

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062824\  
 Data File : VY018727.D  
 Acq On : 28 Jun 2024 11:56  
 Operator : SY/MD  
 Sample : VY0628SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 01 01:44:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y061324S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 14 07:08:24 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 126907   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 203278   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 173560   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 86632    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 64057    | 50.135   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.280% |      |
| 35) Dibromofluoromethane    | 7.704  | 113   | 75123    | 60.581   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 121.160% |      |
| 50) Toluene-d8              | 10.173 | 98    | 275088   | 57.686   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 115.380% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 84835    | 56.338   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 112.680% |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 21797  | 26.078 | ug/l   | 94  |
| 3) Chloromethane             | 2.107 | 50  | 30473  | 17.702 | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.241 | 62  | 40242  | 18.876 | ug/l   | 98  |
| 5) Bromomethane              | 2.637 | 94  | 30120  | 19.008 | ug/l   | 100 |
| 6) Chloroethane              | 2.778 | 64  | 26165  | 18.735 | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 50161  | 21.850 | ug/l   | 88  |
| 8) Diethyl Ether             | 3.515 | 74  | 12568  | 19.200 | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 28382  | 23.662 | ug/l   | 97  |
| 10) Methyl Iodide            | 4.076 | 142 | 30154  | 21.197 | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.924 | 59  | 6994   | 30.432 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 26248  | 21.775 | ug/l   | 97  |
| 13) Acrolein                 | 3.716 | 56  | 3744   | 50.672 | ug/l   | 95  |
| 14) Allyl chloride           | 4.466 | 41  | 31355  | 19.294 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.143 | 53  | 25102  | 86.203 | ug/l   | 99  |
| 16) Acetone                  | 3.930 | 43  | 20830  | 80.131 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.180 | 76  | 71957  | 21.028 | ug/l # | 95  |
| 18) Methyl Acetate           | 4.454 | 43  | 12853  | 19.493 | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 60078  | 18.684 | ug/l # | 90  |
| 20) Methylene Chloride       | 4.698 | 84  | 47997  | 25.585 | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 29594  | 21.567 | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.100 | 45  | 68102  | 18.563 | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.045 | 43  | 257975 | 86.939 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 47280  | 20.004 | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 31780  | 81.560 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 38715  | 19.442 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 33305  | 20.094 | ug/l   | 97  |
| 28) Bromochloromethane       | 7.319 | 49  | 17357  | 17.917 | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.332 | 42  | 19706  | 82.410 | ug/l   | 97  |
| 30) Chloroform               | 7.496 | 83  | 51868  | 20.137 | ug/l   | 94  |
| 31) Cyclohexane              | 7.771 | 56  | 40130  | 20.504 | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 45886  | 20.969 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 36447  | 21.353 | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.063 | 43  | 14621  | 18.171 | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 41238  | 23.029 | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.179 | 83  | 48069  | 22.984 | ug/l   | 99  |
| 40) Benzene                  | 8.149 | 78  | 112606 | 21.332 | ug/l   | 100 |

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 Sample : VY0628SBS01  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 01 01:44:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y061324S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 14 07:08:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 18846    | 46.570  | ug/l # | 26       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 27841    | 20.216  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 26155    | 17.416  | ug/l   | 98       |
| 44) Trichloroethene           | 8.935  | 130  | 31882    | 23.069  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 24574    | 20.359  | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 15207    | 20.304  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.490  | 83   | 37489    | 20.972  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.283  | 41   | 11757    | 17.390  | ug/l # | 92       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 3442     | 349.441 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 67726    | 85.615  | ug/l   | 100      |
| 52) Toluene                   | 10.240 | 92   | 74664    | 22.030  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 30784    | 19.707  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 37734    | 20.017  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 20424    | 20.503  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 25004    | 19.182  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 33307    | 20.128  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 60240    | 95.726  | ug/l   | 91       |
| 59) 2-Hexanone                | 10.825 | 43   | 45664    | 82.411  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.977 | 129  | 26790    | 21.649  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 19542    | 21.227  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 30527    | 24.660  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 82309    | 22.957  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 26825    | 22.326  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.587 | 91   | 136423   | 21.929  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.697 | 106  | 110933   | 45.826  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 52819    | 22.690  | ug/l   | 95       |
| 70) Styrene                   | 12.038 | 104  | 85291    | 22.178  | ug/l   | 98       |
| 71) Bromoform                 | 12.203 | 173  | 15034    | 22.804  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.325 | 105  | 133721   | 21.138  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.142 | 43   | 23020    | 17.770  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 21706    | 19.324  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 25994    | 31.987  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 32895    | 22.485  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.666 | 91   | 154826   | 20.913  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 85893    | 20.553  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 107454   | 21.432  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 6232     | 20.087  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 86054    | 20.448  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 101825   | 21.944  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 103880   | 20.730  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 141553   | 21.388  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 118988   | 21.207  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 63334    | 21.463  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 61583    | 21.267  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 102322   | 20.233  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 21660    | 21.251  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 55263    | 21.923  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 2775     | 17.061  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 29314    | 20.873  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 17813    | 24.686  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 49741    | 18.953  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 25250    | 21.279  | ug/l   | 99       |

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ALS Vial : 3 Sample Multiplier: 1

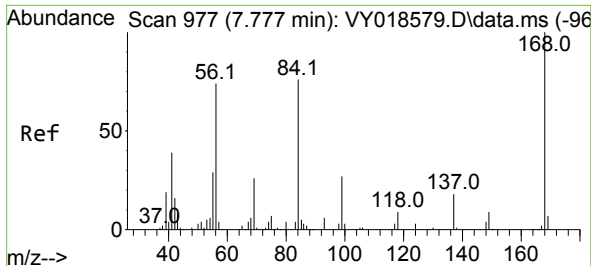
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 01 01:44:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y061324S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 14 07:08:24 2024  
Response via : Initial Calibration

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

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

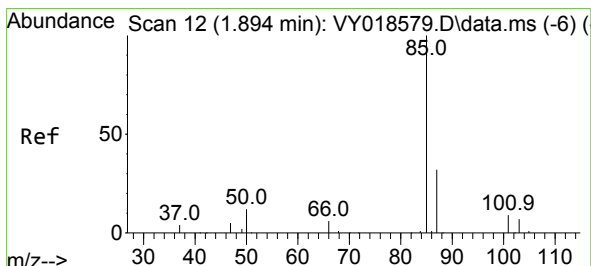
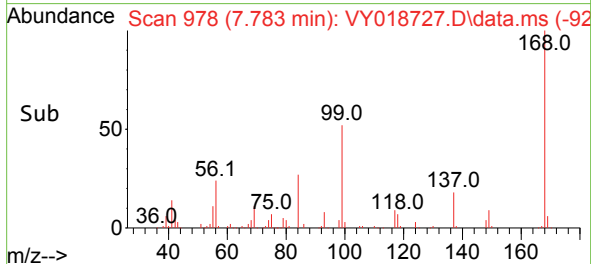
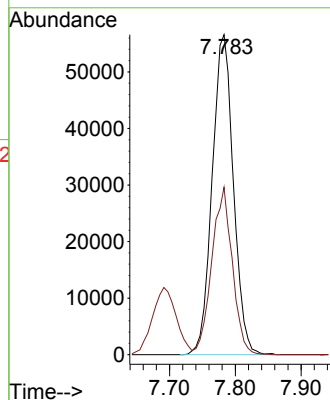
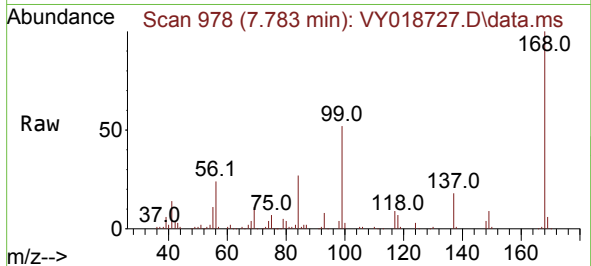




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

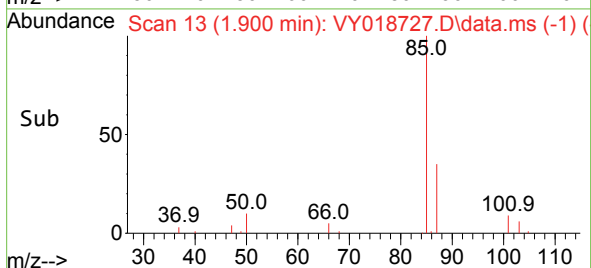
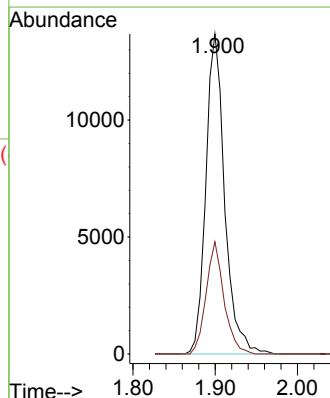
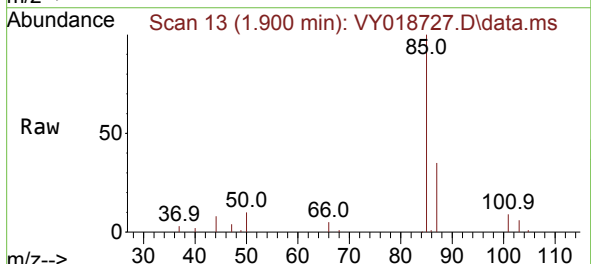
Instrument :  
MSVOA\_Y  
ClientSampleId :

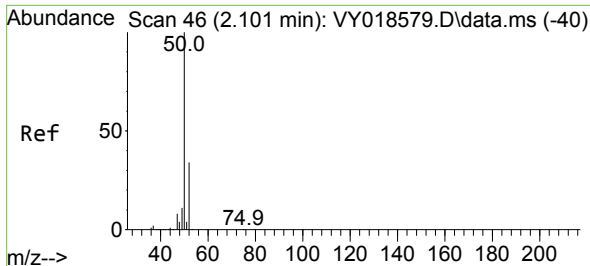
Tgt Ion:168 Resp: 126907  
Ion Ratio Lower Upper  
168 100  
99 52.3 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 26.078 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 85 Resp: 21797  
Ion Ratio Lower Upper  
85 100  
87 35.1 16.0 48.0

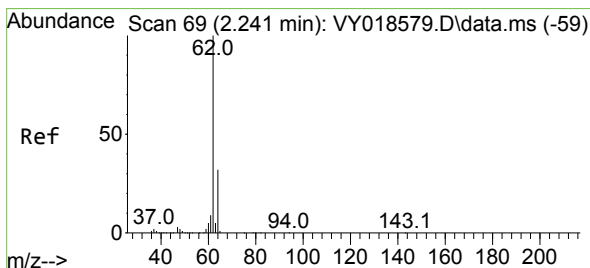
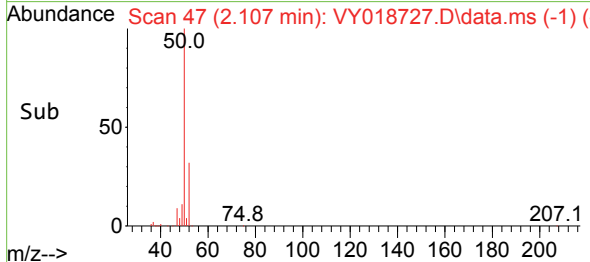
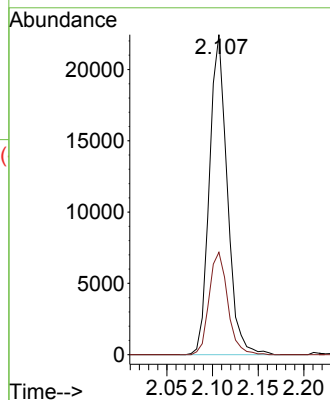
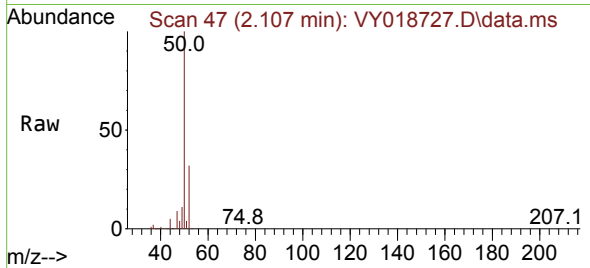




#3  
Chloromethane  
Concen: 17.702 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

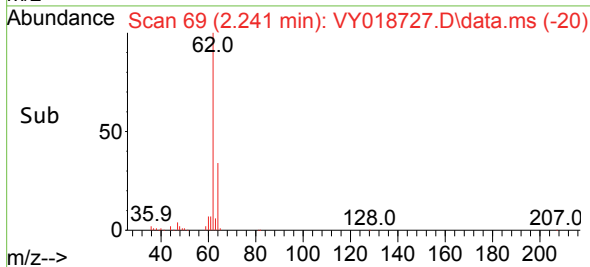
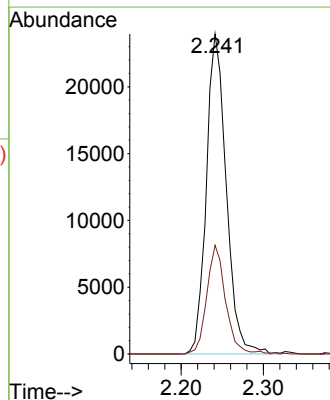
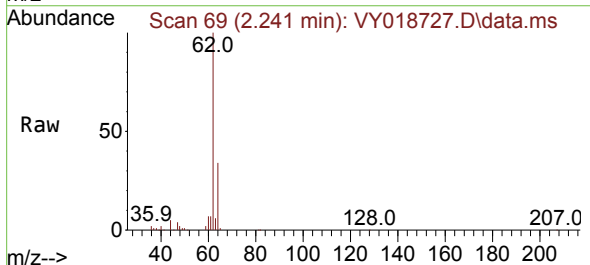
Instrument :  
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ClientSampleId :

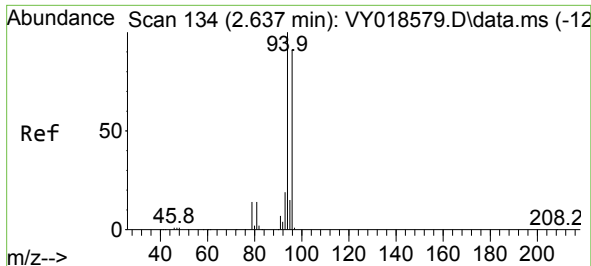
Tgt Ion: 50 Resp: 30473  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 18.876 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 62 Resp: 40242  
Ion Ratio Lower Upper  
62 100  
64 33.9 26.1 39.1

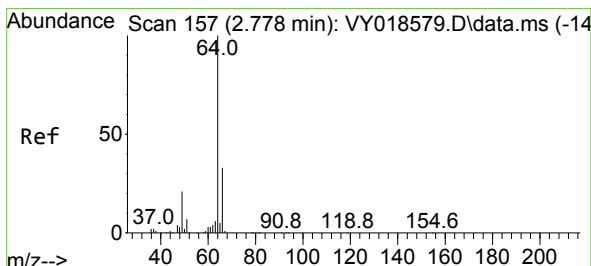
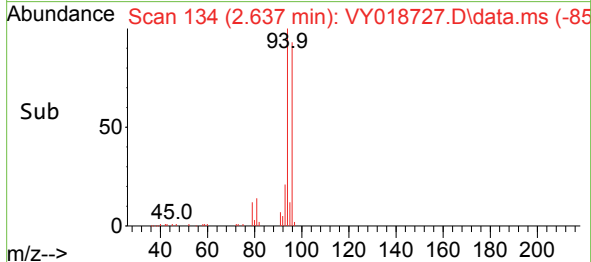
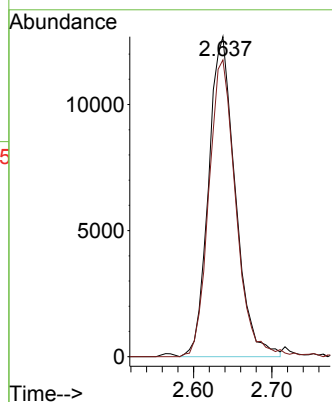
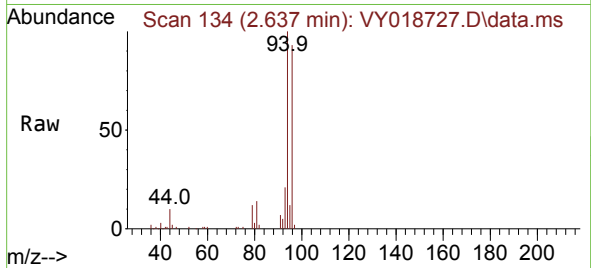




#5  
Bromomethane  
Concen: 19.008 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

