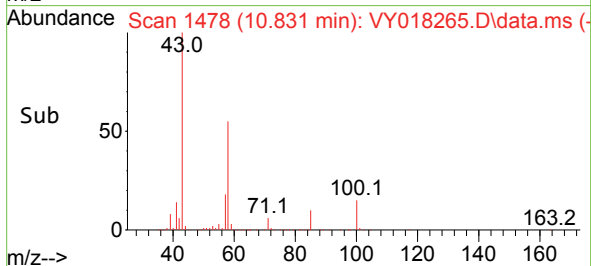
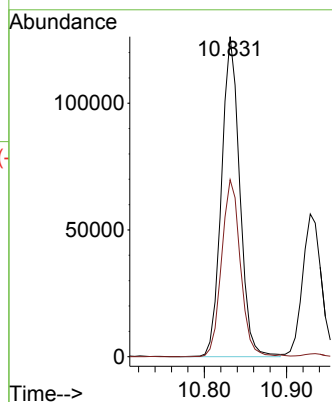
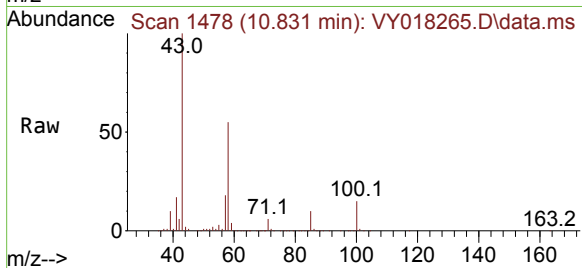




#59  
2-Hexanone  
Concen: 253.514 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

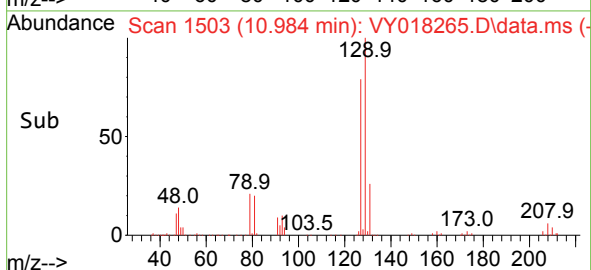
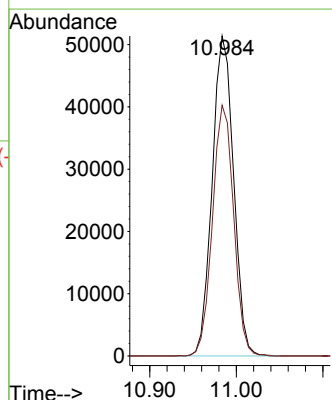
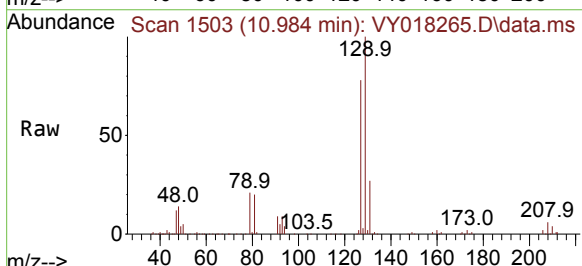
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

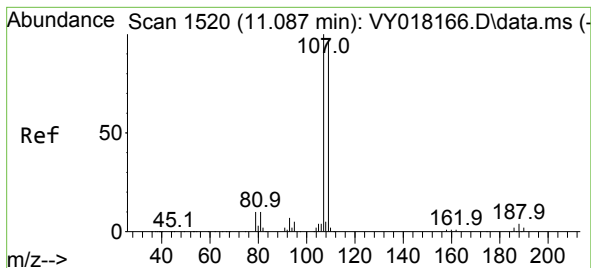
Tgt Ion: 43 Resp: 194982  
Ion Ratio Lower Upper  
43 100  
58 57.2 31.4 94.0



#60  
Dibromochloromethane  
Concen: 48.207 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 129 Resp: 88118  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.0 117.0

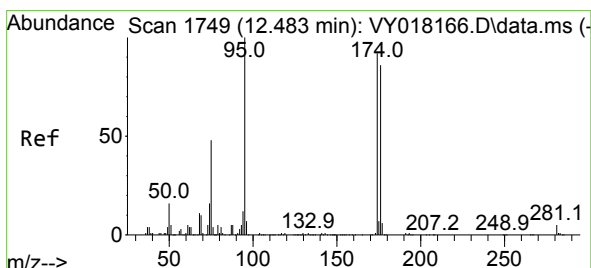
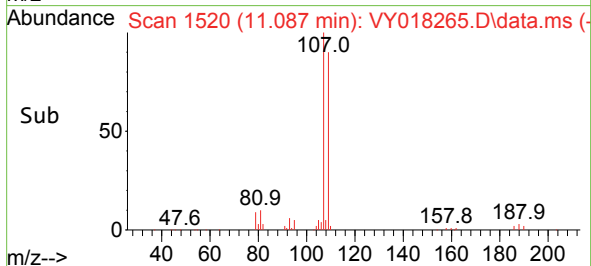
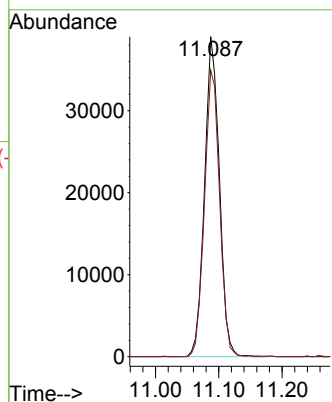
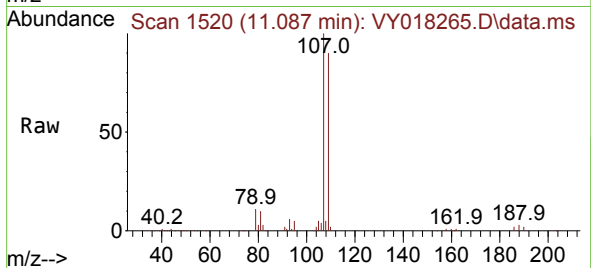




#61  
1,2-Dibromoethane  
Concen: 48.013 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

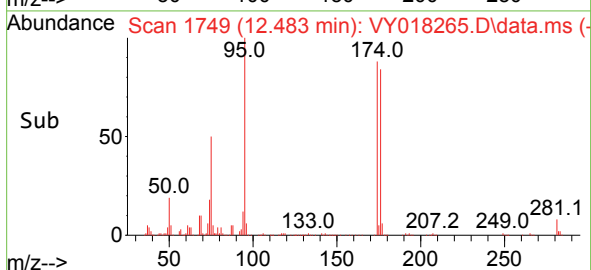
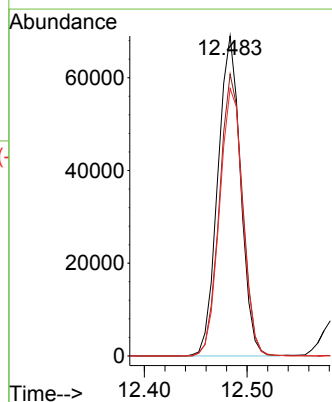
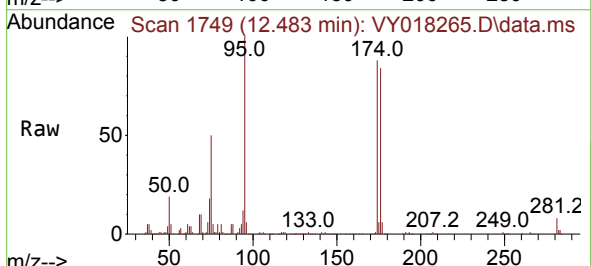
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

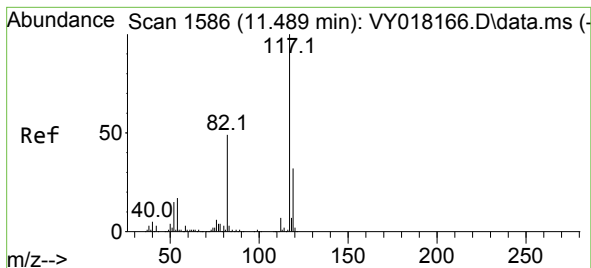
Tgt Ion:107 Resp: 63714  
Ion Ratio Lower Upper  
107 100  
109 91.2 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 47.023 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 95 Resp: 105895  
Ion Ratio Lower Upper  
95 100  
174 89.4 0.0 175.6  
176 85.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

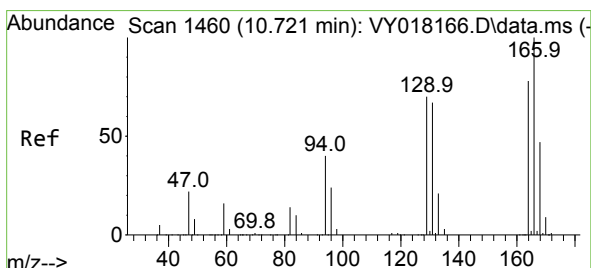
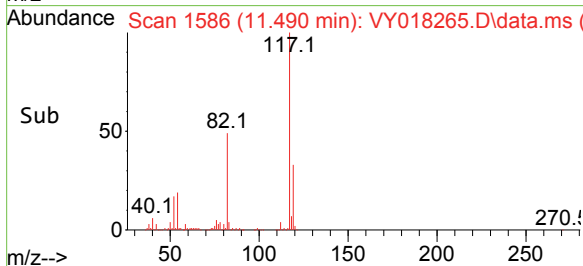
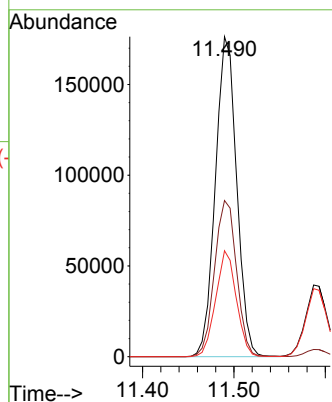
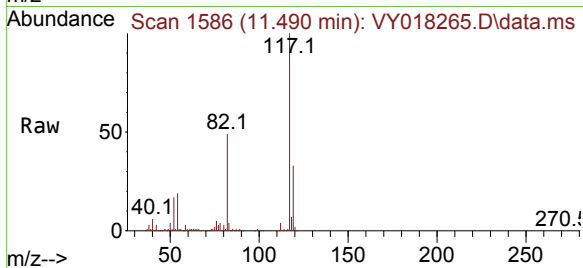
Tgt Ion:117 Resp: 285615

