

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061124\  
 Data File : VY018553.D  
 Acq On : 11 Jun 2024 13:15  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 12 02:57:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 45330    | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 70293    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 65022    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 47920    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 39532    | 44.408   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 88.820% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 39880    | 44.740   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 89.480% |
| 50) Toluene-d8              | 10.179 | 98    | 162413   | 45.801   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 91.600% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 51933    | 47.037   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 94.080% |

|                              |       |     |        |         |        |      |
|------------------------------|-------|-----|--------|---------|--------|------|
| Target Compounds             |       |     |        |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 30257  | 42.028  | ug/l   | 98   |
| 3) Chloromethane             | 2.107 | 50  | 74579  | 55.549  | ug/l   | 97   |
| 4) Vinyl Chloride            | 2.247 | 62  | 91529  | 56.996  | ug/l   | 97   |
| 5) Bromomethane              | 2.643 | 94  | 55161  | 51.485  | ug/l   | 91   |
| 6) Chloroethane              | 2.784 | 64  | 57954  | 57.158  | ug/l   | 99   |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 85980  | 51.747  | ug/l   | 97   |
| 8) Diethyl Ether             | 3.515 | 74  | 25860  | 51.726  | ug/l   | 81   |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 47153  | 48.736  | ug/l   | 91   |
| 10) Methyl Iodide            | 4.082 | 142 | 49664  | 52.260  | ug/l   | 95   |
| 11) Tert butyl alcohol       | 4.942 | 59  | 19698  | 178.315 | ug/l   | # 76 |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 46573  | 48.975  | ug/l   | 90   |
| 13) Acrolein                 | 3.716 | 56  | 17308  | 189.946 | ug/l   | 96   |
| 14) Allyl chloride           | 4.466 | 41  | 80454  | 57.767  | ug/l   | # 94 |
| 15) Acrylonitrile            | 5.143 | 53  | 61185  | 267.614 | ug/l   | 99   |
| 16) Acetone                  | 3.936 | 43  | 63241  | 320.074 | ug/l   | # 81 |
| 17) Carbon Disulfide         | 4.186 | 76  | 134023 | 48.043  | ug/l   | 99   |
| 18) Methyl Acetate           | 4.466 | 43  | 26600  | 53.837  | ug/l   | 90   |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 119769 | 52.258  | ug/l   | 97   |
| 20) Methylene Chloride       | 4.704 | 84  | 54330  | 49.994  | ug/l   | # 80 |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 52763  | 51.992  | ug/l   | 89   |
| 22) Diisopropyl ether        | 6.106 | 45  | 174686 | 61.590  | ug/l   | # 92 |
| 23) Vinyl Acetate            | 6.045 | 43  | 543989 | 294.705 | ug/l   | # 92 |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 99992  | 56.522  | ug/l   | 95   |
| 25) 2-Butanone               | 6.972 | 43  | 86989  | 287.390 | ug/l   | # 82 |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 82211  | 52.873  | ug/l   | 98   |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 63553  | 53.837  | ug/l   | 90   |
| 28) Bromochloromethane       | 7.326 | 49  | 44006  | 54.055  | ug/l   | # 76 |
| 29) Tetrahydrofuran          | 7.338 | 42  | 54282  | 276.138 | ug/l   | # 85 |
| 30) Chloroform               | 7.496 | 83  | 100154 | 56.446  | ug/l   | 97   |
| 31) Cyclohexane              | 7.777 | 56  | 87865  | 52.937  | ug/l   | 90   |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 87019  | 55.995  | ug/l   | 95   |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 75352  | 55.442  | ug/l   | 96   |
| 37) Ethyl Acetate            | 7.063 | 43  | 37942  | 55.882  | ug/l   | 97   |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 72234  | 53.037  | ug/l   | 96   |
| 39) Methylcyclohexane        | 9.179 | 83  | 97213  | 52.910  | ug/l   | 94   |
| 40) Benzene                  | 8.155 | 78  | 230875 | 56.694  | ug/l   | 99   |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 12 02:57:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 50268    | 152.208  | ug/l # | 36       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 55074    | 55.628   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 72607    | 57.191   | ug/l # | 90       |
| 44) Trichloroethene           | 8.935  | 130  | 52989    | 52.508   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 54521    | 58.542   | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 28863    | 54.055   | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.490  | 83   | 71748    | 55.977   | ug/l # | 97       |
| 48) Methyl methacrylate       | 9.289  | 41   | 32473    | 55.594   | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 7246     | 1033.387 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 193918   | 294.159  | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 144018   | 57.500   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 67292    | 57.170   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 82736    | 57.088   | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 38749    | 55.779   | ug/l   | 86       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 55898    | 57.181   | ug/l # | 77       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 69576    | 58.997   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 126257   | 240.512  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 141206   | 309.965  | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.983 | 129  | 46164    | 54.394   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 36425    | 55.682   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.715 | 164  | 46984    | 49.056   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.514 | 112  | 147775   | 52.996   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 47326    | 52.489   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 285245   | 56.202   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 213478   | 111.704  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 98674    | 53.636   | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 170563   | 56.744   | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 22924    | 48.262   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 266272   | 53.846   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 66415    | 55.177   | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 45722    | 52.525   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 58269    | 98.061   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 52148    | 49.667   | ug/l   | 86       |
| 78) n-propylbenzene           | 12.666 | 91   | 325447   | 54.835   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 176083   | 54.573   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 208375   | 54.104   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 14611    | 51.659   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 179132   | 55.171   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 189927   | 53.329   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 211346   | 56.051   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 285571   | 54.447   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 234623   | 55.426   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 109735   | 52.984   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 108874   | 53.509   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 224529   | 55.817   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 40616    | 51.190   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 94200    | 52.268   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 6058     | 45.733   | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 46381    | 47.585   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 22965    | 44.363   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 94483    | 48.266   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 38447    | 46.620   | ug/l   | 97       |

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Sample : VSTDCCC050  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jun 12 02:57:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 07:11:56 2024  
Response via : Initial Calibration

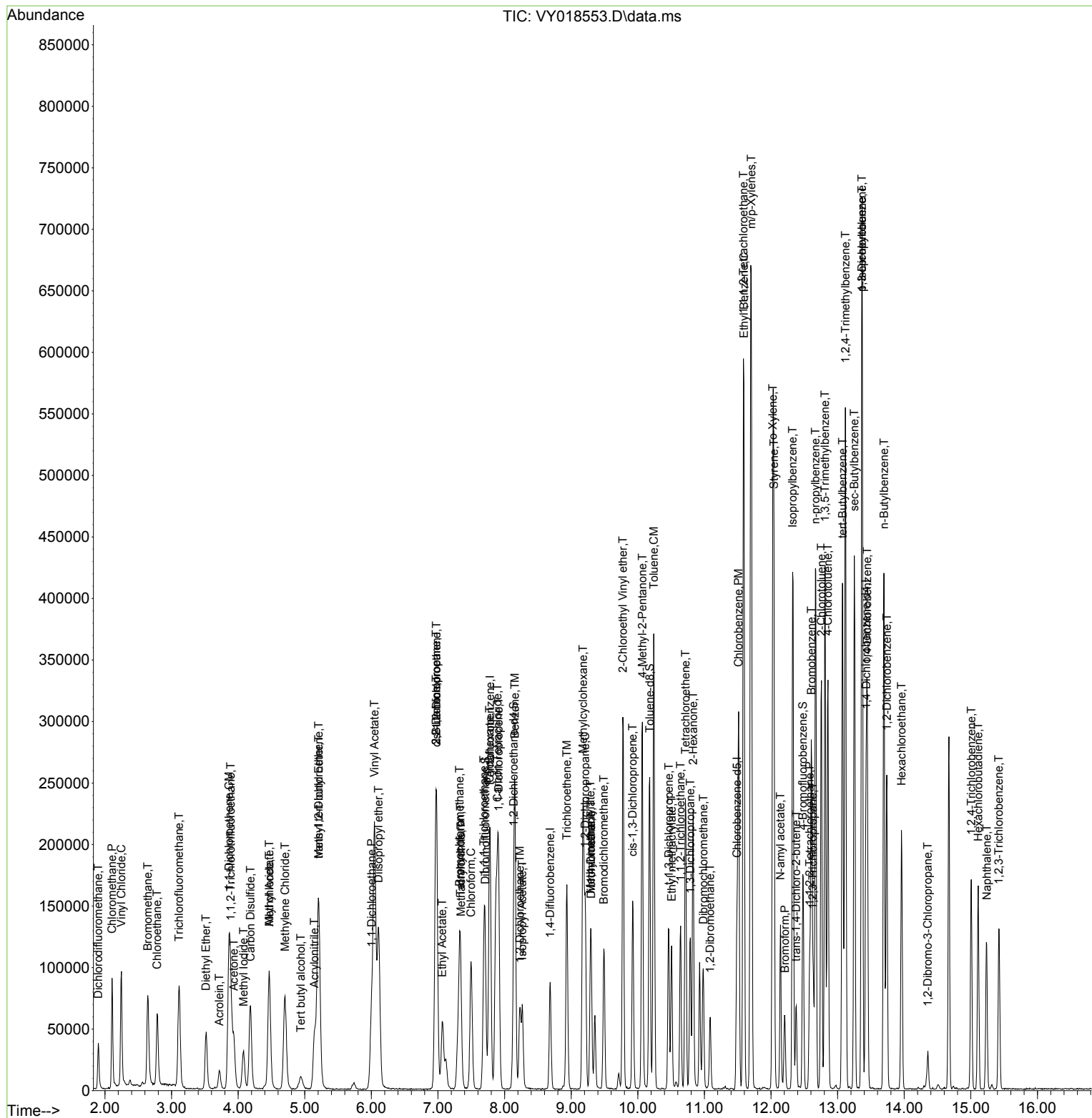
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

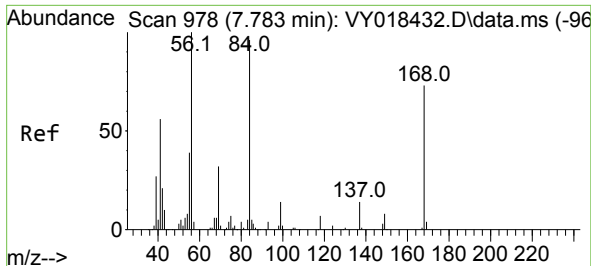
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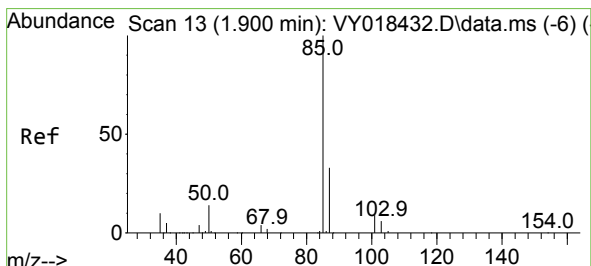
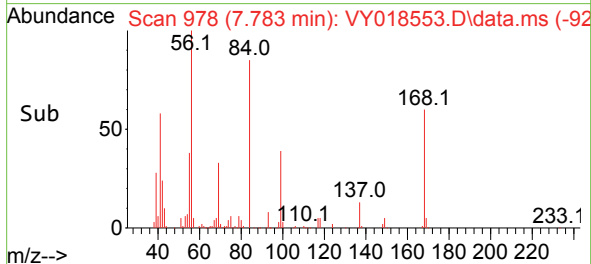
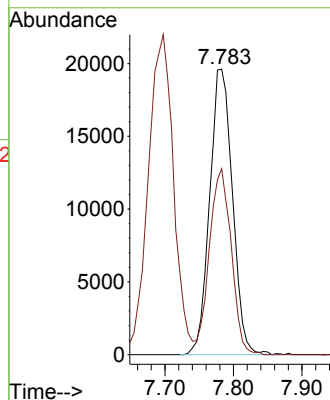
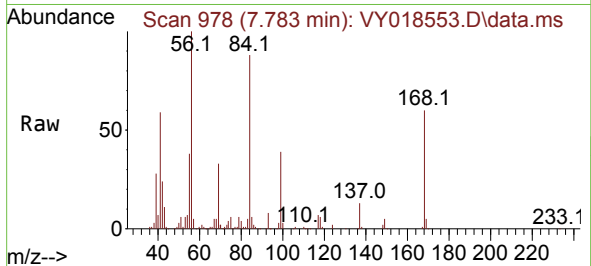




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

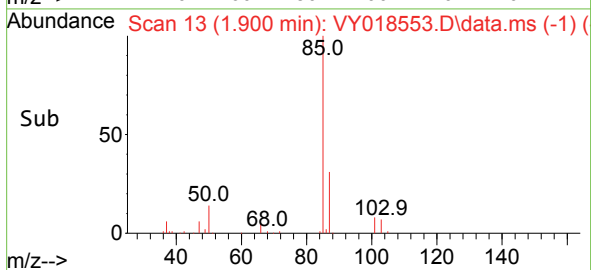
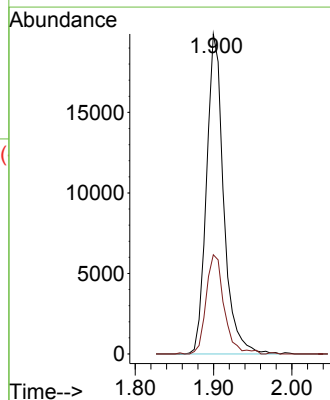
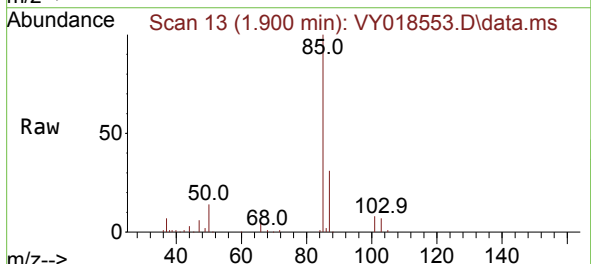
Instrument :  
MSVOA\_Y  
ClientSampleId :

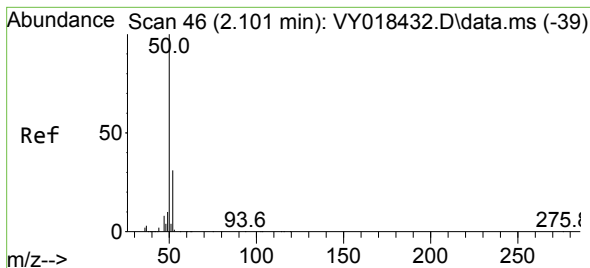
Tgt Ion:168 Resp: 45330  
Ion Ratio Lower Upper  
168 100  
99 65.1 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 42.028 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 85 Resp: 30257  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.0 48.0





#3

Chloromethane

Concen: 55.549 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

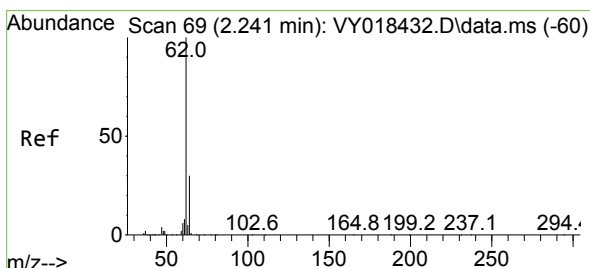
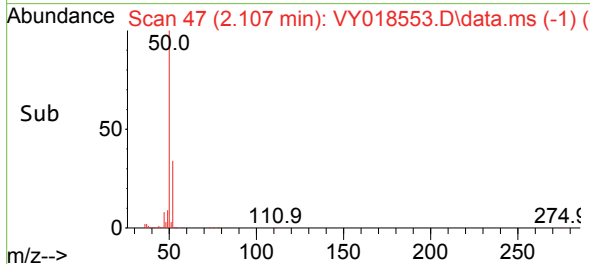
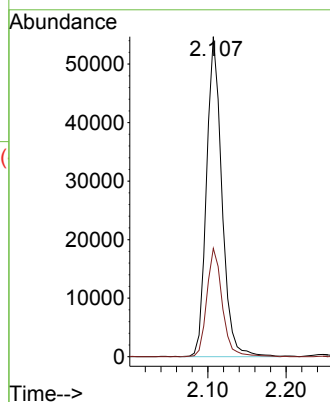
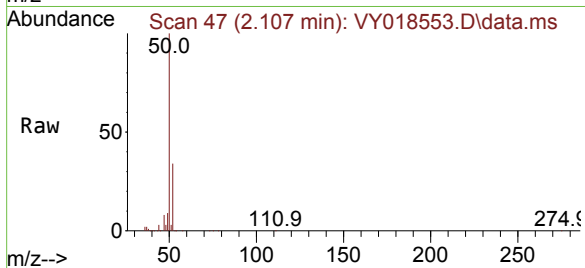
ClientSampleId :

Tgt Ion: 50 Resp: 74579

Ion Ratio Lower Upper

50 100

52 33.9 25.6 38.4



#4

Vinyl Chloride

Concen: 56.996 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY018553.D

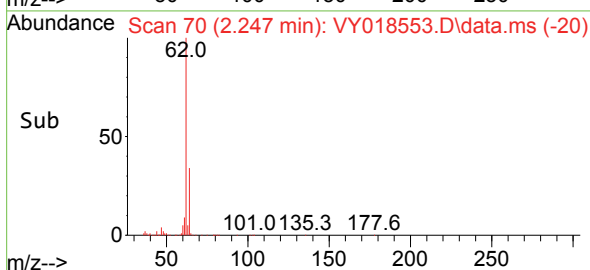
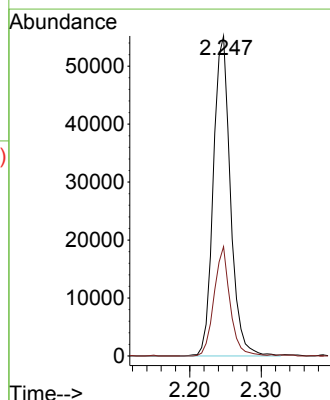
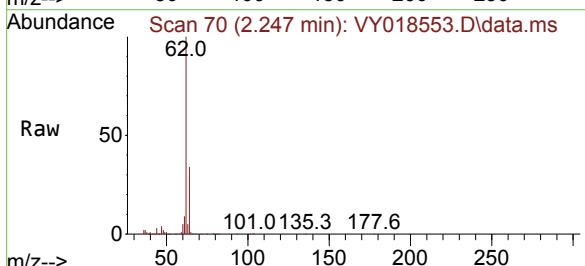
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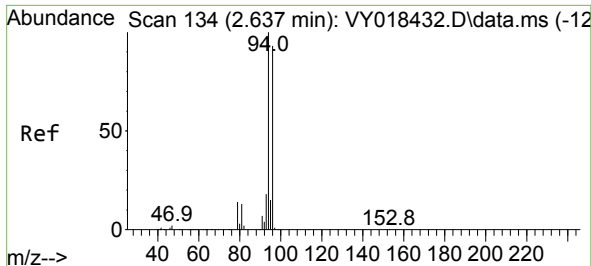
Tgt Ion: 62 Resp: 91529

Ion Ratio Lower Upper

62 100

64 34.1 26.1 39.1





#5

Bromomethane

Concen: 51.485 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

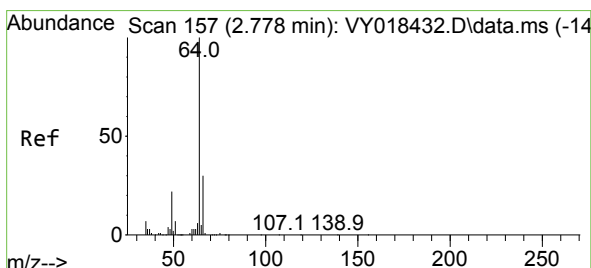
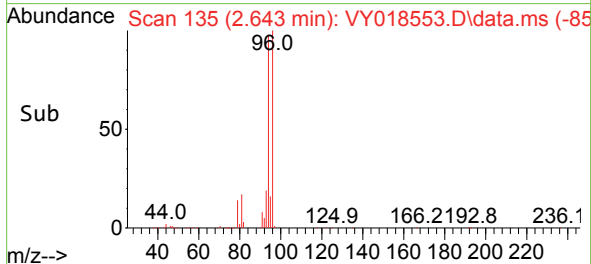
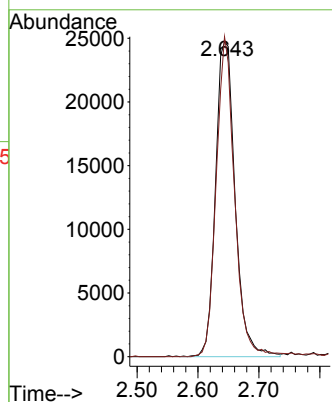
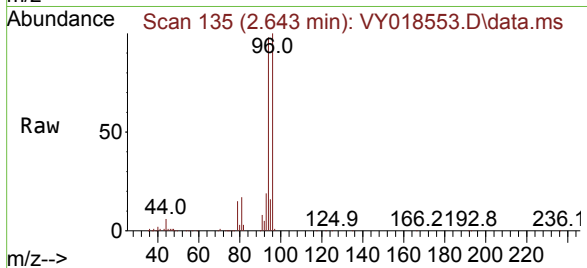
ClientSampleId :

Tgt Ion: 94 Resp: 55161

Ion Ratio Lower Upper

94 100

96 101.6 74.1 111.1



#6

Chloroethane

Concen: 57.158 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.006 min

Lab File: VY018553.D

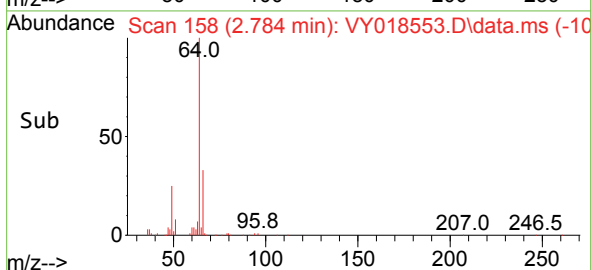
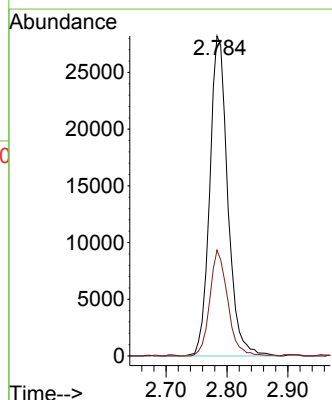
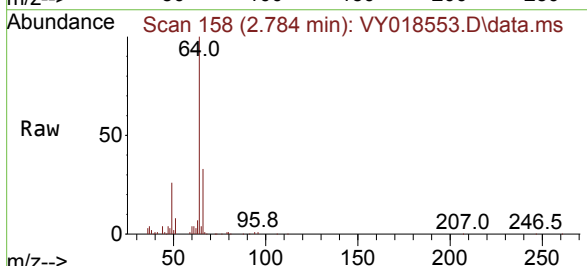
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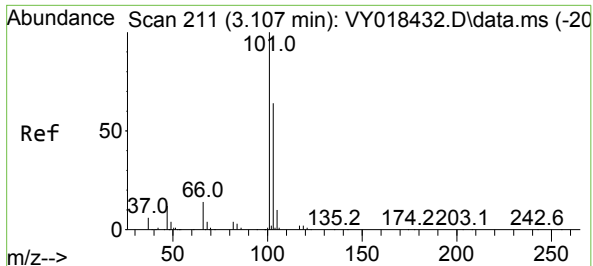
Tgt Ion: 64 Resp: 57954

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1

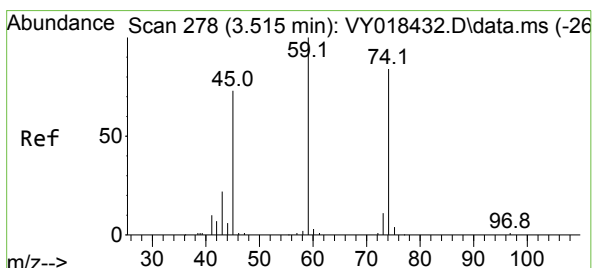
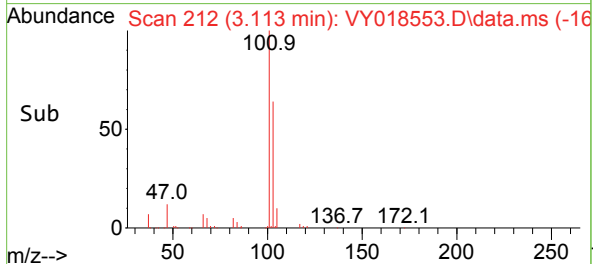
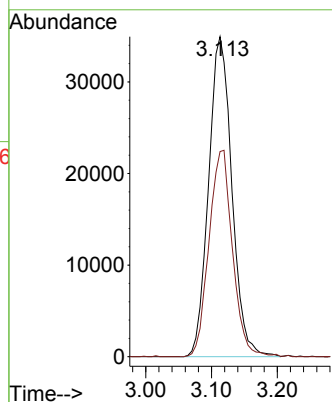
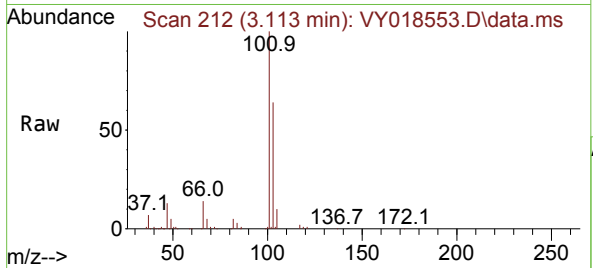




#7  
 Trichlorofluoromethane  
 Concen: 51.747 ug/l  
 RT: 3.113 min Scan# 211  
 Delta R.T. 0.006 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

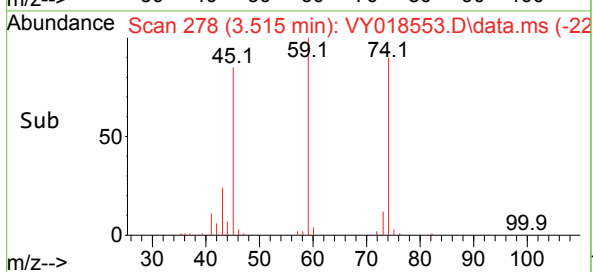
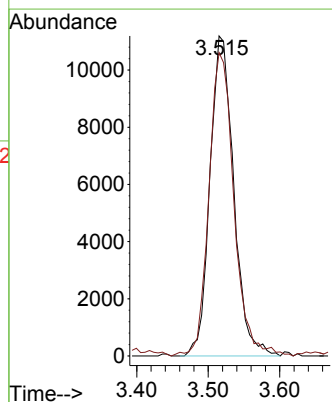
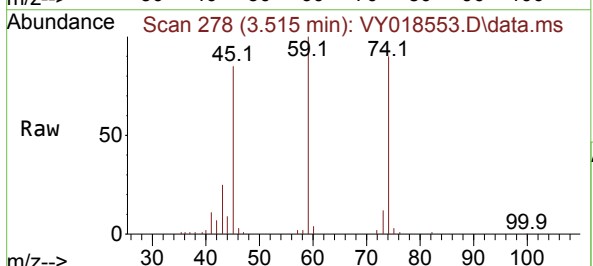
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 85980  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 49.3 73.9

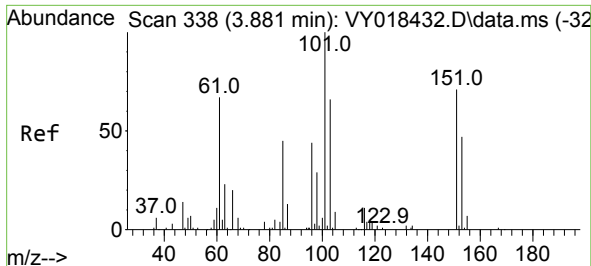


#8  
 Diethyl Ether  
 Concen: 51.726 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.000 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