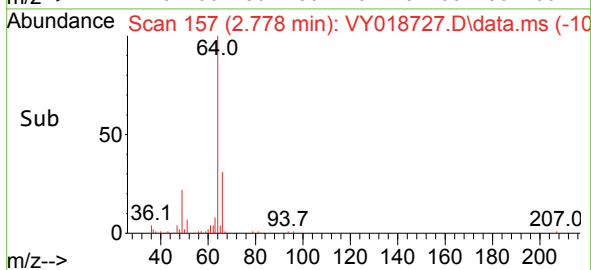
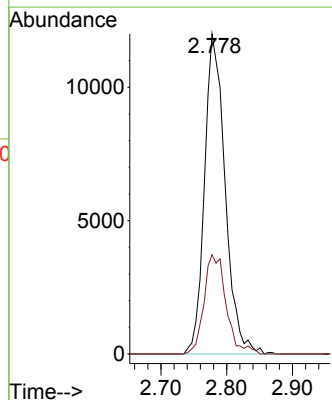
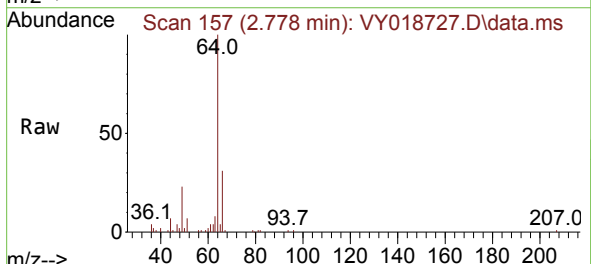
Instrument :  
MSVOA\_Y  
ClientSampleId :

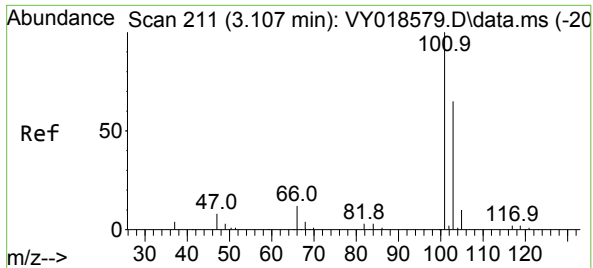
Tgt Ion: 94 Resp: 30120  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.1 111.1



#6  
Chloroethane  
Concen: 18.735 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 64 Resp: 26165  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.1 39.1

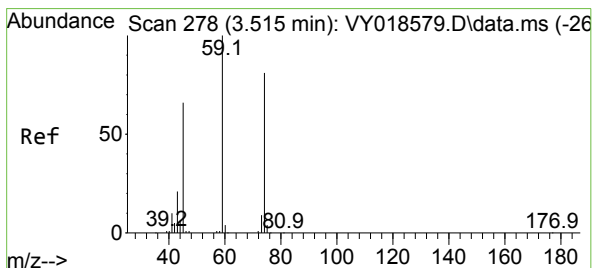
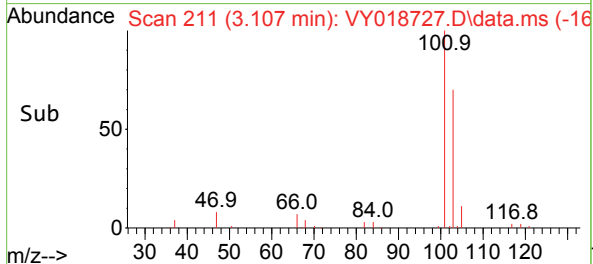
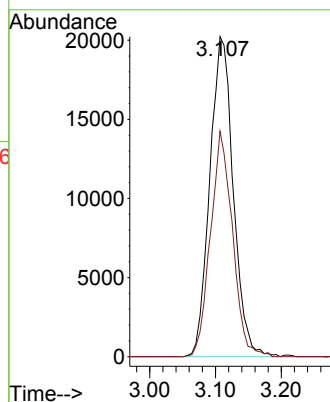
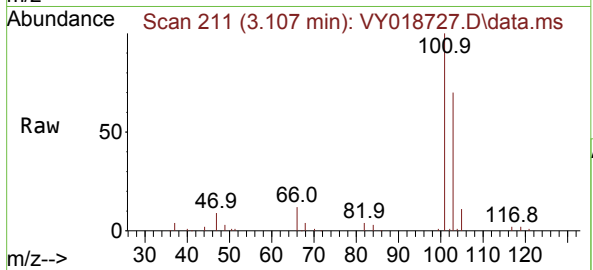




#7  
 Trichlorofluoromethane  
 Concen: 21.850 ug/l  
 RT: 3.107 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

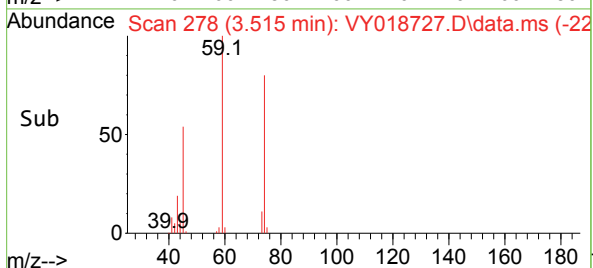
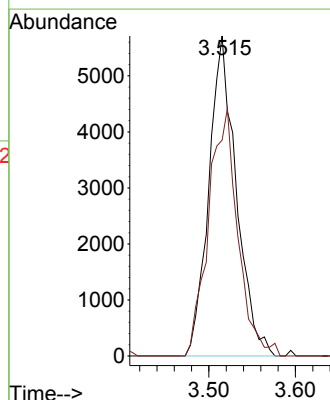
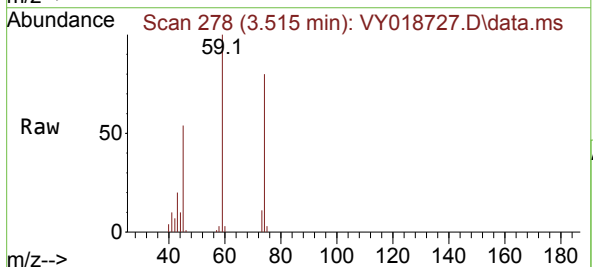
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

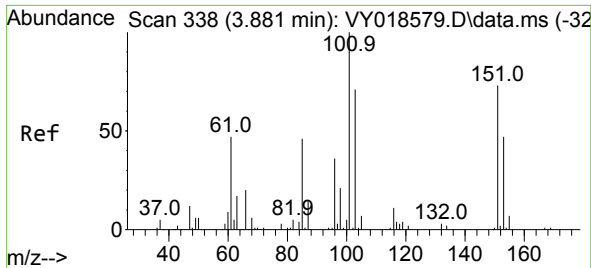
Tgt Ion:101 Resp: 50161  
 Ion Ratio Lower Upper  
 101 100  
 103 70.4 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 19.200 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

Tgt Ion: 74 Resp: 12568  
 Ion Ratio Lower Upper  
 74 100  
 45 82.2 41.3 124.1

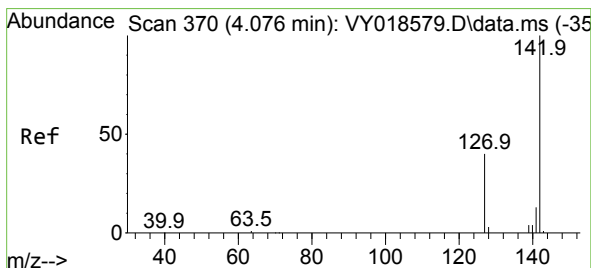
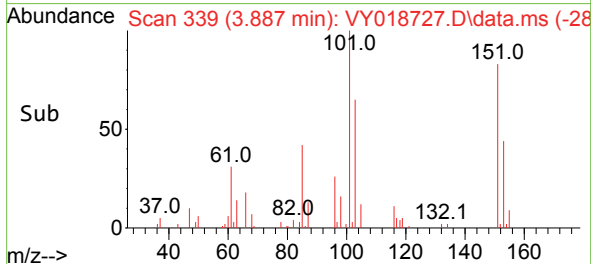
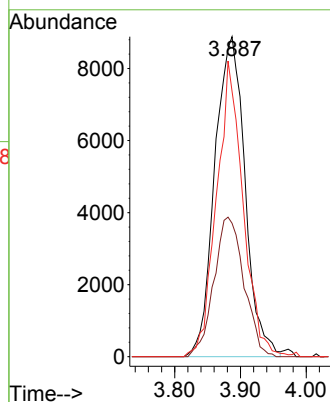
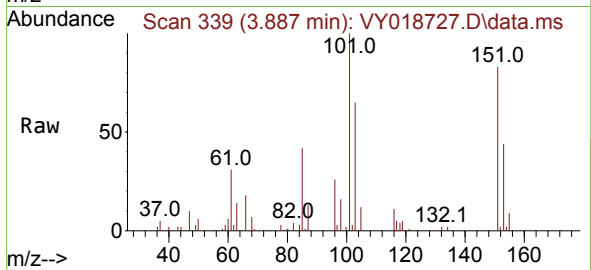




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.662 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

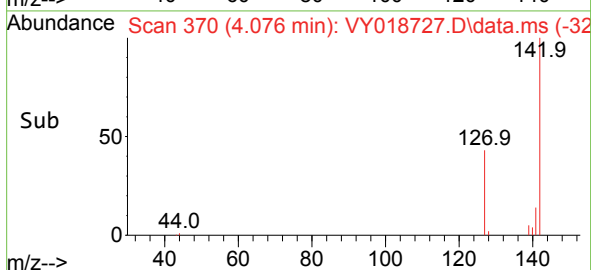
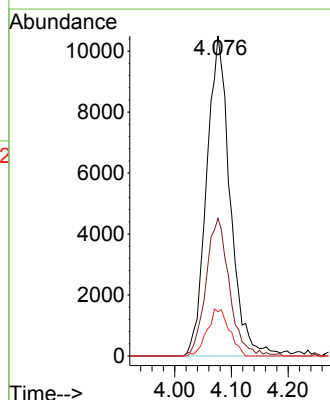
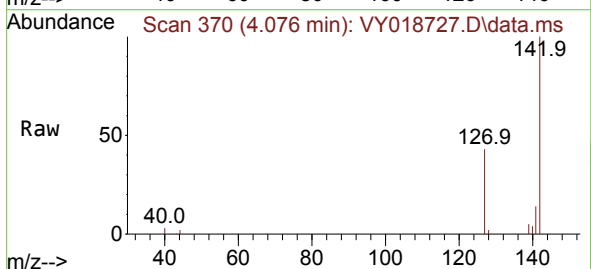
Instrument :  
MSVOA\_Y  
ClientSampleId :

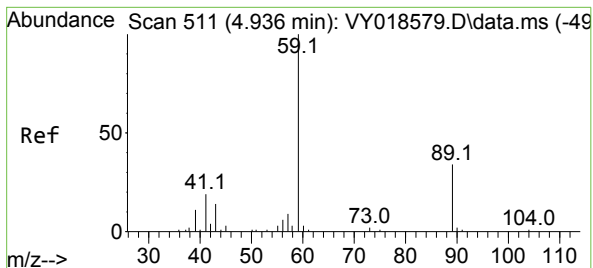
Tgt Ion:101 Resp: 28382  
Ion Ratio Lower Upper  
101 100  
85 43.5 34.5 51.7  
151 80.9 61.7 92.5



#10  
Methyl Iodide  
Concen: 21.197 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion:142 Resp: 30154  
Ion Ratio Lower Upper  
142 100  
127 43.0 32.8 49.2  
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 30.432 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.012 min

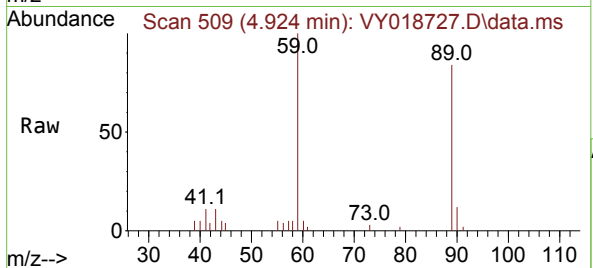
Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

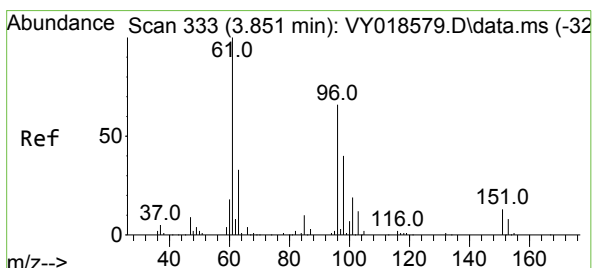
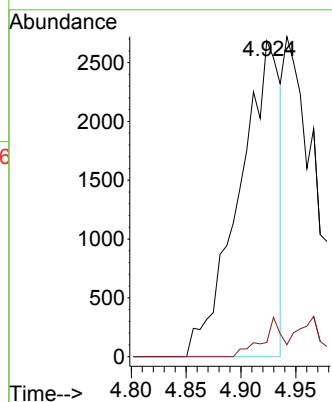


Tgt Ion: 59 Resp: 6994

Ion Ratio Lower Upper

59 100

57 5.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 21.775 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

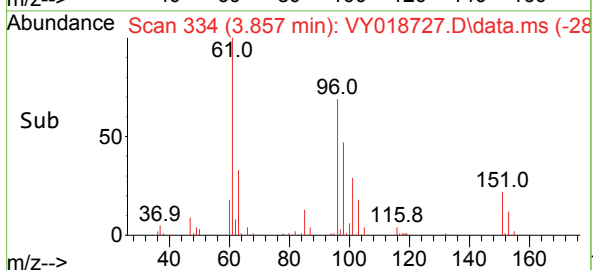
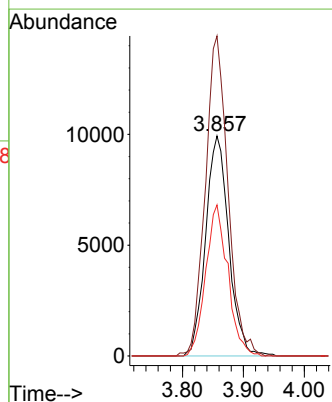
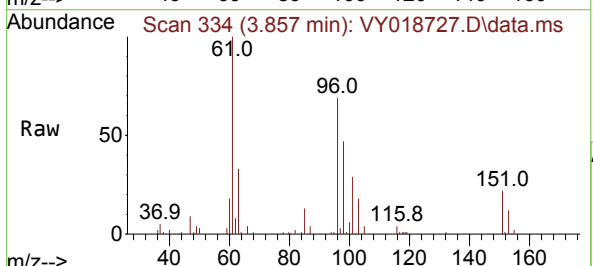
Tgt Ion: 96 Resp: 26248

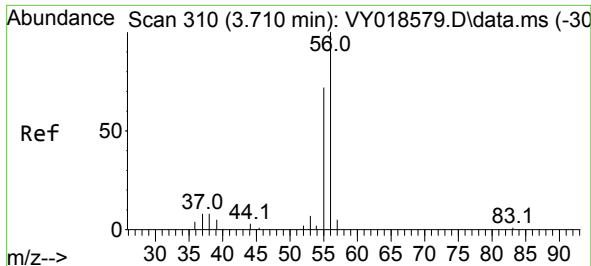
Ion Ratio Lower Upper

96 100

61 145.4 114.6 171.8

98 68.7 50.8 76.2





#13

Acrolein

Concen: 50.672 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

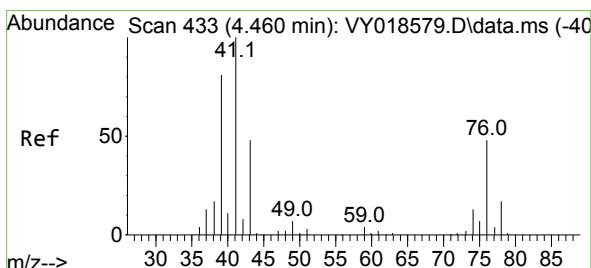
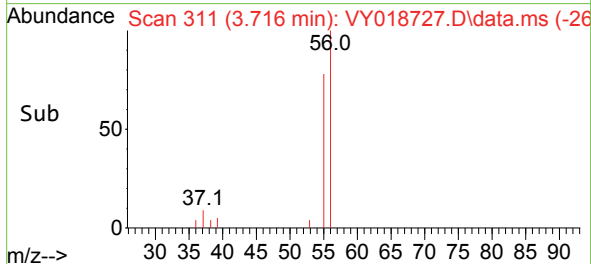
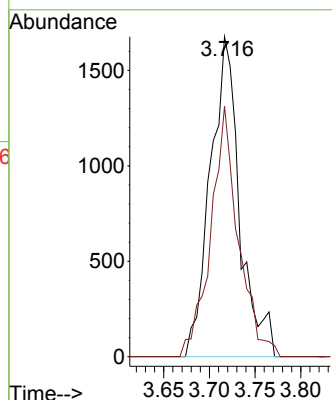
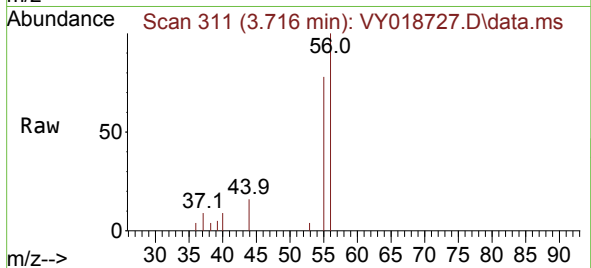
ClientSampleId :

Tgt Ion: 56 Resp: 3744

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 19.294 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