Ion Ratio Lower Upper

117 100

82 48.8 42.4 63.6

119 33.1 25.9 38.9



#64

Tetrachloroethene

Concen: 48.738 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Tgt Ion:164 Resp: 92682

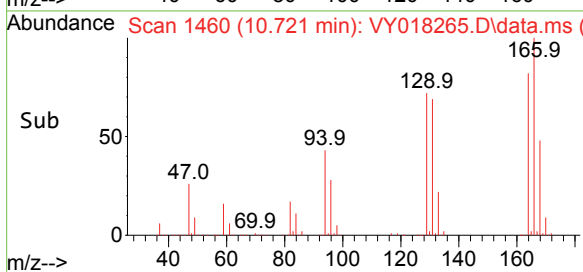
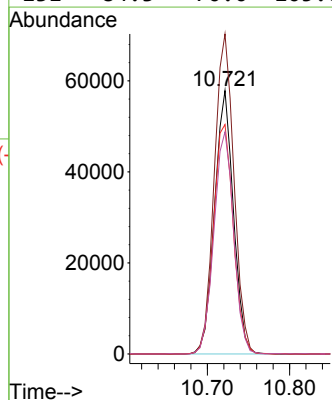
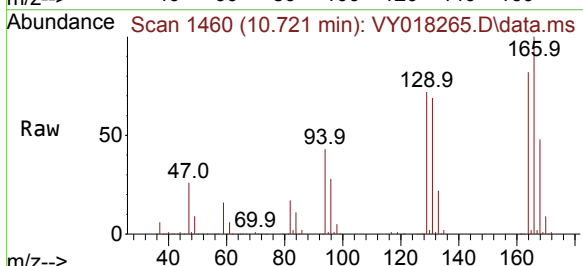
Ion Ratio Lower Upper

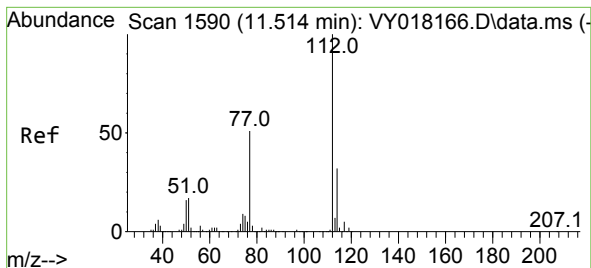
164 100

166 121.5 102.6 154.0

129 87.1 72.0 108.0

131 84.3 70.0 105.0

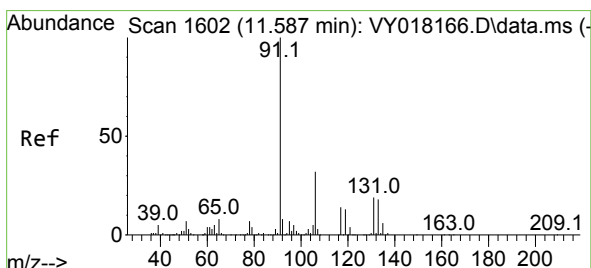
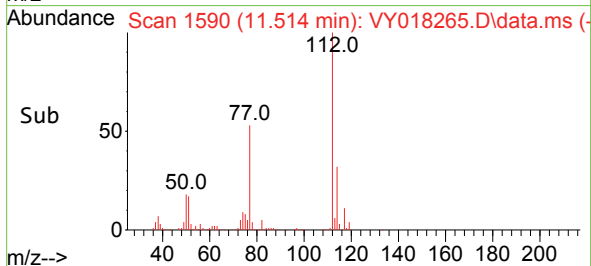
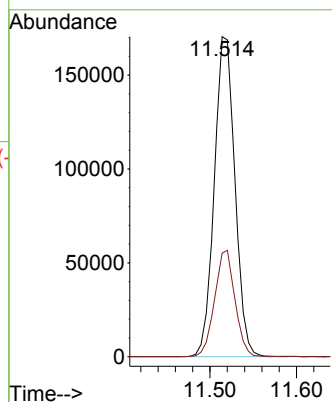
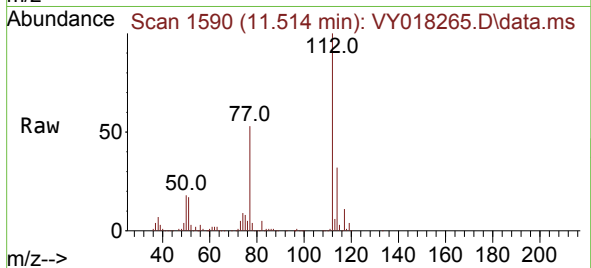




#65  
Chlorobenzene  
Concen: 48.504 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

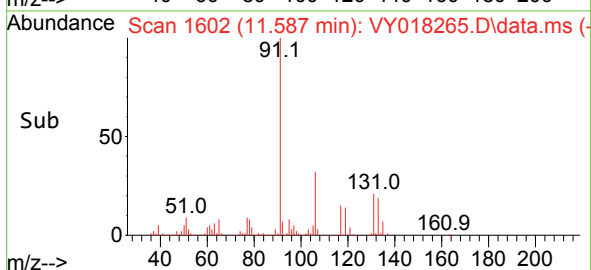
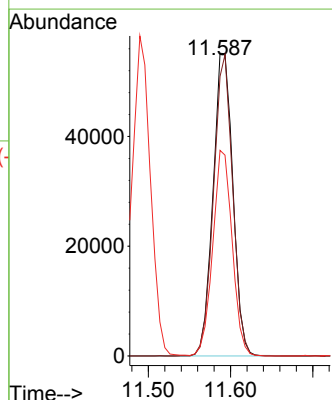
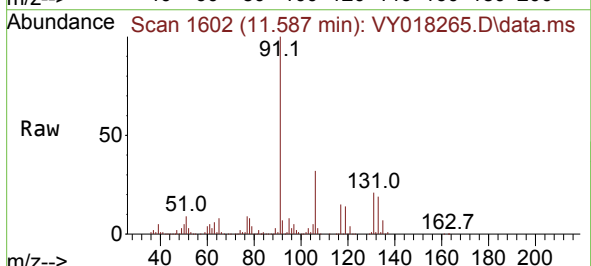
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

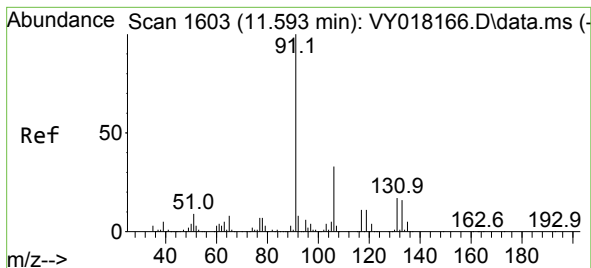
Tgt Ion:112 Resp: 282149  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.171 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion:131 Resp: 92520  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.8 143.3  
119 66.4 34.1 102.2





#67

Ethyl Benzene

Concen: 50.092 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

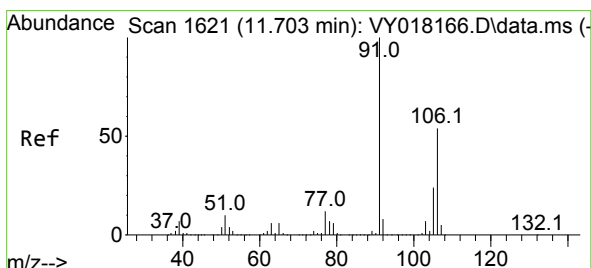
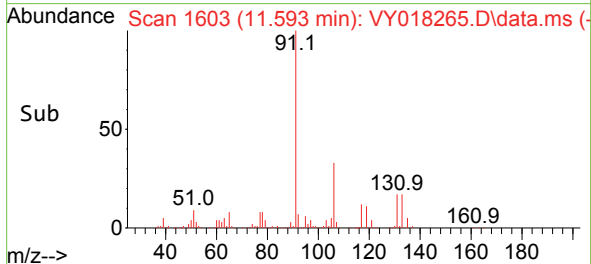
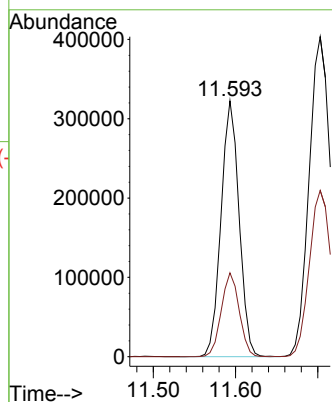
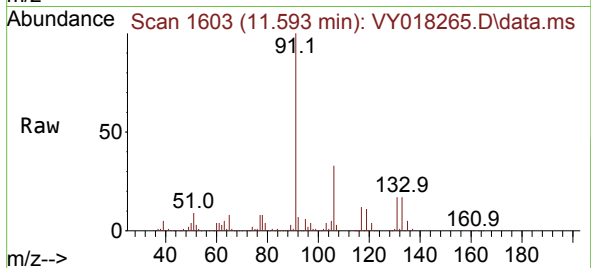
VSTDCCC050

Tgt Ion: 91 Resp: 491995

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 98.886 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018265.D

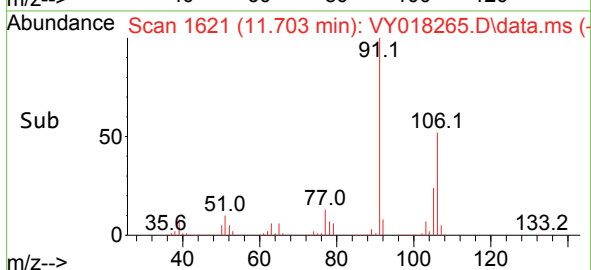
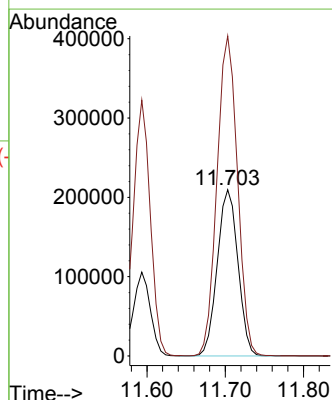
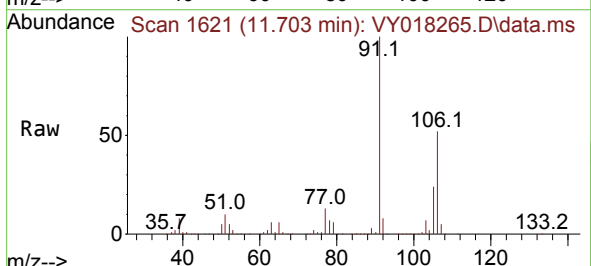
Acq: 15 May 2024 10:15