Tgt Ion: 74 Resp: 25860  
 Ion Ratio Lower Upper  
 74 100  
 45 99.6 41.3 124.1



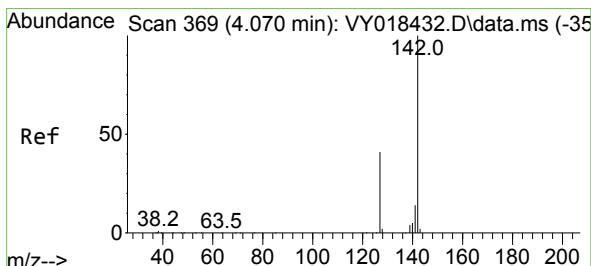
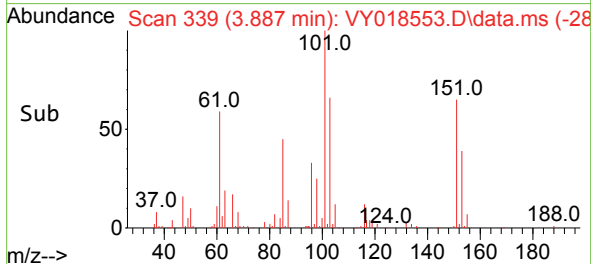
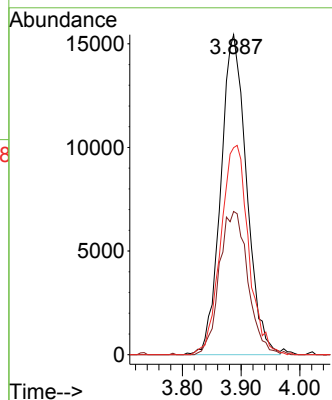
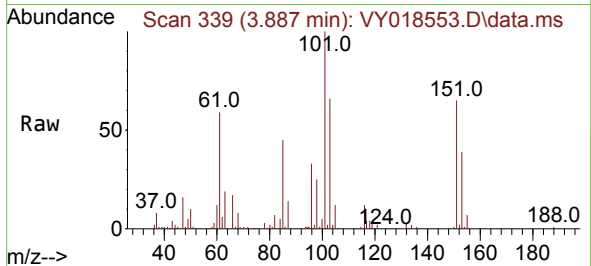




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.736 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

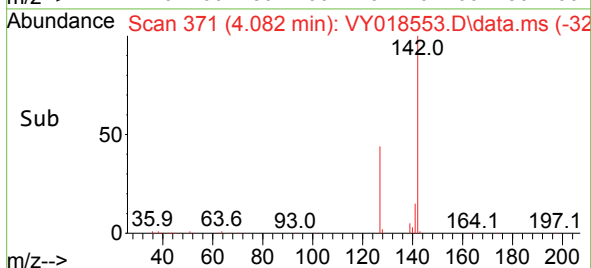
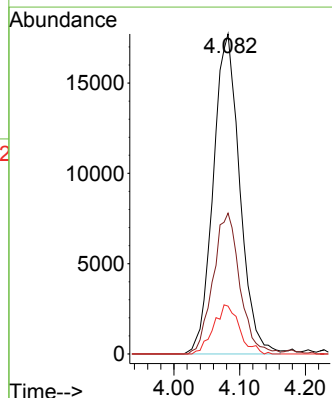
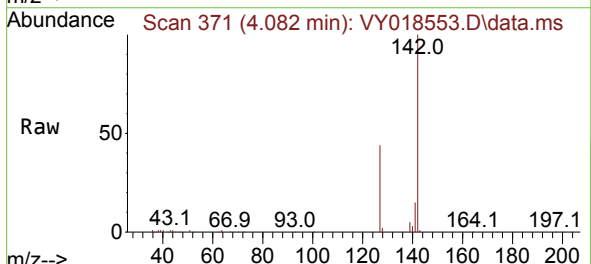
Instrument :  
MSVOA\_Y  
ClientSampleId :

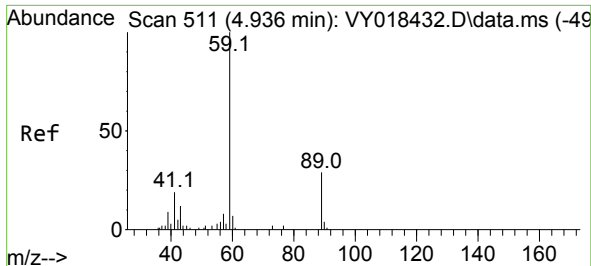
Tgt Ion:101 Resp: 47153  
Ion Ratio Lower Upper  
101 100  
85 49.4 34.5 51.7  
151 70.3 61.7 92.5



#10  
Methyl Iodide  
Concen: 52.260 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.012 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

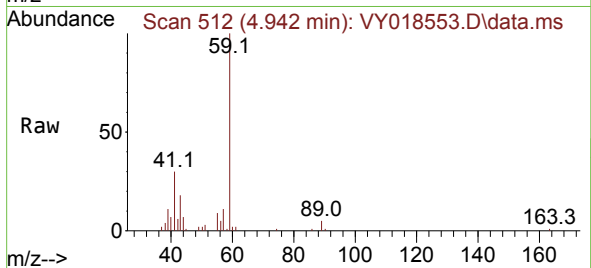
Tgt Ion:142 Resp: 49664  
Ion Ratio Lower Upper  
142 100  
127 44.5 32.8 49.2  
141 15.0 11.4 17.2



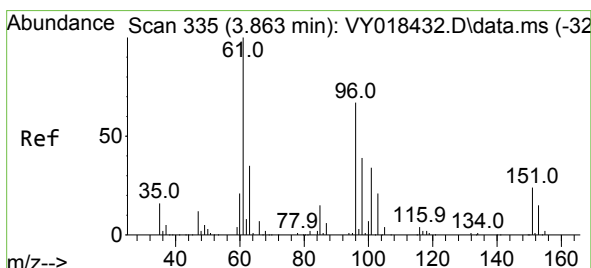
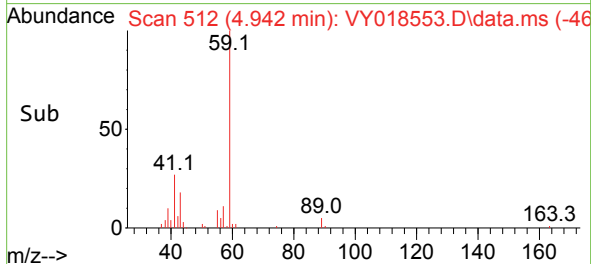
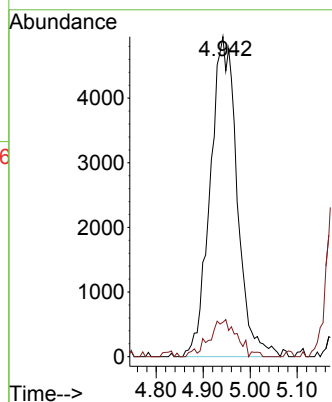


#11  
Tert butyl alcohol  
Concen: 178.315 ug/l  
RT: 4.942 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

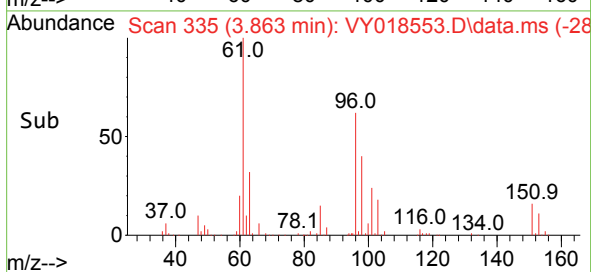
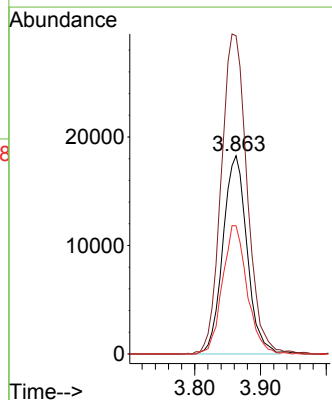
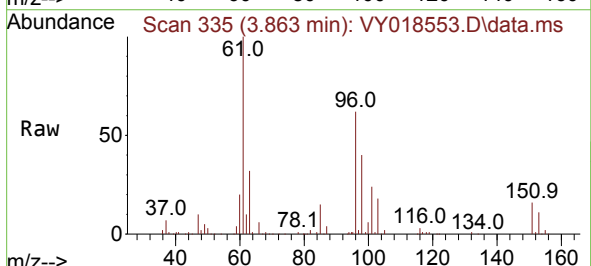


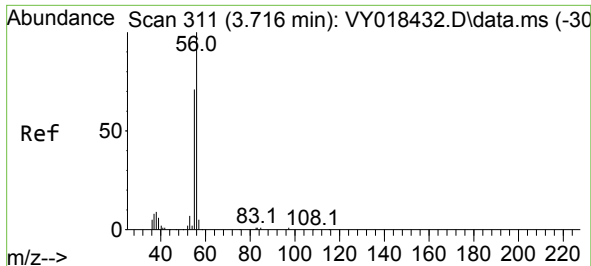
Tgt Ion: 59 Resp: 19698  
Ion Ratio Lower Upper  
59 100  
57 11.8 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 48.975 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 96 Resp: 46573  
Ion Ratio Lower Upper  
96 100  
61 160.5 114.6 171.8  
98 64.6 50.8 76.2

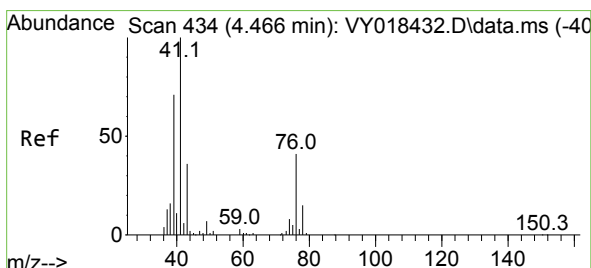
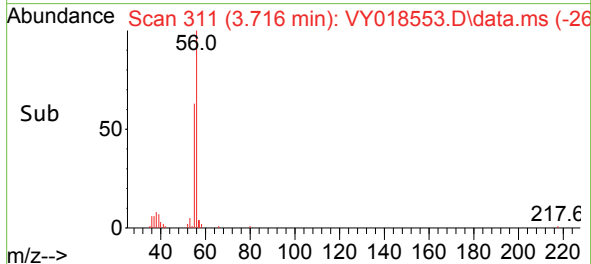
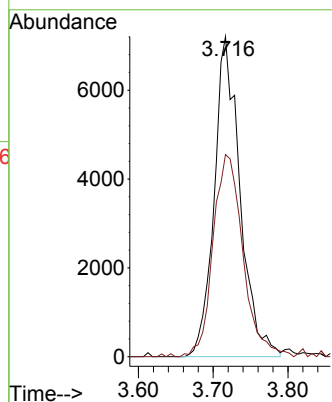
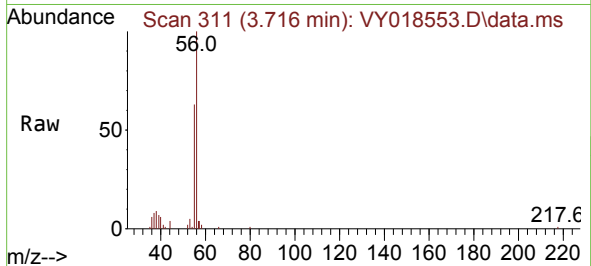




#13  
Acrolein  
Concen: 189.946 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

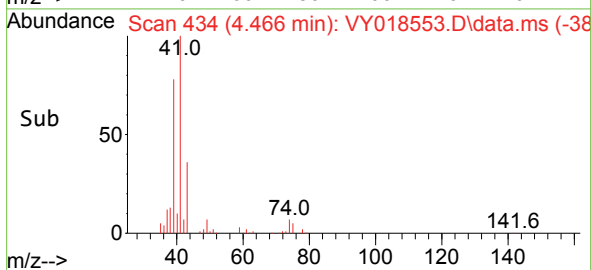
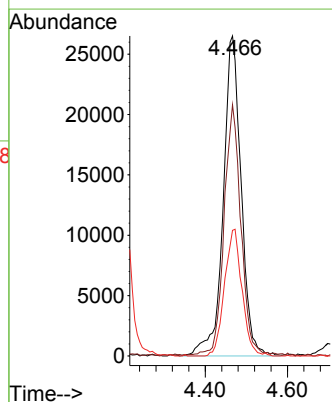
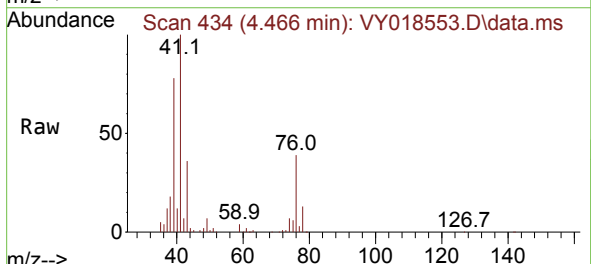
Instrument :  
MSVOA\_Y  
ClientSampleId :

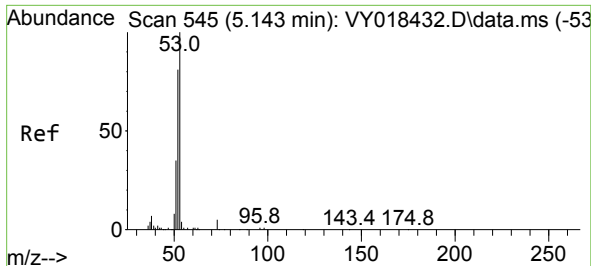
Tgt Ion: 56 Resp: 17308  
Ion Ratio Lower Upper  
56 100  
55 73.0 55.7 83.5



#14  
Allyl chloride  
Concen: 57.767 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

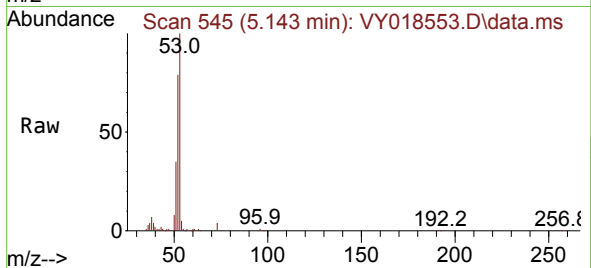
Tgt Ion: 41 Resp: 80454  
Ion Ratio Lower Upper  
41 100  
39 73.0 58.3 87.5  
76 38.5 39.0 58.6#



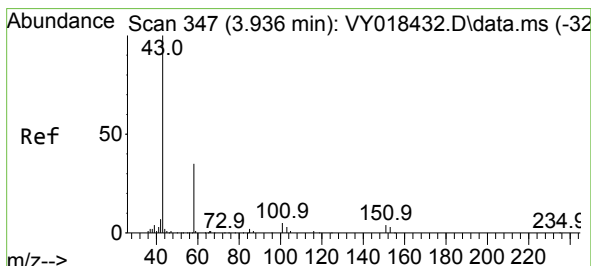
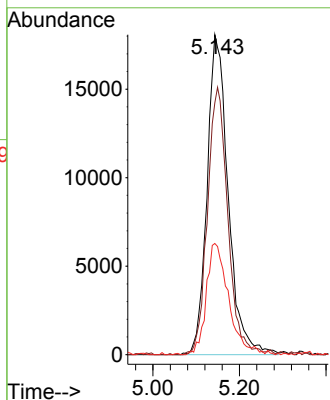
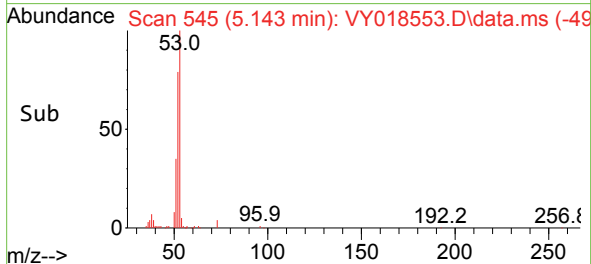


#15  
Acrylonitrile  
Concen: 267.614 ug/l  
RT: 5.143 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

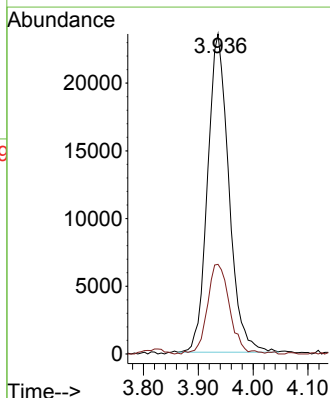
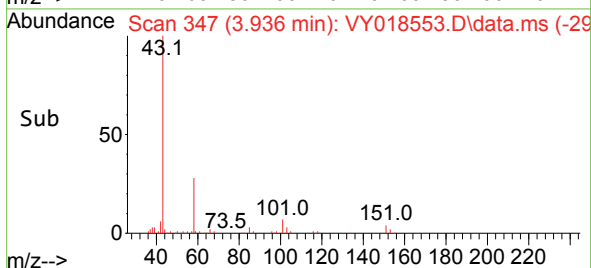
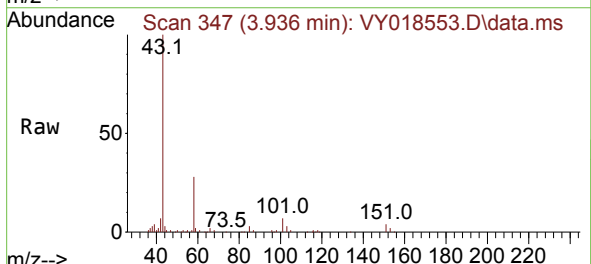


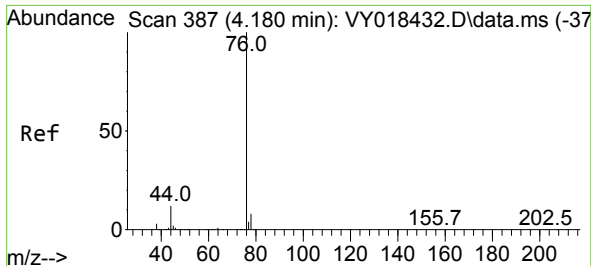
Tgt Ion: 53 Resp: 61185  
Ion Ratio Lower Upper  
53 100  
52 80.6 64.7 97.1  
51 36.7 28.4 42.6



#16  
Acetone  
Concen: 320.074 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 43 Resp: 63241  
Ion Ratio Lower Upper  
43 100  
58 28.1 31.7 47.5#

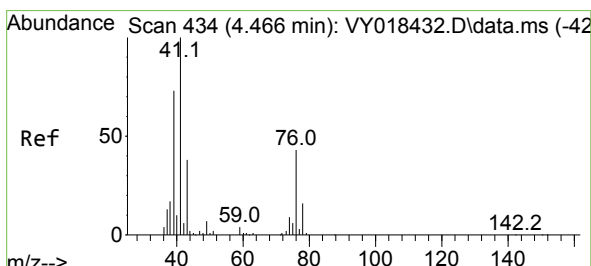
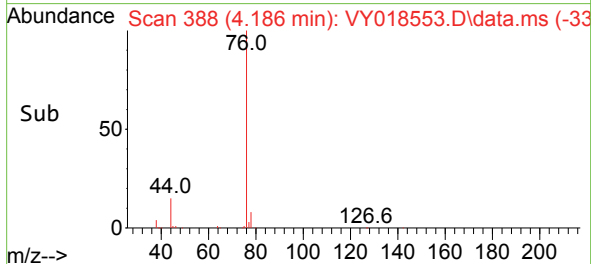
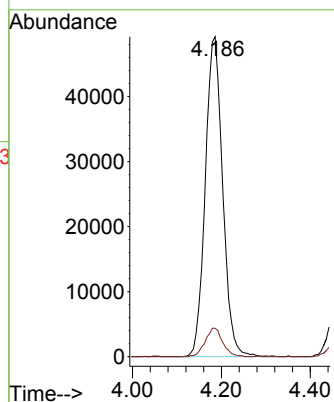
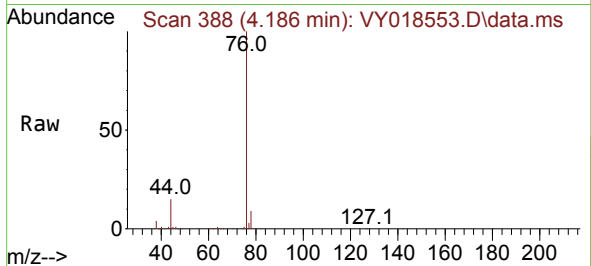




#17  
Carbon Disulfide  
Concen: 48.043 ug/l  
RT: 4.186 min Scan# 387  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

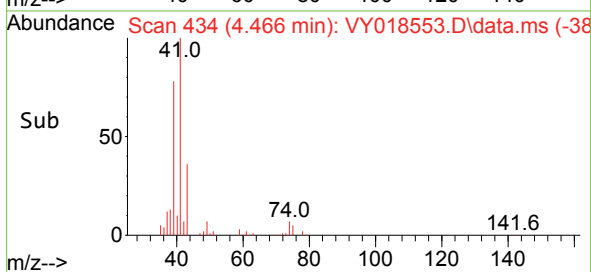
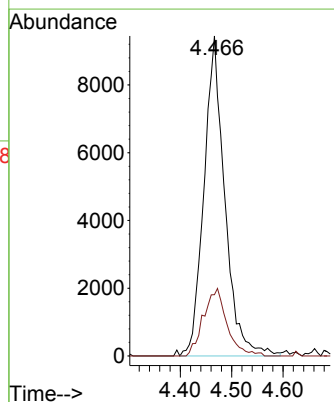
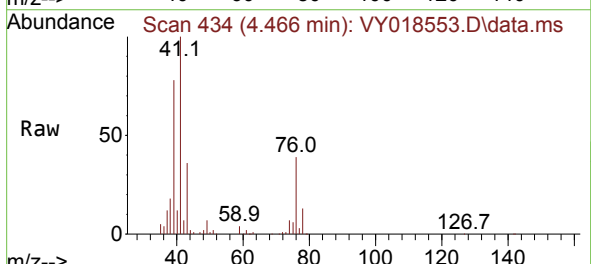
Instrument :  
MSVOA\_Y  
ClientSampleId :

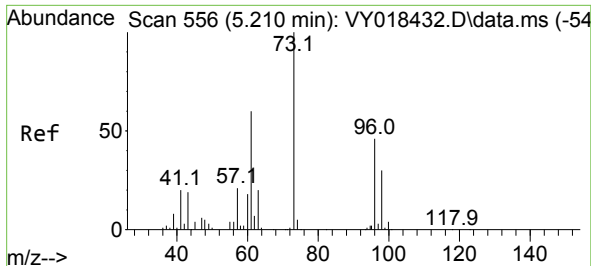
Tgt Ion: 76 Resp: 134023  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.8 10.2



#18  
Methyl Acetate  
Concen: 53.837 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 43 Resp: 26600  
Ion Ratio Lower Upper  
43 100  
74 23.9 23.3 34.9

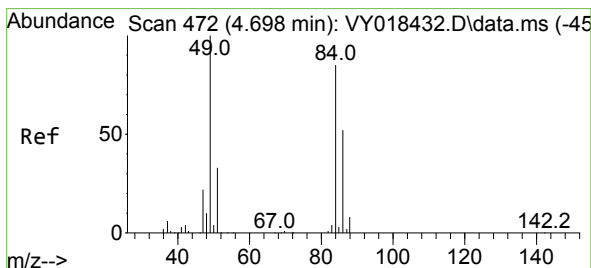
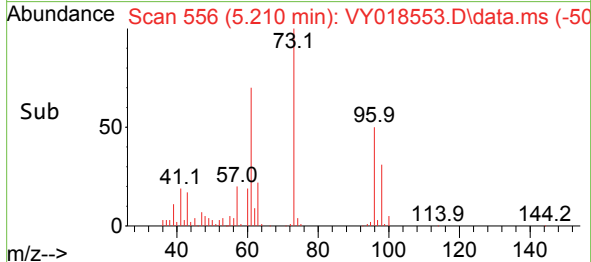
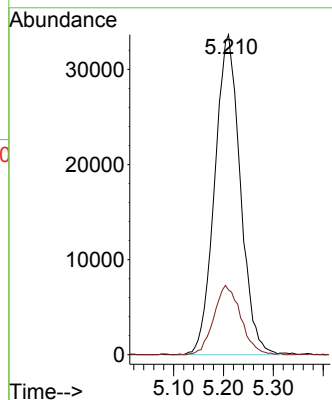
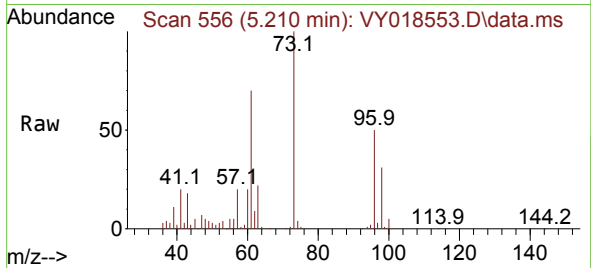




#19  
Methyl tert-butyl Ether  
Concen: 52.258 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

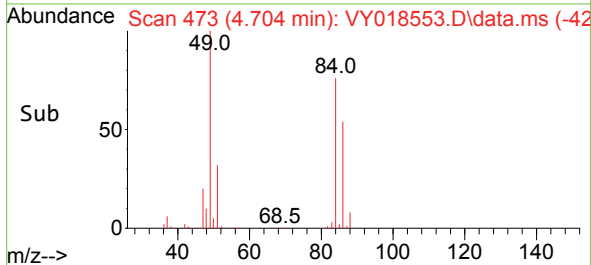
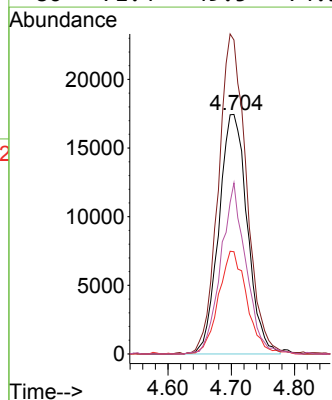
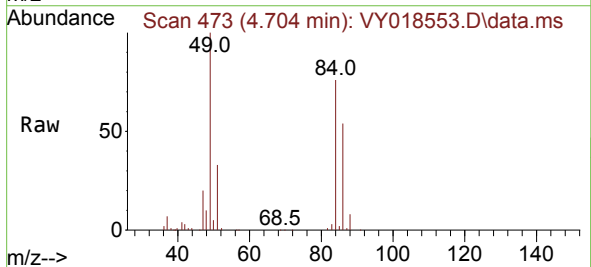
Instrument :  
MSVOA\_Y  
ClientSampleId :

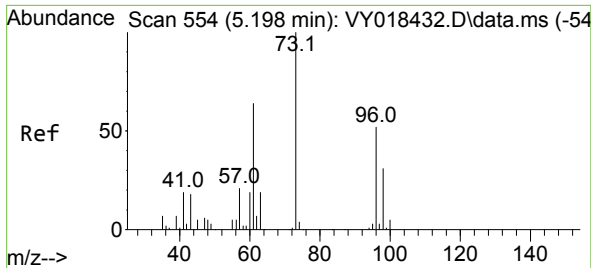
Tgt Ion: 73 Resp: 119769  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 49.994 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 84 Resp: 54330  
Ion Ratio Lower Upper  
84 100  
49 130.4 84.4 126.6#  
51 42.7 26.0 39.0#  
86 71.4 49.5 74.3