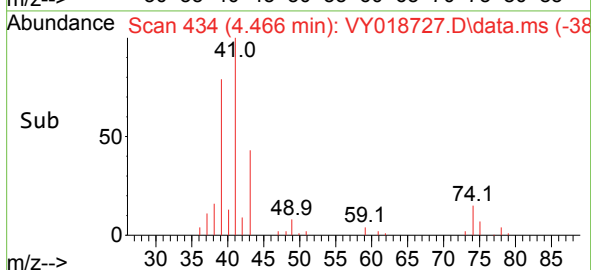
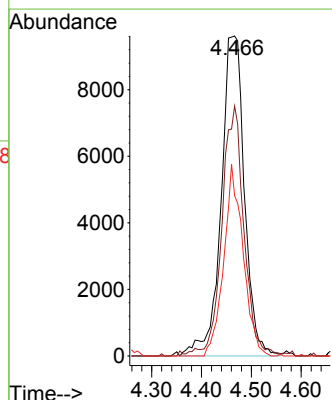
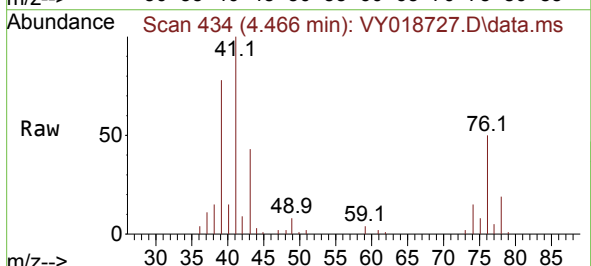
Tgt Ion: 41 Resp: 31355

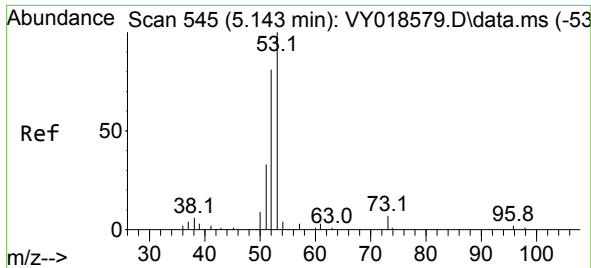
Ion Ratio Lower Upper

41 100

39 71.2 58.3 87.5

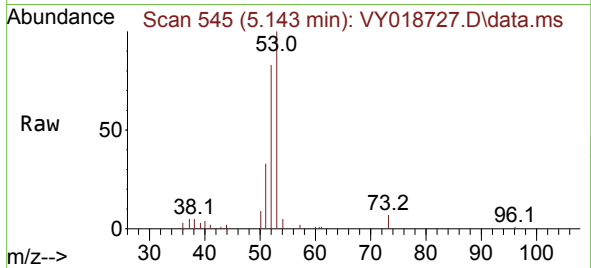
76 49.3 39.0 58.6



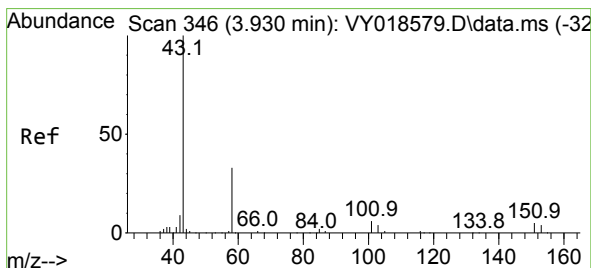
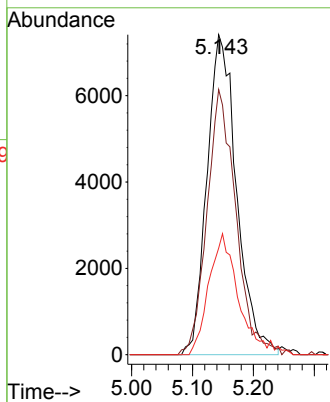
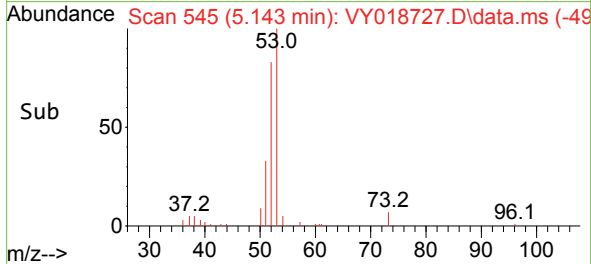


#15  
Acrylonitrile  
Concen: 86.203 ug/l  
RT: 5.143 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

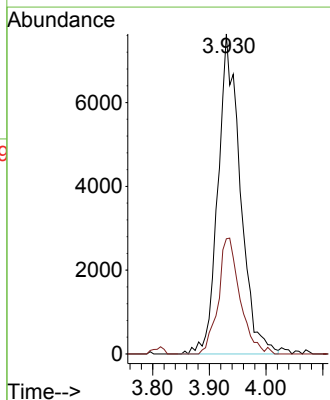
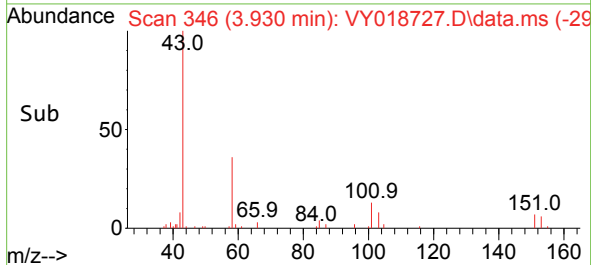
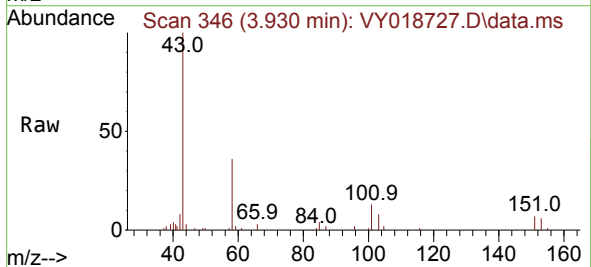


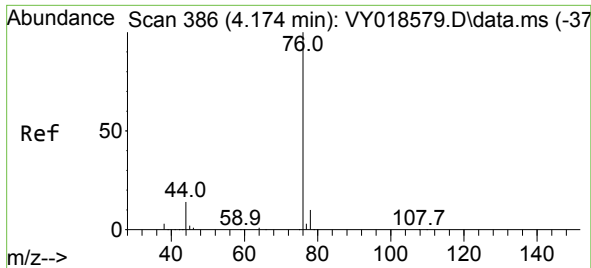
Tgt Ion: 53 Resp: 25102  
Ion Ratio Lower Upper  
53 100  
52 80.8 64.7 97.1  
51 38.2 28.4 42.6



#16  
Acetone  
Concen: 80.131 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 43 Resp: 20830  
Ion Ratio Lower Upper  
43 100  
58 36.0 31.7 47.5

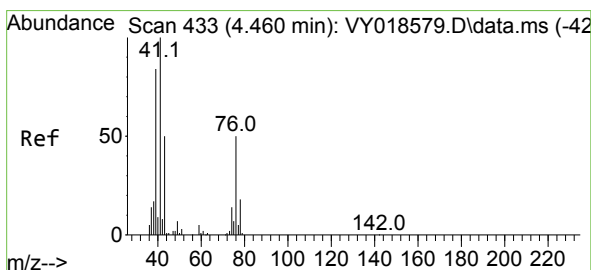
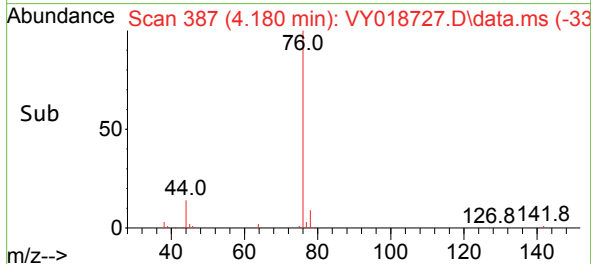
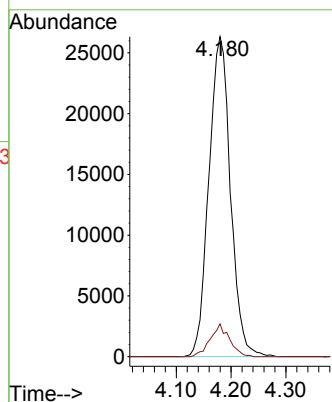
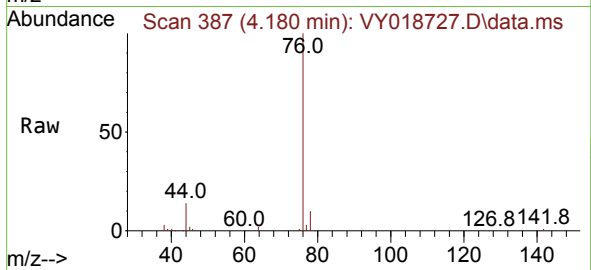




#17  
Carbon Disulfide  
Concen: 21.028 ug/l  
RT: 4.180 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

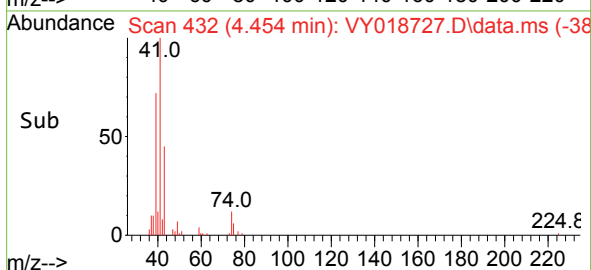
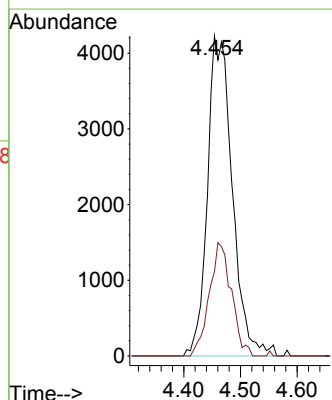
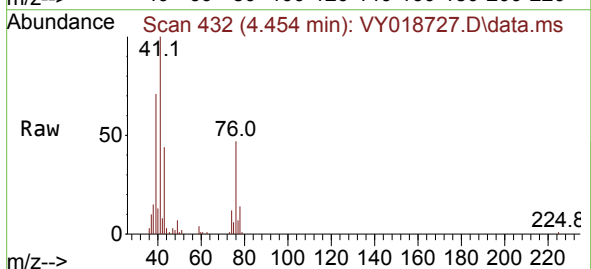
Instrument :  
MSVOA\_Y  
ClientSampleId :

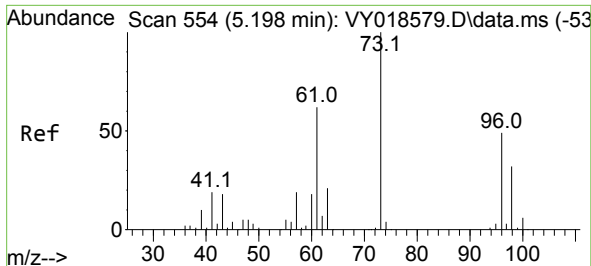
Tgt Ion: 76 Resp: 71957  
Ion Ratio Lower Upper  
76 100  
78 10.3 6.8 10.2#



#18  
Methyl Acetate  
Concen: 19.493 ug/l  
RT: 4.454 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 43 Resp: 12853  
Ion Ratio Lower Upper  
43 100  
74 31.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.684 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

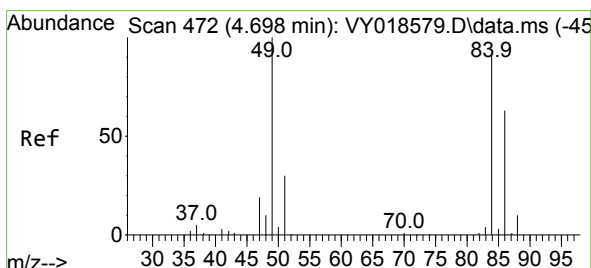
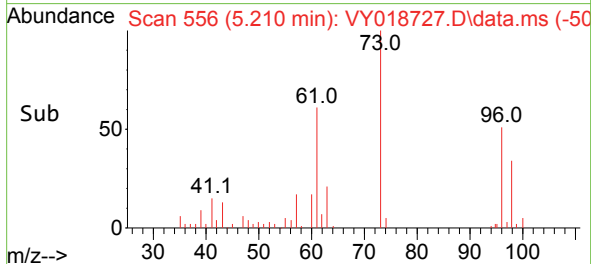
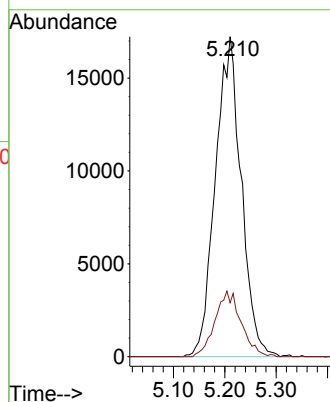
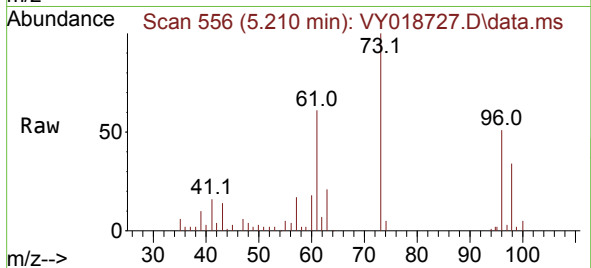
ClientSampleId :

Tgt Ion: 73 Resp: 60078

Ion Ratio Lower Upper

73 100

57 16.8 17.3 25.9#



#20

Methylene Chloride

Concen: 25.585 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Tgt Ion: 84 Resp: 47997

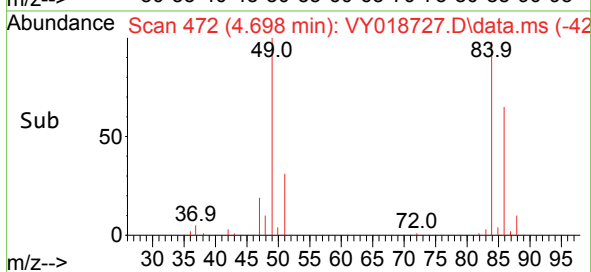
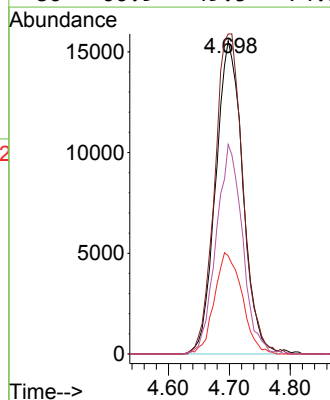
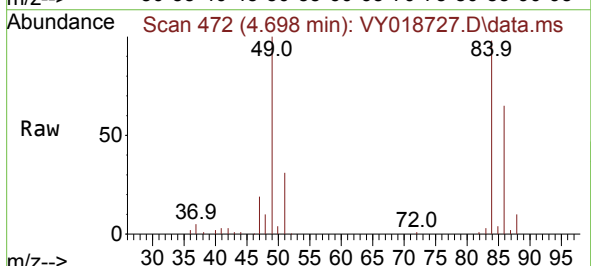
Ion Ratio Lower Upper

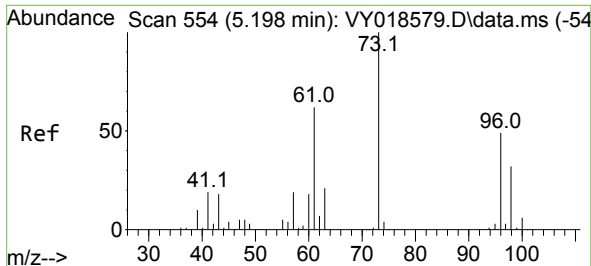
84 100

49 102.2 84.4 126.6

51 31.3 26.0 39.0

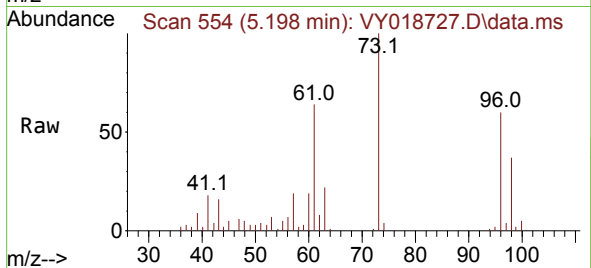
86 66.9 49.5 74.3



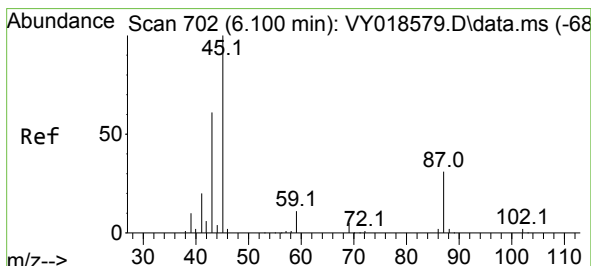
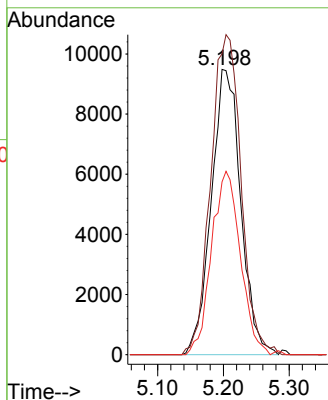
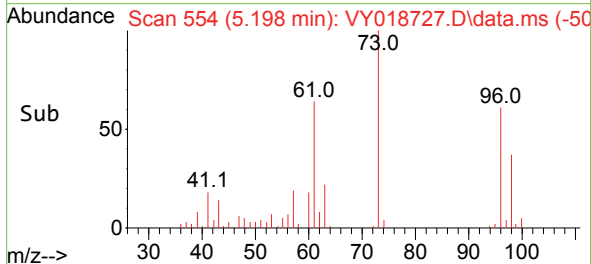