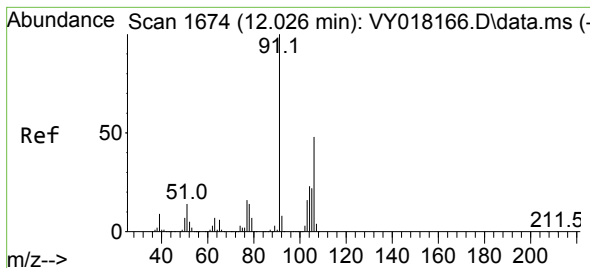
Tgt Ion:106 Resp: 384078

Ion Ratio Lower Upper

106 100

91 191.1 156.0 234.0

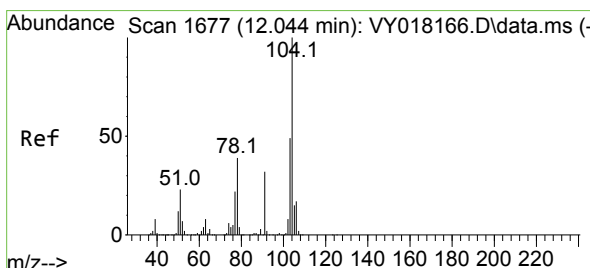
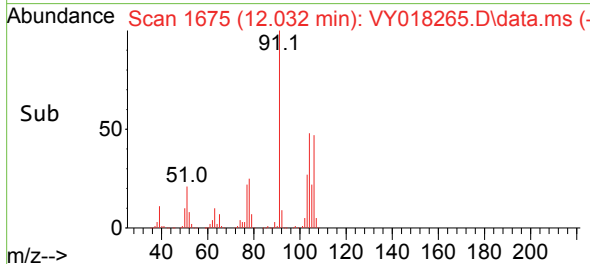
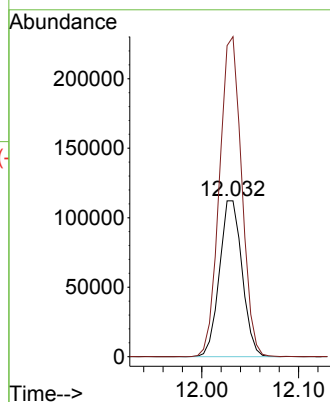
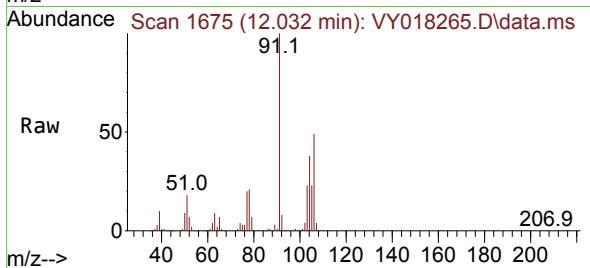




#69  
o-Xylene  
Concen: 48.777 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

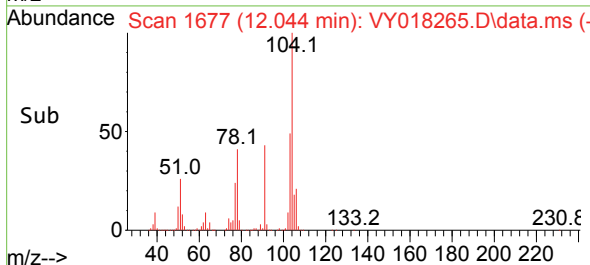
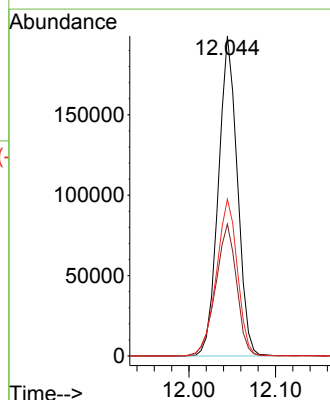
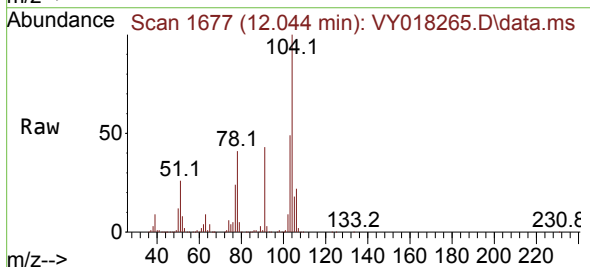
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

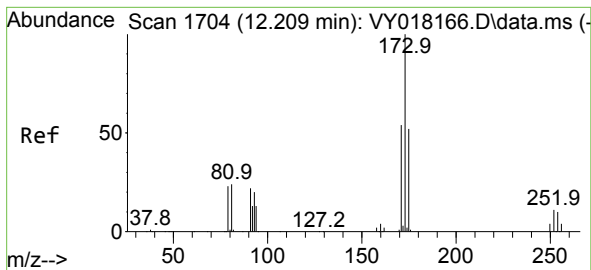
Tgt Ion:106 Resp: 181808  
Ion Ratio Lower Upper  
106 100  
91 202.1 103.6 310.8



#70  
Styrene  
Concen: 48.665 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion:104 Resp: 302925  
Ion Ratio Lower Upper  
104 100  
78 45.5 37.0 55.4  
103 54.2 44.2 66.2





#71

Bromoform

Concen: 46.932 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

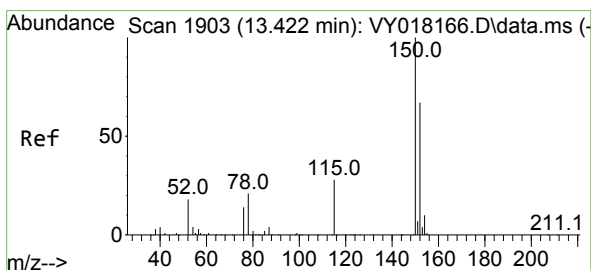
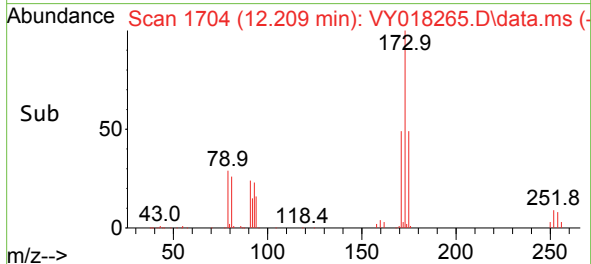
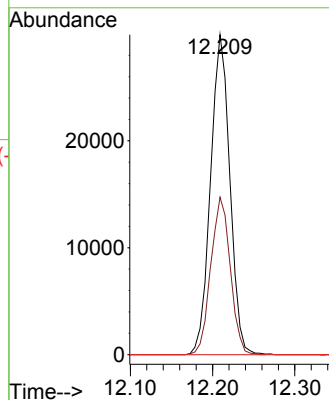
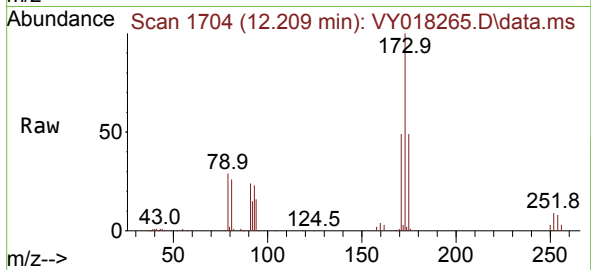
Tgt Ion:173 Resp: 48861

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

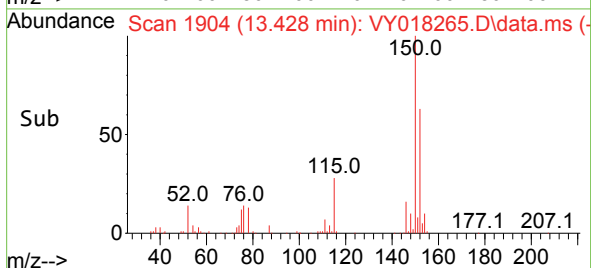
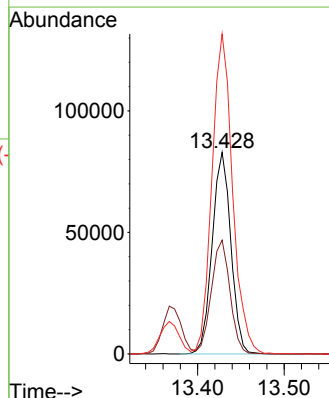
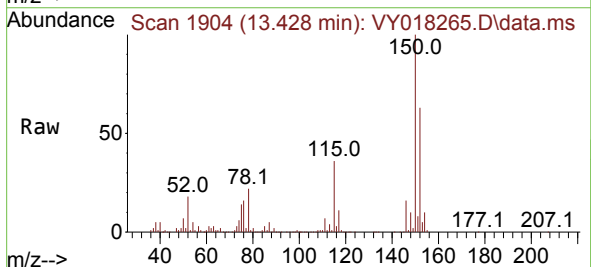
Tgt Ion:152 Resp: 124452

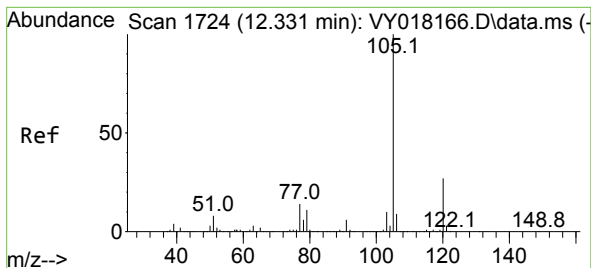
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 175.0 0.0 345.6