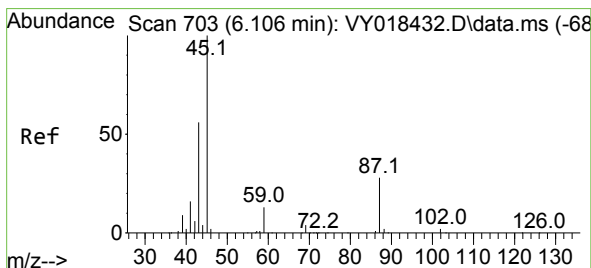
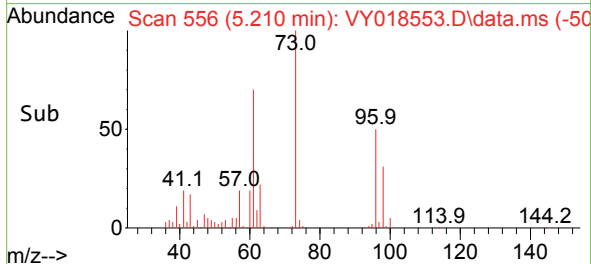
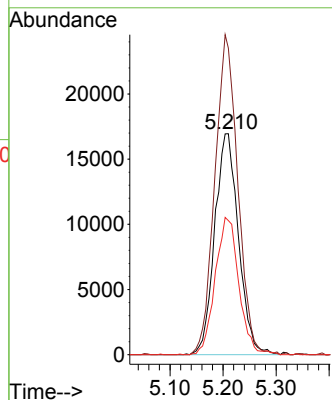
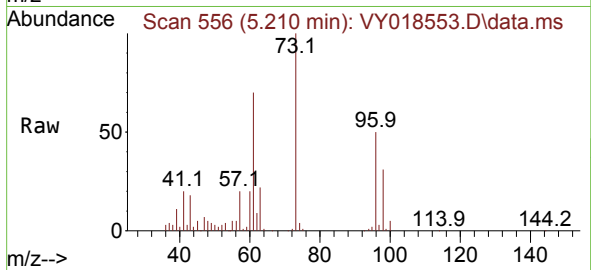




#21  
trans-1,2-Dichloroethene  
Concen: 51.992 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

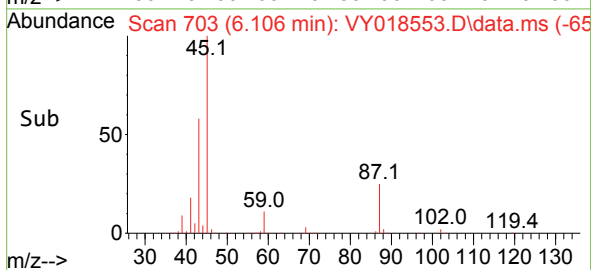
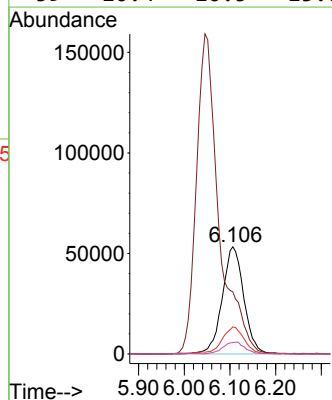
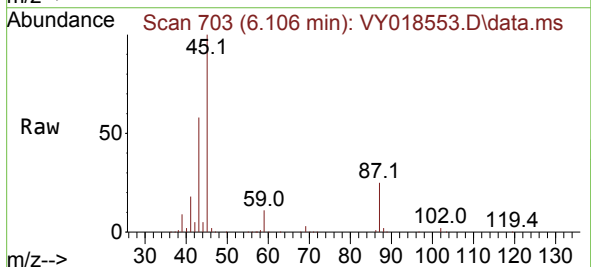
Instrument :  
MSVOA\_Y  
ClientSampleId :

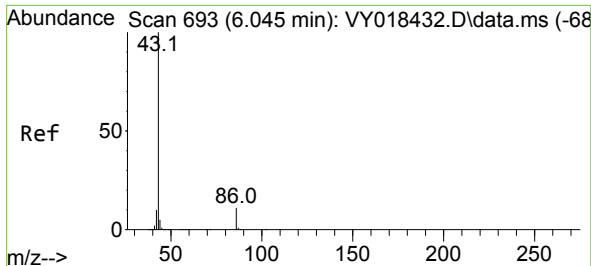
Tgt Ion: 96 Resp: 52763  
Ion Ratio Lower Upper  
96 100  
61 138.7 97.5 146.3  
98 60.7 50.5 75.7



#22  
Diisopropyl ether  
Concen: 61.590 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 45 Resp: 174686  
Ion Ratio Lower Upper  
45 100  
43 56.9 42.2 63.2  
87 25.0 25.0 37.6#  
59 10.4 10.5 15.7#

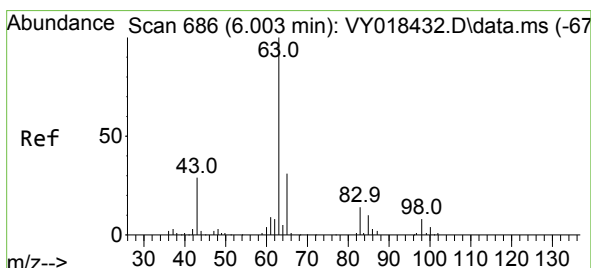
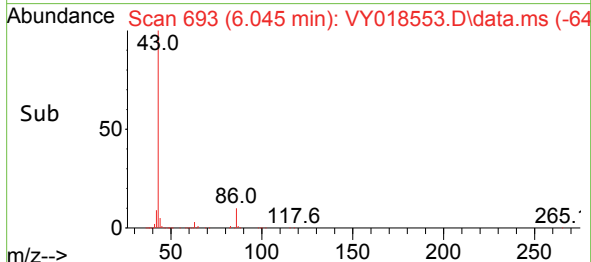
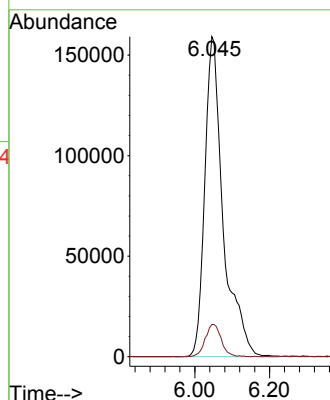
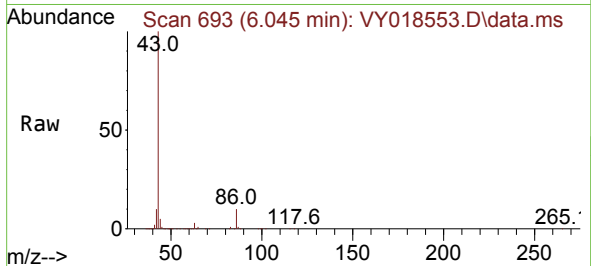




#23  
 Vinyl Acetate  
 Concen: 294.705 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. -0.000 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

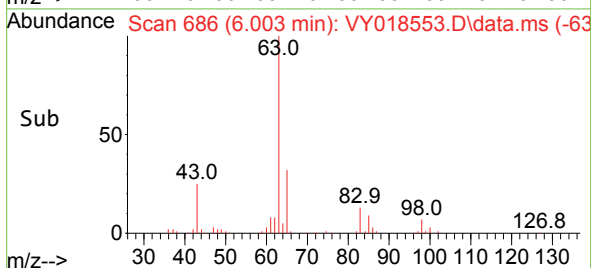
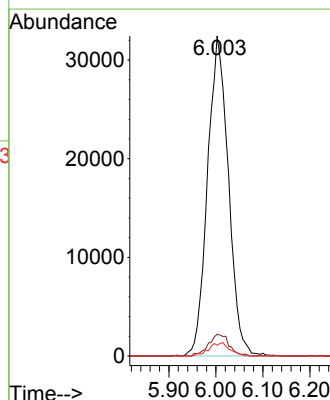
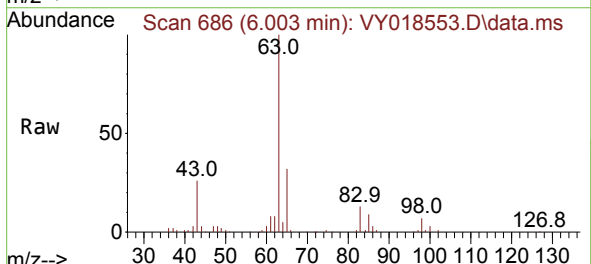
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 543989  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 10.6 16.0#

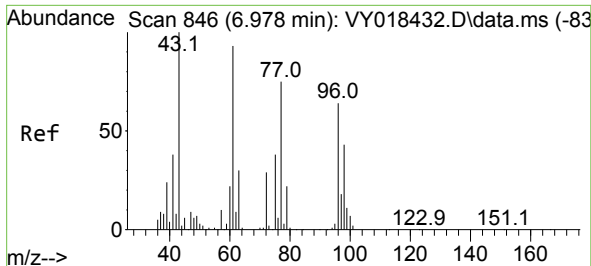


#24  
 1,1-Dichloroethane  
 Concen: 56.522 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.000 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

Tgt Ion: 63 Resp: 99992  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 4.0 12.2  
 100 3.4 2.6 8.0







#25

2-Butanone

Concen: 287.390 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

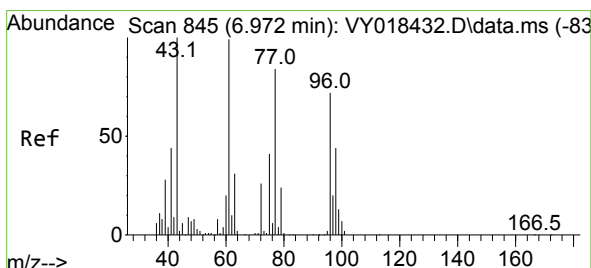
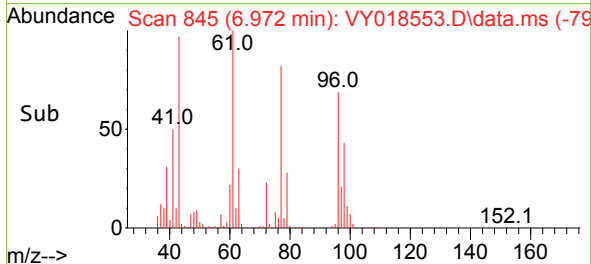
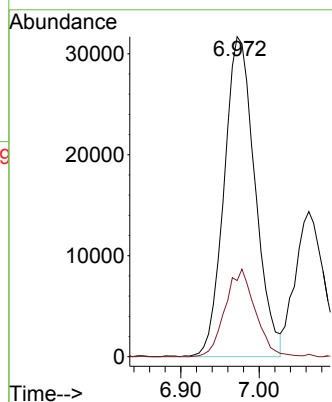
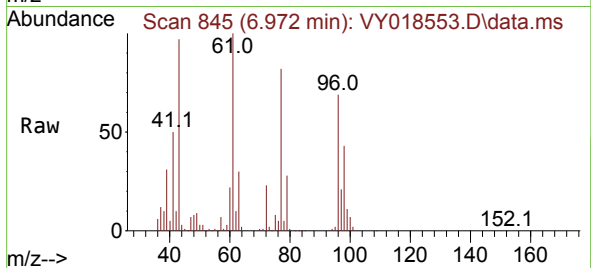
ClientSampleId :

Tgt Ion: 43 Resp: 86989

Ion Ratio Lower Upper

43 100

72 23.8 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 52.873 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018553.D

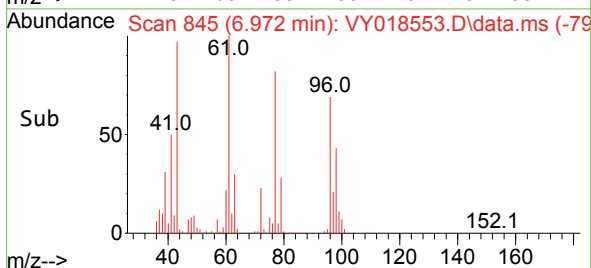
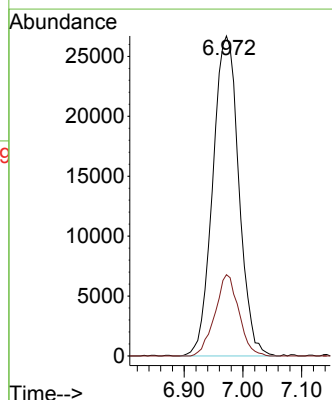
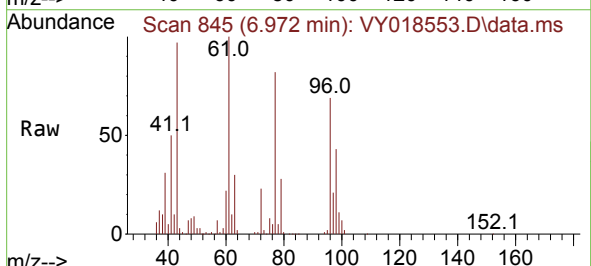
Acq: 11 Jun 2024 13:15

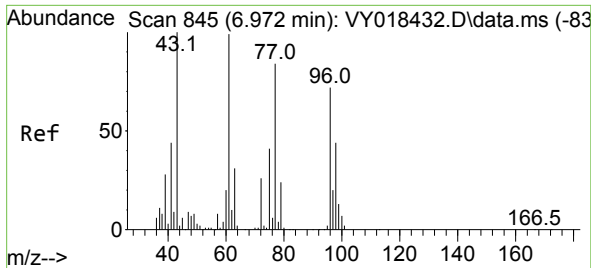
Tgt Ion: 77 Resp: 82211

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.837 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

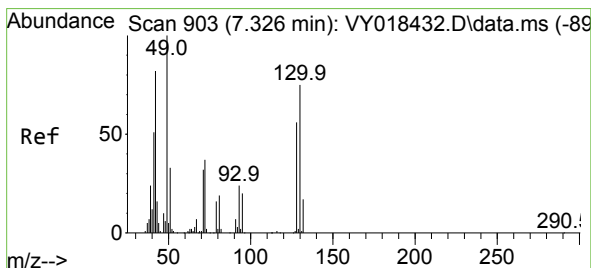
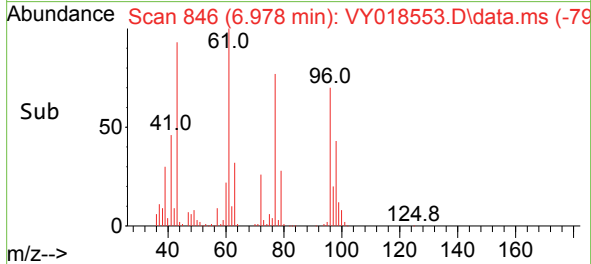
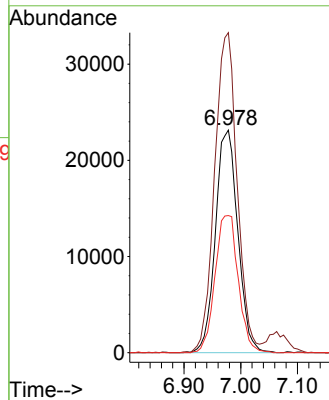
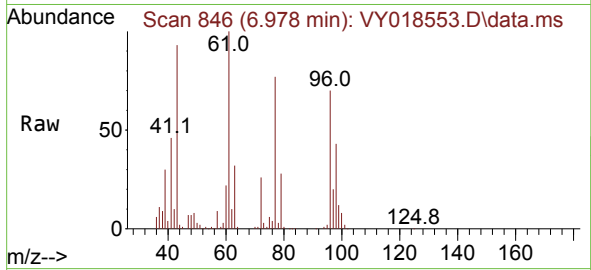
Tgt Ion: 96 Resp: 63553

Ion Ratio Lower Upper

96 100

61 144.5 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 54.055 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

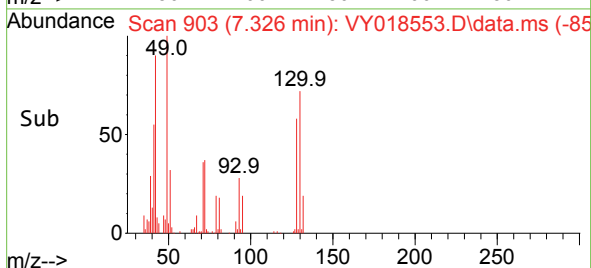
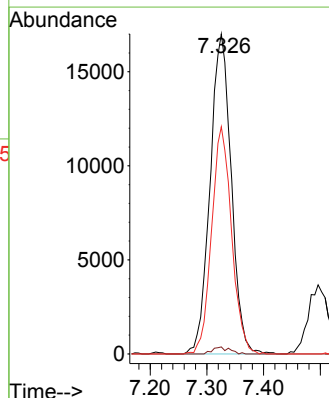
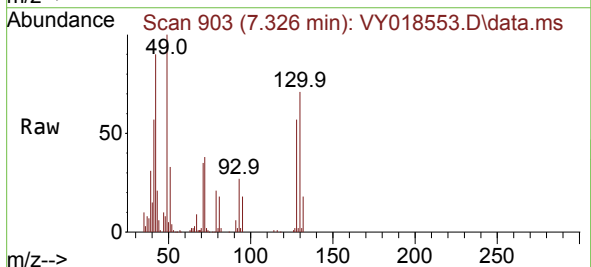
Tgt Ion: 49 Resp: 44006

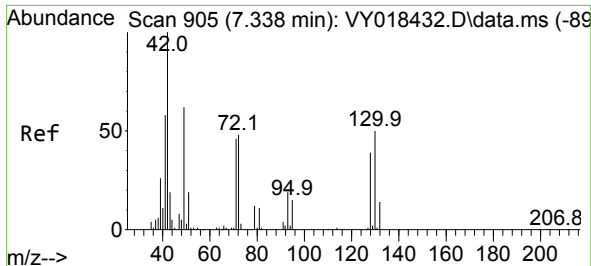
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

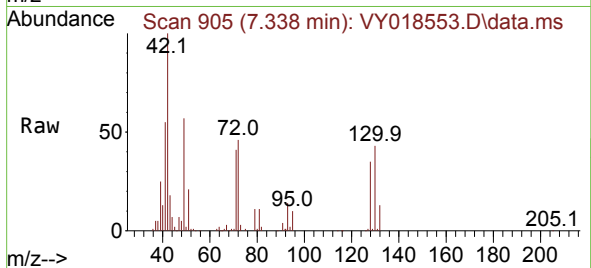
130 67.2 72.7 109.1#



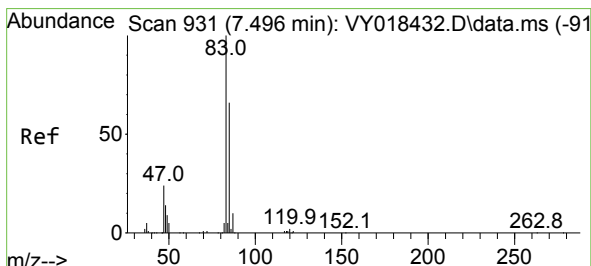
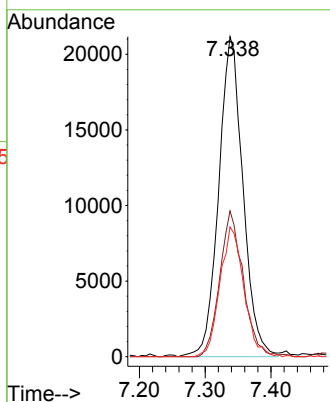
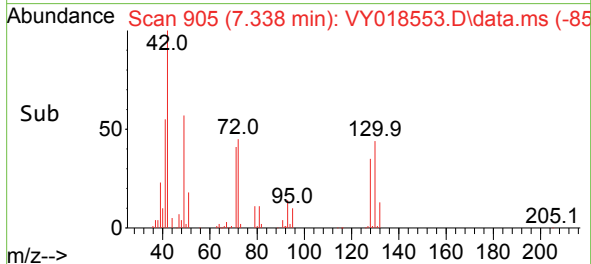


#29  
Tetrahydrofuran  
Concen: 276.138 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

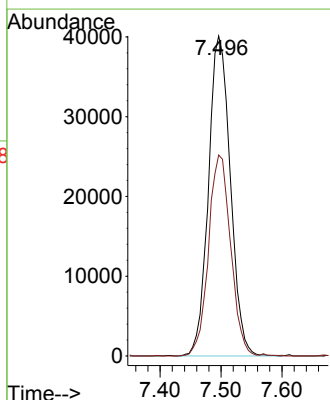
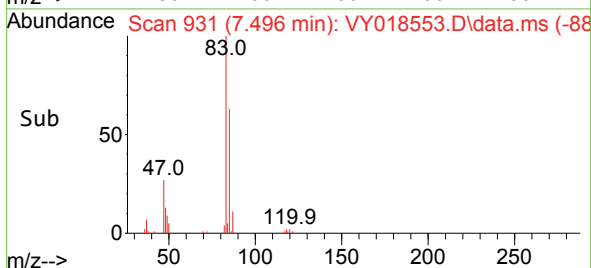
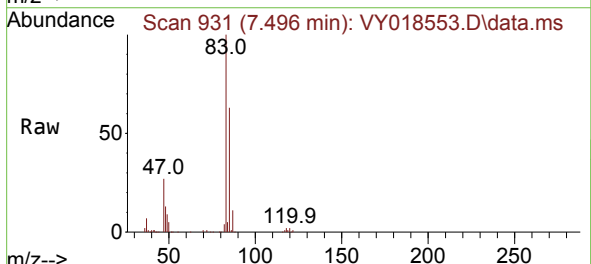


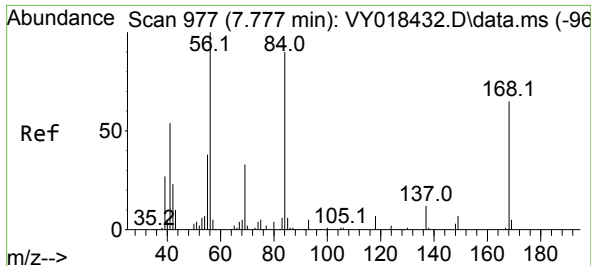
Tgt Ion: 42 Resp: 54282  
Ion Ratio Lower Upper  
42 100  
72 44.0 43.0 64.4  
71 40.1 40.8 61.2#



#30  
Chloroform  
Concen: 56.446 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

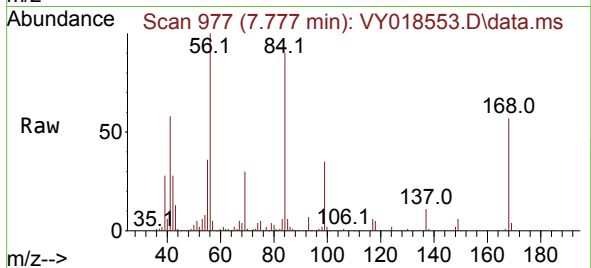
Tgt Ion: 83 Resp: 100154  
Ion Ratio Lower Upper  
83 100  
85 62.8 52.2 78.4



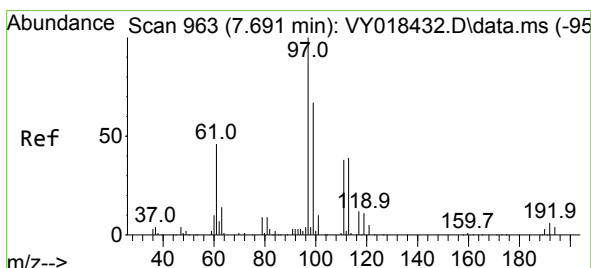
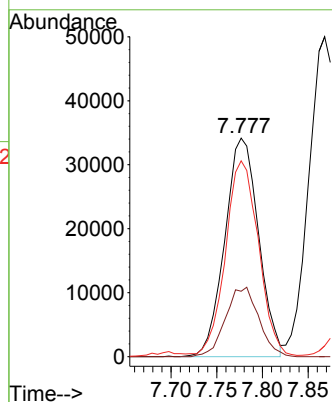
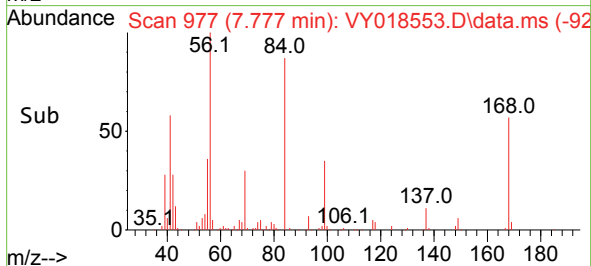


#31  
Cyclohexane  
Concen: 52.937 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

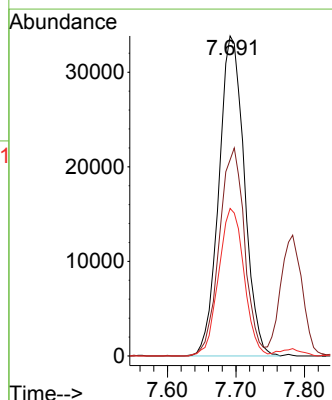
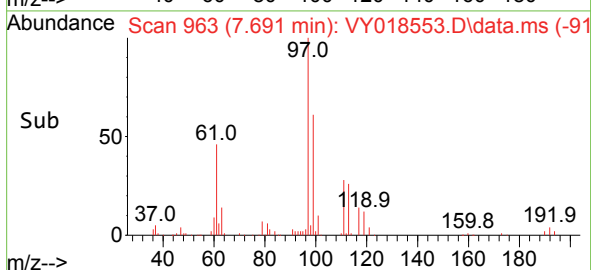
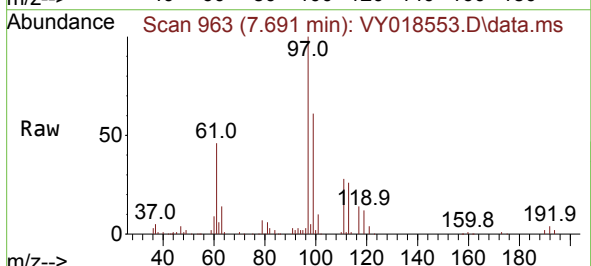


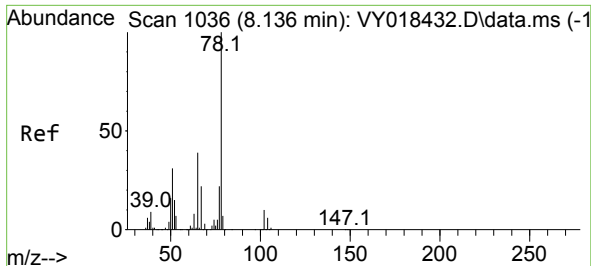
Tgt Ion: 56 Resp: 87865  
Ion Ratio Lower Upper  
56 100  
69 29.9 28.7 43.1  
84 87.9 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 55.995 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 97 Resp: 87019  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.3 75.5  
61 46.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.408 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

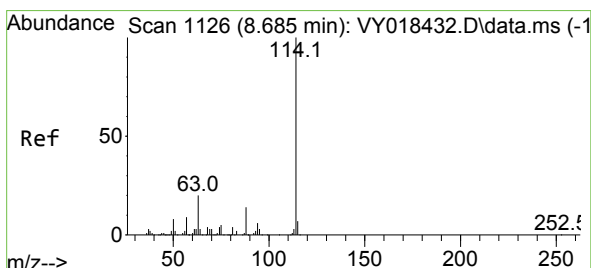
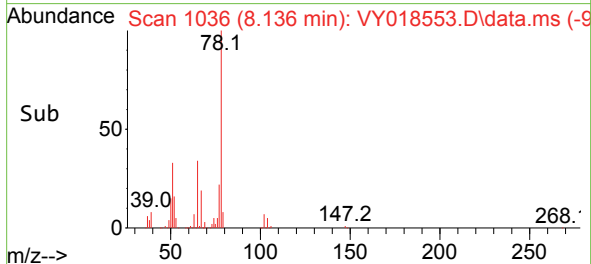
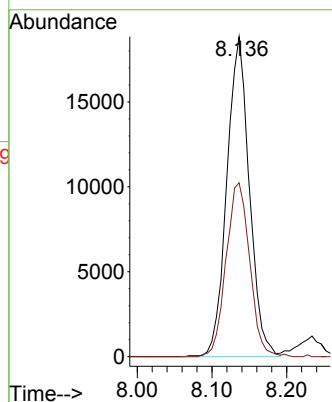
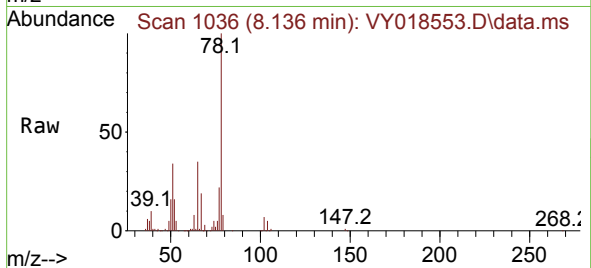
ClientSampleId :