#21  
trans-1,2-Dichloroethene  
Concen: 21.567 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

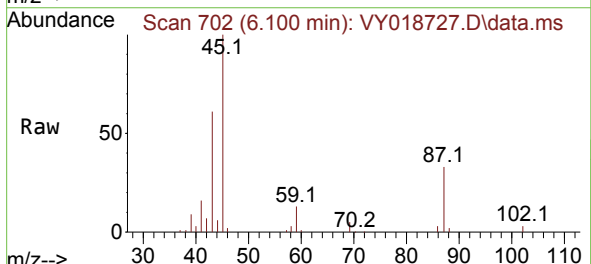
Instrument :  
MSVOA\_Y  
ClientSampleId :



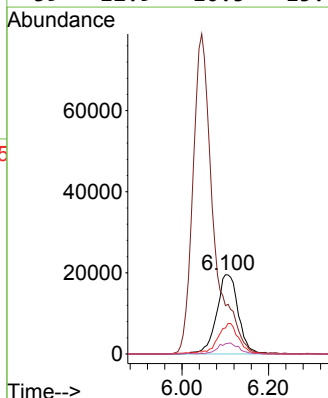
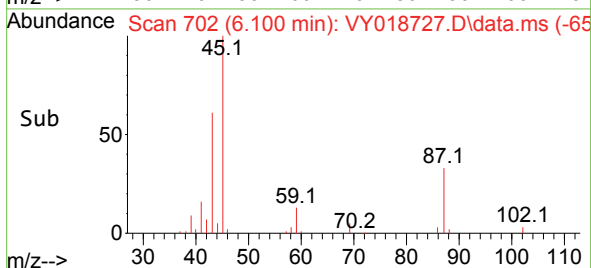
Tgt Ion: 96 Resp: 29594  
Ion Ratio Lower Upper  
96 100  
61 105.5 97.5 146.3  
98 60.6 50.5 75.7

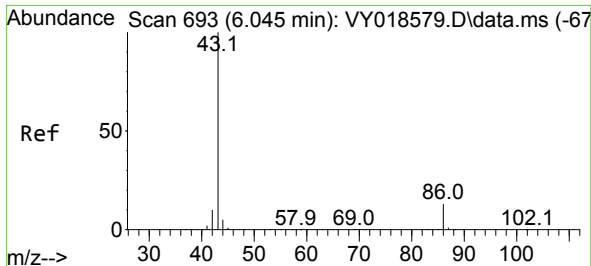


#22  
Diisopropyl ether  
Concen: 18.563 ug/l  
RT: 6.100 min Scan# 702  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56



Tgt Ion: 45 Resp: 68102  
Ion Ratio Lower Upper  
45 100  
43 59.9 42.2 63.2  
87 32.7 25.0 37.6  
59 12.9 10.5 15.7

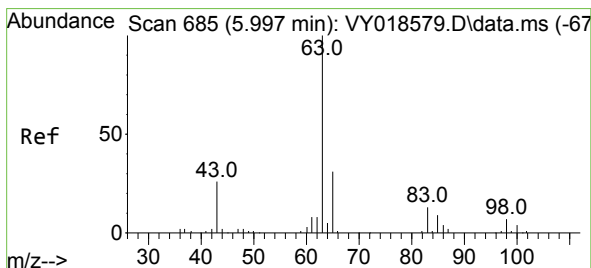
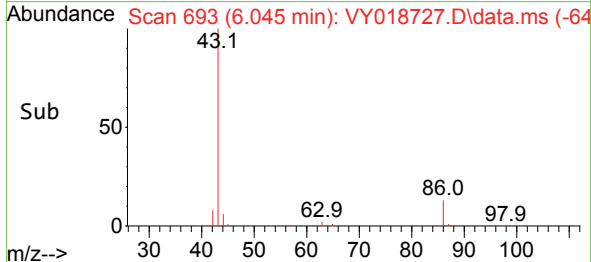
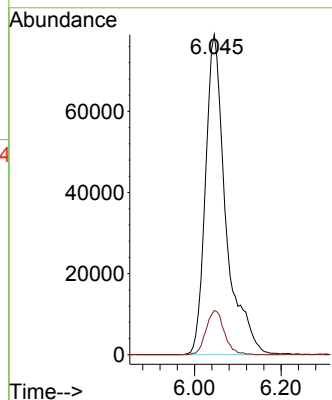
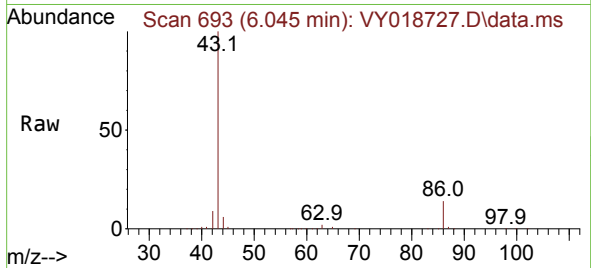




#23  
 Vinyl Acetate  
 Concen: 86.939 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

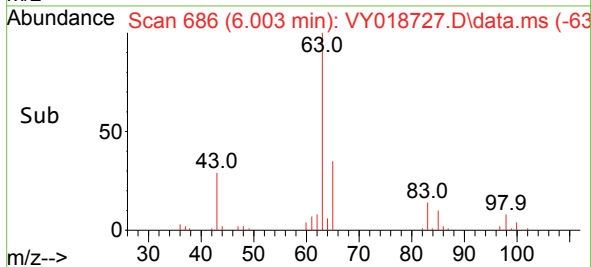
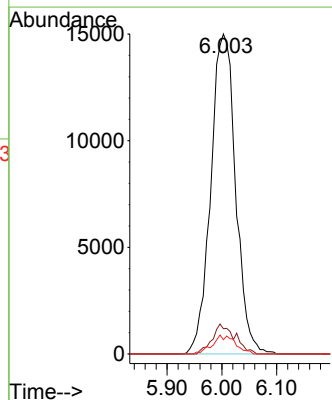
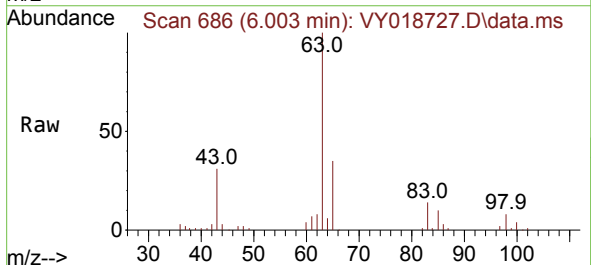
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

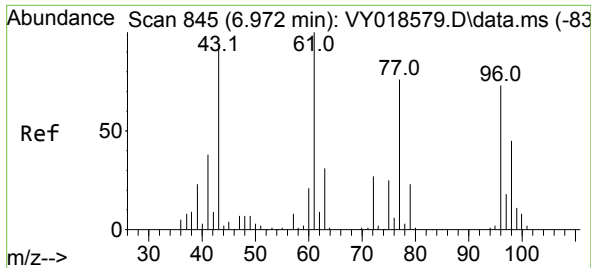
Tgt Ion: 43 Resp: 257975  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 20.004 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. 0.006 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

Tgt Ion: 63 Resp: 47280  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 4.0 12.2  
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 81.560 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

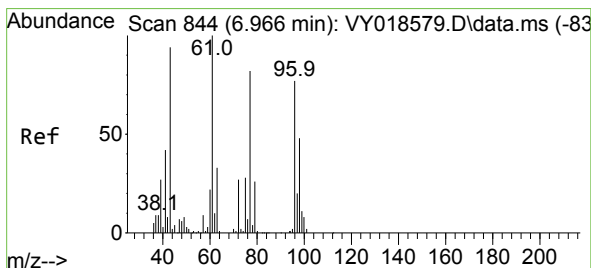
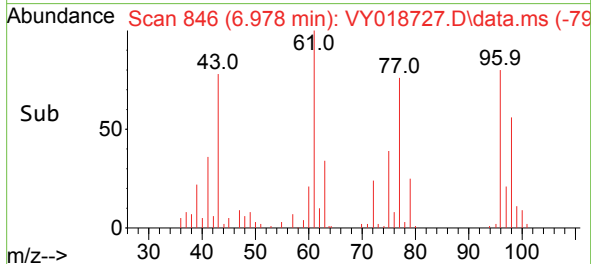
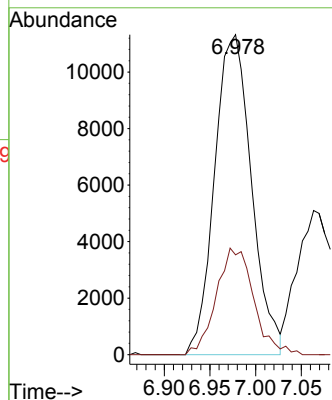
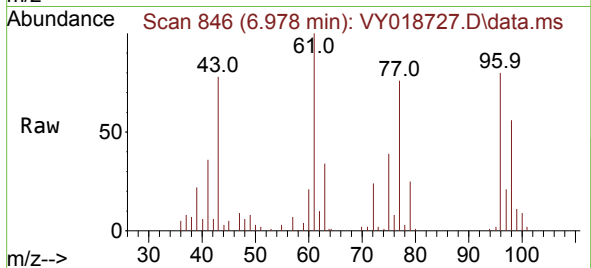
ClientSampleId :

Tgt Ion: 43 Resp: 31780

Ion Ratio Lower Upper

43 100

72 31.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.442 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY018727.D

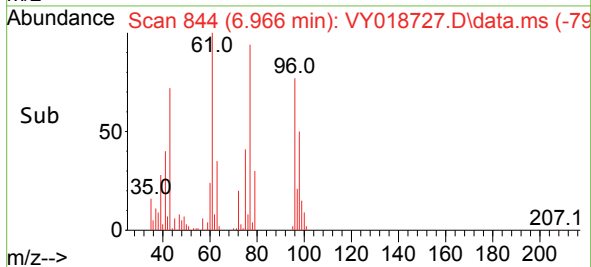
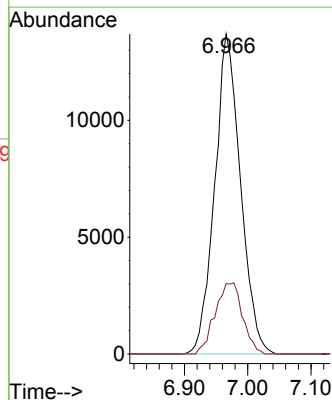
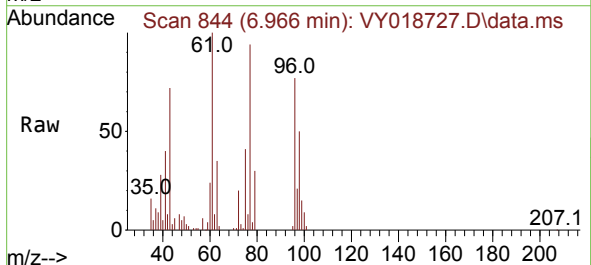
Acq: 28 Jun 2024 11:56

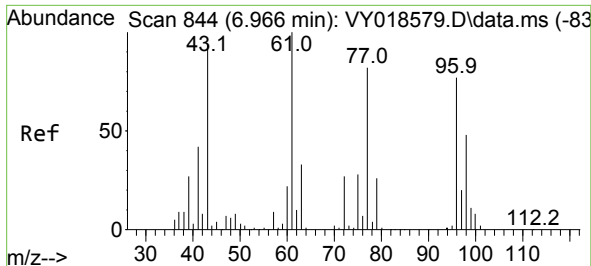
Tgt Ion: 77 Resp: 38715

Ion Ratio Lower Upper

77 100

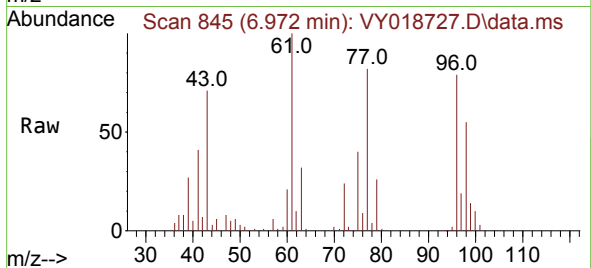
97 23.6 12.0 36.1





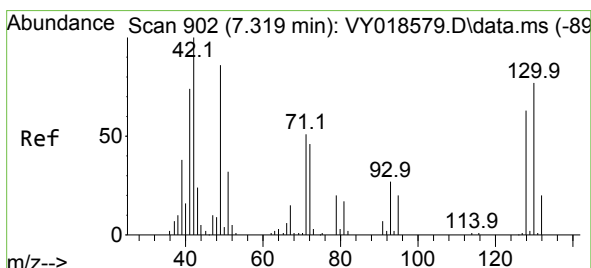
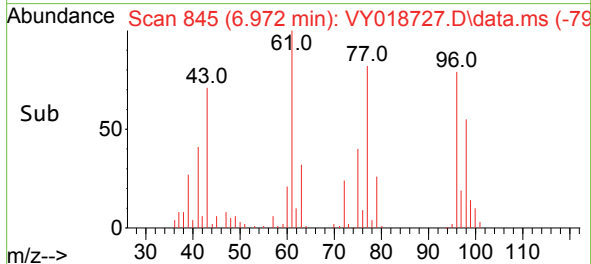
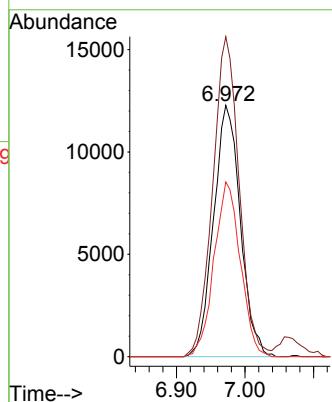
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.094 ug/l  
 RT: 6.972 min Scan# 844  
 Delta R.T. 0.006 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 33305  

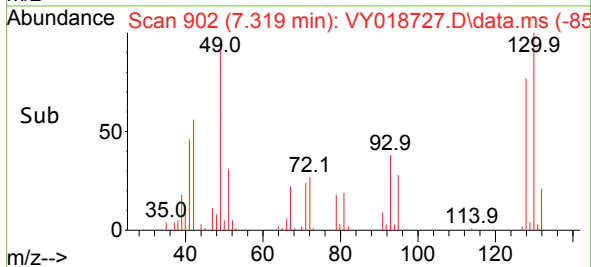
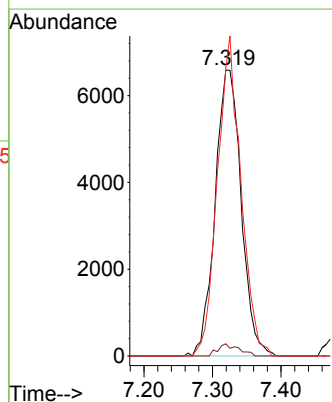
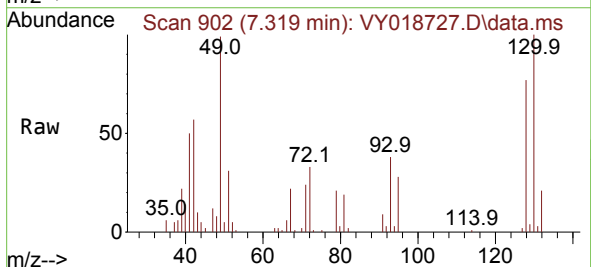
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.7 | 0.0   | 256.2 |
| 98  | 68.2  | 0.0   | 130.0 |

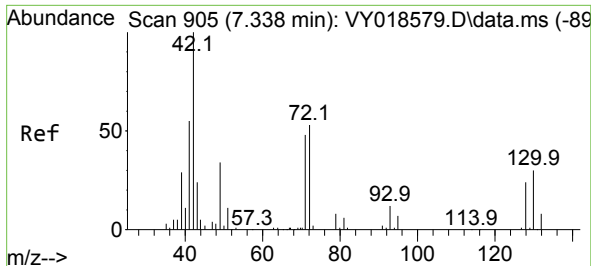


#28  
 Bromochloromethane  
 Concen: 17.917 ug/l  
 RT: 7.319 min Scan# 902  
 Delta R.T. -0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

Tgt Ion: 49 Resp: 17357  

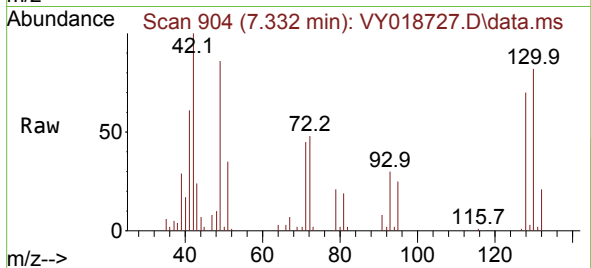
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 3.4   | 0.0   | 4.6   |
| 130 | 101.0 | 72.7  | 109.1 |