#73

Isopropylbenzene

Concen: 50.123 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

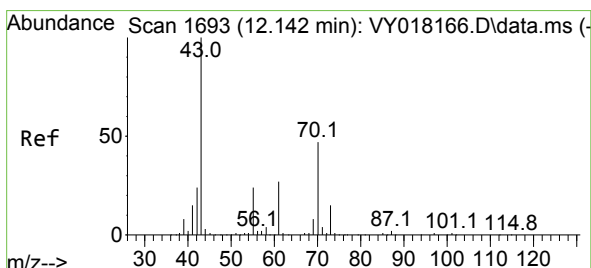
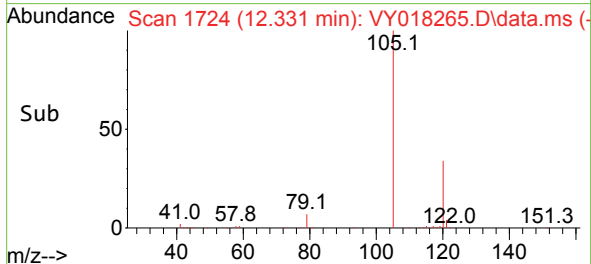
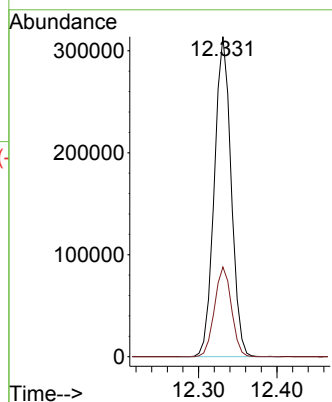
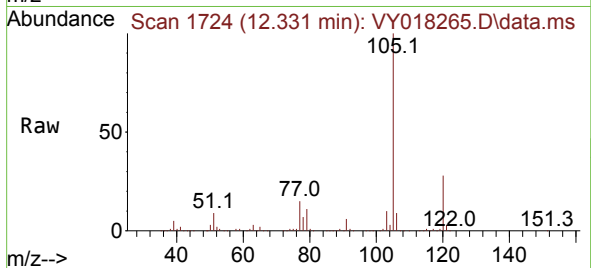
VSTDCCC050

Tgt Ion:105 Resp: 467694

Ion Ratio Lower Upper

105 100

120 28.2 13.4 40.1



#74

N-ethyl acetate

Concen: 49.137 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Tgt Ion: 43 Resp: 95177

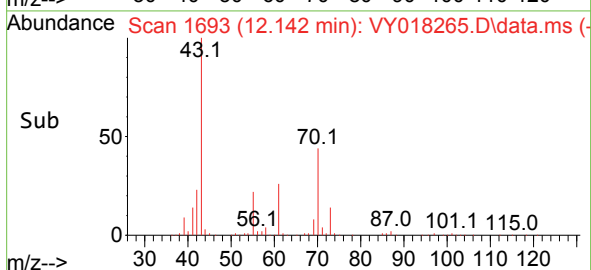
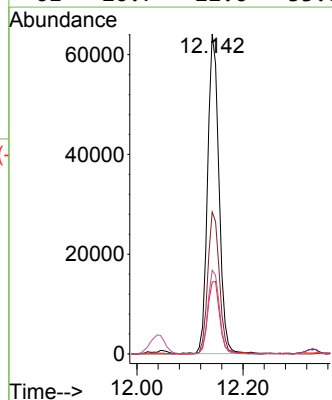
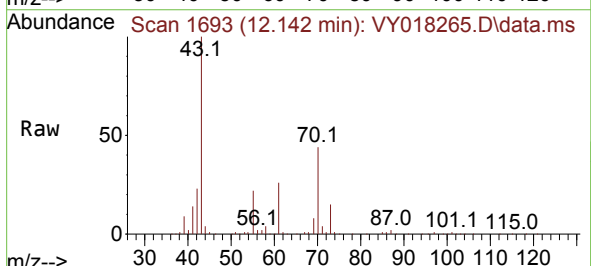
Ion Ratio Lower Upper

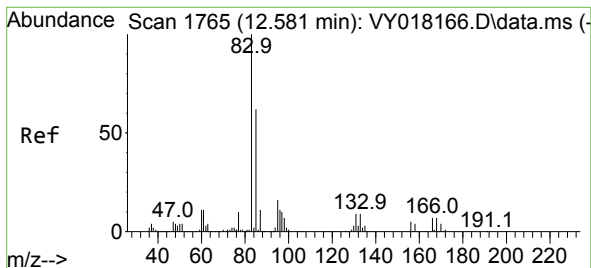
43 100

70 45.6 41.4 62.2

55 23.7 23.3 34.9

61 26.7 22.6 33.8

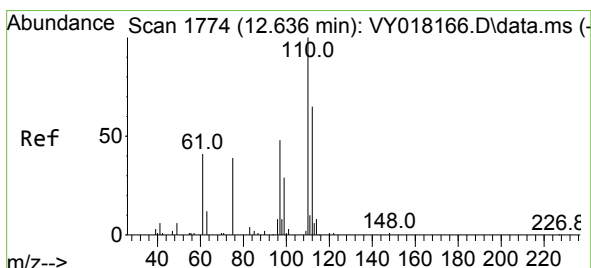
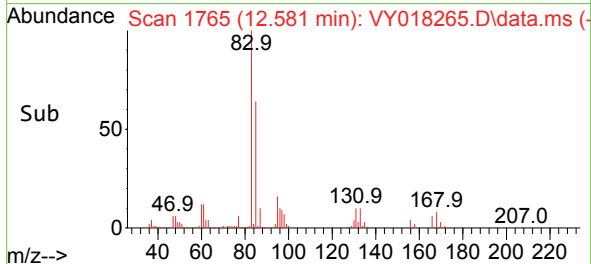
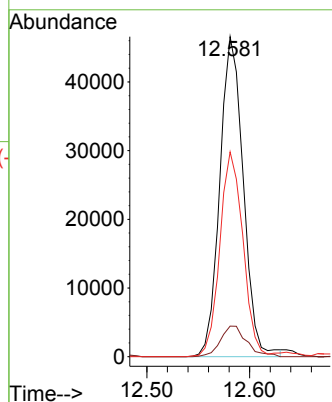
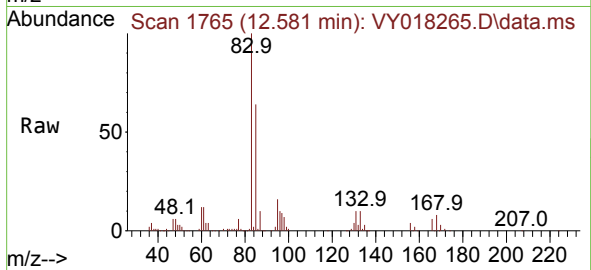




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.633 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

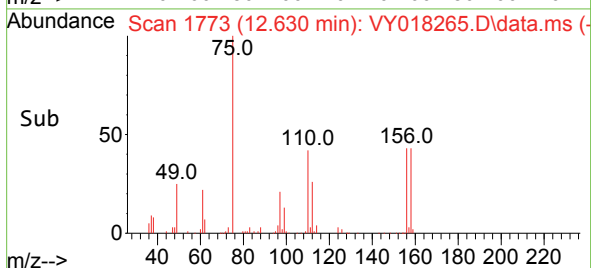
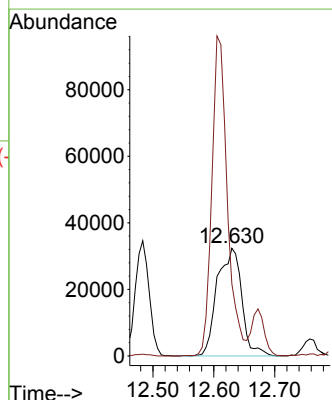
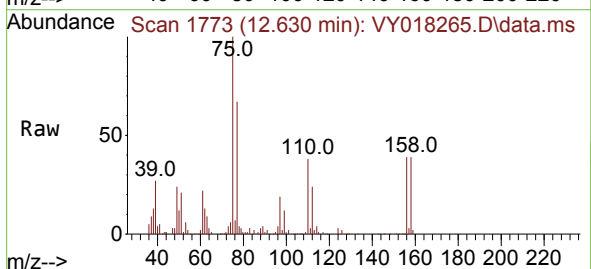
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

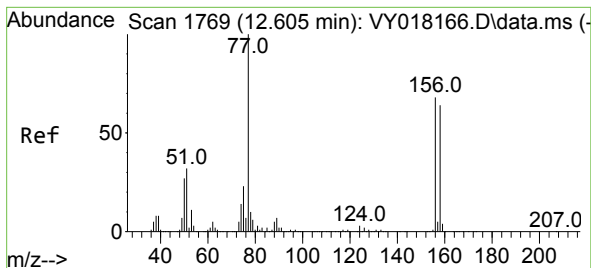
Tgt Ion: 83 Resp: 73877  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.0 14.9  
85 63.1 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 90.855 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 75 Resp: 90506  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.807 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

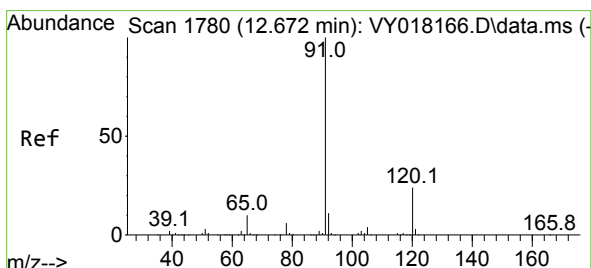
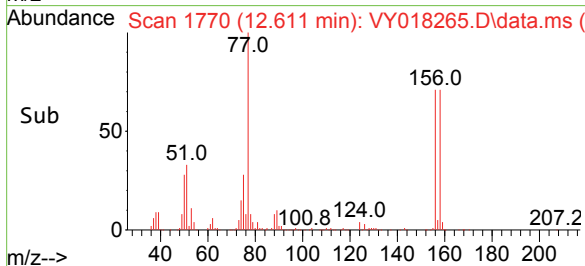
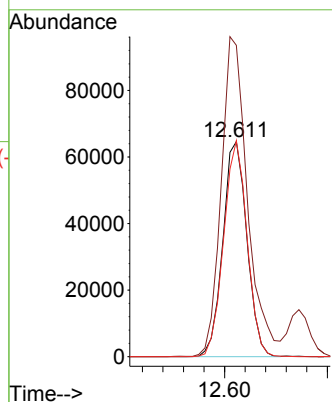
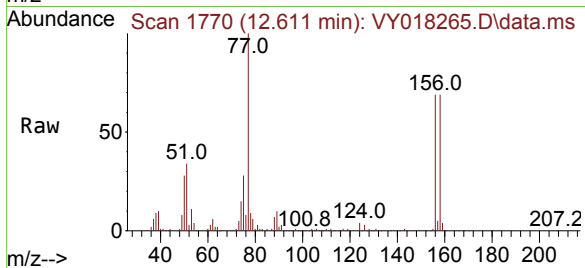
Tgt Ion:156 Resp: 104622