Tgt Ion: 65 Resp: 39532

Ion Ratio Lower Upper

65 100

67 57.0 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: VY018553.D

Acq: 11 Jun 2024 13:15

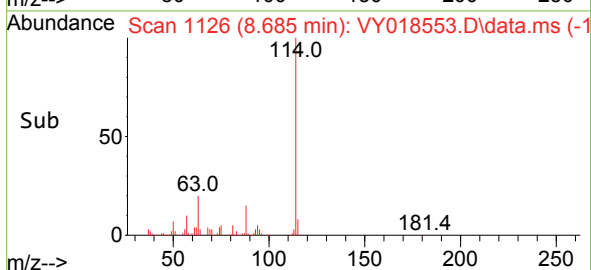
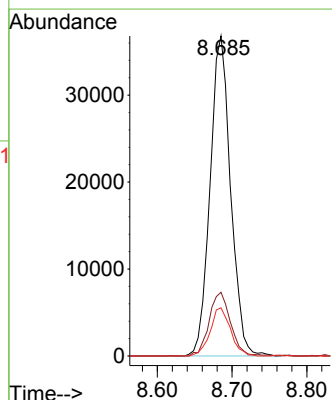
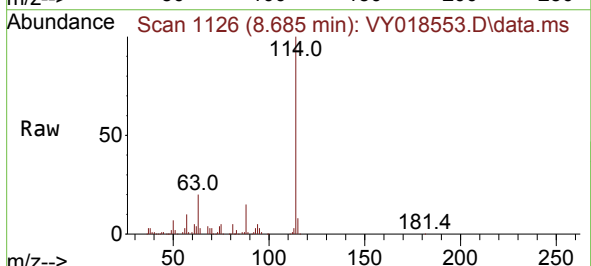
Tgt Ion: 114 Resp: 70293

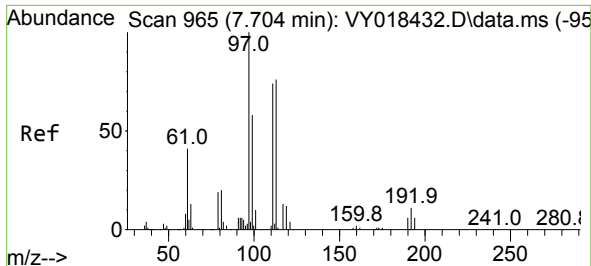
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.0 0.0 27.2

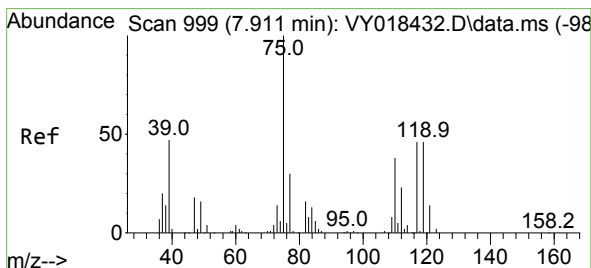
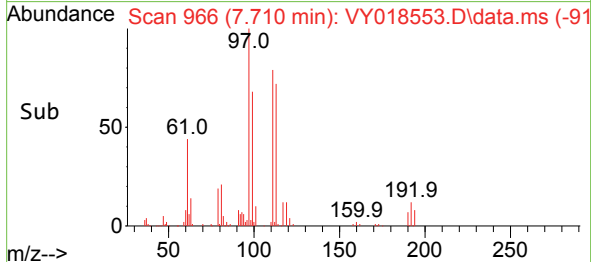
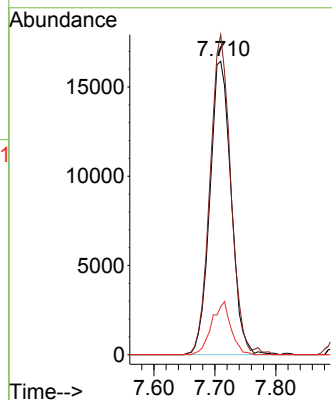
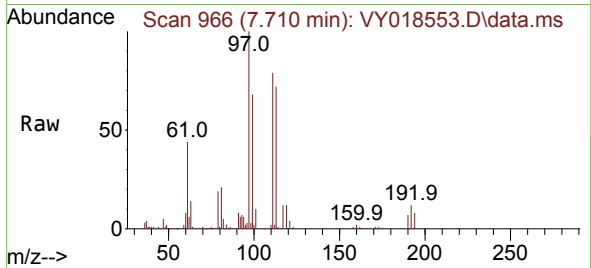




#35  
Dibromofluoromethane  
Concen: 44.740 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

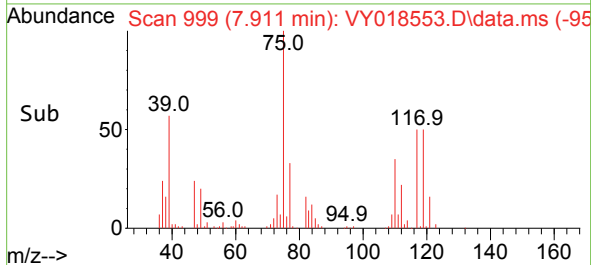
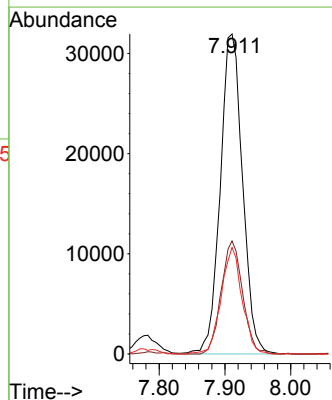
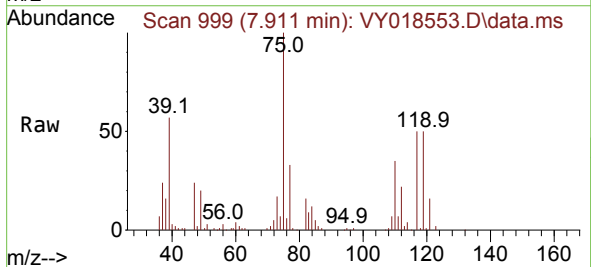
Instrument :  
MSVOA\_Y  
ClientSampleId :

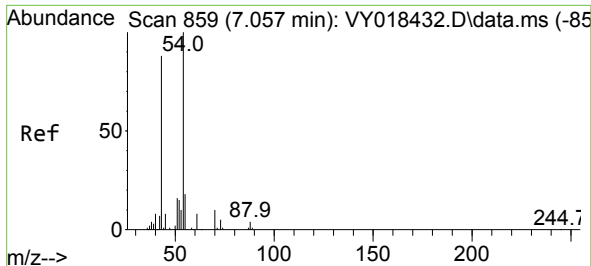
Tgt Ion:113 Resp: 39880  
Ion Ratio Lower Upper  
113 100  
111 106.5 82.2 123.4  
192 16.4 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 55.442 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 75 Resp: 75352  
Ion Ratio Lower Upper  
75 100  
110 33.8 19.0 57.0  
77 31.4 25.3 37.9

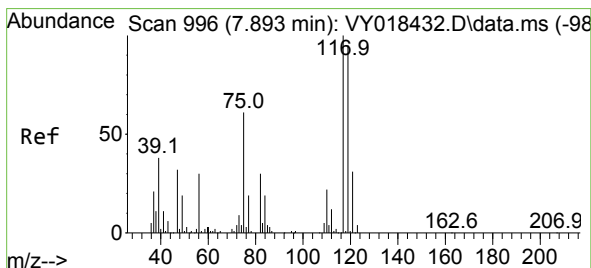
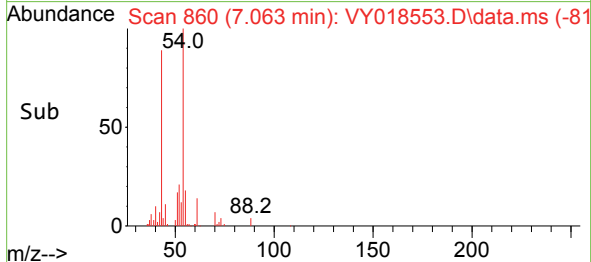
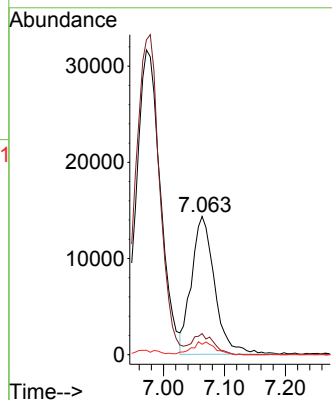
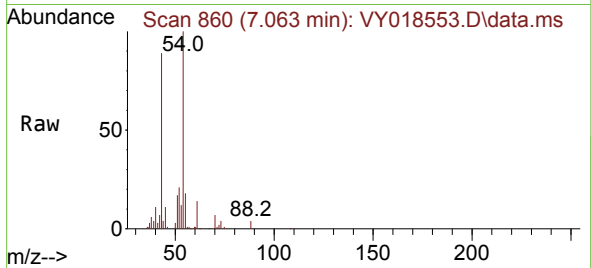




#37  
Ethyl Acetate  
Concen: 55.882 ug/l  
RT: 7.063 min Scan# 859  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

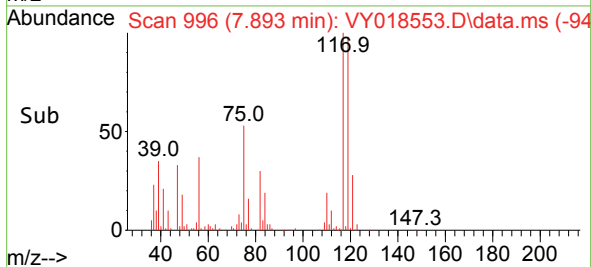
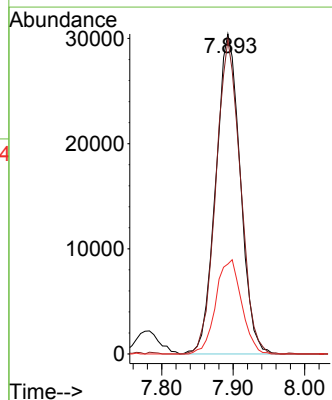
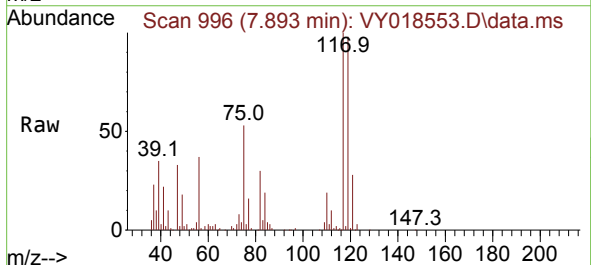
Instrument :  
MSVOA\_Y  
ClientSampleId :

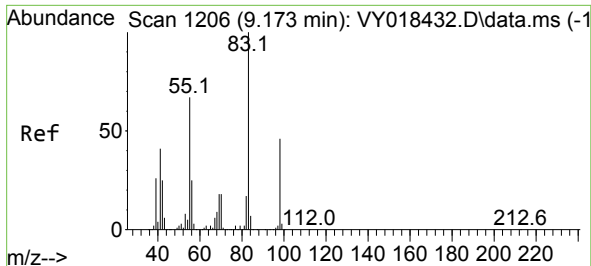
Tgt Ion: 43 Resp: 37942  
Ion Ratio Lower Upper  
43 100  
61 14.4 12.6 19.0  
70 9.2 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 53.037 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 117 Resp: 72234  
Ion Ratio Lower Upper  
117 100  
119 98.2 75.8 113.6  
121 28.1 24.0 36.0





#39

Methylcyclohexane

Concen: 52.910 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

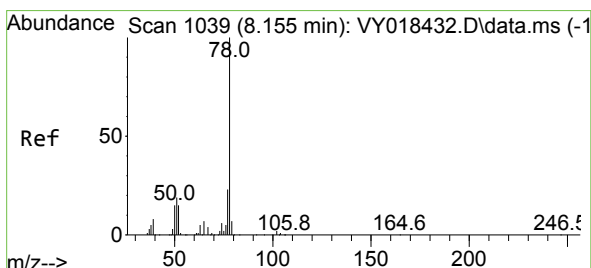
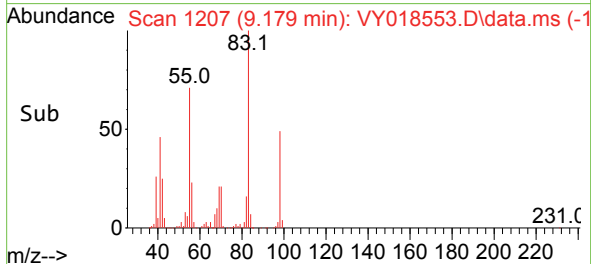
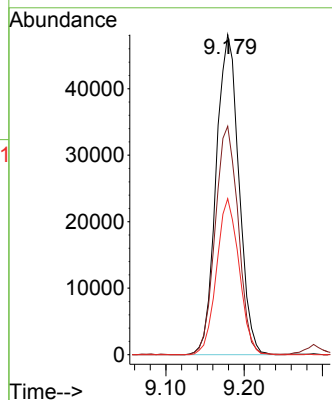
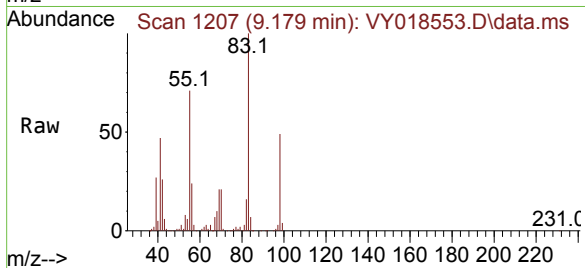
Tgt Ion: 83 Resp: 97213

Ion Ratio Lower Upper

83 100

55 71.4 51.5 77.3

98 48.8 40.5 60.7



#40

Benzene

Concen: 56.694 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018553.D

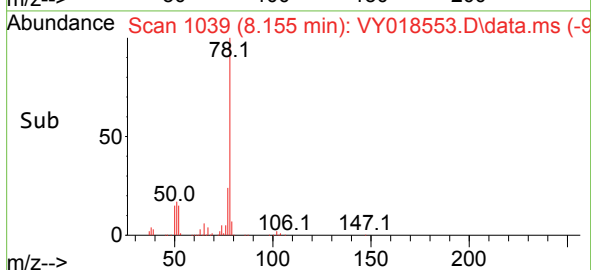
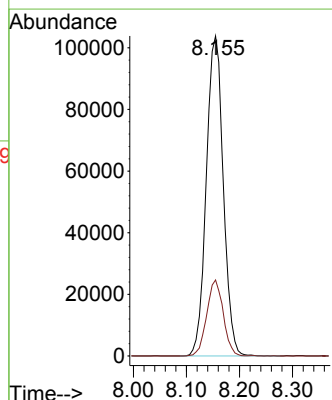
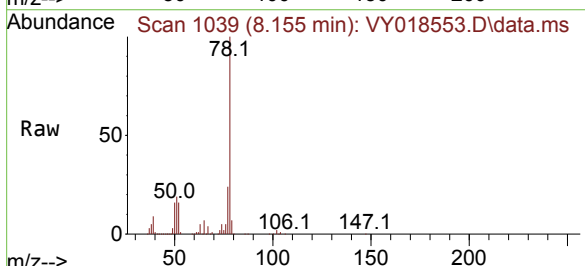
Acq: 11 Jun 2024 13:15

Tgt Ion: 78 Resp: 230875

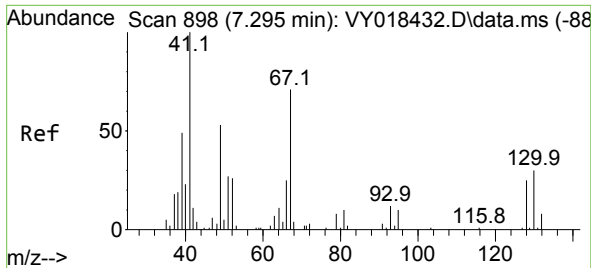
Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3



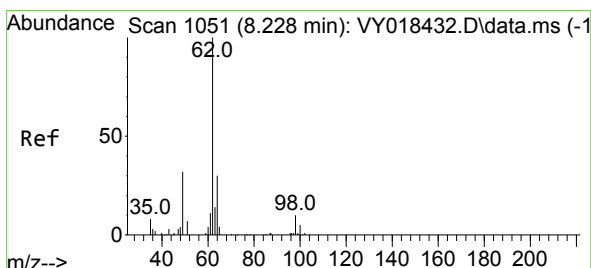
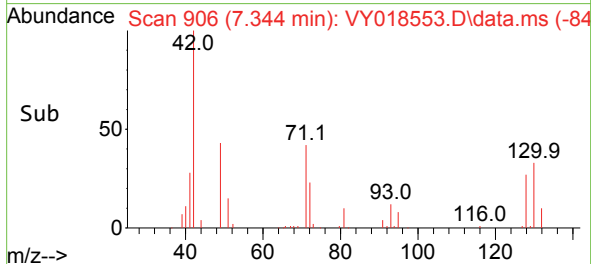
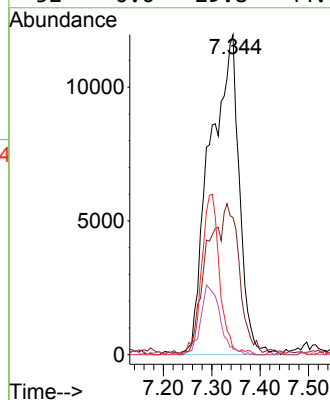
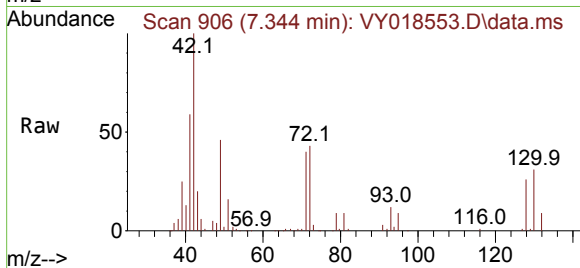




#41  
Methacrylonitrile  
Concen: 152.208 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.049 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

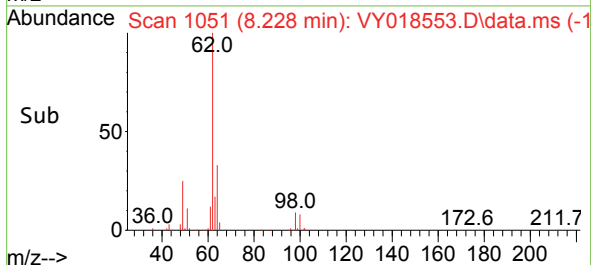
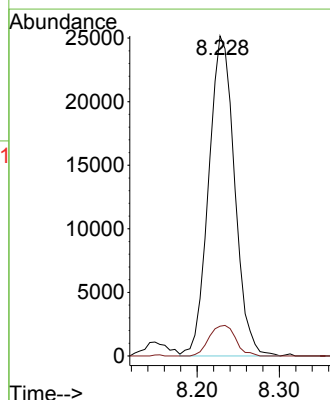
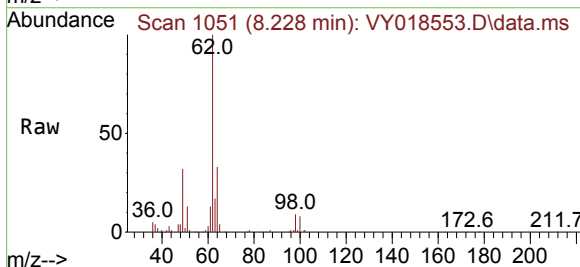
Instrument :  
MSVOA\_Y  
ClientSampleId :

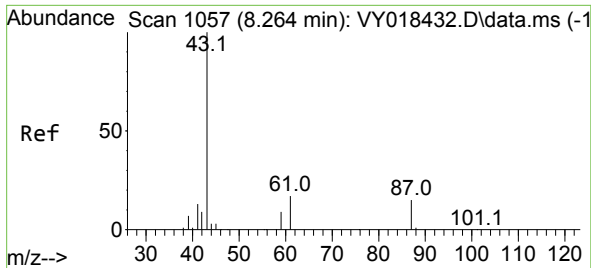
Tgt Ion: 41 Resp: 50268  
Ion Ratio Lower Upper  
41 100  
39 50.5 48.0 72.0  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#



#42  
1,2-Dichloroethane  
Concen: 55.628 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 62 Resp: 55074  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 22.0

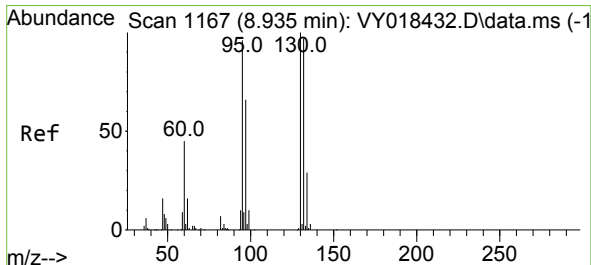
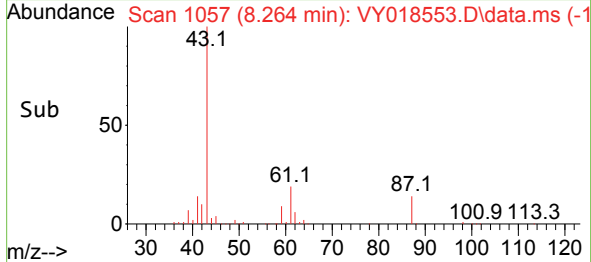
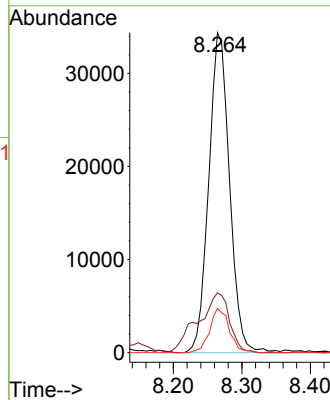
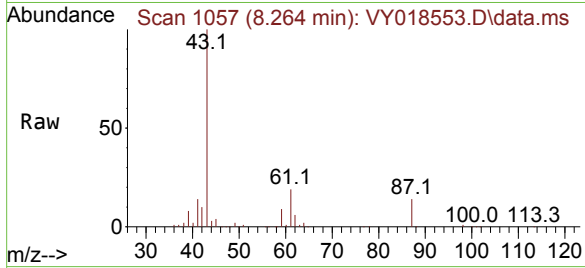




#43  
Isopropyl Acetate  
Concen: 57.191 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

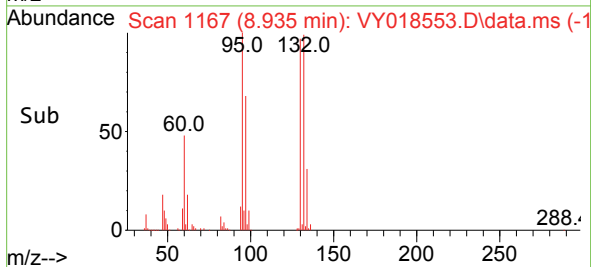
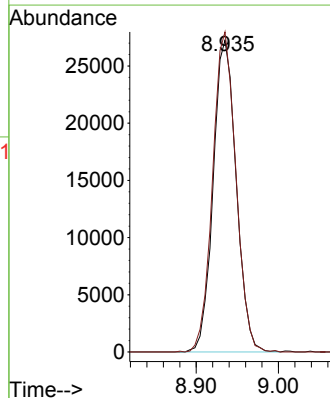
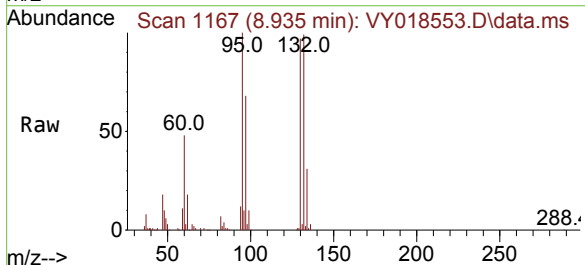
Instrument :  
MSVOA\_Y  
ClientSampleId :

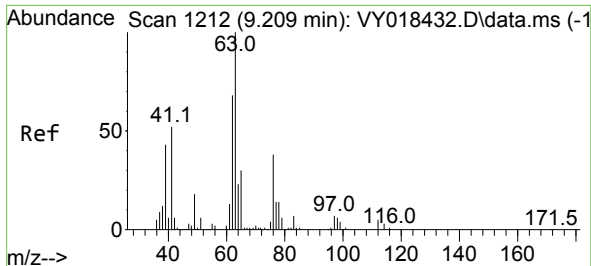
Tgt Ion: 43 Resp: 72607  
Ion Ratio Lower Upper  
43 100  
61 28.1 27.9 41.9  
87 13.1 13.1 19.7#



#44  
Trichloroethene  
Concen: 52.508 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion:130 Resp: 52989  
Ion Ratio Lower Upper  
130 100  
95 102.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 58.542 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

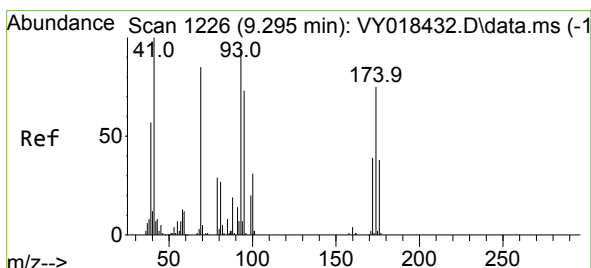
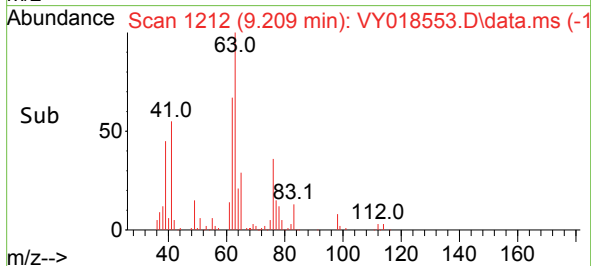
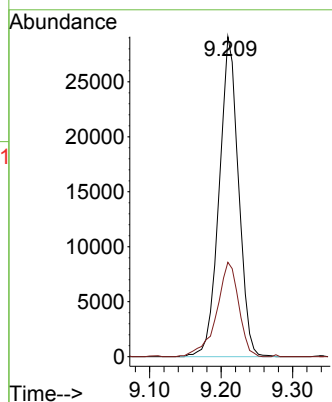
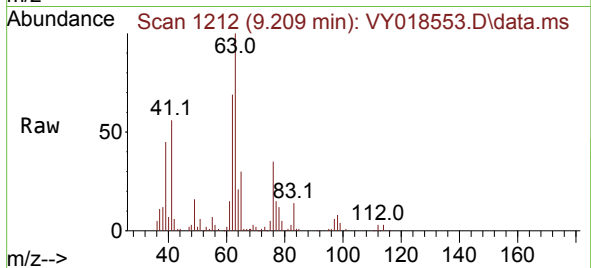
ClientSampleId :