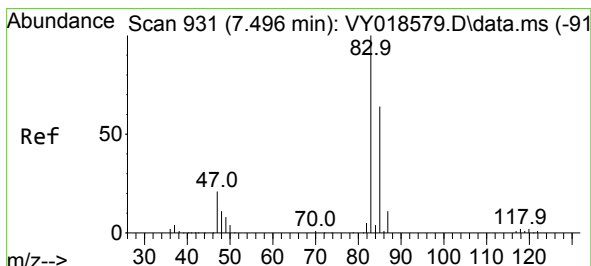
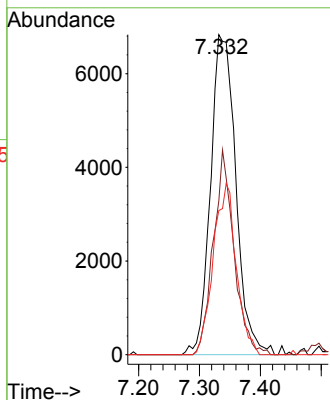
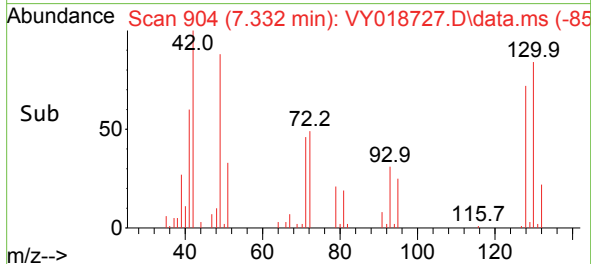


#29  
Tetrahydrofuran  
Concen: 82.410 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

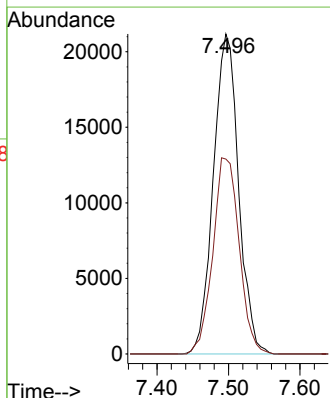
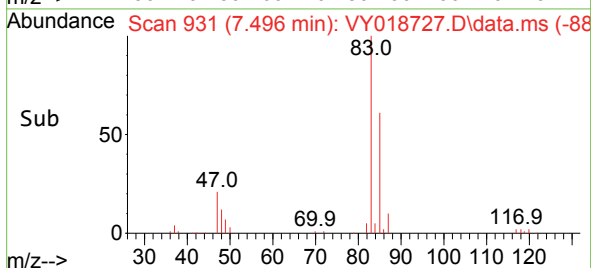
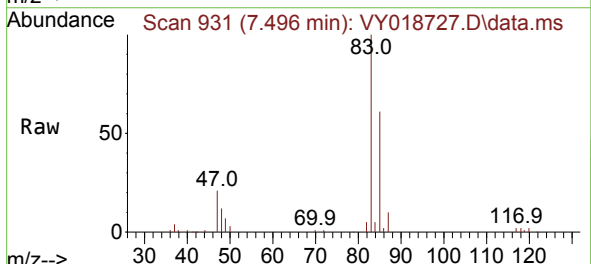


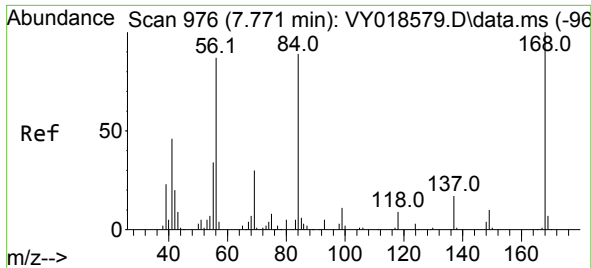
Tgt Ion: 42 Resp: 19706  
Ion Ratio Lower Upper  
42 100  
72 52.4 43.0 64.4  
71 48.6 40.8 61.2



#30  
Chloroform  
Concen: 20.137 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

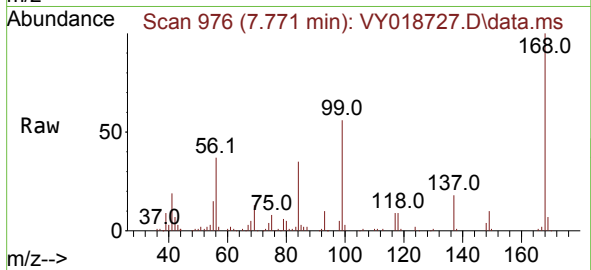
Tgt Ion: 83 Resp: 51868  
Ion Ratio Lower Upper  
83 100  
85 60.9 52.2 78.4



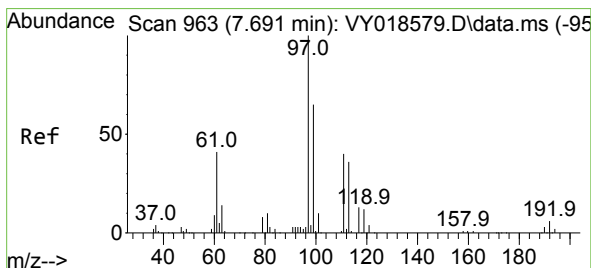
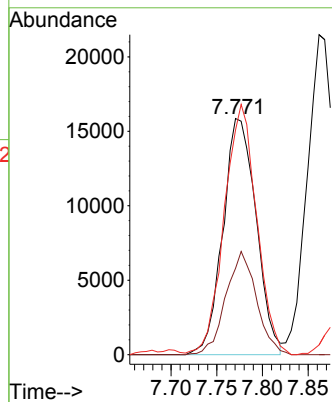
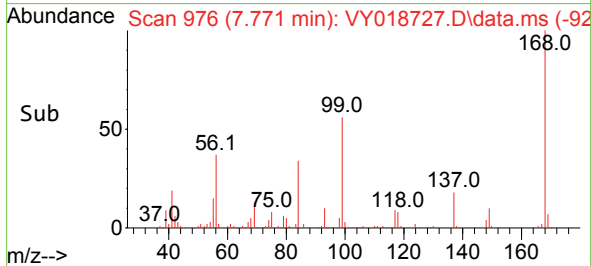


#31  
Cyclohexane  
Concen: 20.504 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

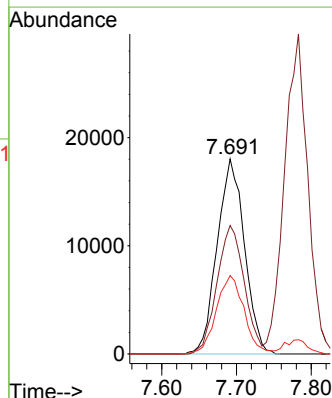
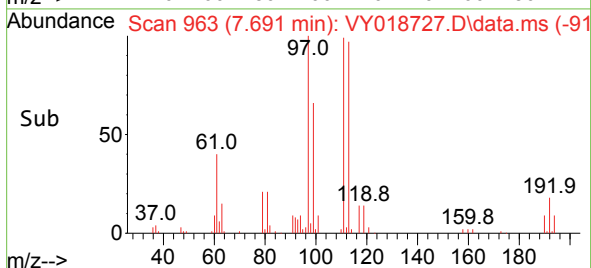
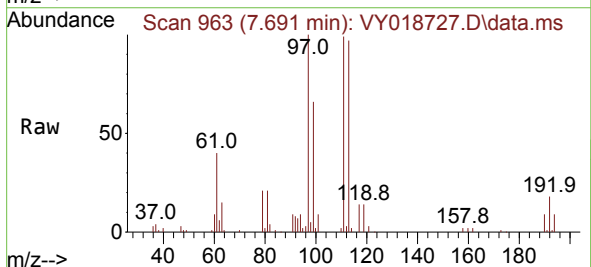


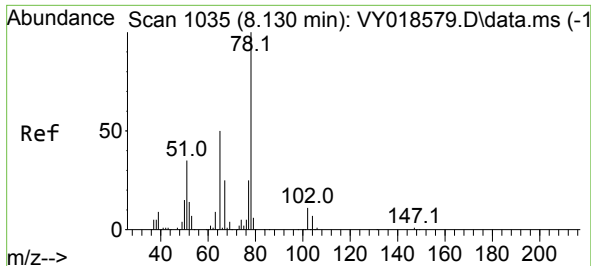
Tgt Ion: 56 Resp: 40130  
Ion Ratio Lower Upper  
56 100  
69 36.6 28.7 43.1  
84 94.2 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 20.969 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 97 Resp: 45886  
Ion Ratio Lower Upper  
97 100  
99 65.6 50.3 75.5  
61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.135 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

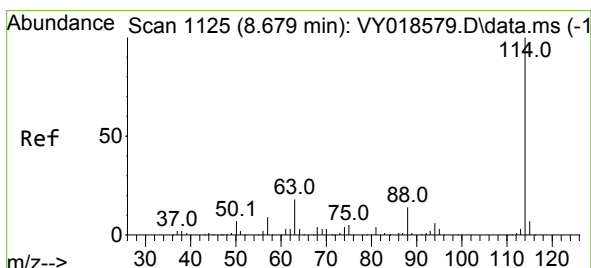
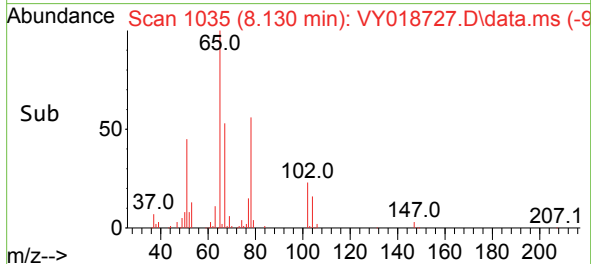
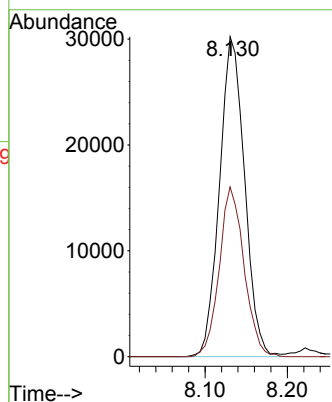
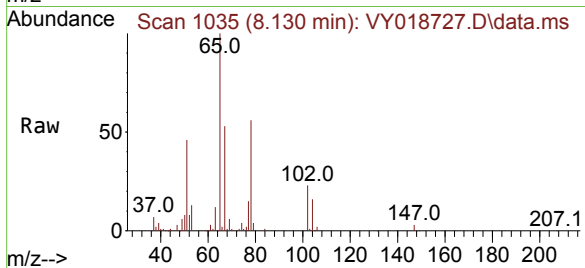
ClientSampleId :

Tgt Ion: 65 Resp: 64057

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

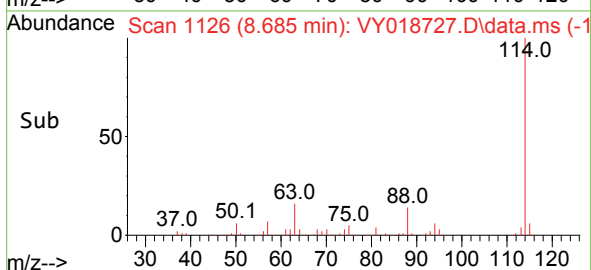
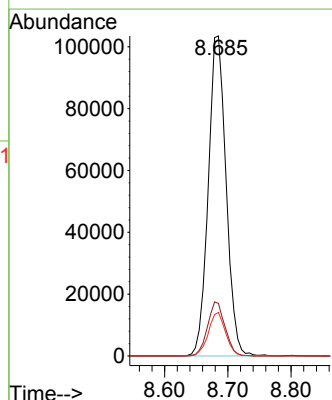
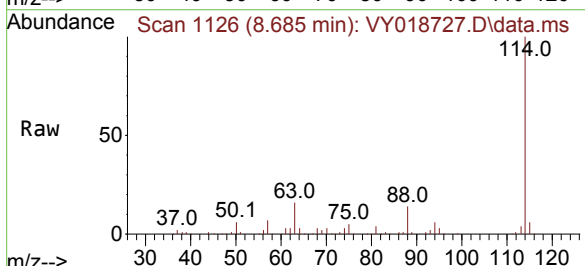
Tgt Ion:114 Resp: 203278

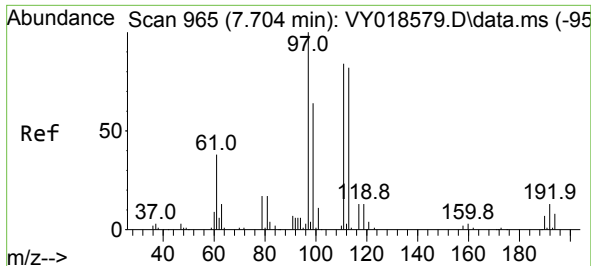
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

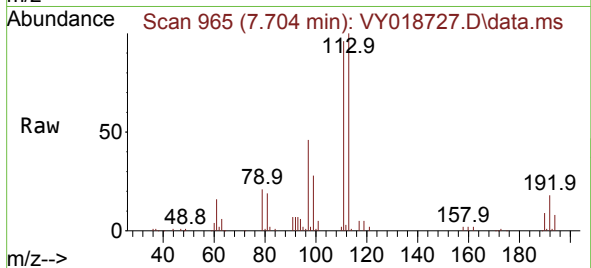
88 13.6 0.0 27.2



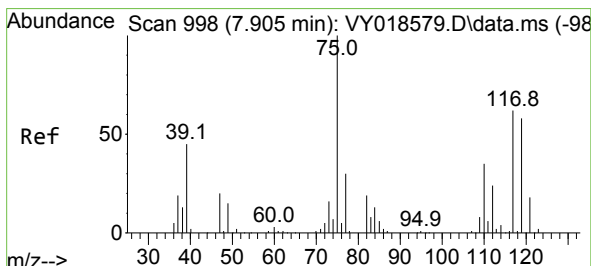
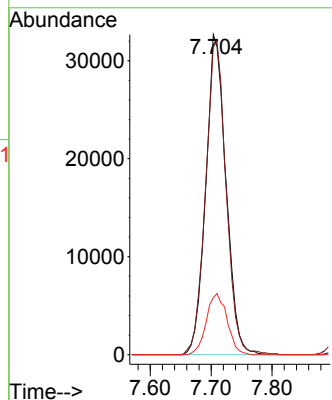
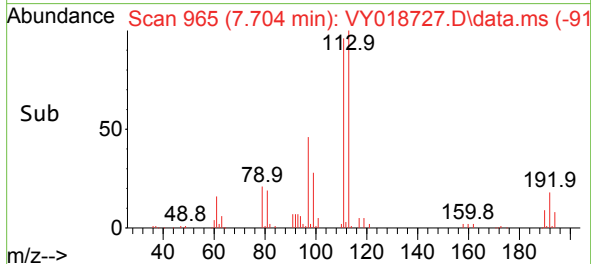


#35  
Dibromofluoromethane  
Concen: 60.581 ug/l  
RT: 7.704 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

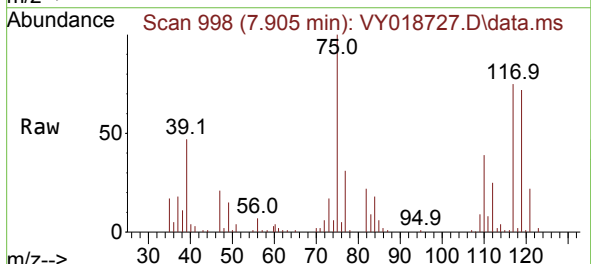
Instrument :  
MSVOA\_Y  
ClientSampleId :



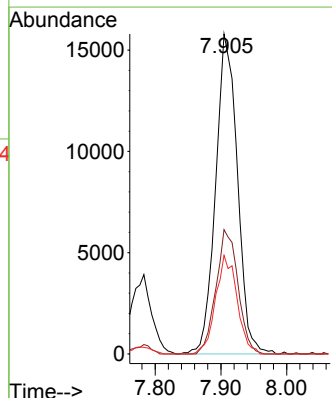
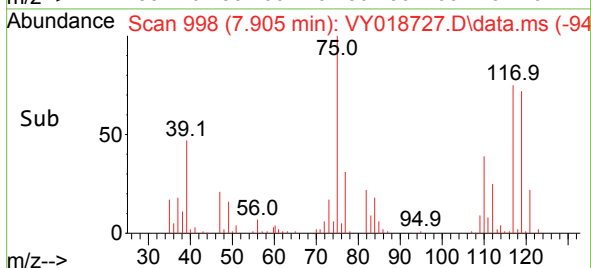
Tgt Ion:113 Resp: 75123  
Ion Ratio Lower Upper  
113 100  
111 99.8 82.2 123.4  
192 19.6 15.9 23.9