Ion Ratio Lower Upper

156 100

77 163.6 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 50.879 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018265.D

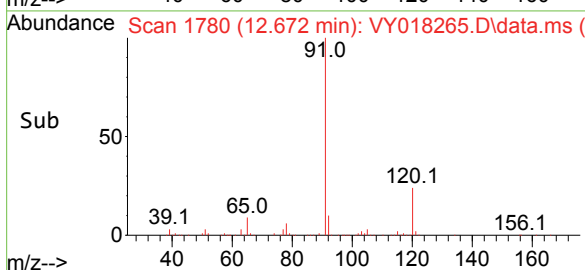
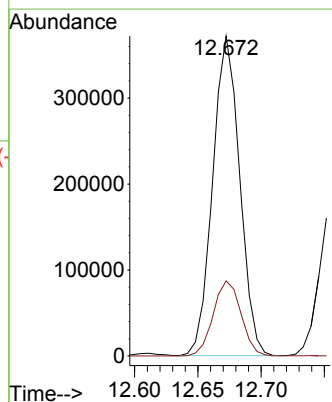
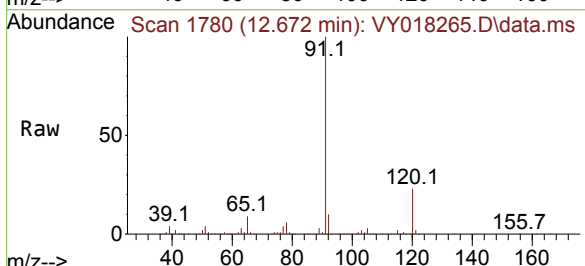
Acq: 15 May 2024 10:15

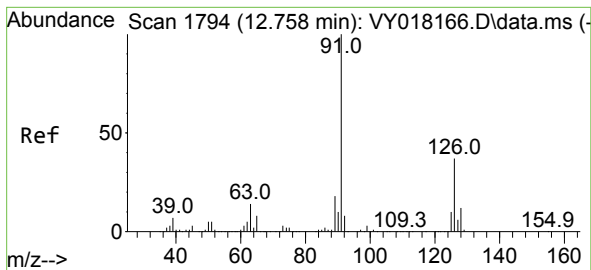
Tgt Ion: 91 Resp: 552201

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4

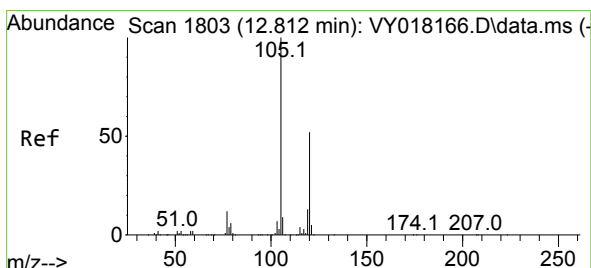
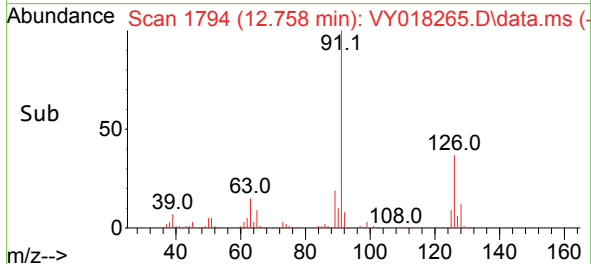
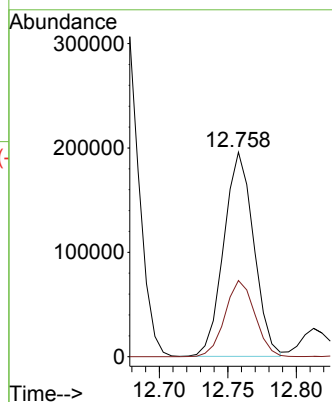
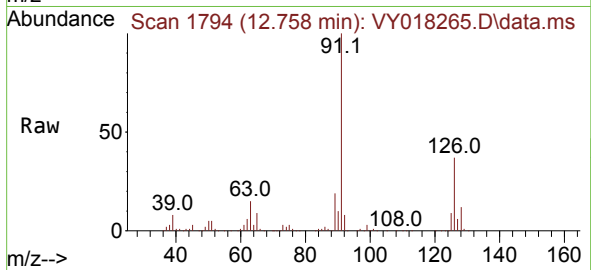




#79  
2-Chlorotoluene  
Concen: 49.521 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

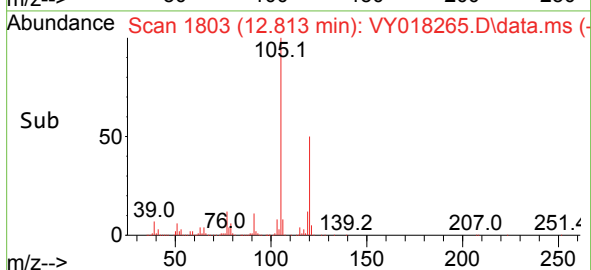
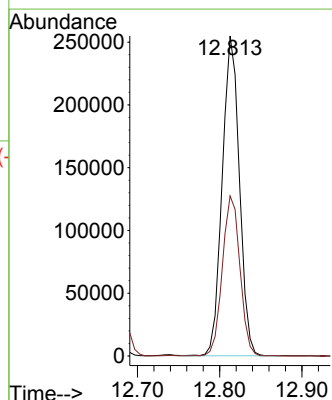
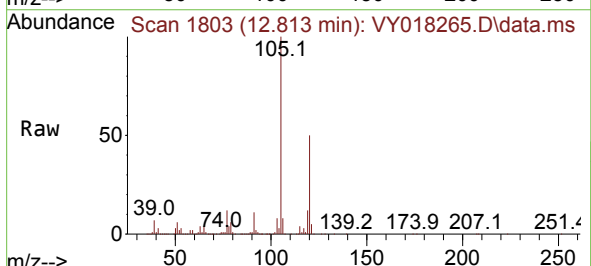
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

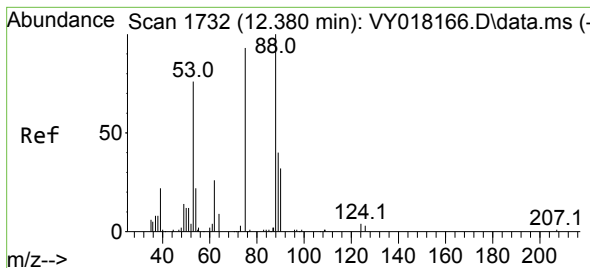
Tgt Ion: 91 Resp: 298665  
Ion Ratio Lower Upper  
91 100  
126 37.1 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 50.285 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 105 Resp: 369983  
Ion Ratio Lower Upper  
105 100  
120 51.0 25.1 75.2

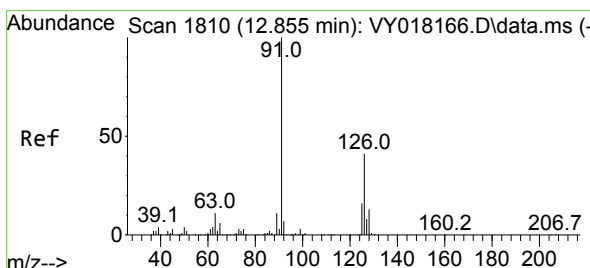
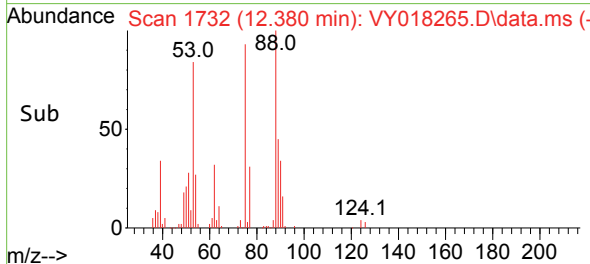
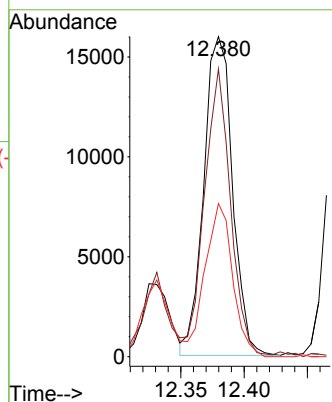
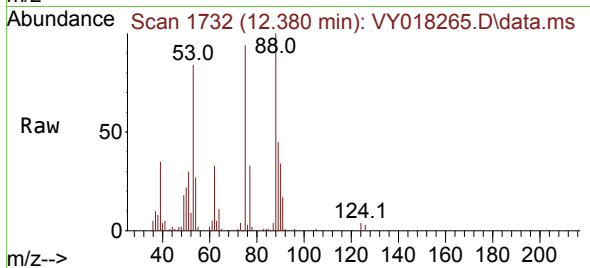




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.739 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