Tgt Ion: 63 Resp: 54521

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 54.055 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

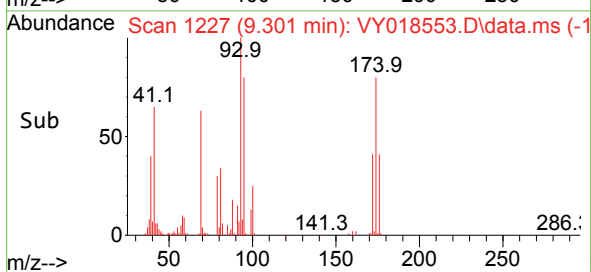
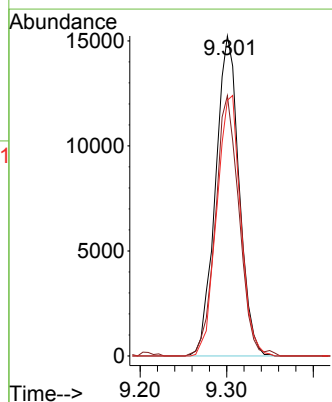
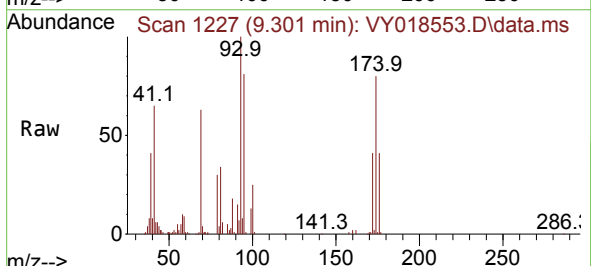
Tgt Ion: 93 Resp: 28863

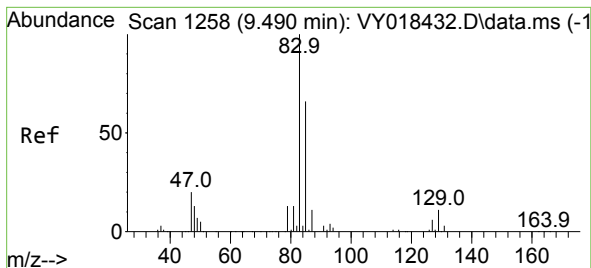
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 82.4 80.9 121.3





#47

Bromodichloromethane

Concen: 55.977 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

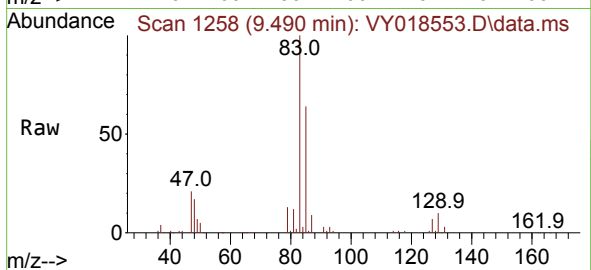
Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :



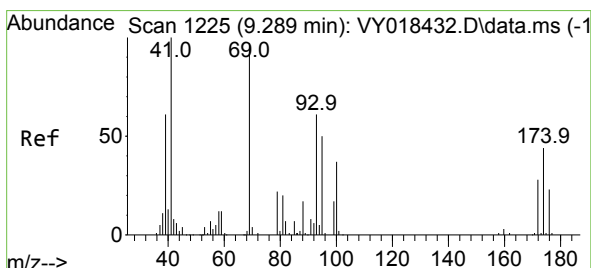
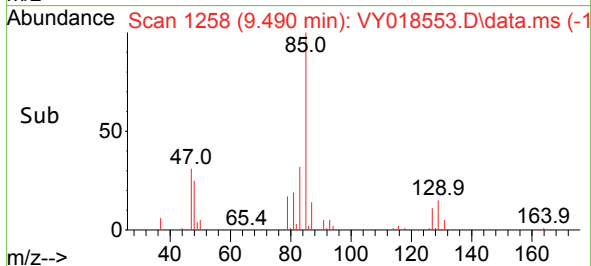
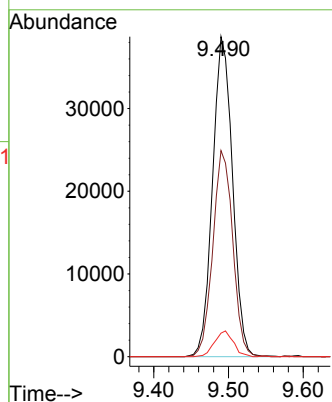
Tgt Ion: 83 Resp: 71748

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 7.4 7.4 11.0#



#48

Methyl methacrylate

Concen: 55.594 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

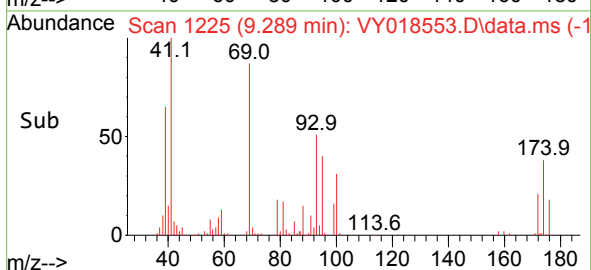
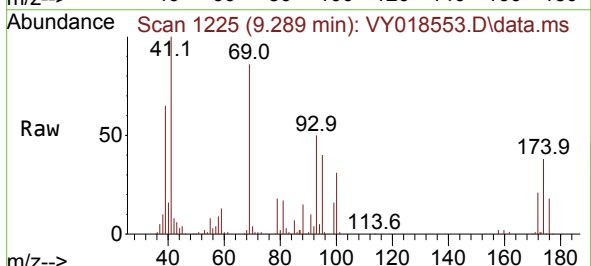
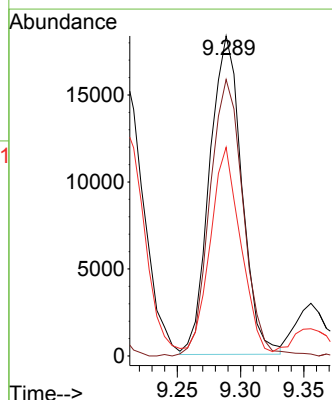
Tgt Ion: 41 Resp: 32473

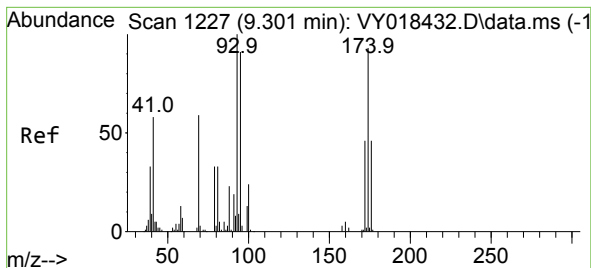
Ion Ratio Lower Upper

41 100

69 89.9 84.1 126.1

39 59.4 43.6 65.4





#49

1,4-Dioxane

Concen: 1033.387 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

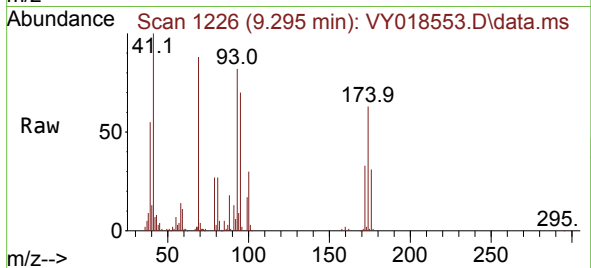
Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :



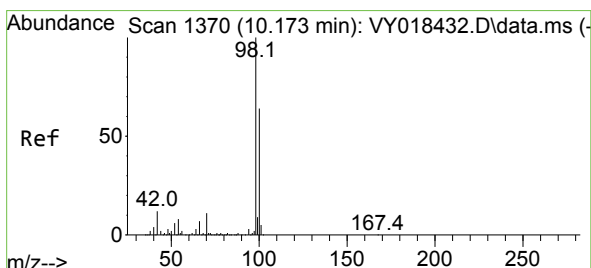
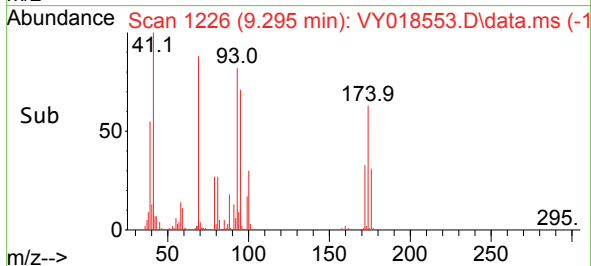
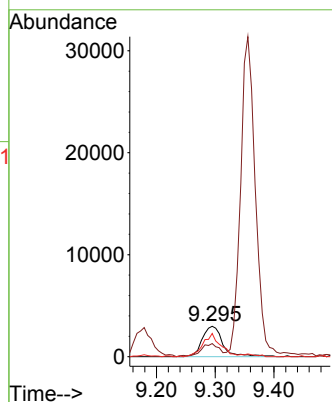
Tgt Ion: 88 Resp: 7246

Ion Ratio Lower Upper

88 100

43 37.5 0.0 0.0#

58 65.7 49.3 73.9



#50

Toluene-d8

Concen: 45.801 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018553.D

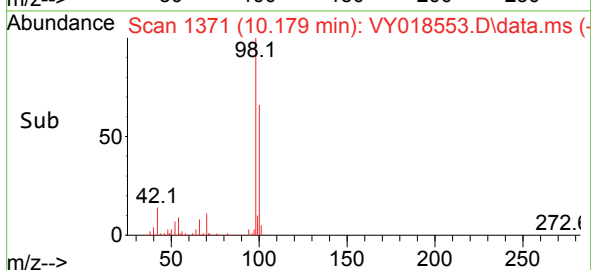
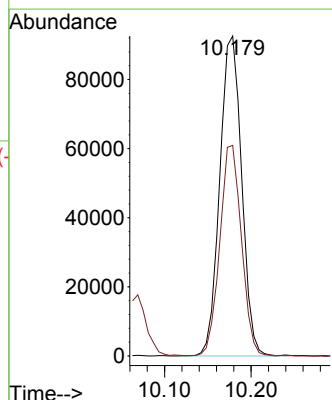
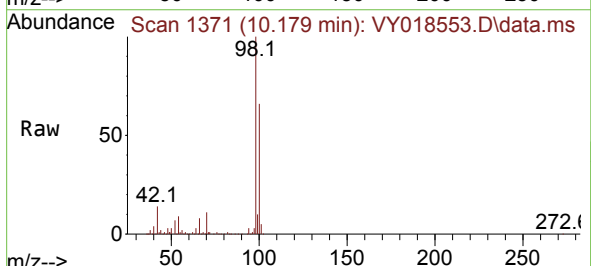
Acq: 11 Jun 2024 13:15

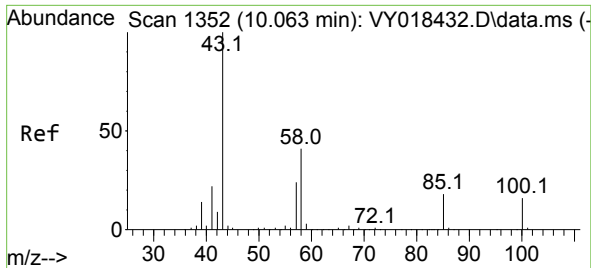
Tgt Ion: 98 Resp: 162413

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

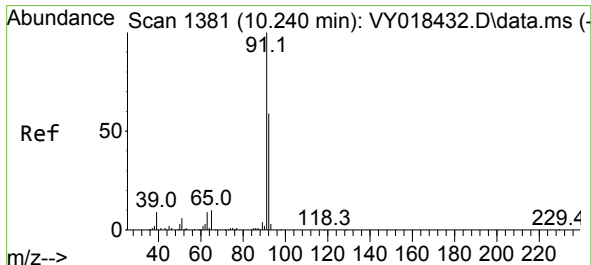
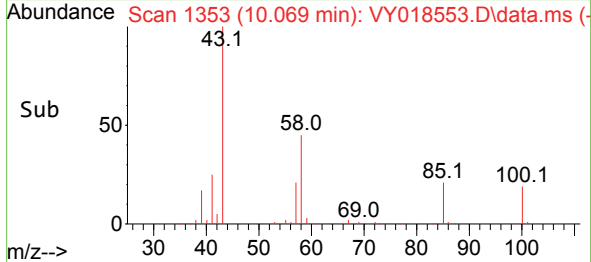
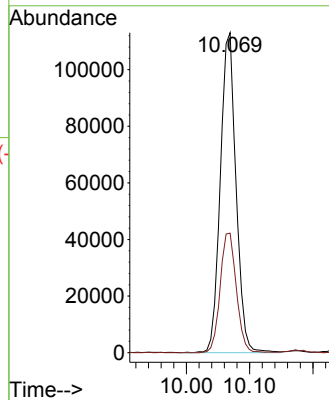
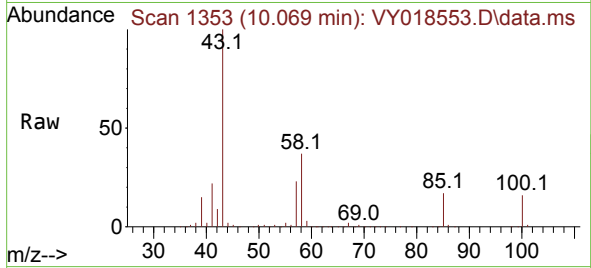




#51  
4-Methyl-2-Pentanone  
Concen: 294.159 ug/l  
RT: 10.069 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

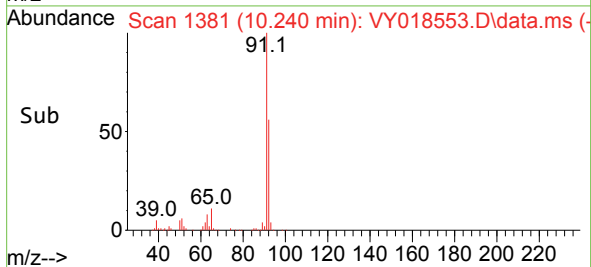
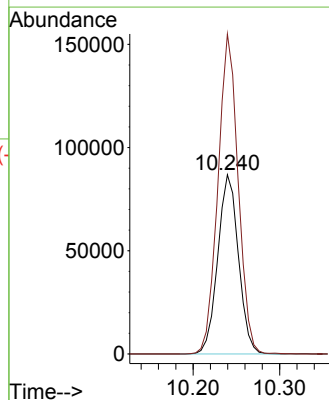
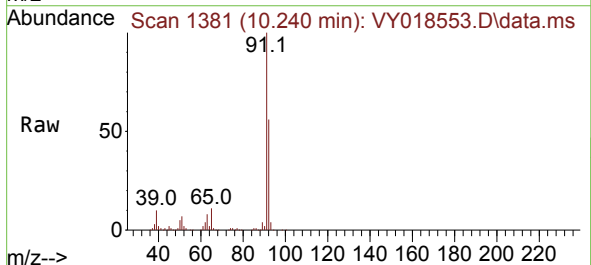
Instrument :  
MSVOA\_Y  
ClientSampleId :

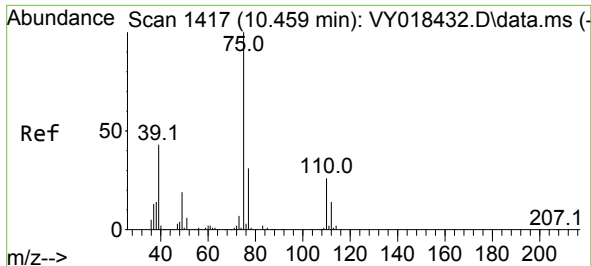
Tgt Ion: 43 Resp: 193918  
Ion Ratio Lower Upper  
43 100  
58 38.6 35.7 53.5



#52  
Toluene  
Concen: 57.500 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 92 Resp: 144018  
Ion Ratio Lower Upper  
92 100  
91 174.5 139.0 208.6

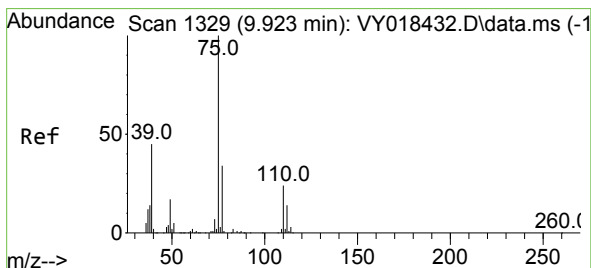
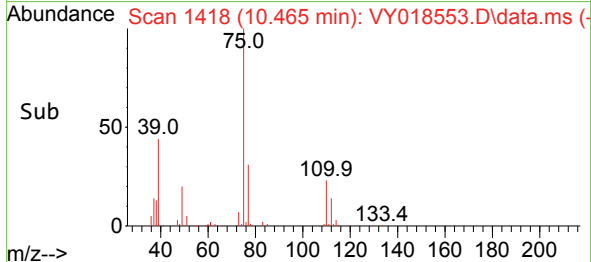
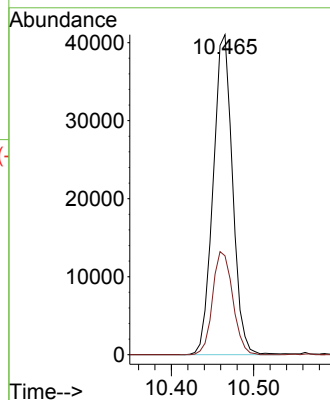
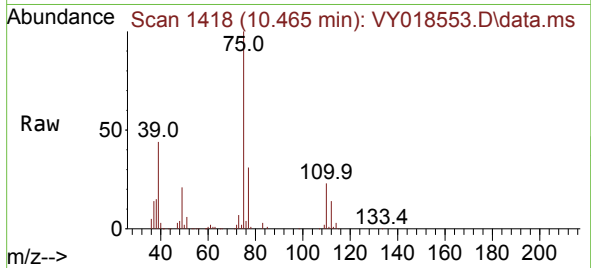




#53  
 t-1,3-Dichloropropene  
 Concen: 57.170 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

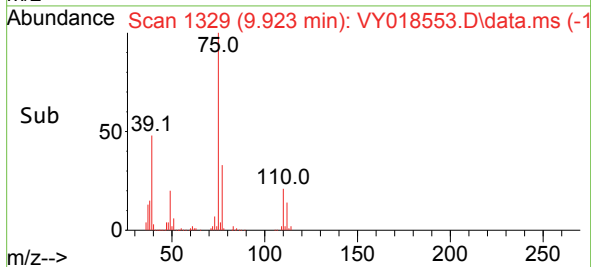
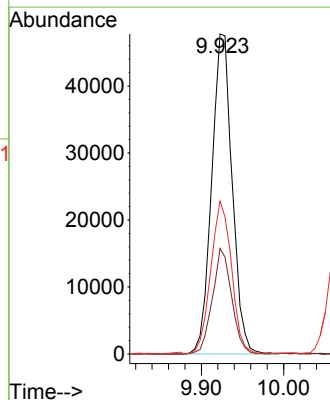
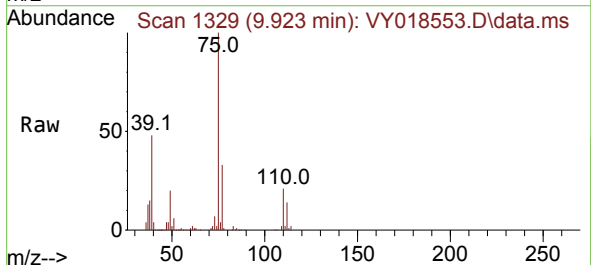
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

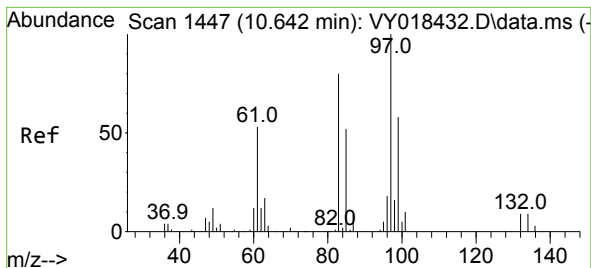
Tgt Ion: 75 Resp: 67292  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 57.088 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

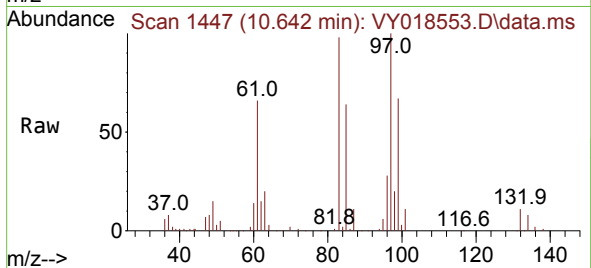
Tgt Ion: 75 Resp: 82736  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.4 38.0  
 39 47.4 29.8 44.6#





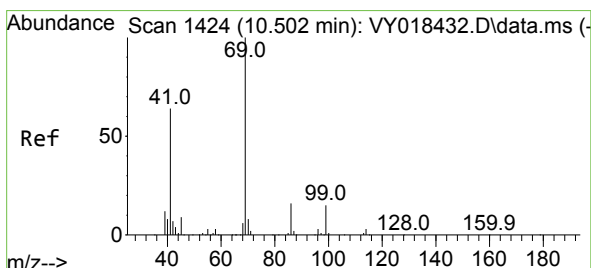
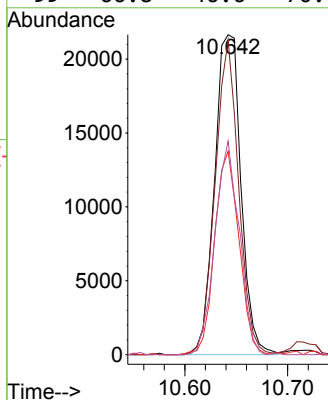
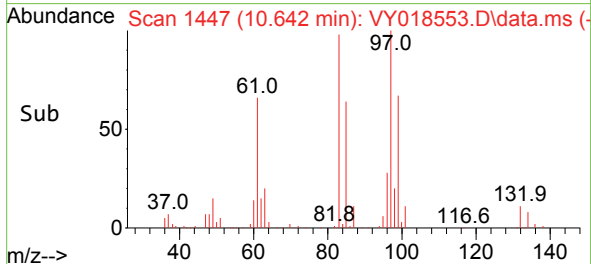
#55  
1,1,2-Trichloroethane  
Concen: 55.779 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

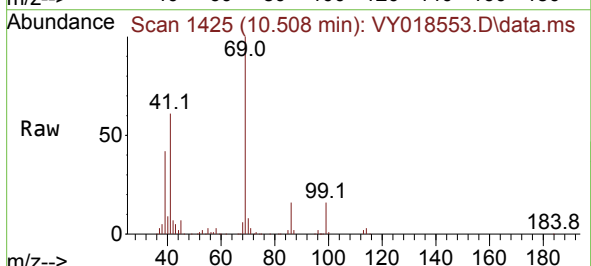


Tgt Ion: 97 Resp: 38749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 98.3  | 67.5  | 101.3 |
| 85  | 63.6  | 42.9  | 64.3  |
| 99  | 66.8  | 46.6  | 70.0  |

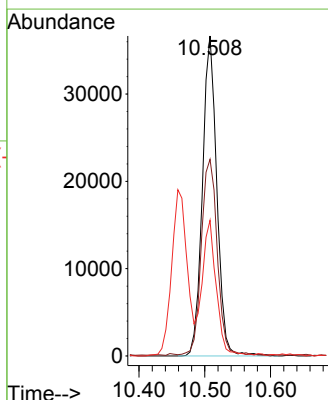
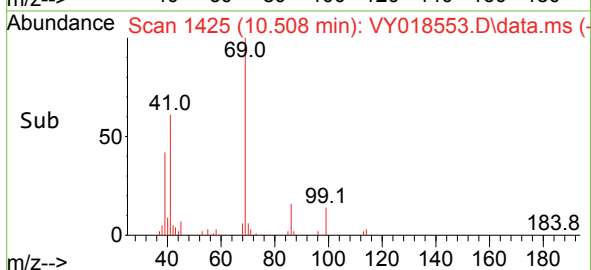


#56  
Ethyl methacrylate  
Concen: 57.181 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

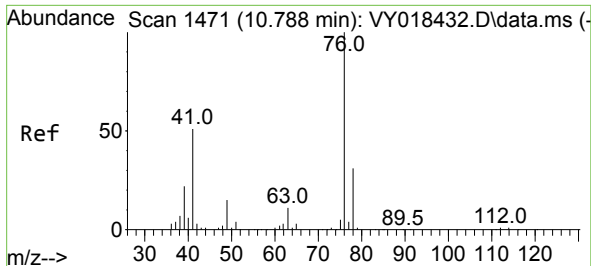


Tgt Ion: 69 Resp: 55898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.0  | 42.3  | 63.5# |
| 39  | 41.1  | 22.9  | 34.3# |



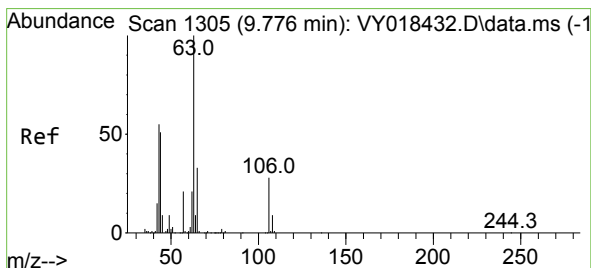
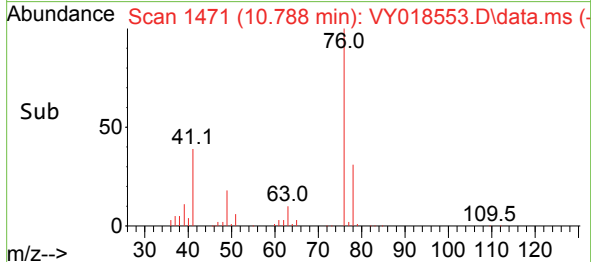
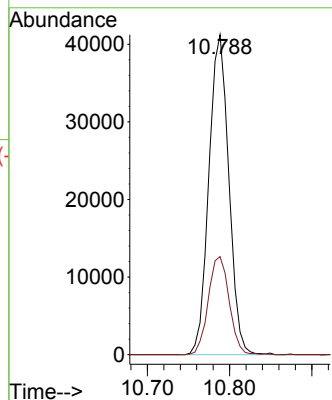
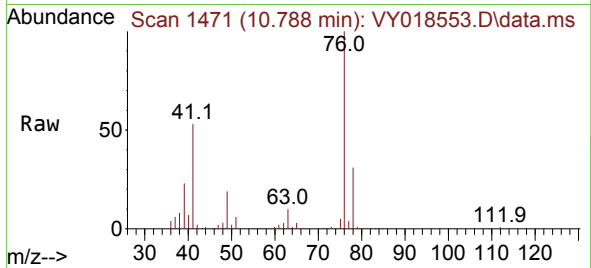




#57  
1,3-Dichloropropane  
Concen: 58.997 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