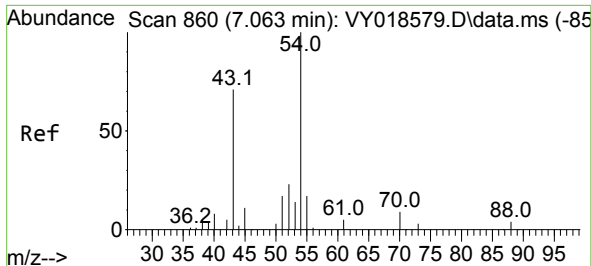


#36  
1,1-Dichloropropene  
Concen: 21.353 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56



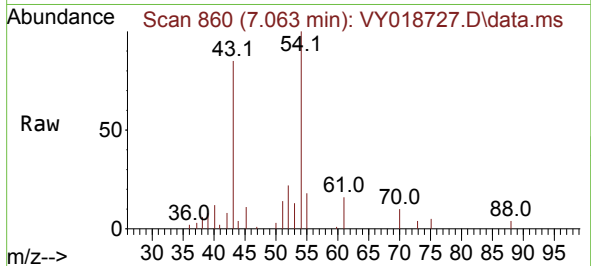
Tgt Ion: 75 Resp: 36447  
Ion Ratio Lower Upper  
75 100  
110 39.1 19.0 57.0  
77 30.4 25.3 37.9



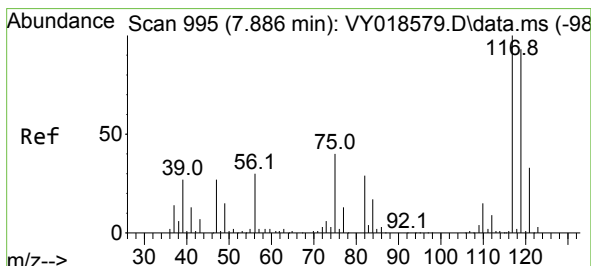
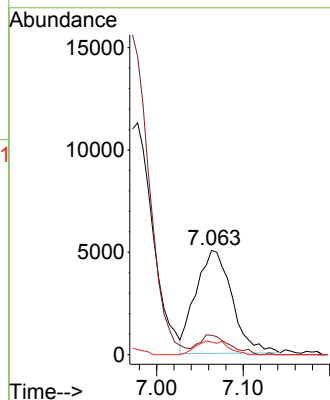
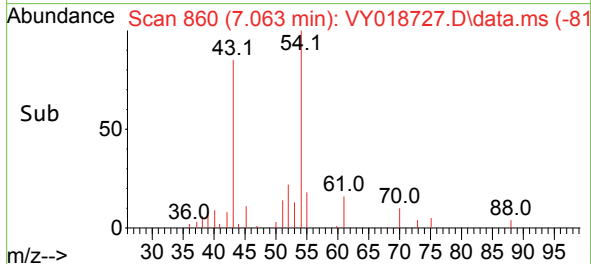


#37  
Ethyl Acetate  
Concen: 18.171 ug/l  
RT: 7.063 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

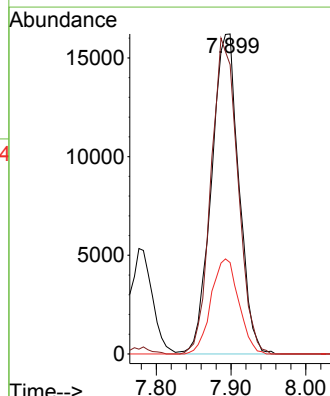
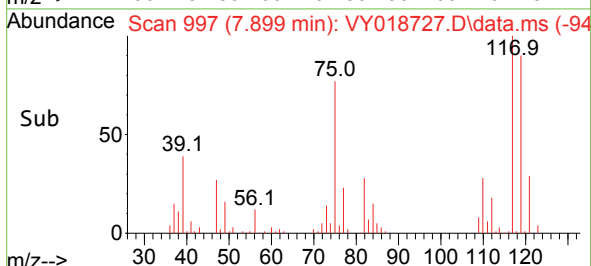
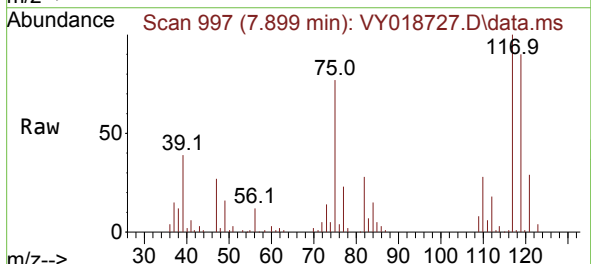


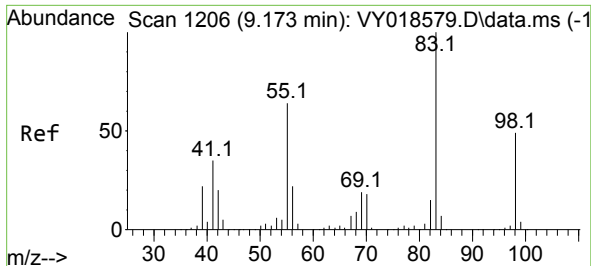
Tgt Ion: 43 Resp: 14621  
Ion Ratio Lower Upper  
43 100  
61 15.9 12.6 19.0  
70 11.5 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 23.029 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.012 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 117 Resp: 41238  
Ion Ratio Lower Upper  
117 100  
119 90.4 75.8 113.6  
121 28.6 24.0 36.0





#39

Methylcyclohexane

Concen: 22.984 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

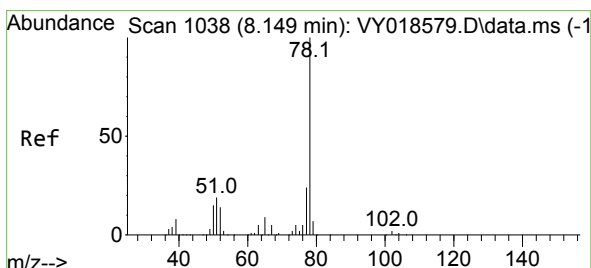
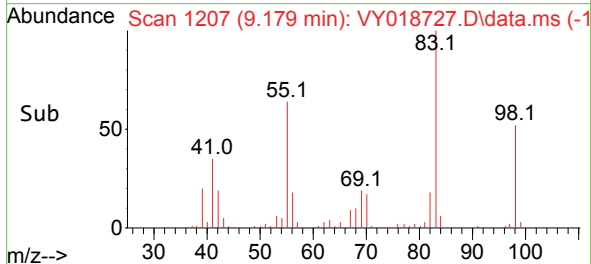
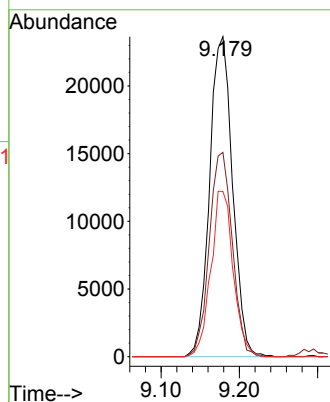
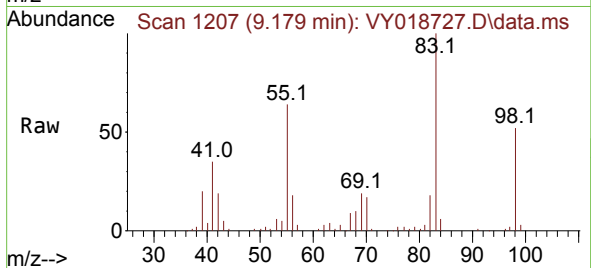
Tgt Ion: 83 Resp: 48069

Ion Ratio Lower Upper

83 100

55 63.8 51.5 77.3

98 51.6 40.5 60.7



#40

Benzene

Concen: 21.332 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018727.D

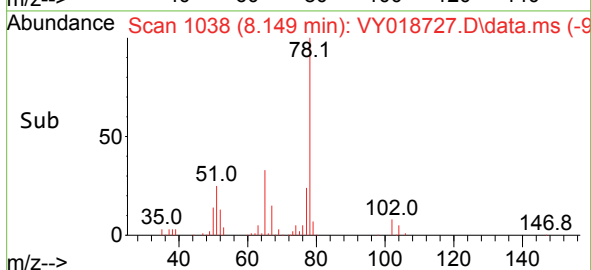
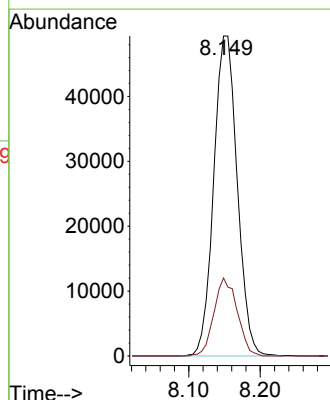
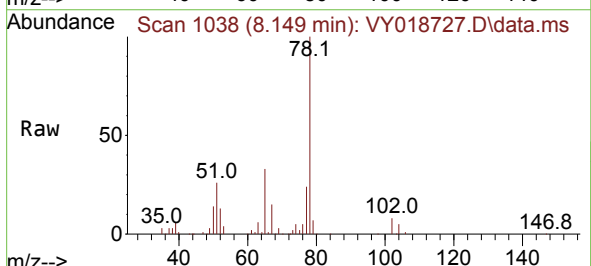
Acq: 28 Jun 2024 11:56

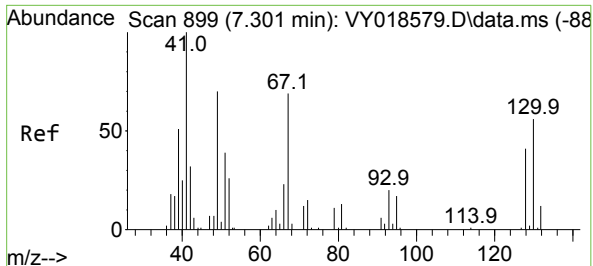
Tgt Ion: 78 Resp: 112606

Ion Ratio Lower Upper

78 100

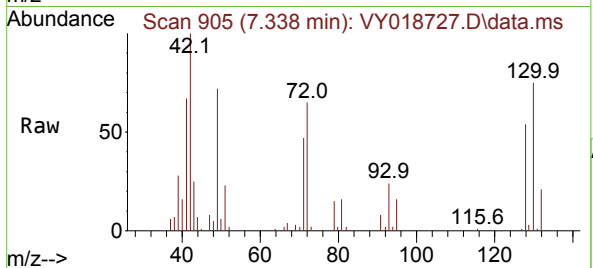
77 24.3 19.5 29.3



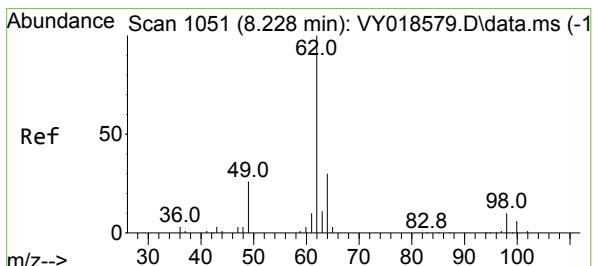
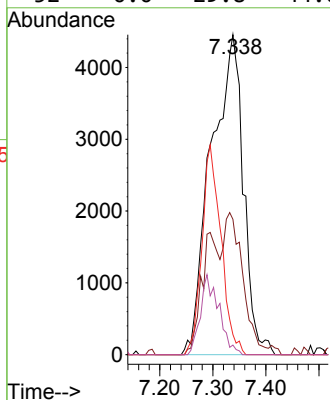
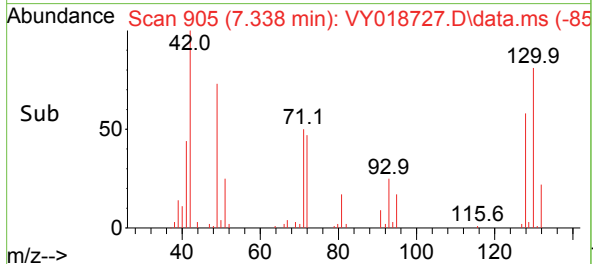


#41  
Methacrylonitrile  
Concen: 46.570 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

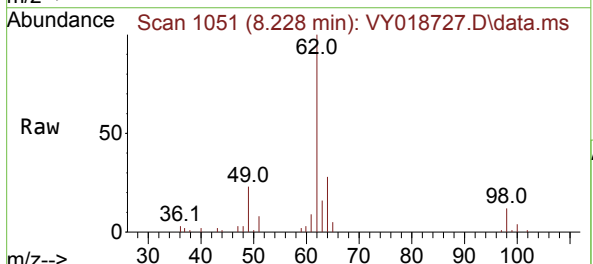
Instrument :  
MSVOA\_Y  
ClientSampleId :



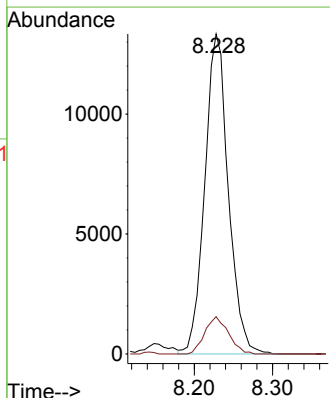
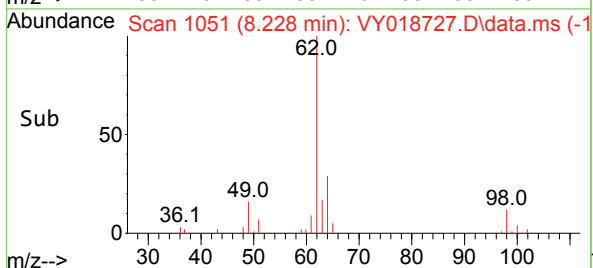
Tgt Ion: 41 Resp: 18846  
Ion Ratio Lower Upper  
41 100  
39 25.1 48.0 72.0#  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#

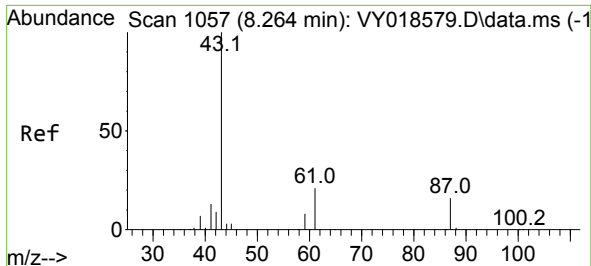


#42  
1,2-Dichloroethane  
Concen: 20.216 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56



Tgt Ion: 62 Resp: 27841  
Ion Ratio Lower Upper  
62 100  
98 11.7 0.0 22.0

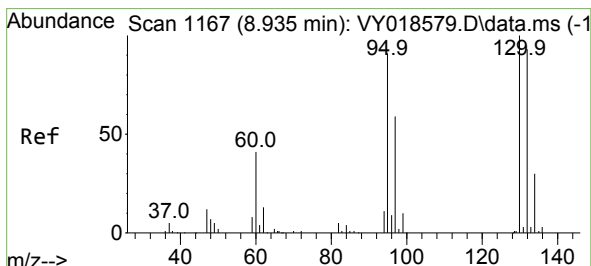
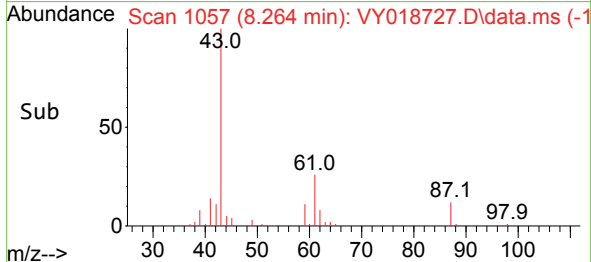
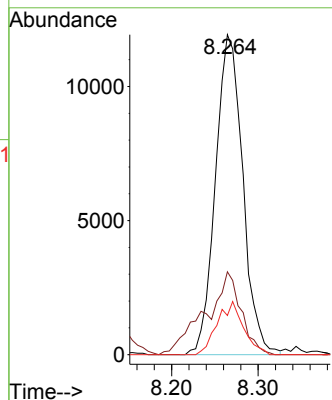
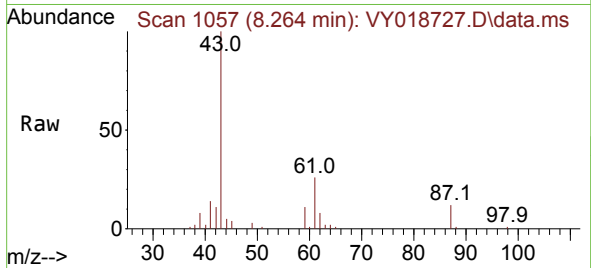




#43  
Isopropyl Acetate  
Concen: 17.416 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