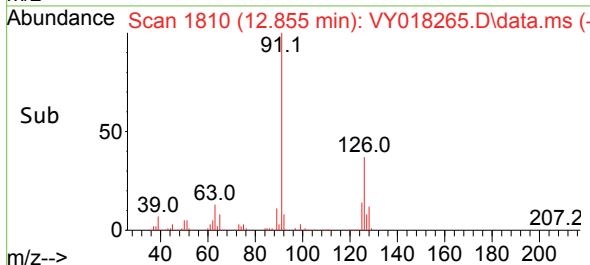
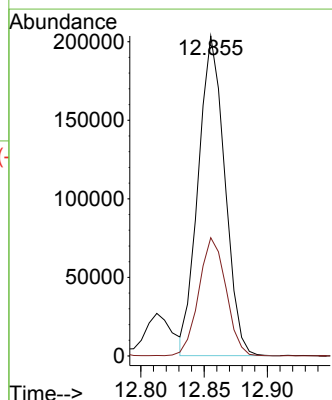
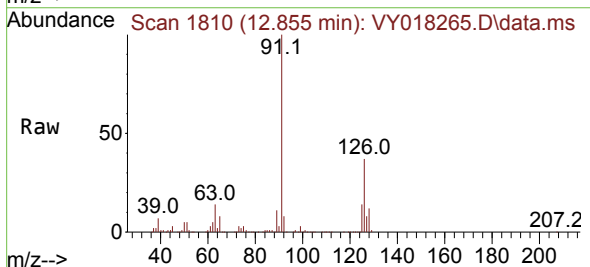
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

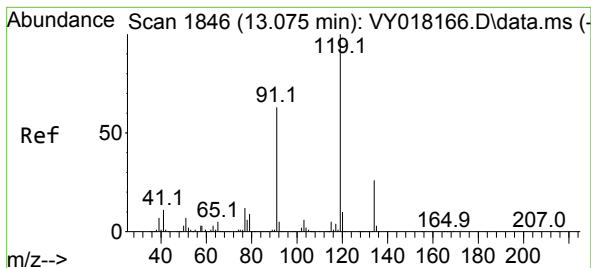
Tgt Ion: 75 Resp: 25200  
Ion Ratio Lower Upper  
75 100  
53 81.2 66.8 100.2  
89 45.7 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 49.013 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion: 91 Resp: 296923  
Ion Ratio Lower Upper  
91 100  
126 37.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.330 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

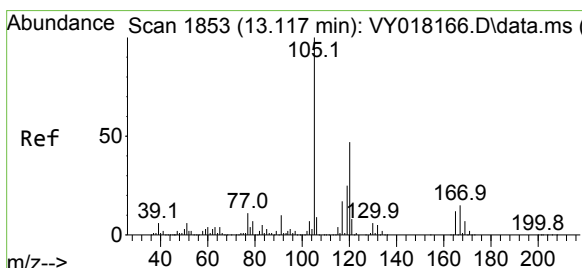
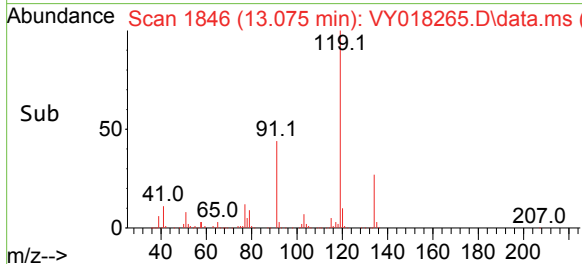
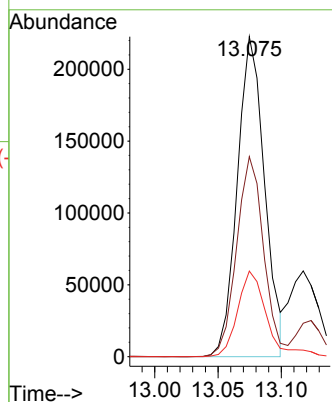
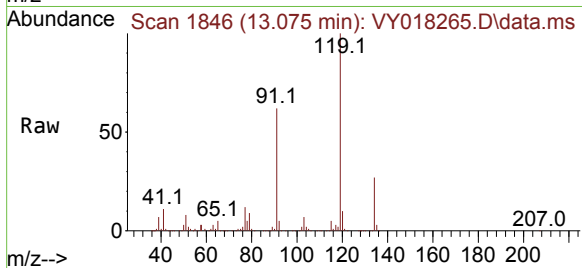
Tgt Ion:119 Resp: 334785

Ion Ratio Lower Upper

119 100

91 62.3 31.3 93.8

134 28.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.064 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018265.D

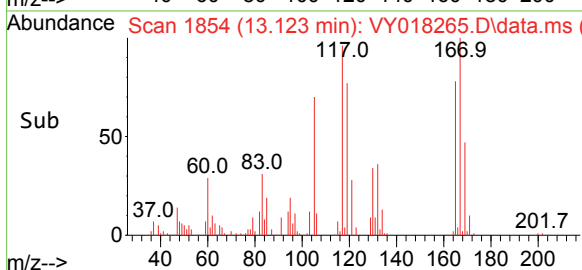
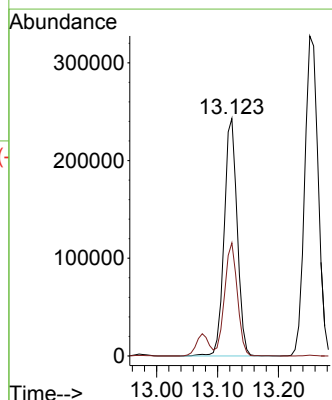
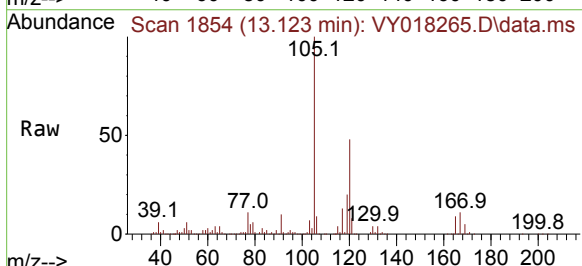
Acq: 15 May 2024 10:15

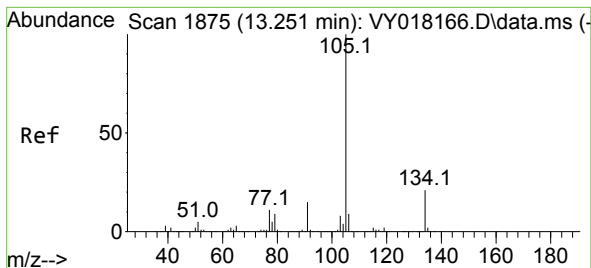
Tgt Ion:105 Resp: 360827

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.290 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

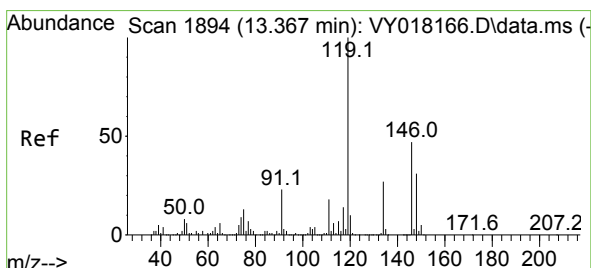
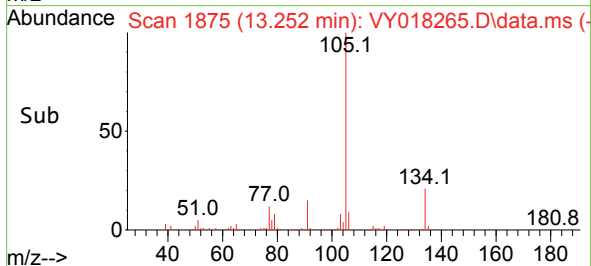
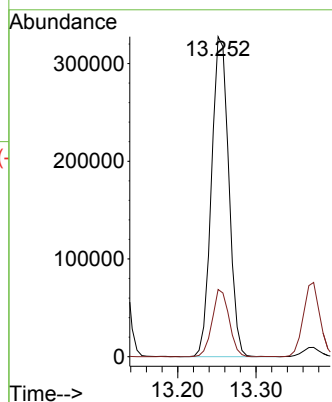
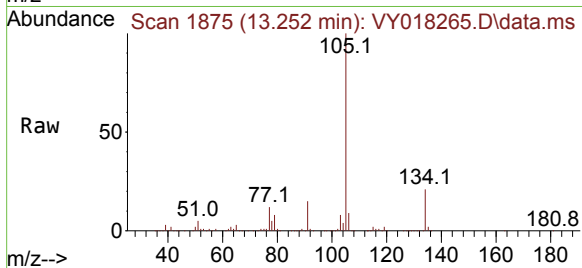
VSTDCCC050

Tgt Ion:105 Resp: 500624

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.309 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

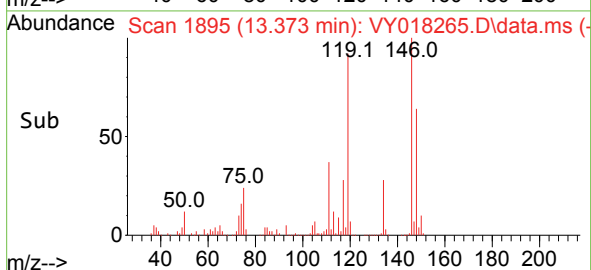
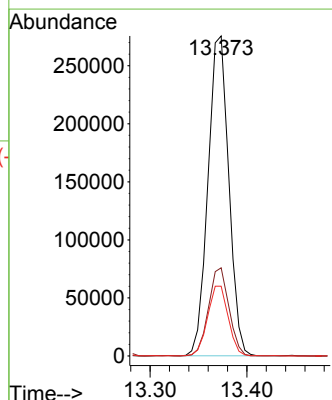
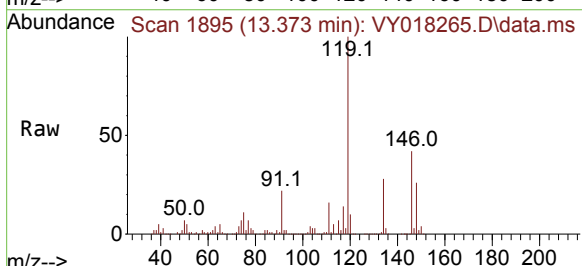
Tgt Ion:119 Resp: 411999