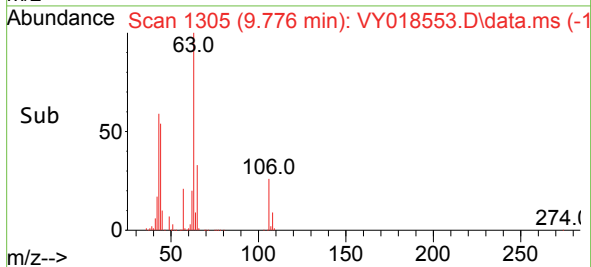
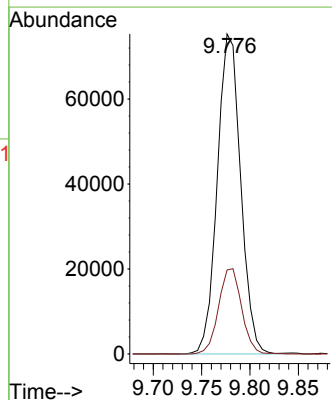
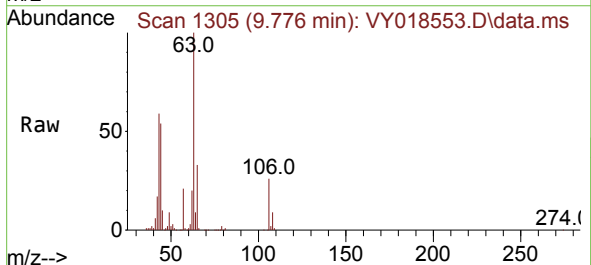
Instrument :  
MSVOA\_Y  
ClientSampleId :

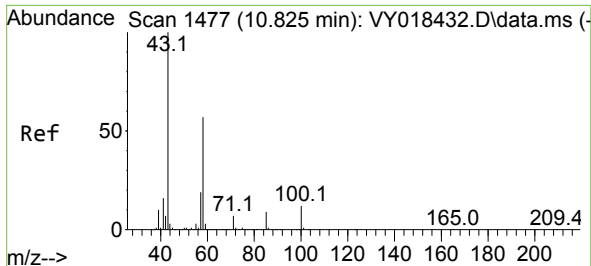
Tgt Ion: 76 Resp: 69576  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 240.512 ug/l  
RT: 9.776 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 63 Resp: 126257  
Ion Ratio Lower Upper  
63 100  
106 26.2 23.7 35.5

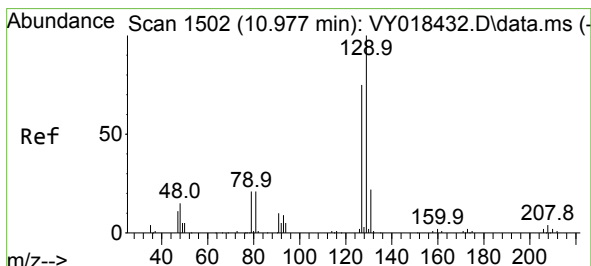
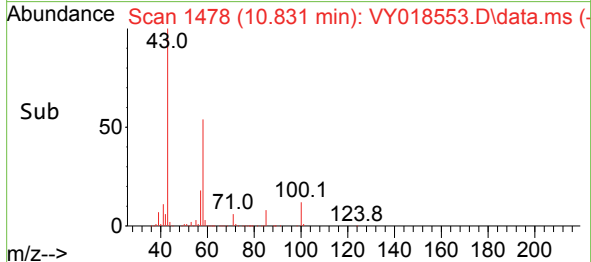
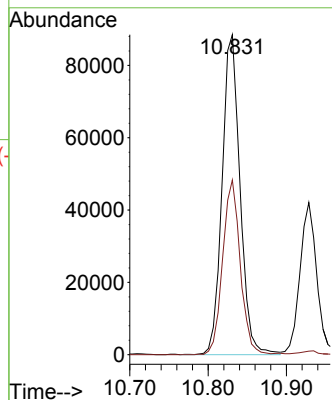
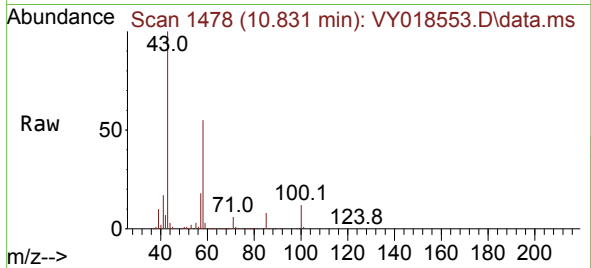




#59  
2-Hexanone  
Concen: 309.965 ug/l  
RT: 10.831 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

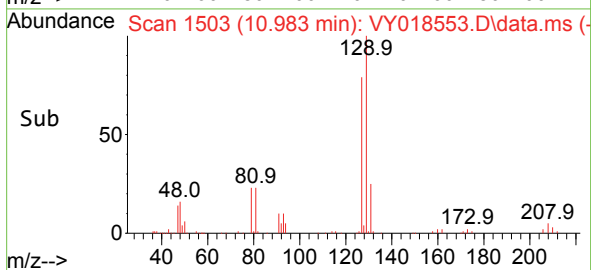
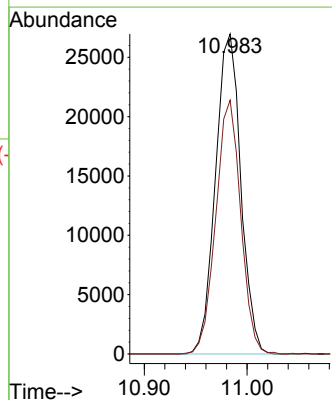
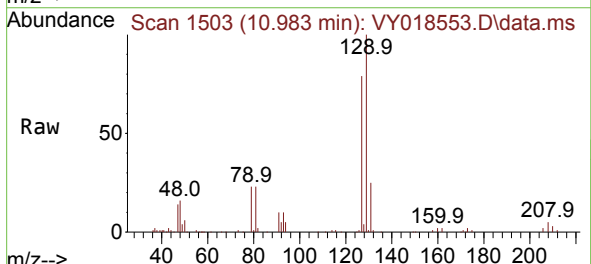
Instrument :  
MSVOA\_Y  
ClientSampleId :

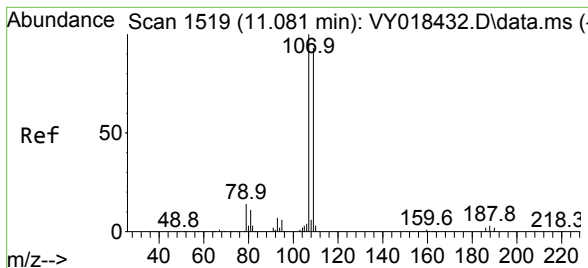
Tgt Ion: 43 Resp: 141206  
Ion Ratio Lower Upper  
43 100  
58 53.5 31.4 94.0



#60  
Dibromochloromethane  
Concen: 54.394 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 129 Resp: 46164  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.0 117.0

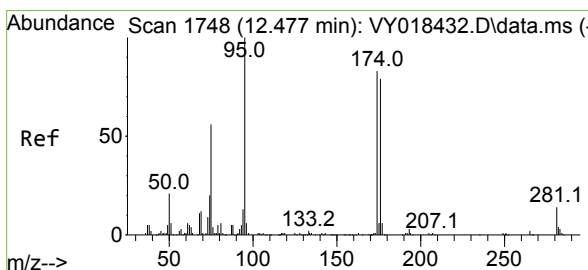
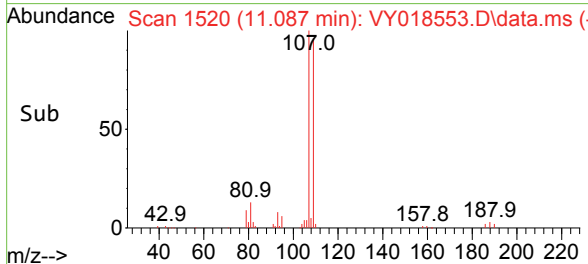
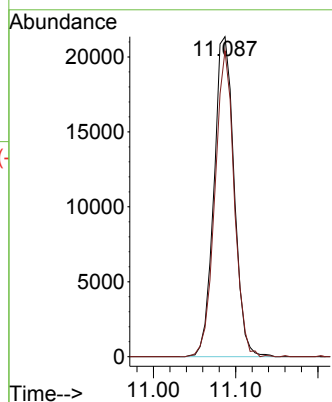
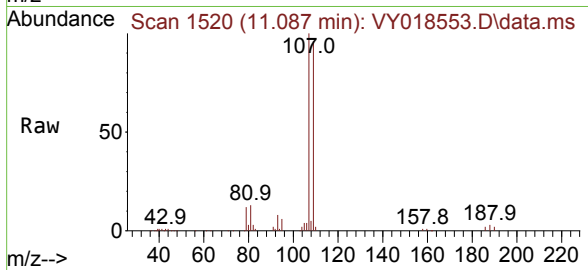




#61  
1,2-Dibromoethane  
Concen: 55.682 ug/l  
RT: 11.087 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

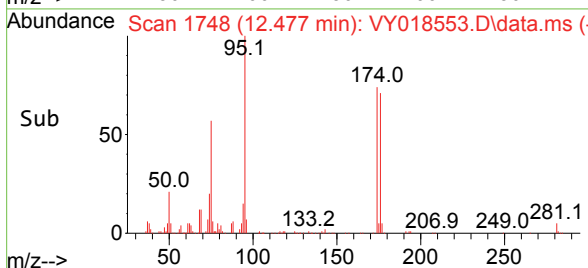
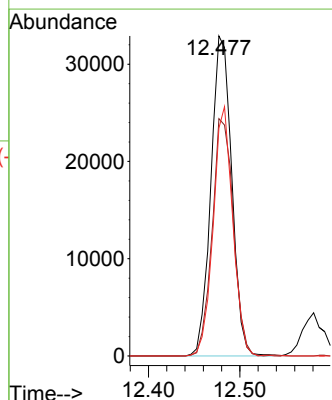
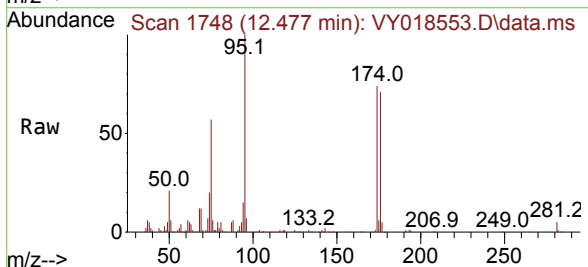
Instrument :  
MSVOA\_Y  
ClientSampleId :

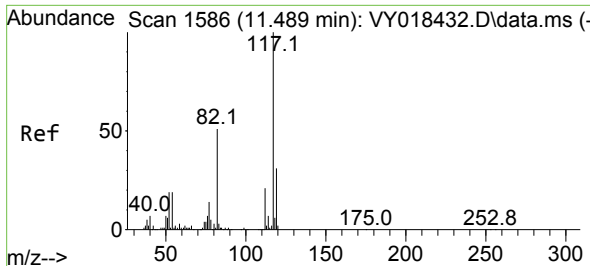
Tgt Ion:107 Resp: 36425  
Ion Ratio Lower Upper  
107 100  
109 91.3 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 47.037 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 95 Resp: 51933  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 175.6  
176 73.3 0.0 171.4

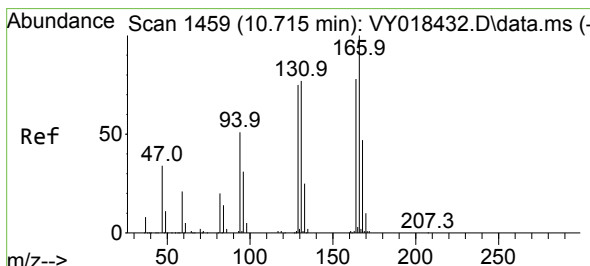
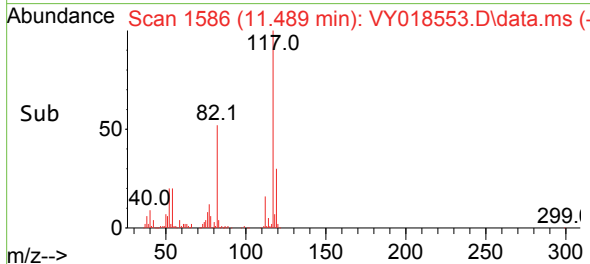
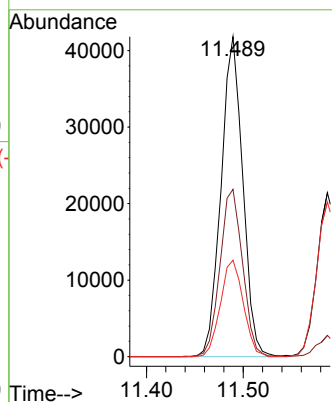
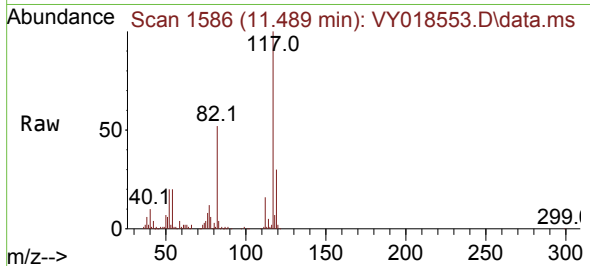




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

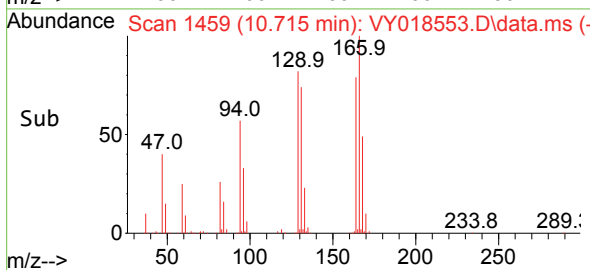
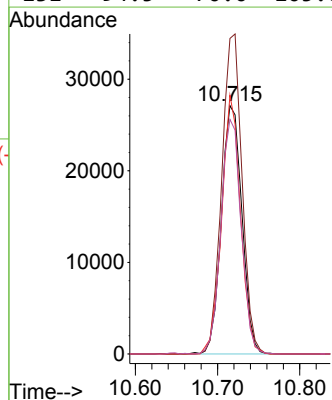
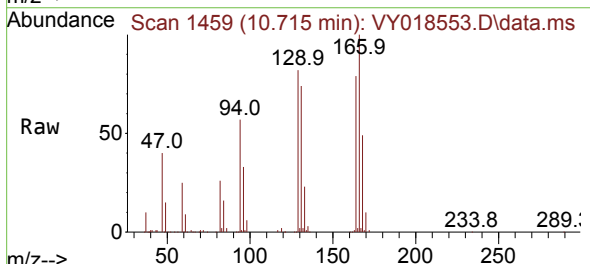
Instrument :  
MSVOA\_Y  
ClientSampleId :

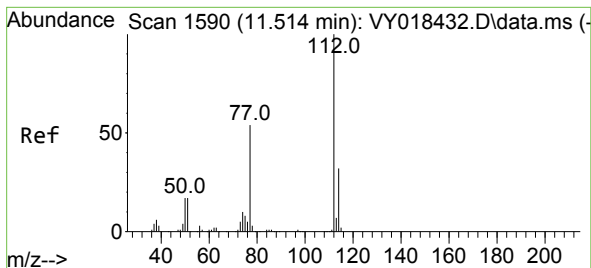
Tgt Ion:117 Resp: 65022  
Ion Ratio Lower Upper  
117 100  
82 52.3 42.4 63.6  
119 30.2 25.9 38.9



#64  
Tetrachloroethene  
Concen: 49.056 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion:164 Resp: 46984  
Ion Ratio Lower Upper  
164 100  
166 127.1 102.6 154.0  
129 104.2 72.0 108.0  
131 94.5 70.0 105.0





#65

Chlorobenzene

Concen: 52.996 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

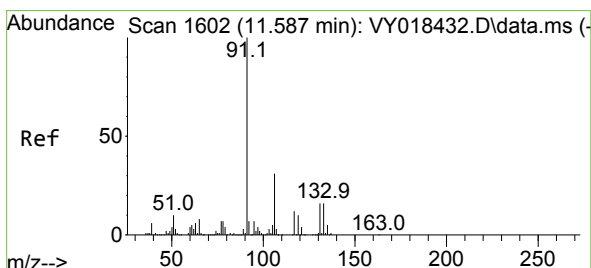
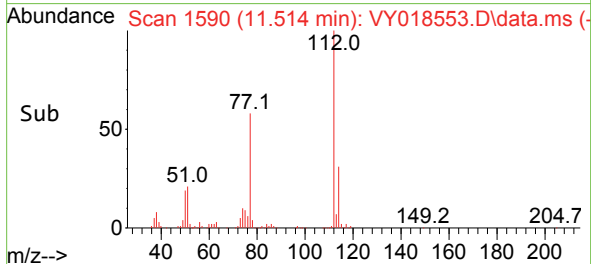
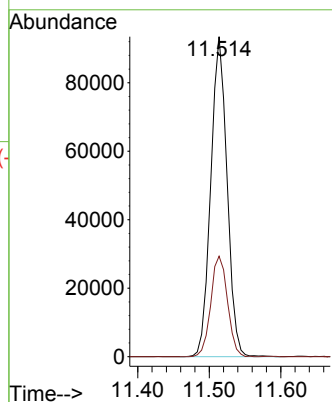
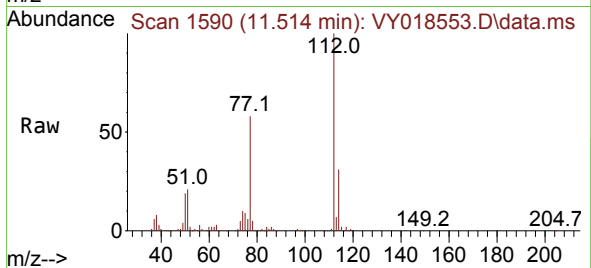
ClientSampleId :

Tgt Ion:112 Resp: 147775

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.489 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

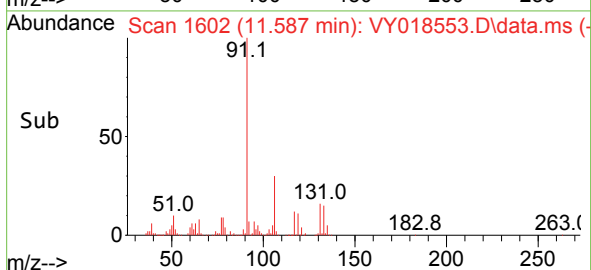
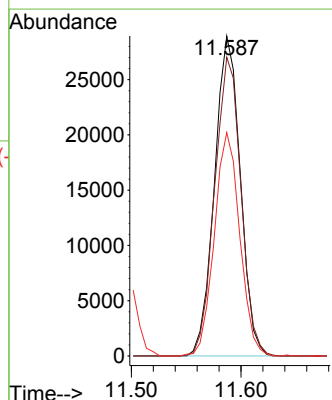
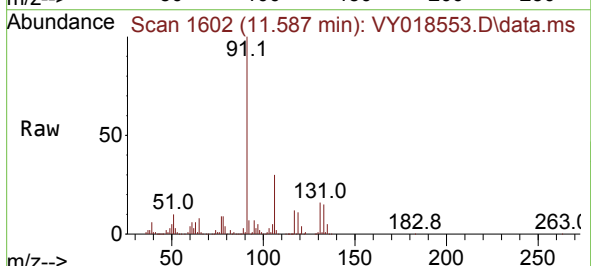
Tgt Ion:131 Resp: 47326

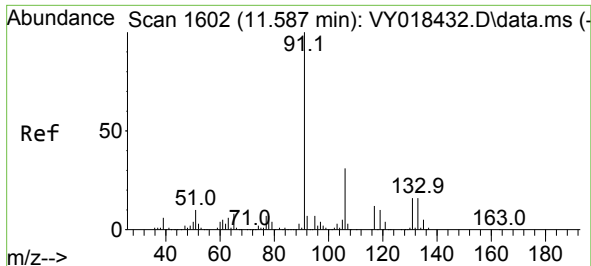
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 68.7 34.1 102.2

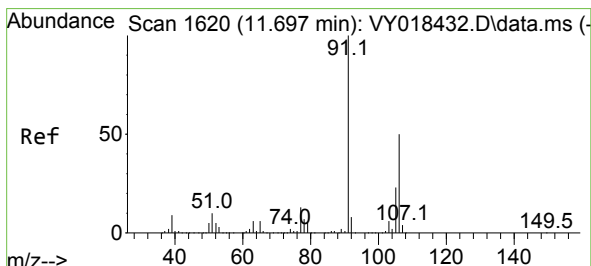
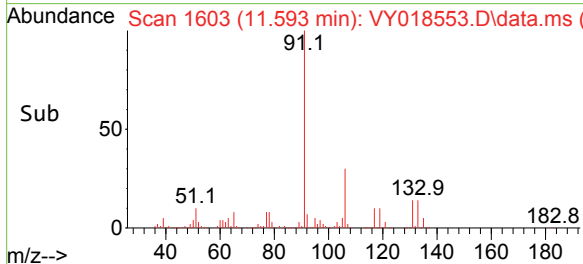
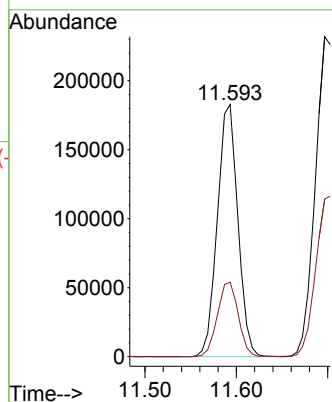
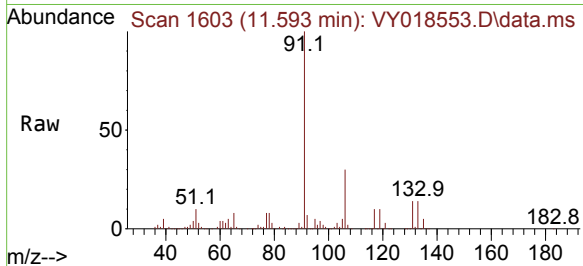




#67  
Ethyl Benzene  
Concen: 56.202 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

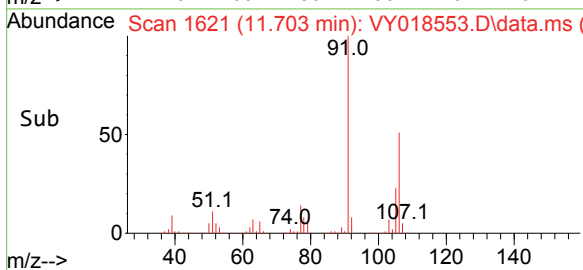
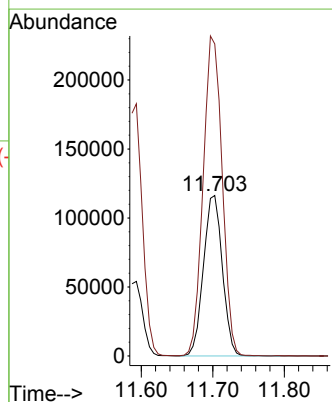
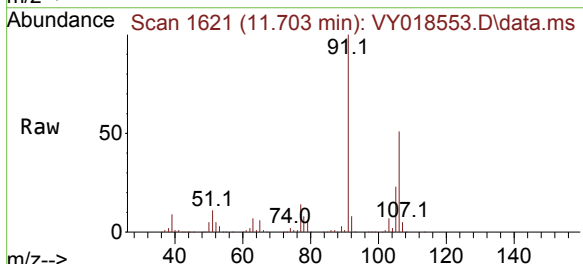
Instrument :  
MSVOA\_Y  
ClientSampleId :

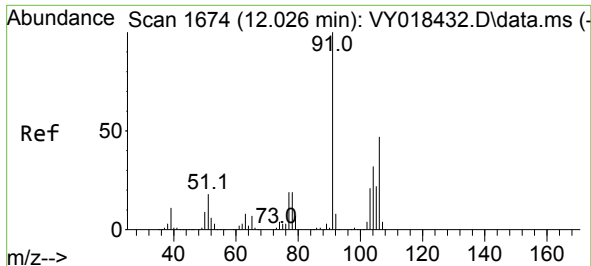
Tgt Ion: 91 Resp: 285245  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.5 36.7



#68  
m/p-Xylenes  
Concen: 111.704 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion:106 Resp: 213478  
Ion Ratio Lower Upper  
106 100  
91 201.0 156.0 234.0

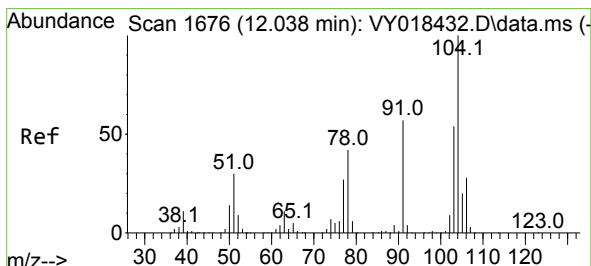
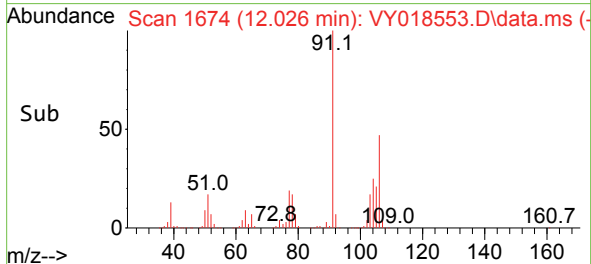
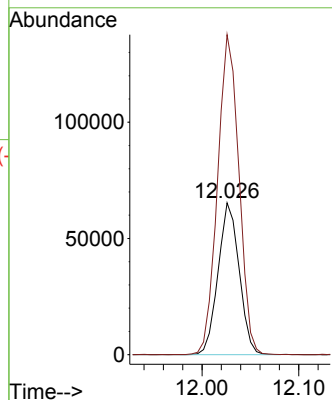
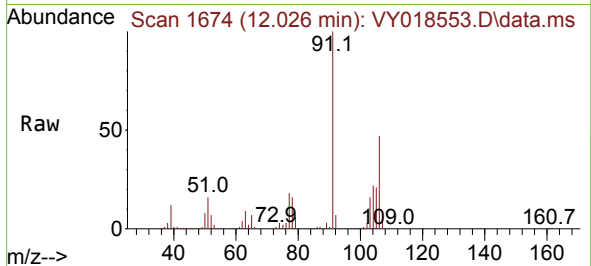




#69  
o-Xylene  
Concen: 53.636 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

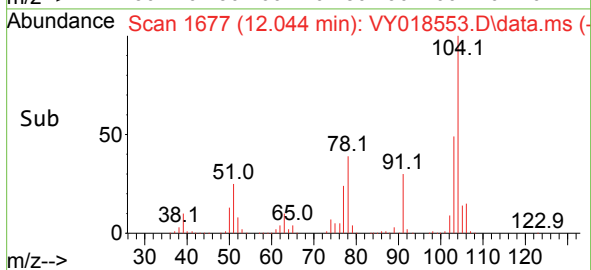
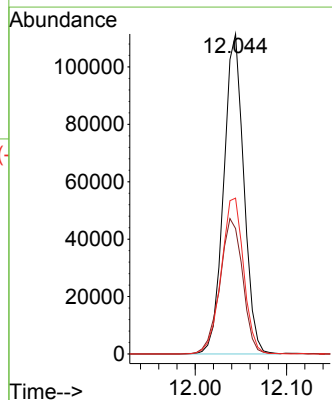
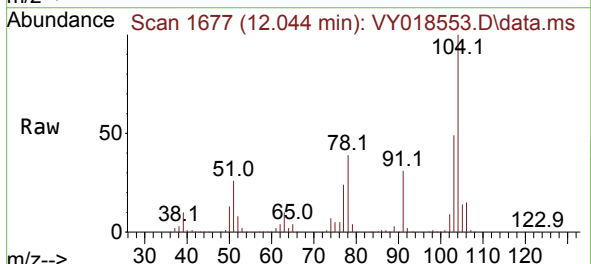
Instrument :  
MSVOA\_Y  
ClientSampleId :