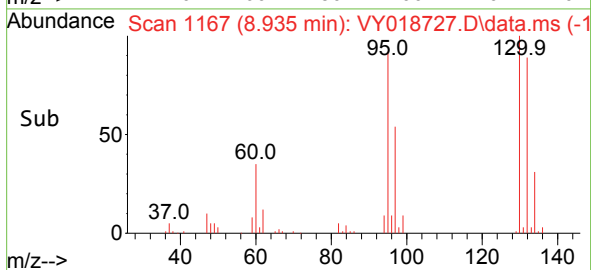
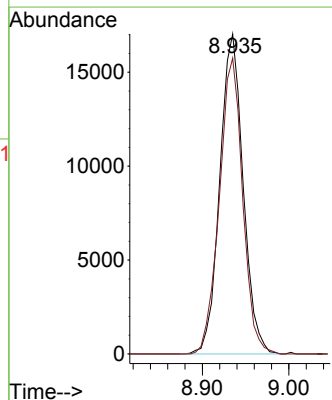
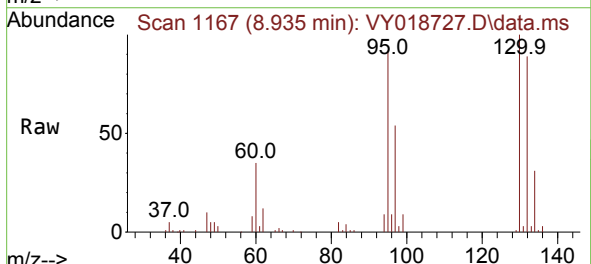
Instrument :  
MSVOA\_Y  
ClientSampleId :

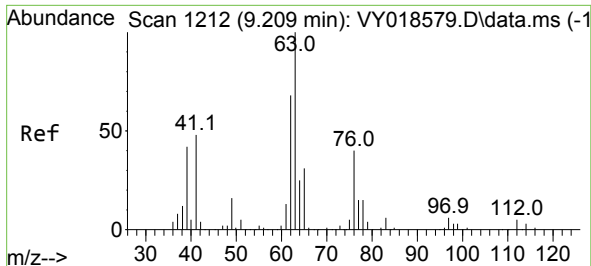
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 33.9  | 27.9  | 41.9  |
| 87      | 16.0  | 13.1  | 19.7  |



#44  
Trichloroethene  
Concen: 23.069 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.5  | 0.0   | 188.0 |

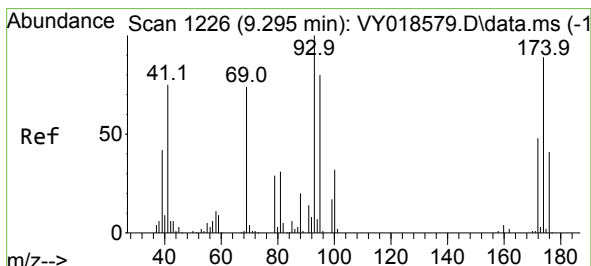
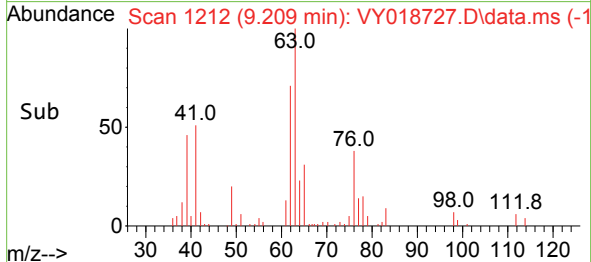
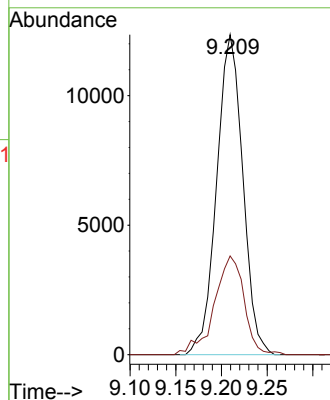
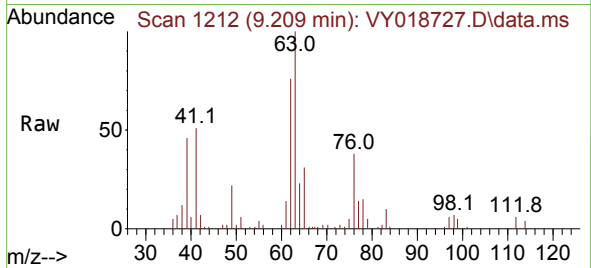




#45  
1,2-Dichloropropane  
Concen: 20.359 ug/l  
RT: 9.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

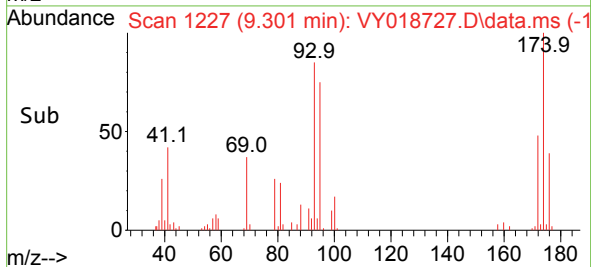
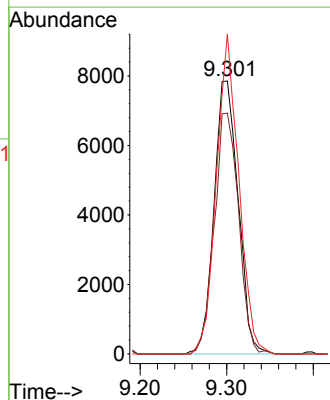
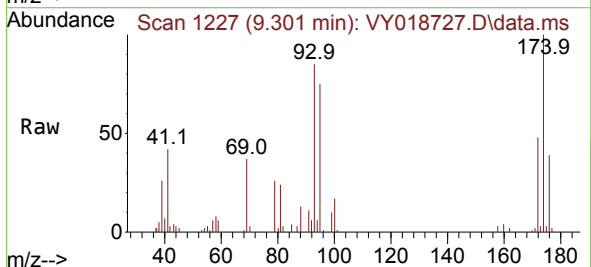
Instrument :  
MSVOA\_Y  
ClientSampleId :

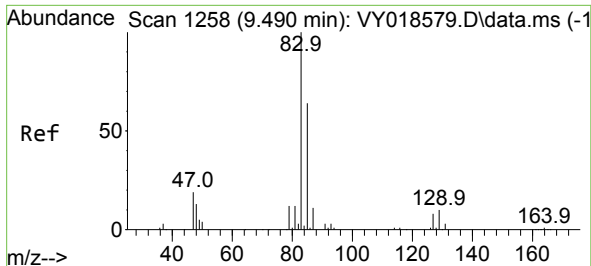
Tgt Ion: 63 Resp: 24574  
Ion Ratio Lower Upper  
63 100  
65 30.2 25.4 38.2



#46  
Dibromomethane  
Concen: 20.304 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 93 Resp: 15207  
Ion Ratio Lower Upper  
93 100  
95 89.0 66.2 99.4  
174 108.8 80.9 121.3

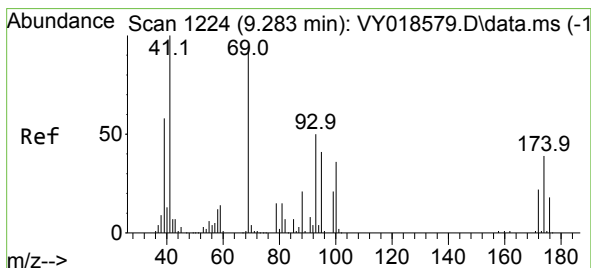
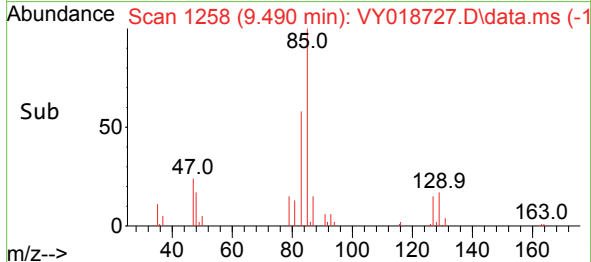
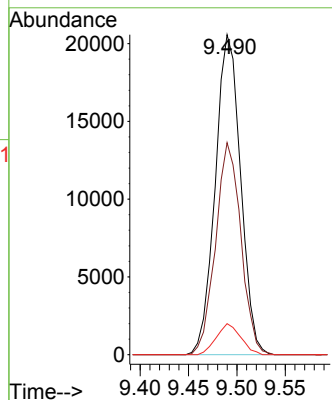
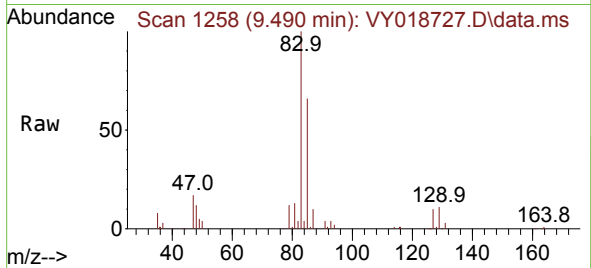




#47  
Bromodichloromethane  
Concen: 20.972 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

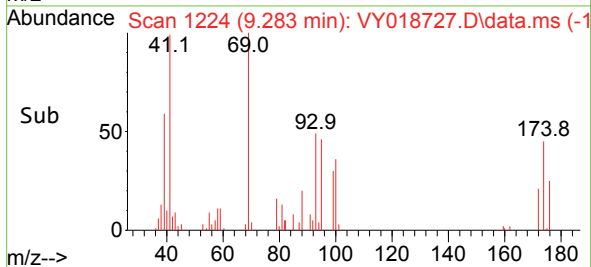
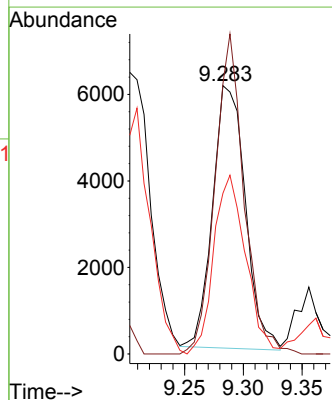
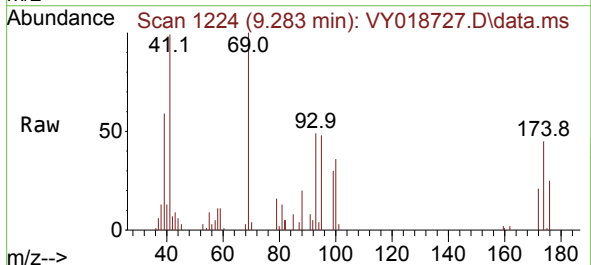
Instrument :  
MSVOA\_Y  
ClientSampleId :

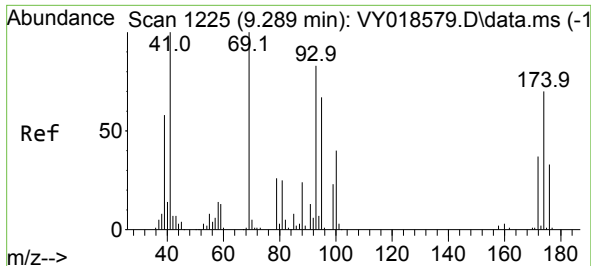
Tgt Ion: 83 Resp: 37489  
Ion Ratio Lower Upper  
83 100  
85 66.3 50.1 75.1  
127 9.7 7.4 11.0



#48  
Methyl methacrylate  
Concen: 17.390 ug/l  
RT: 9.283 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 41 Resp: 11757  
Ion Ratio Lower Upper  
41 100  
69 108.2 84.1 126.1  
39 66.8 43.6 65.4#





#49

1,4-Dioxane

Concen: 349.441 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

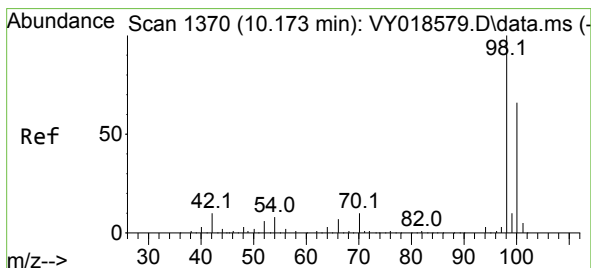
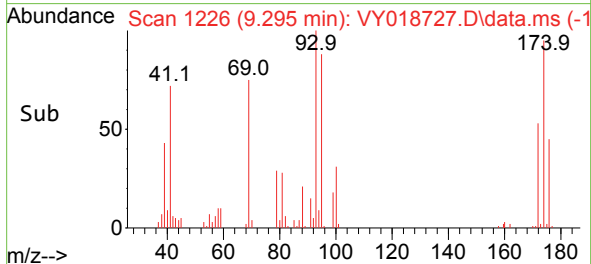
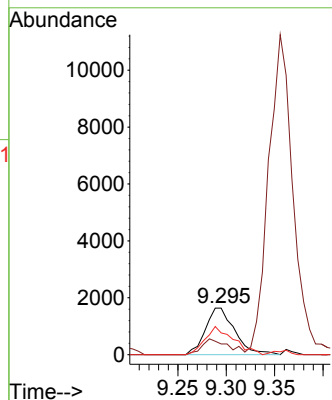
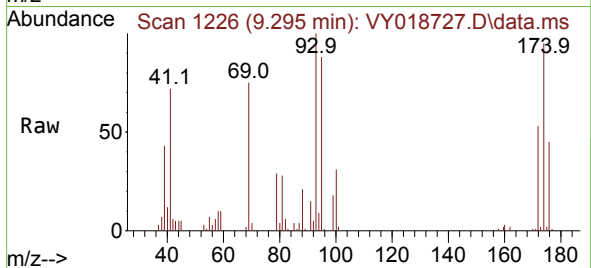
Tgt Ion: 88 Resp: 3442

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 58.5 49.3 73.9



#50

Toluene-d8

Concen: 57.686 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018727.D

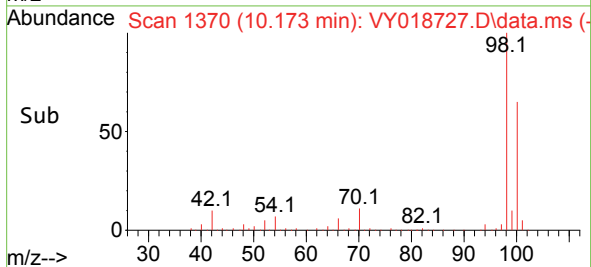
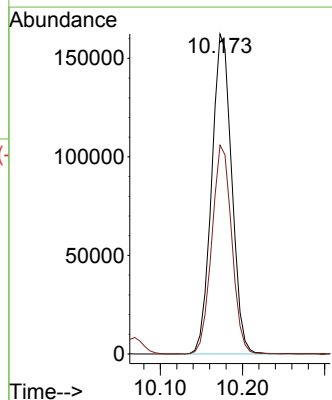
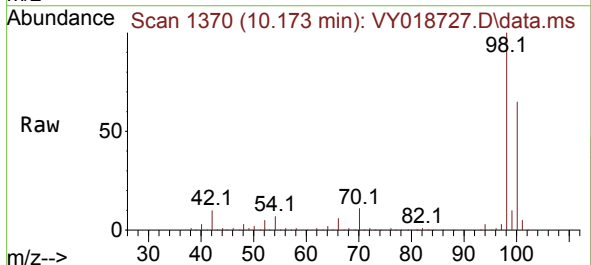
Acq: 28 Jun 2024 11:56

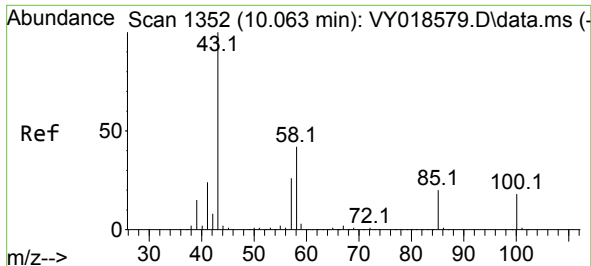
Tgt Ion: 98 Resp: 275088

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 85.615 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

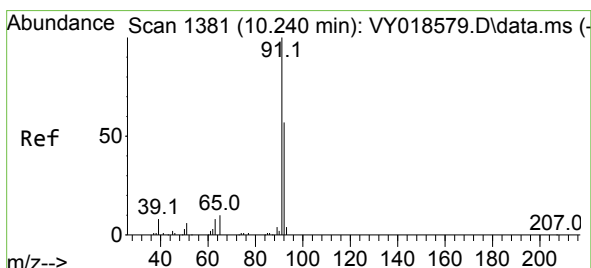
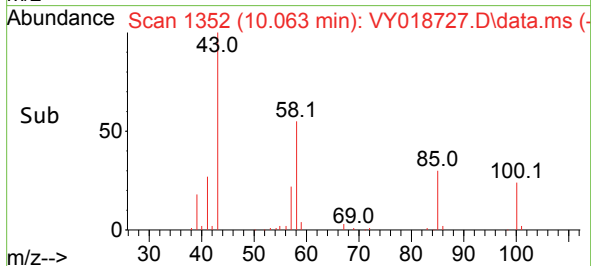
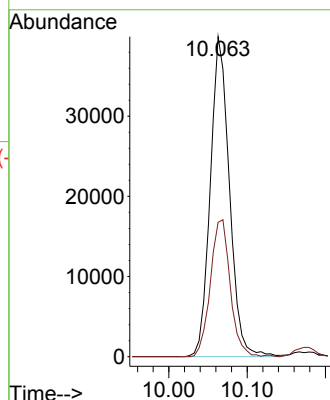
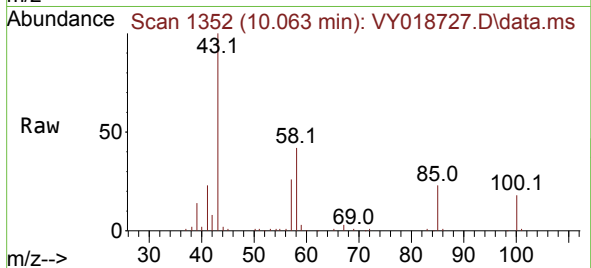
ClientSampleId :