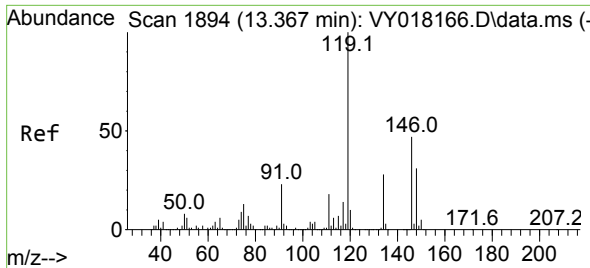
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.9 10.7 32.1

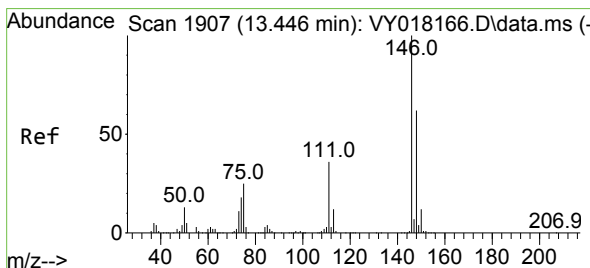
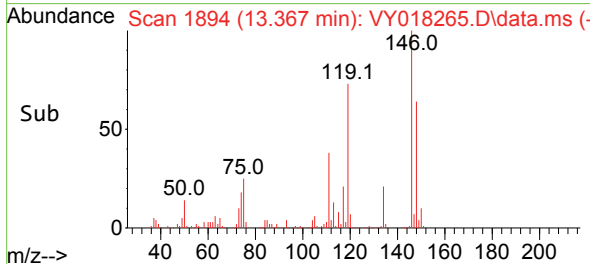
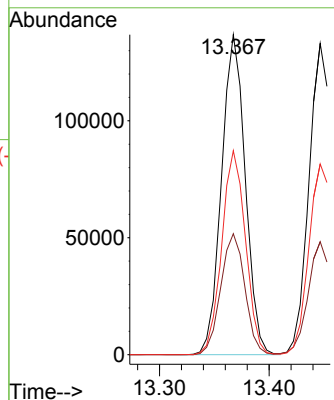
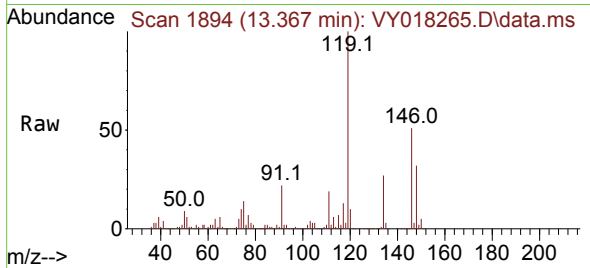




#87  
1,3-Dichlorobenzene  
Concen: 49.801 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

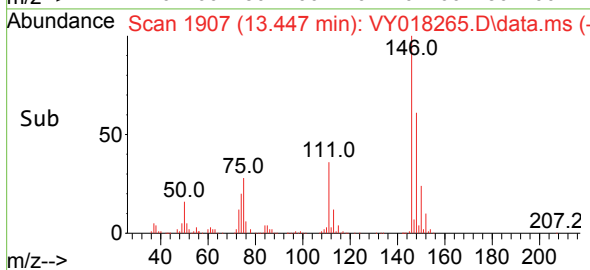
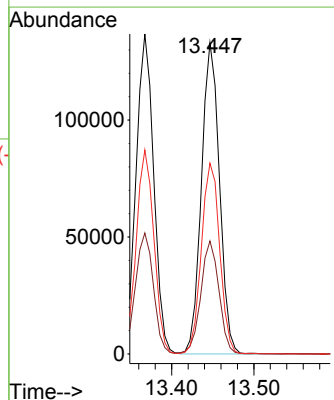
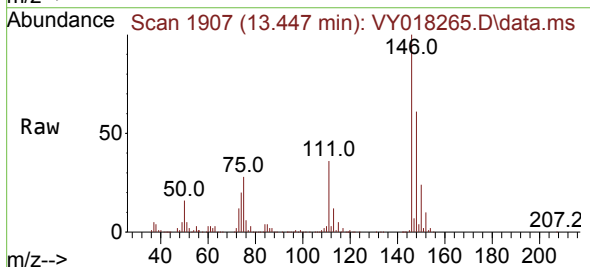
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

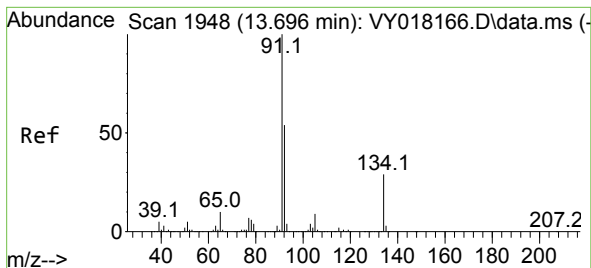
Tgt Ion:146 Resp: 206165  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.0 57.0  
148 63.7 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 50.261 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY018265.D  
Acq: 15 May 2024 10:15

Tgt Ion:146 Resp: 202839  
Ion Ratio Lower Upper  
146 100  
111 36.4 18.4 55.4  
148 62.4 32.4 97.2





#89

n-Butylbenzene

Concen: 50.266 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

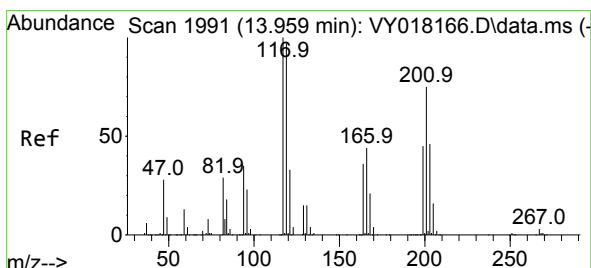
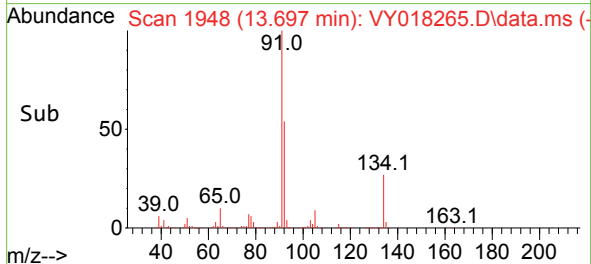
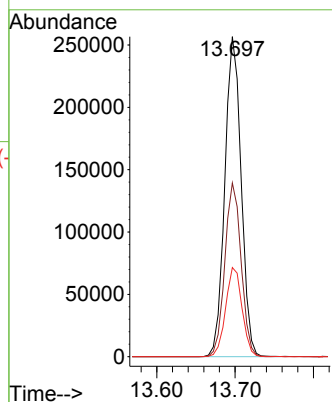
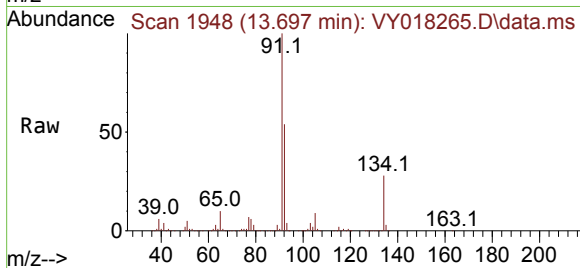
Tgt Ion: 91 Resp: 372548

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 28.1 12.9 38.7



#90

Hexachloroethane

Concen: 49.248 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018265.D

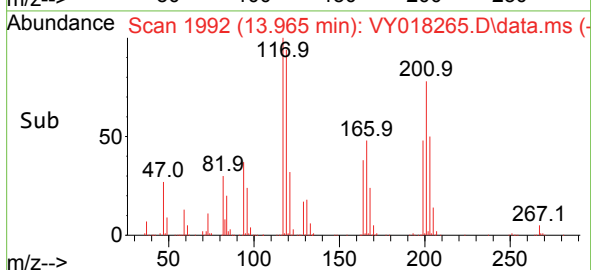
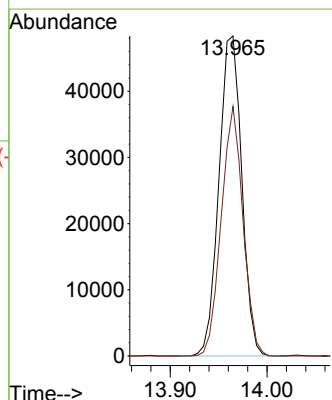
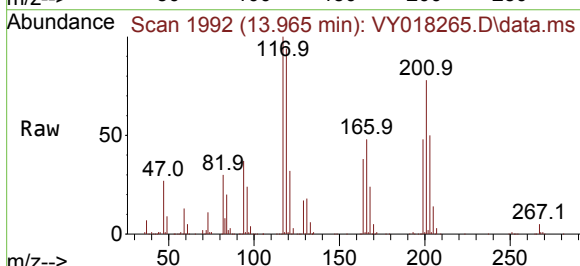
Acq: 15 May 2024 10:15

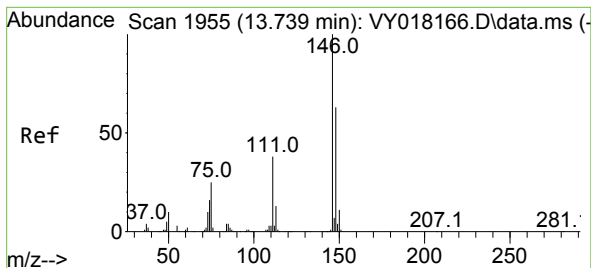
Tgt Ion: 117 Resp: 79124

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.391 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