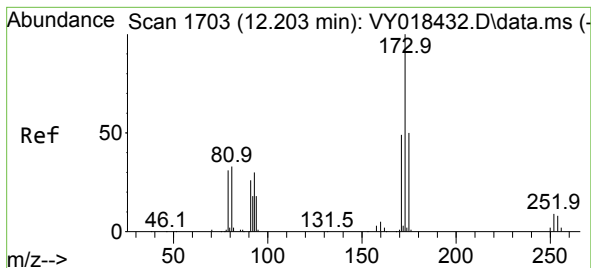
Tgt Ion:106 Resp: 98674  
Ion Ratio Lower Upper  
106 100  
91 214.3 103.6 310.8



#70  
Styrene  
Concen: 56.744 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion:104 Resp: 170563  
Ion Ratio Lower Upper  
104 100  
78 48.2 37.0 55.4  
103 54.4 44.2 66.2





#71

Bromoform

Concen: 48.262 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018553.D

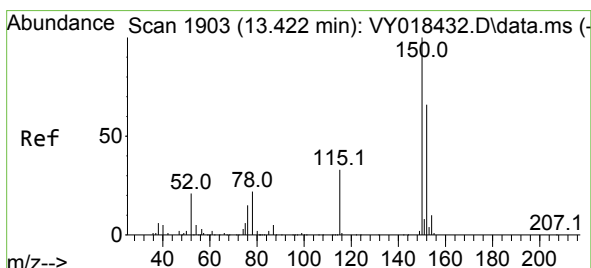
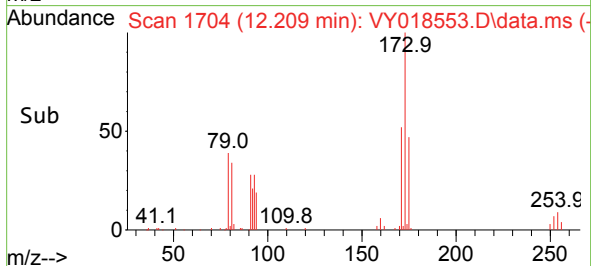
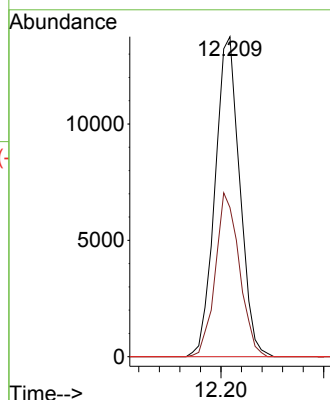
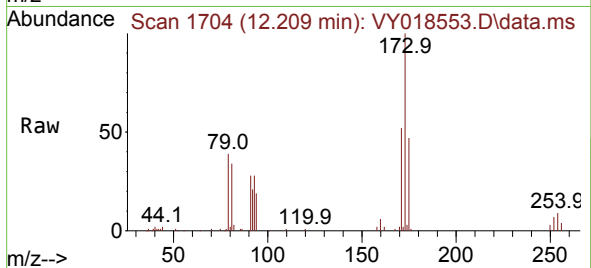
Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 22924     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.9  | 25.1 75.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

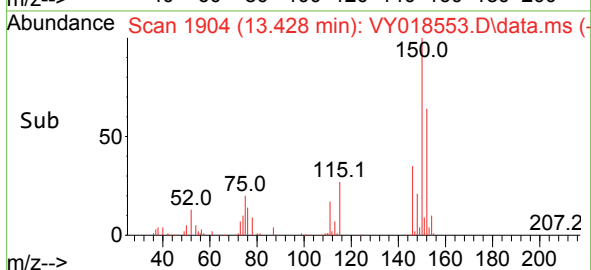
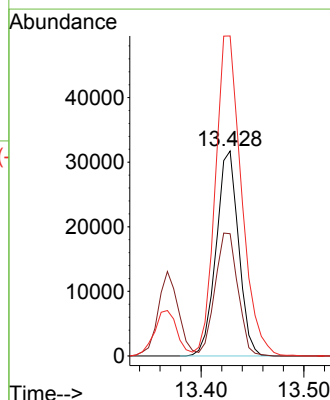
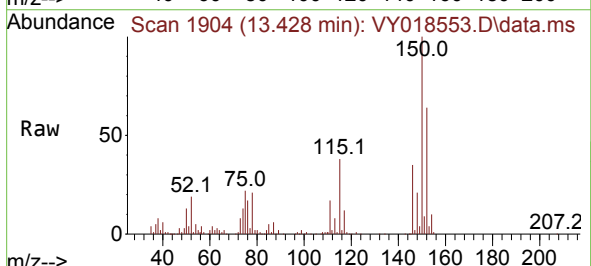
RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

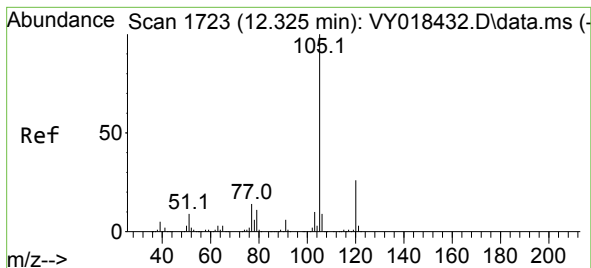
Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 47920     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 61.1  | 28.2 84.7 |
| 150         | 182.1 | 0.0 345.6 |







#73

Isopropylbenzene

Concen: 53.846 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

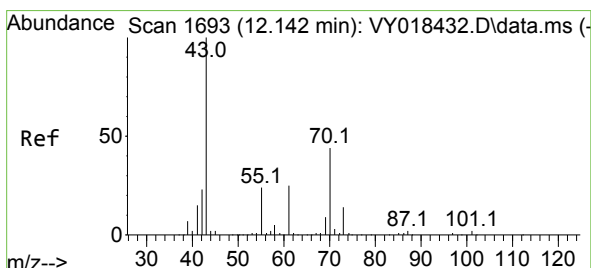
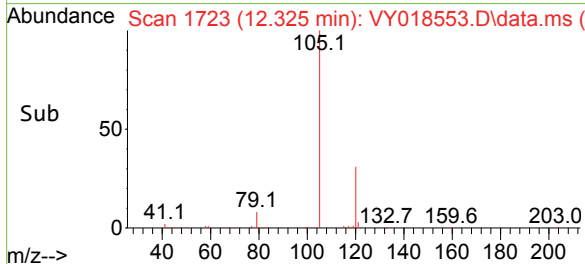
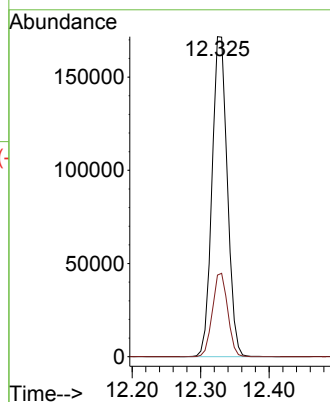
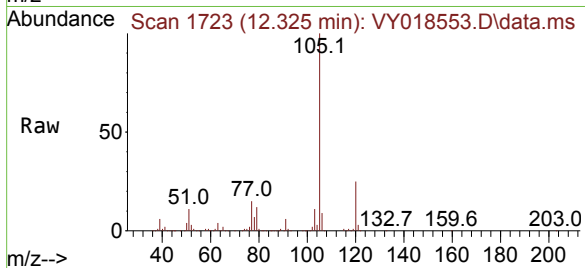
ClientSampleId :

Tgt Ion:105 Resp: 266272

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 55.177 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Tgt Ion: 43 Resp: 66415

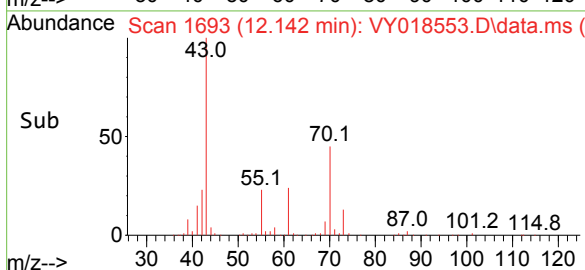
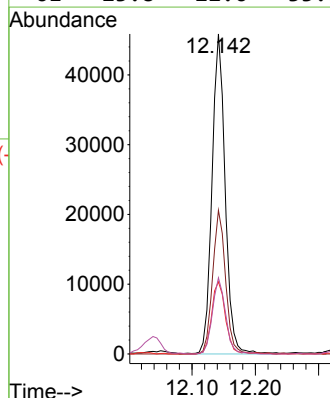
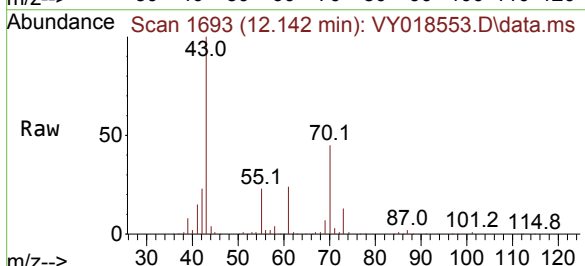
Ion Ratio Lower Upper

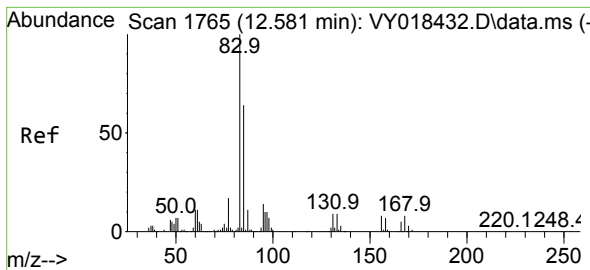
43 100

70 44.4 41.4 62.2

55 23.9 23.3 34.9

61 23.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.525 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

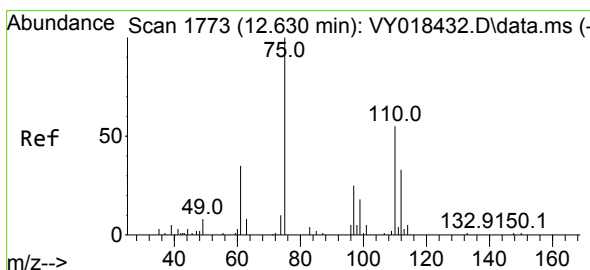
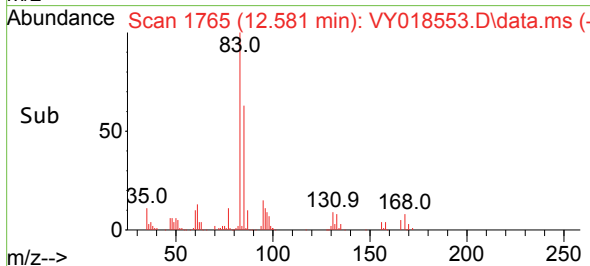
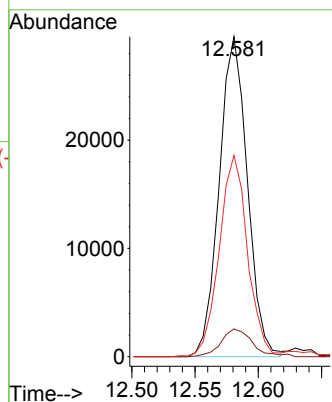
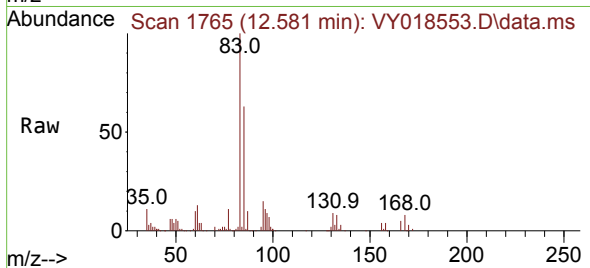
Tgt Ion: 83 Resp: 45722

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 98.061 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018553.D

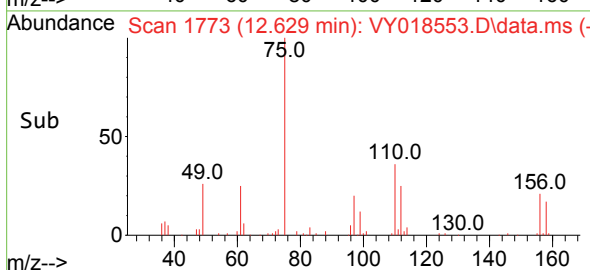
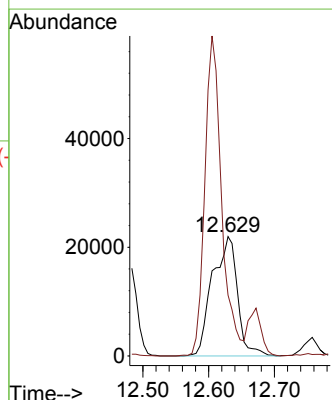
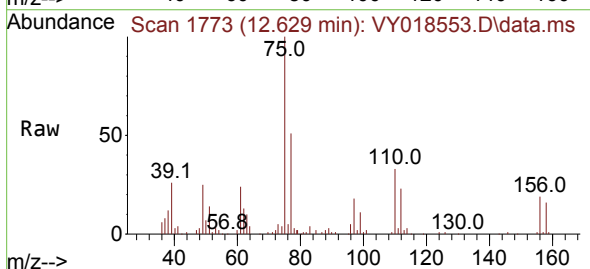
Acq: 11 Jun 2024 13:15

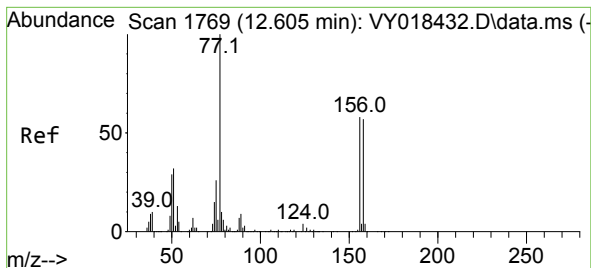
Tgt Ion: 75 Resp: 58269

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.667 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

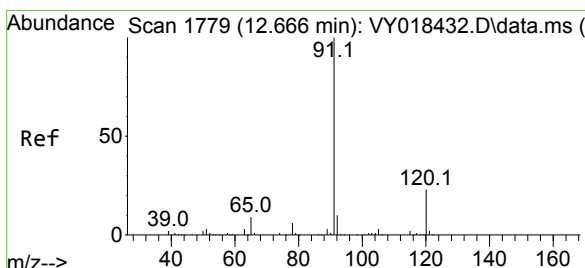
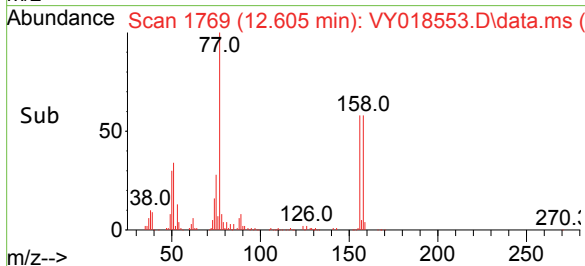
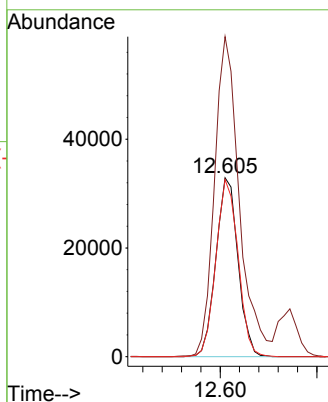
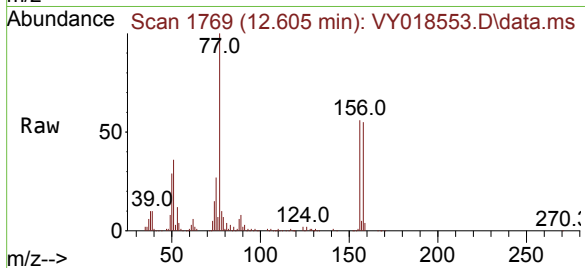
Tgt Ion:156 Resp: 52148

Ion Ratio Lower Upper

156 100

77 201.7 87.1 261.3

158 99.5 48.6 145.9



#78

n-propylbenzene

Concen: 54.835 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018553.D

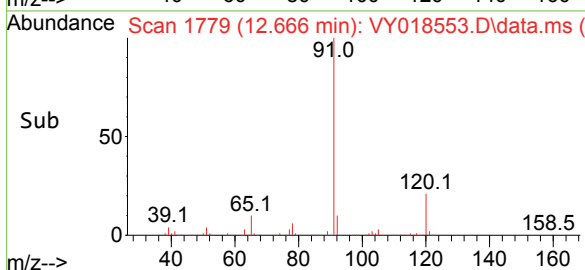
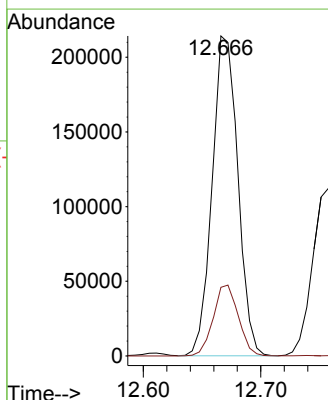
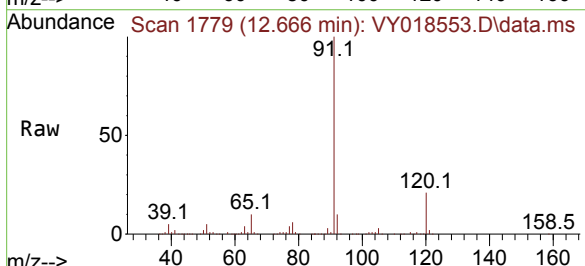
Acq: 11 Jun 2024 13:15

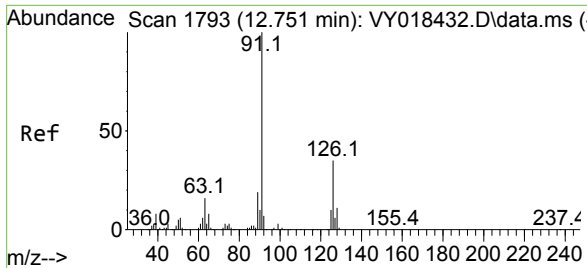
Tgt Ion: 91 Resp: 325447

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

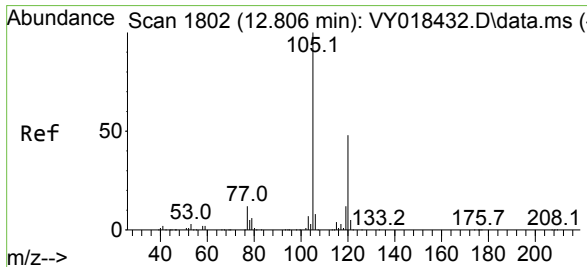
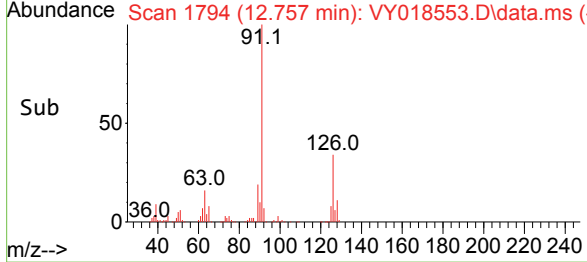
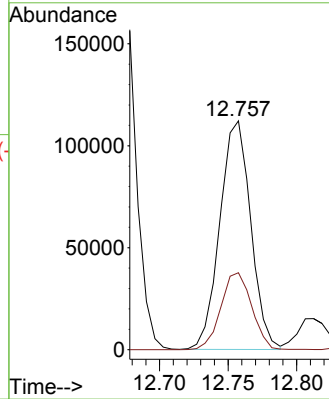
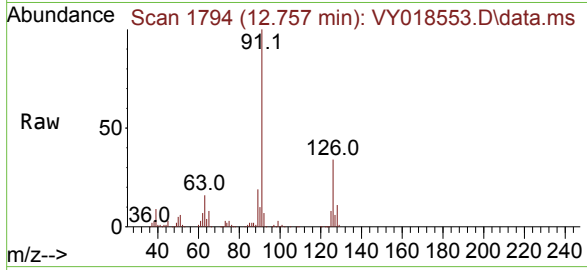




#79  
2-Chlorotoluene  
Concen: 54.573 ug/l  
RT: 12.757 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

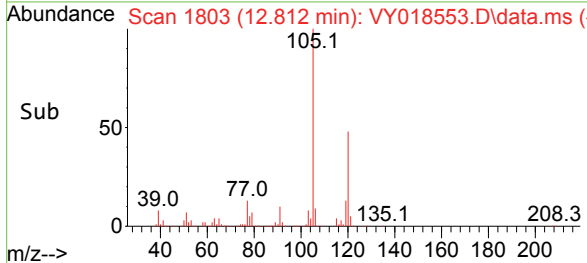
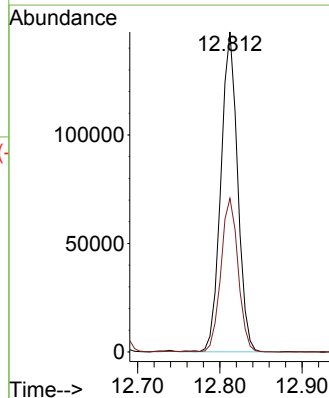
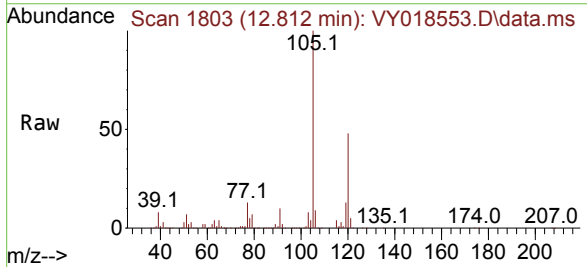
Instrument :  
MSVOA\_Y  
ClientSampleId :

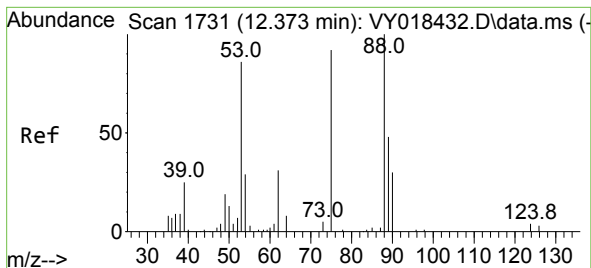
Tgt Ion: 91 Resp: 176083  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 54.104 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 105 Resp: 208375  
Ion Ratio Lower Upper  
105 100  
120 49.3 25.1 75.2

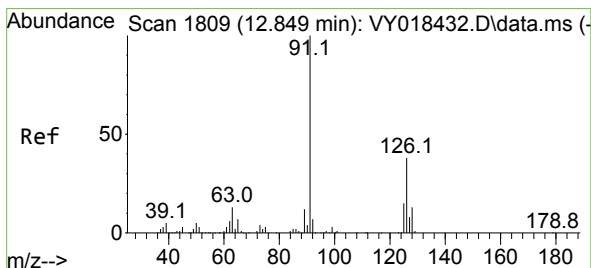
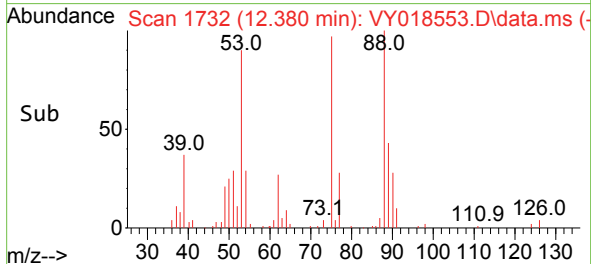
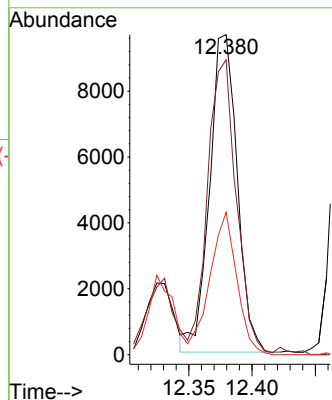
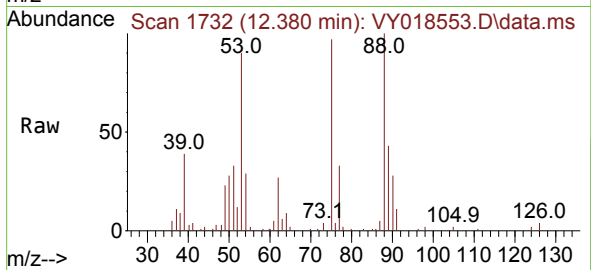




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.659 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

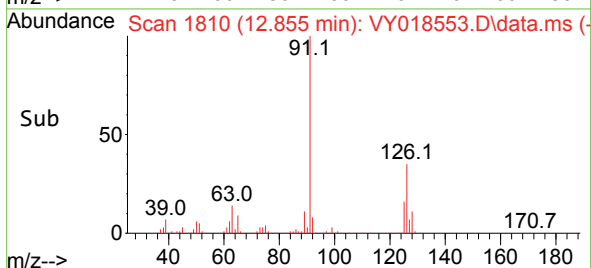
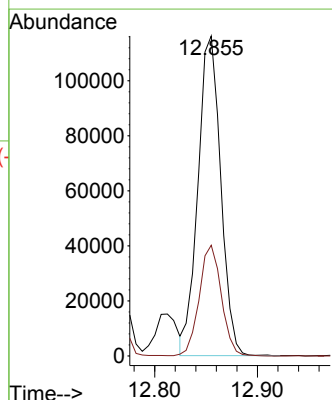
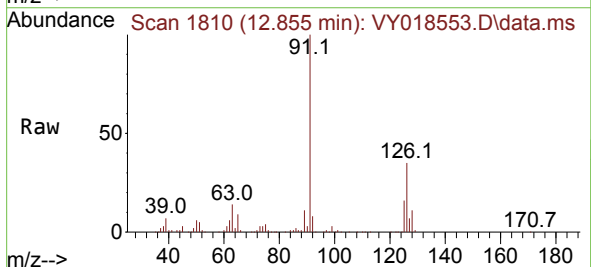
Instrument :  
MSVOA\_Y  
ClientSampleId :

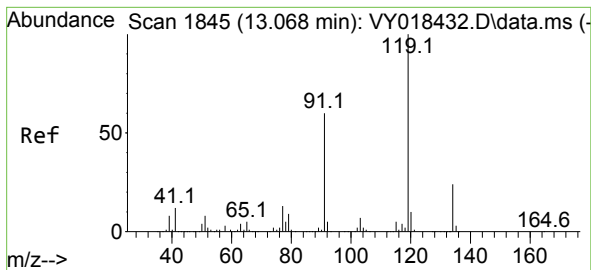
Tgt Ion: 75 Resp: 14611  
Ion Ratio Lower Upper  
75 100  
53 95.5 66.8 100.2  
89 43.8 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 55.171 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion: 91 Resp: 179132  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.329 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

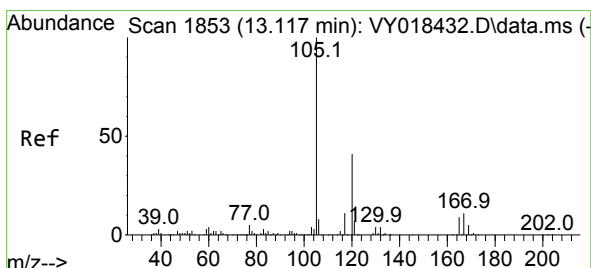
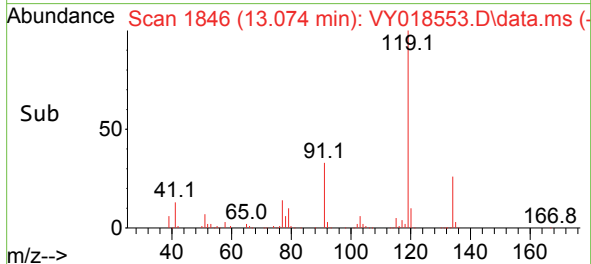
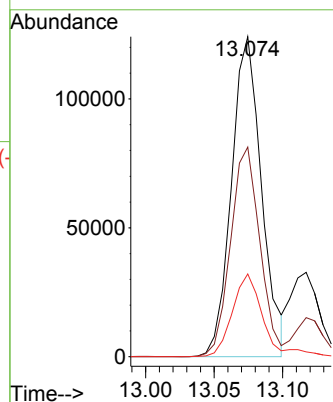
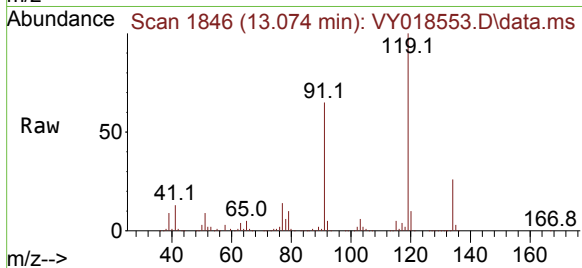
Tgt Ion:119 Resp: 189927