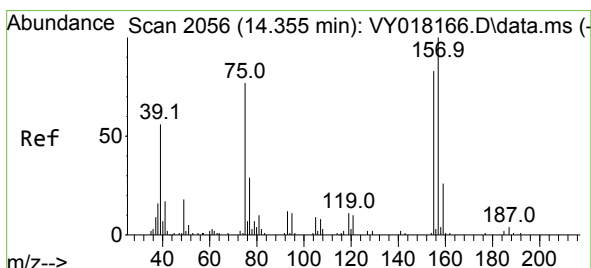
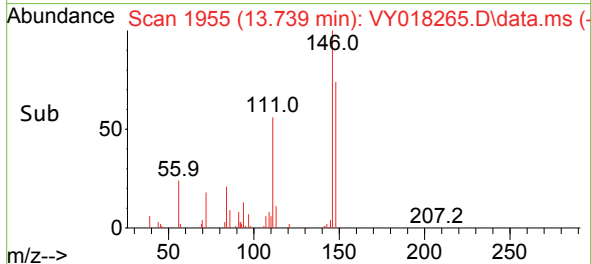
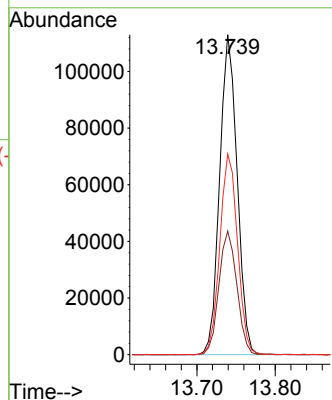
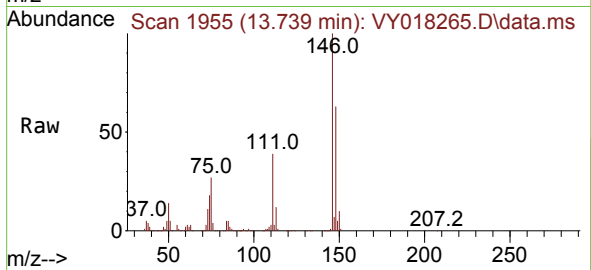
Tgt Ion:146 Resp: 175741

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.106 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

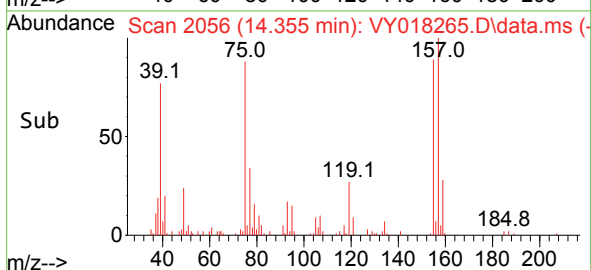
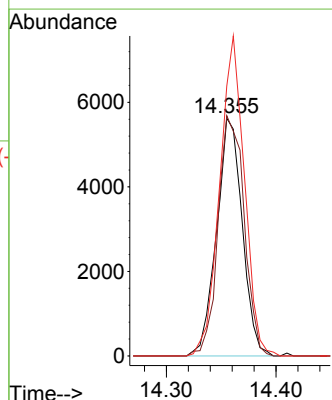
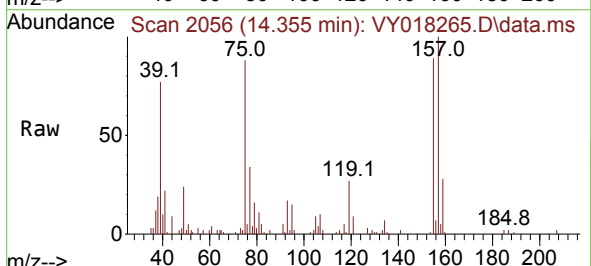
Tgt Ion: 75 Resp: 9142

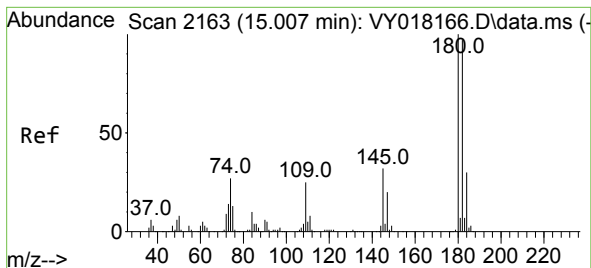
Ion Ratio Lower Upper

75 100

155 102.6 48.6 145.8

157 129.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.146 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

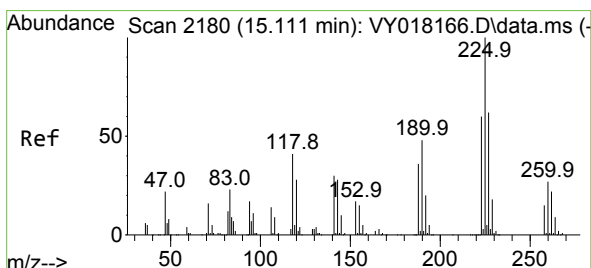
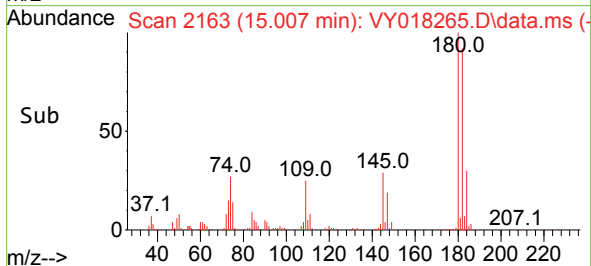
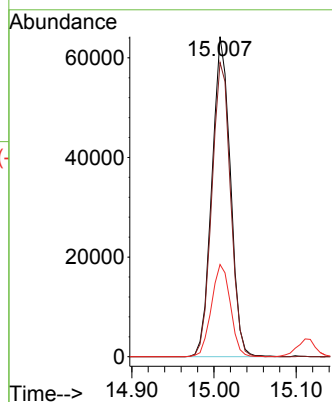
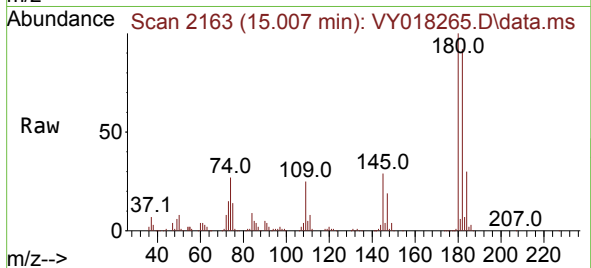
Tgt Ion:180 Resp: 100309

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.158 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

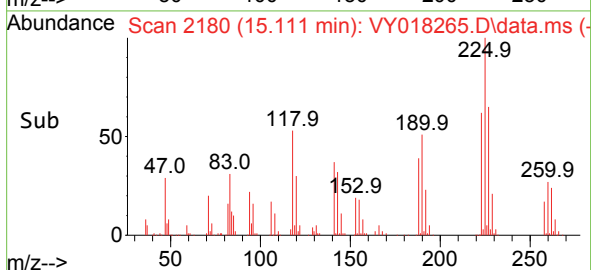
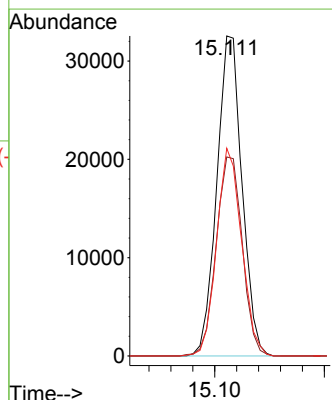
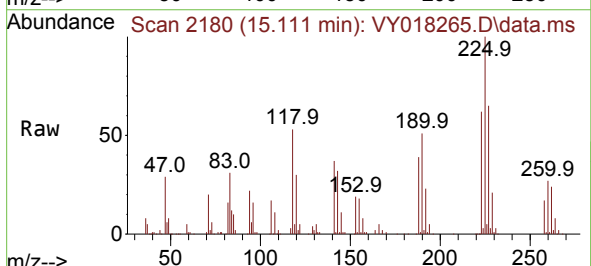
Tgt Ion:225 Resp: 52047

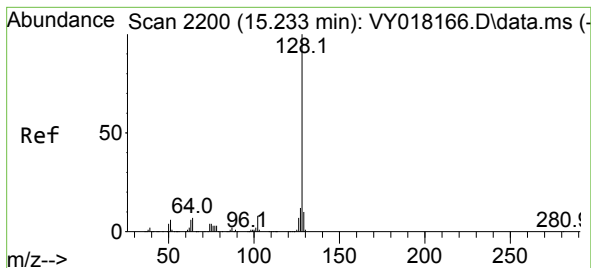
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 49.168 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

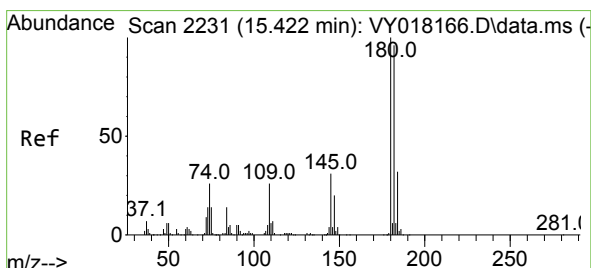
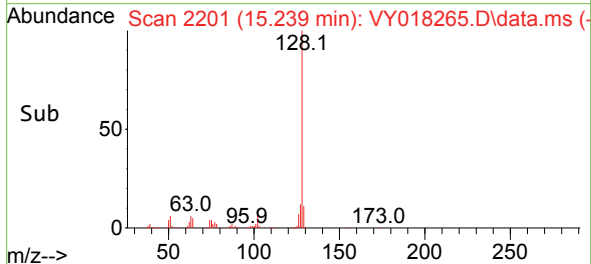
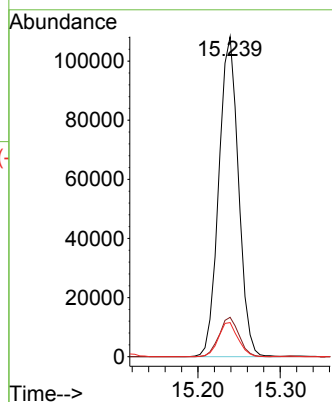
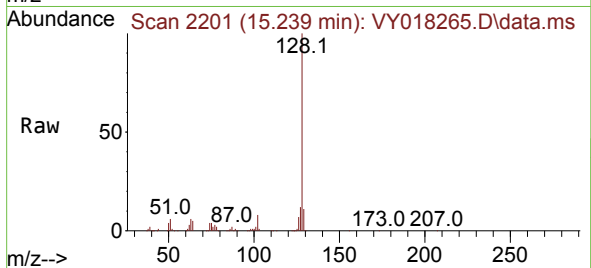
Tgt Ion:128 Resp: 180224

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.549 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018265.D

Acq: 15 May 2024 10:15

Tgt Ion:180 Resp: 81339

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 33.2 15.4 46.1