Ion Ratio Lower Upper

119 100

91 63.7 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 56.051 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018553.D

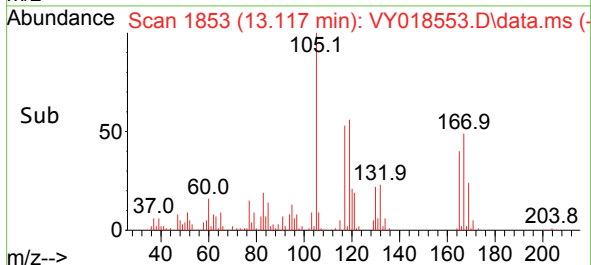
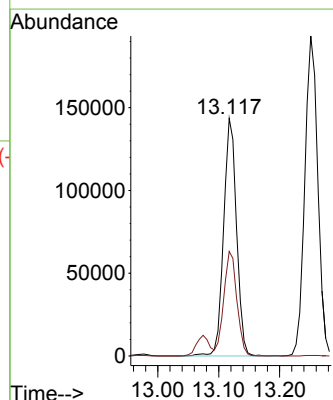
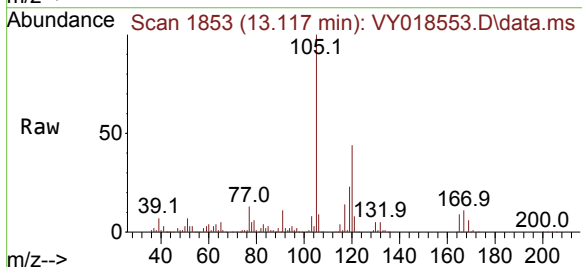
Acq: 11 Jun 2024 13:15

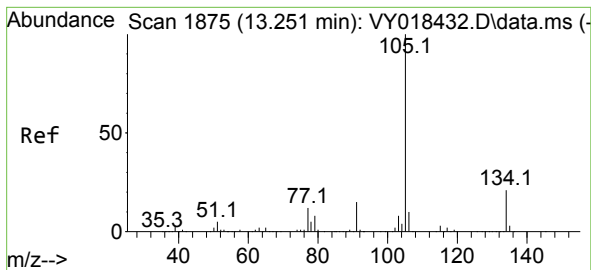
Tgt Ion:105 Resp: 211346

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.447 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

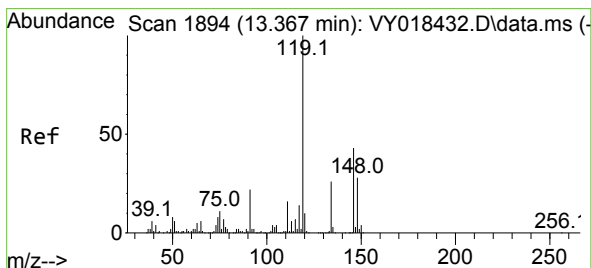
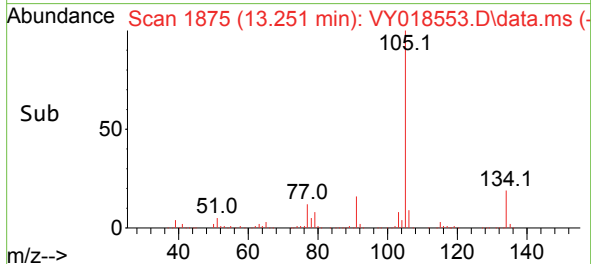
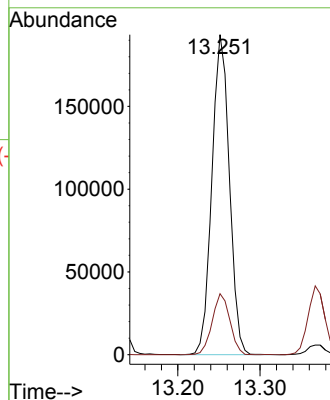
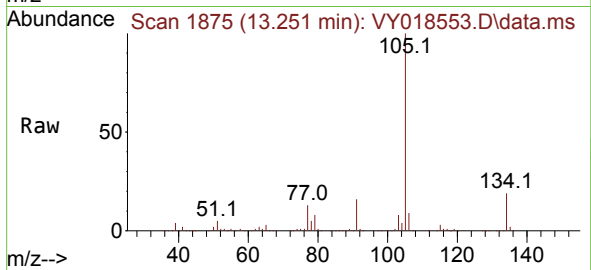
ClientSampleId :

Tgt Ion:105 Resp: 285571

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.426 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

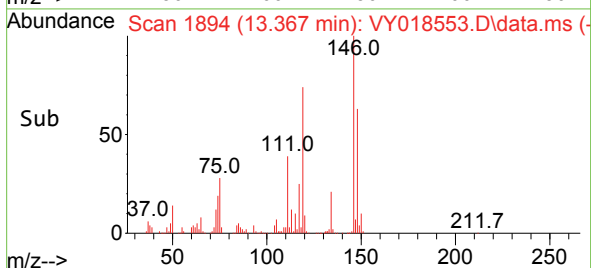
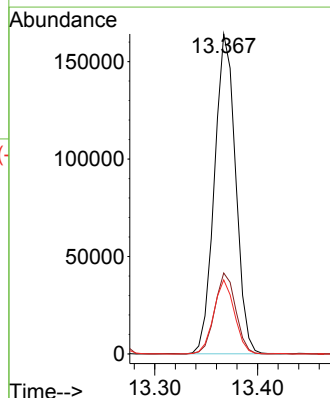
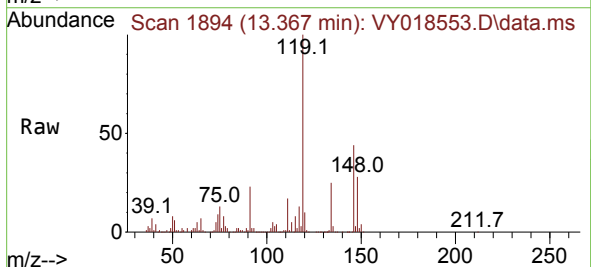
Tgt Ion:119 Resp: 234623

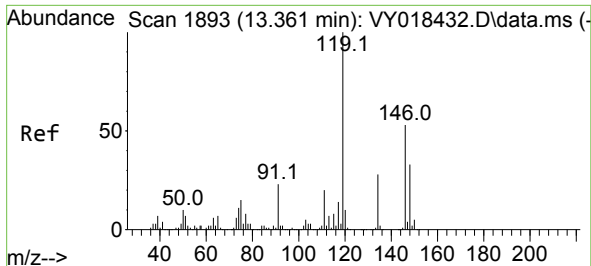
Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 22.8 10.7 32.1

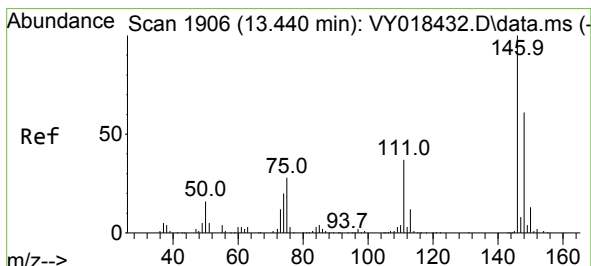
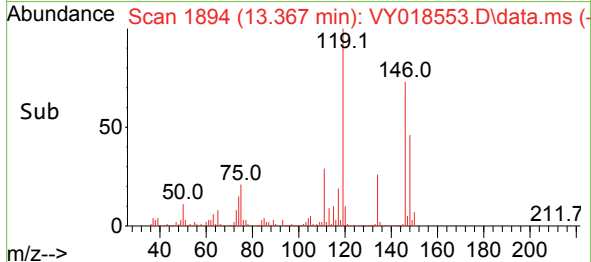
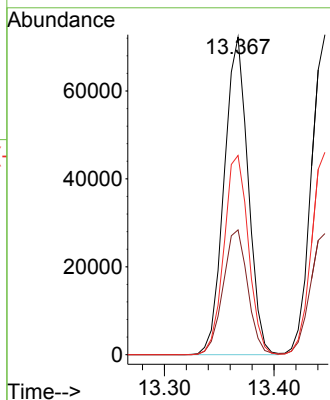
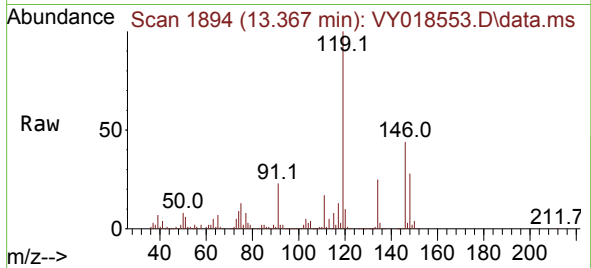




#87  
1,3-Dichlorobenzene  
Concen: 52.984 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

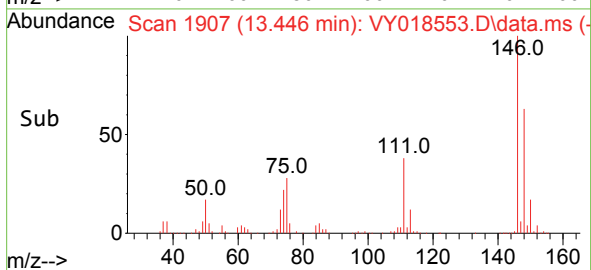
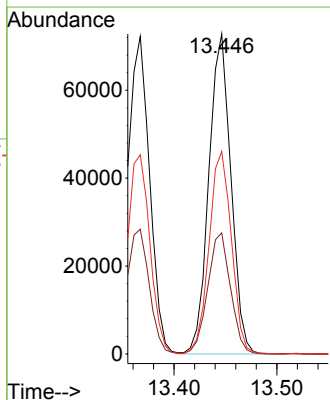
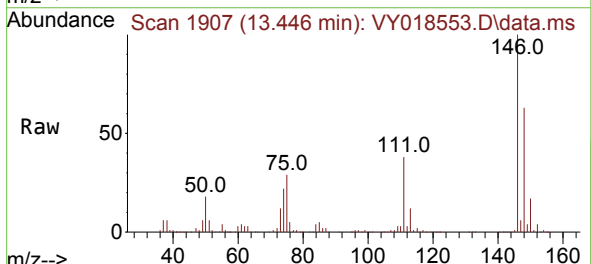
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:146 Resp: 109735  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.0 57.0  
148 64.0 31.7 95.1

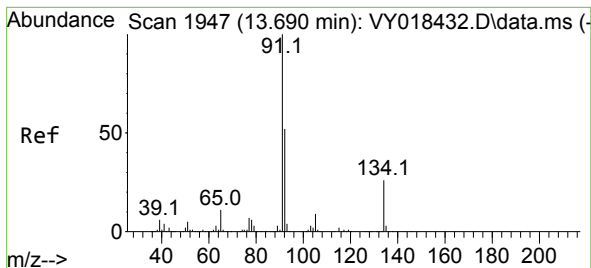


#88  
1,4-Dichlorobenzene  
Concen: 53.509 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VY018553.D  
Acq: 11 Jun 2024 13:15

Tgt Ion:146 Resp: 108874  
Ion Ratio Lower Upper  
146 100  
111 39.1 18.4 55.4  
148 64.1 32.4 97.2







#89

n-Butylbenzene

Concen: 55.817 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

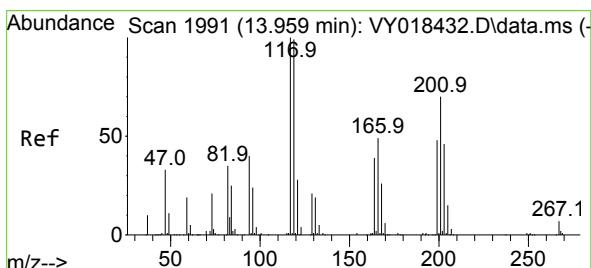
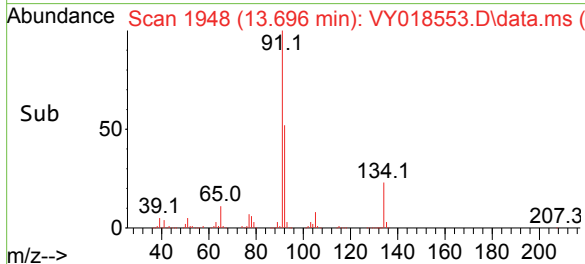
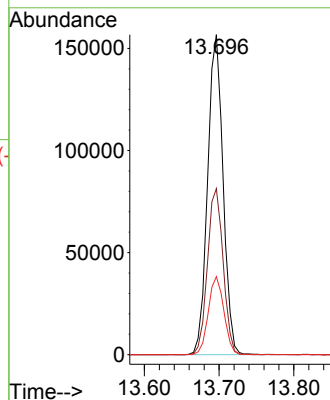
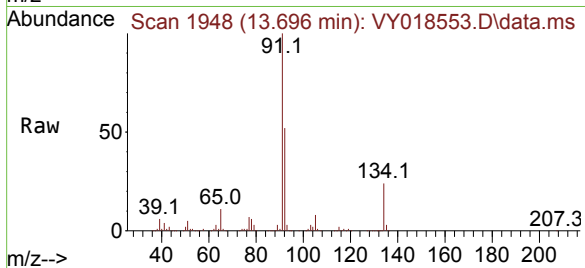
Tgt Ion: 91 Resp: 224529

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 24.6 12.9 38.7



#90

Hexachloroethane

Concen: 51.190 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018553.D

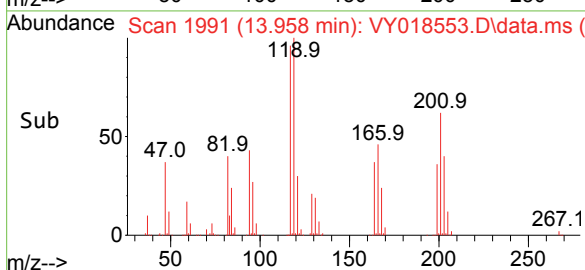
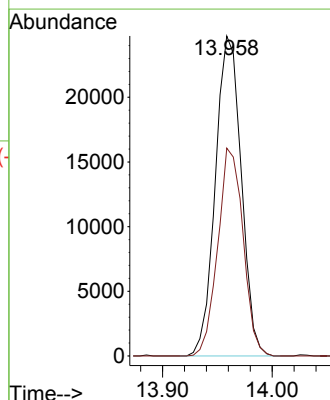
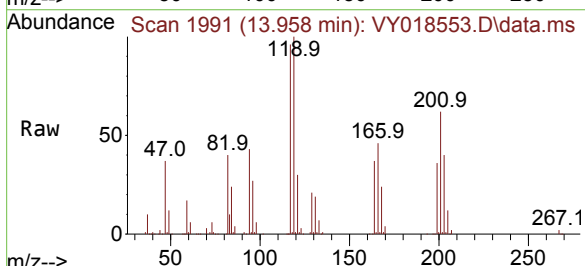
Acq: 11 Jun 2024 13:15

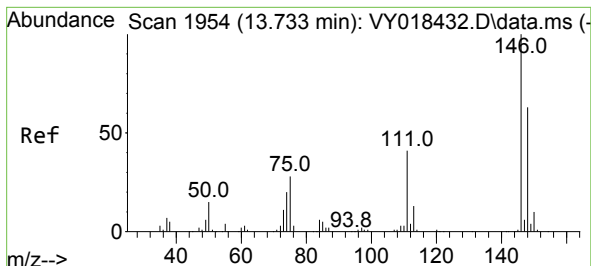
Tgt Ion: 117 Resp: 40616

Ion Ratio Lower Upper

117 100

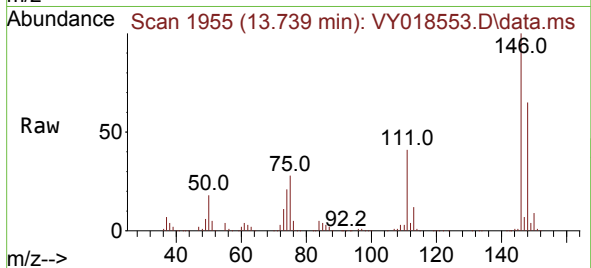
201 63.5 37.4 112.2



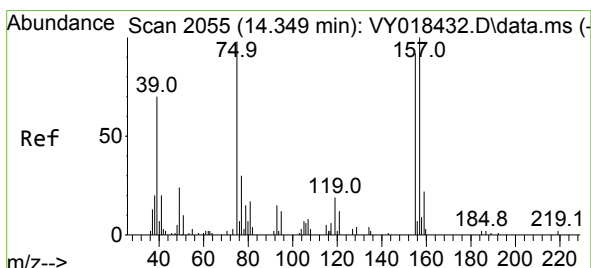
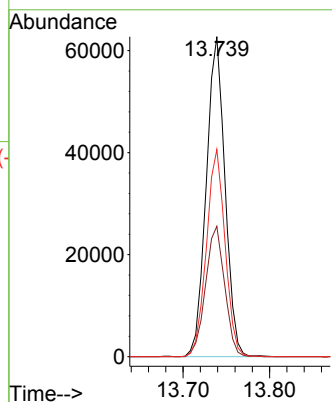
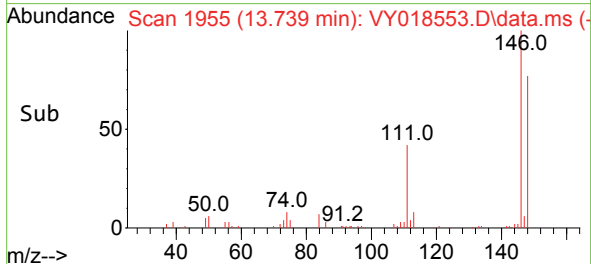


#91  
 1,2-Dichlorobenzene  
 Concen: 52.268 ug/l  
 RT: 13.739 min Scan# 1954  
 Delta R.T. 0.006 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15

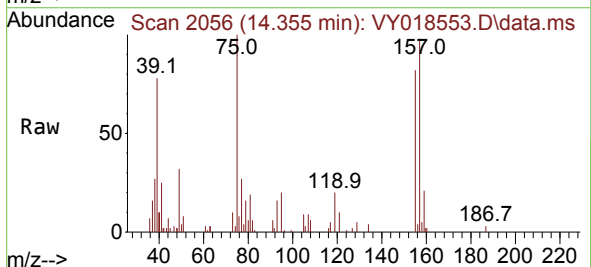
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



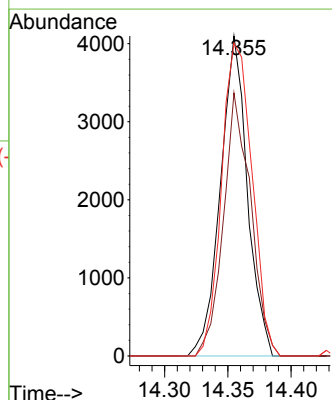
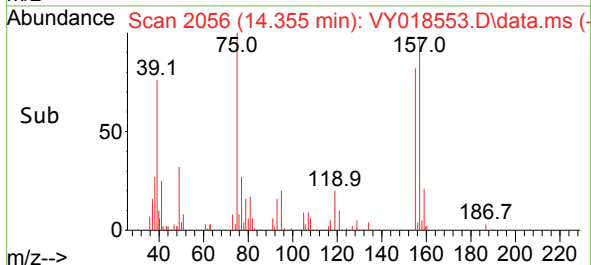
Tgt Ion:146 Resp: 94200  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 19.9 59.7  
 148 64.5 31.8 95.4

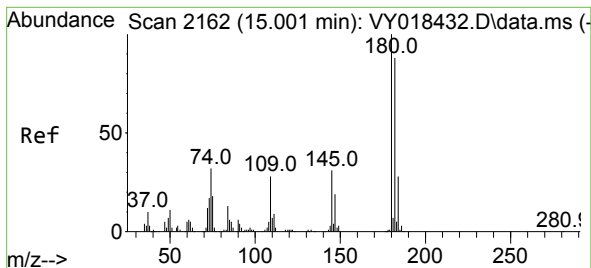


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.733 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. 0.006 min  
 Lab File: VY018553.D  
 Acq: 11 Jun 2024 13:15



Tgt Ion: 75 Resp: 6058  
 Ion Ratio Lower Upper  
 75 100  
 155 83.6 48.6 145.8  
 157 110.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.585 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

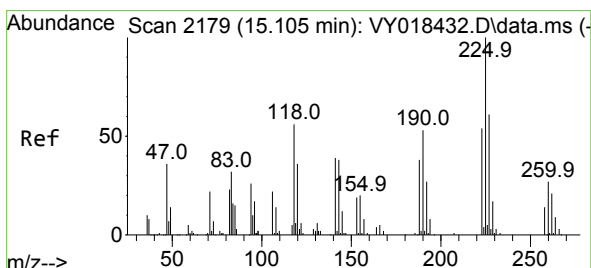
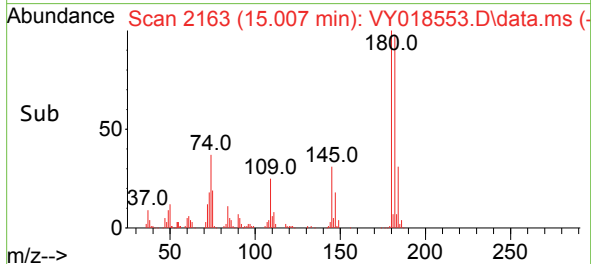
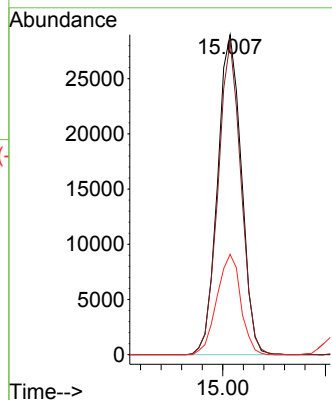
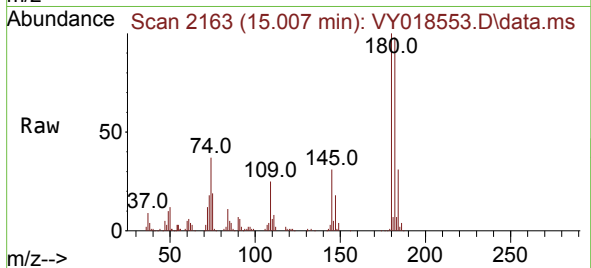
Tgt Ion:180 Resp: 46381

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.363 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018553.D

Acq: 11 Jun 2024 13:15

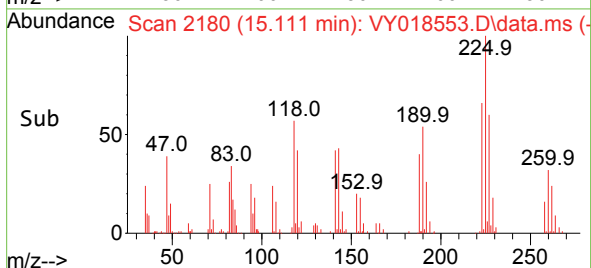
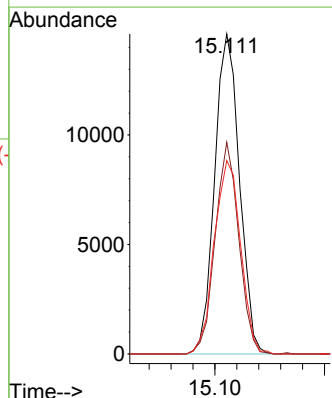
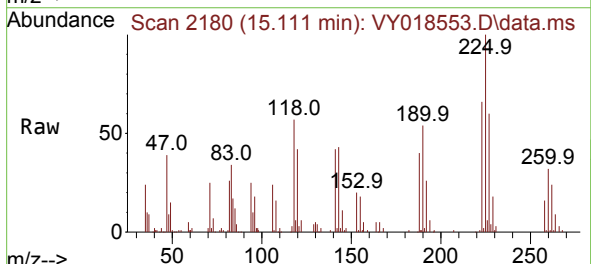
Tgt Ion:225 Resp: 22965

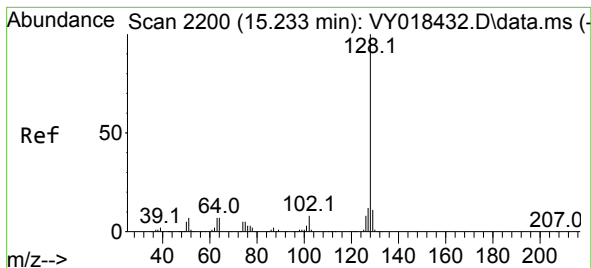
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 48.266 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018553.D

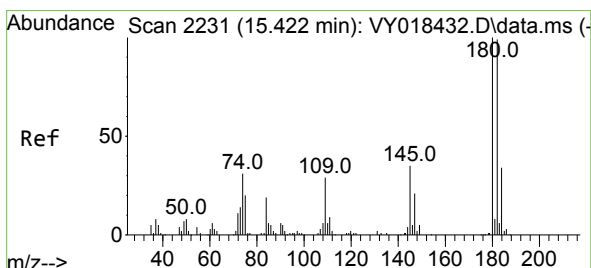
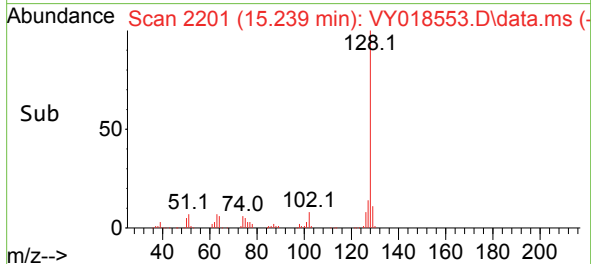
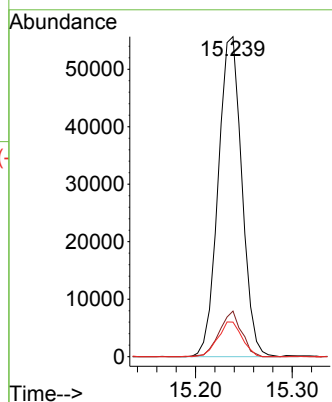
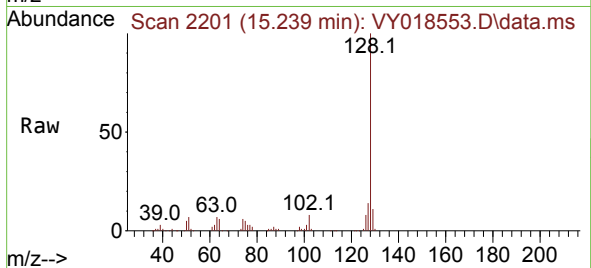
Acq: 11 Jun 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 94483     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.4  | 10.6 16.0 |
| 129         | 11.1  | 8.6 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 46.620 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018553.D

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|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 38447      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 91.5  | 47.6 142.9 |
| 145         | 31.1  | 15.4 46.1  |