Tgt Ion: 43 Resp: 67726

Ion Ratio Lower Upper

43 100

58 44.3 35.7 53.5



#52

Toluene

Concen: 22.030 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018727.D

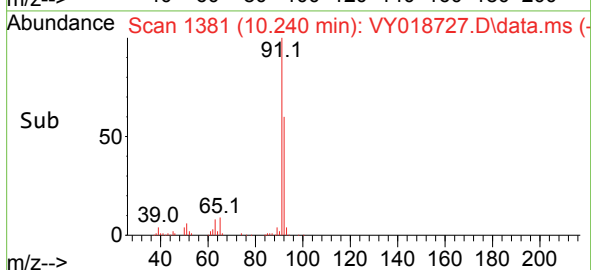
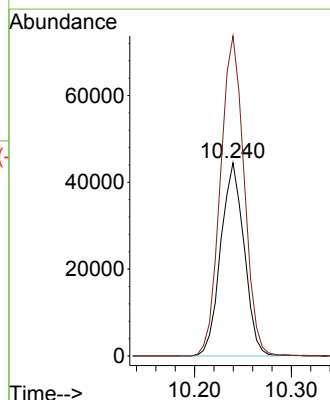
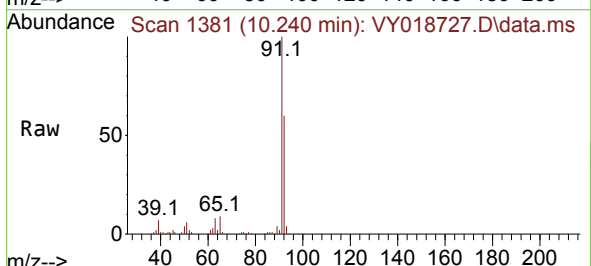
Acq: 28 Jun 2024 11:56

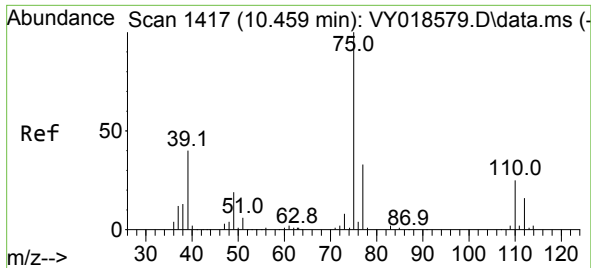
Tgt Ion: 92 Resp: 74664

Ion Ratio Lower Upper

92 100

91 168.2 139.0 208.6

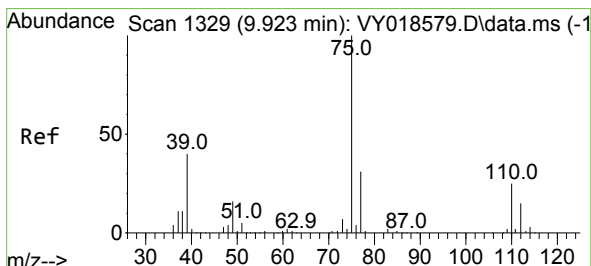
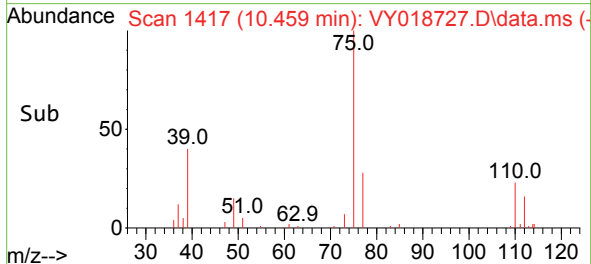
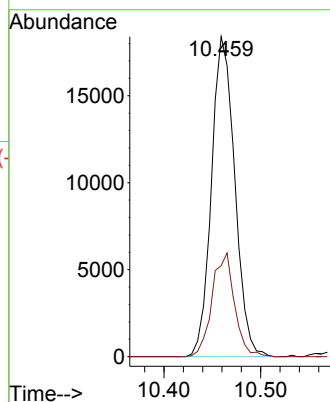
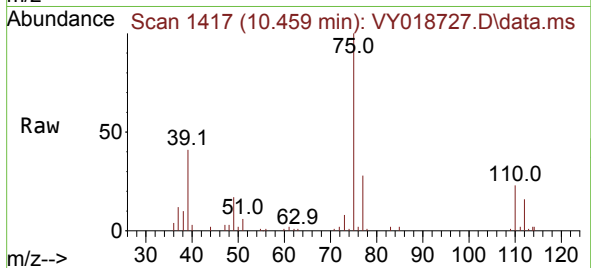




#53  
 t-1,3-Dichloropropene  
 Concen: 19.707 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. -0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

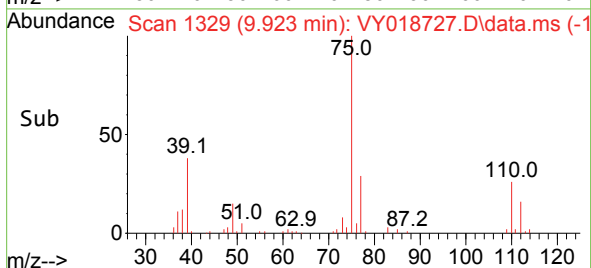
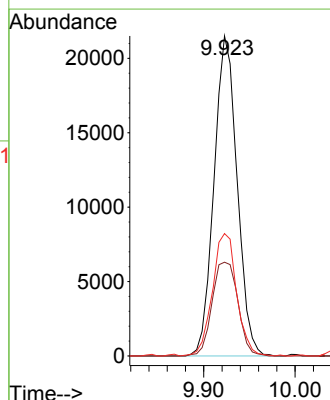
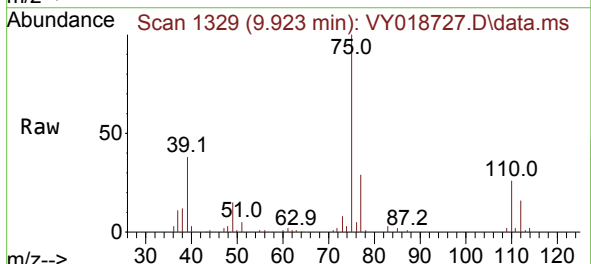
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

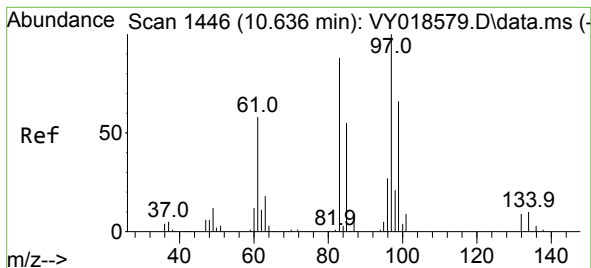
Tgt Ion: 75 Resp: 30784  
 Ion Ratio Lower Upper  
 75 100  
 77 28.5 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.017 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY018727.D  
 Acq: 28 Jun 2024 11:56

Tgt Ion: 75 Resp: 37734  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 25.4 38.0  
 39 38.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.503 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 20424

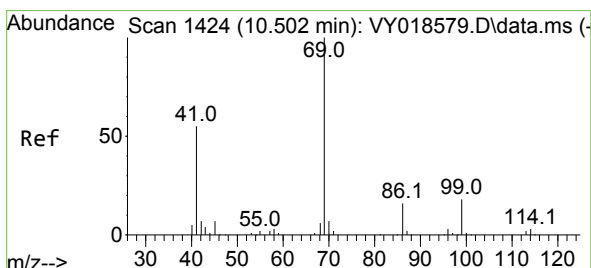
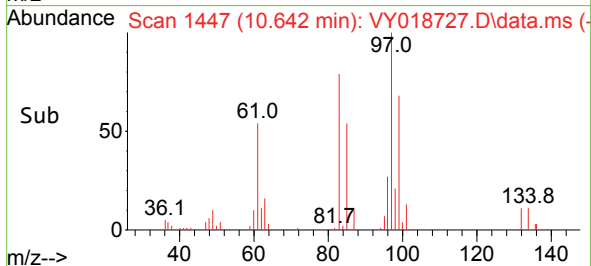
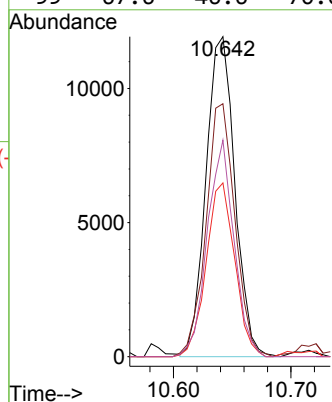
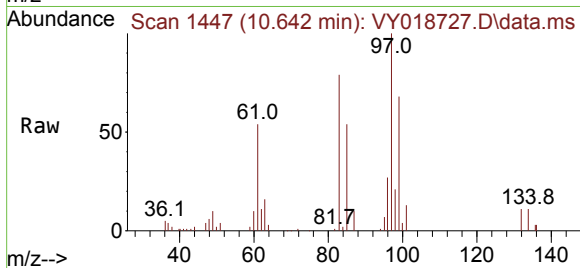
Ion Ratio Lower Upper

97 100

83 78.4 67.5 101.3

85 53.8 42.9 64.3

99 67.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.182 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

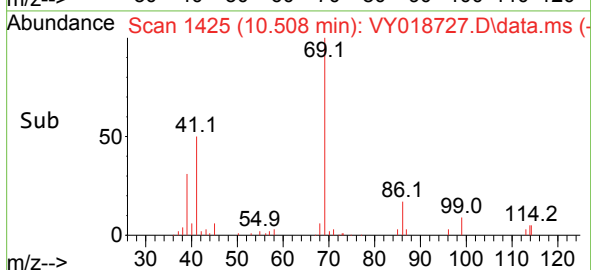
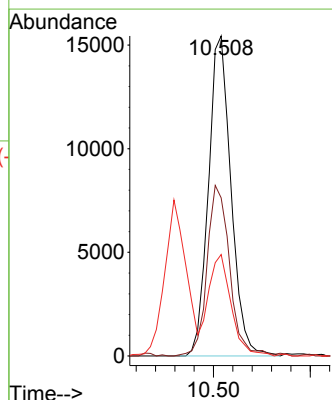
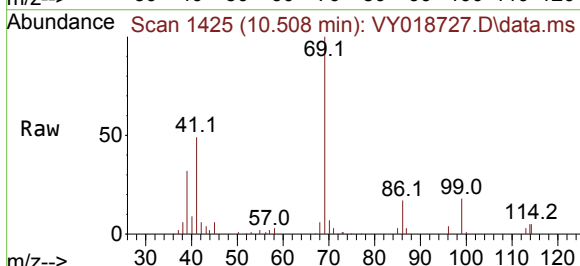
Tgt Ion: 69 Resp: 25004

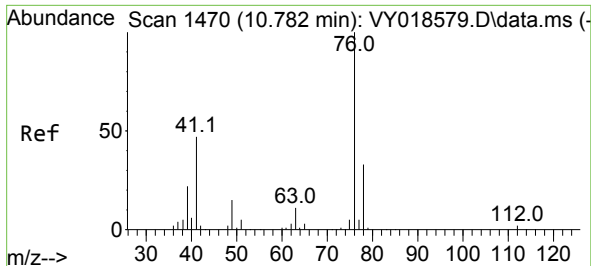
Ion Ratio Lower Upper

69 100

41 53.7 42.3 63.5

39 32.2 22.9 34.3

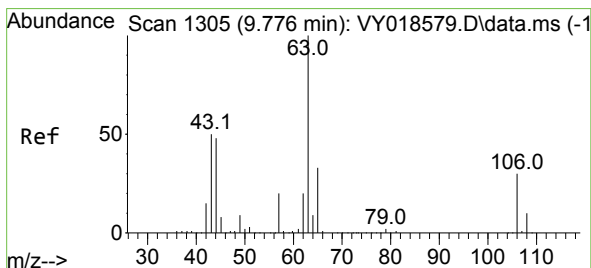
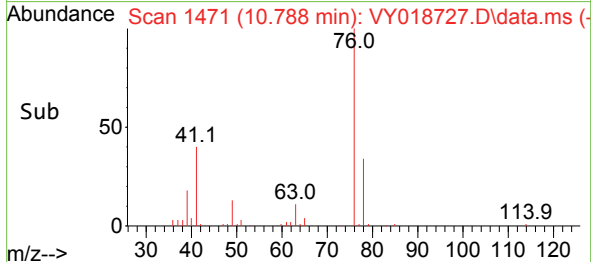
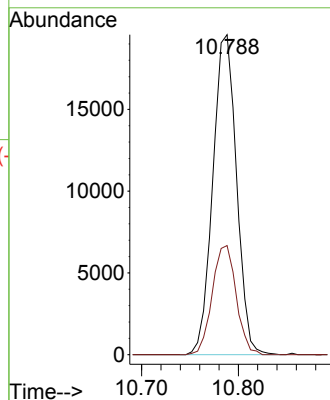
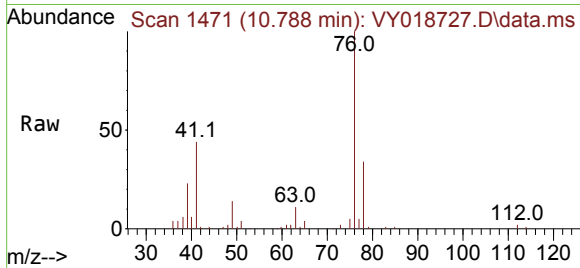




#57  
1,3-Dichloropropane  
Concen: 20.128 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

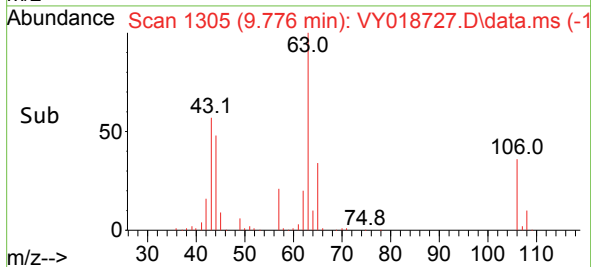
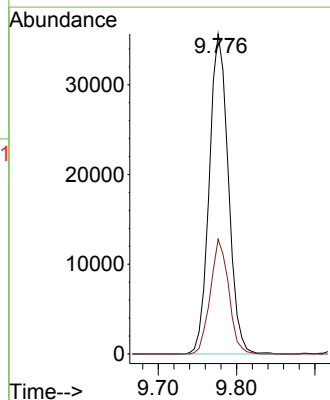
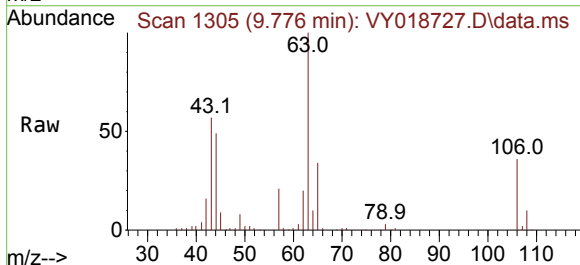
Instrument :  
MSVOA\_Y  
ClientSampleId :

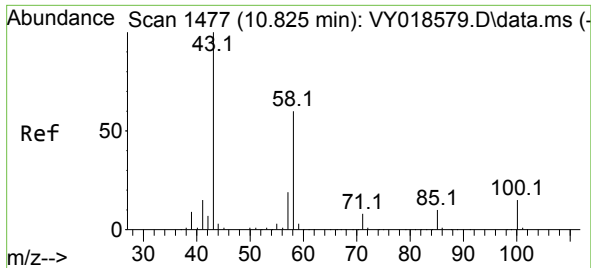
Tgt Ion: 76 Resp: 33307  
Ion Ratio Lower Upper  
76 100  
78 34.4 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 95.726 ug/l  
RT: 9.776 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 63 Resp: 60240  
Ion Ratio Lower Upper  
63 100  
106 34.5 23.7 35.5

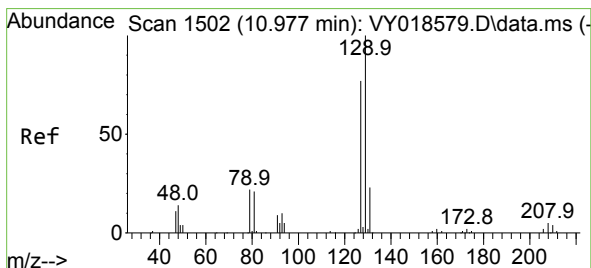
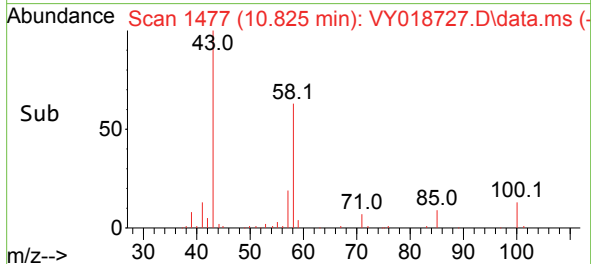
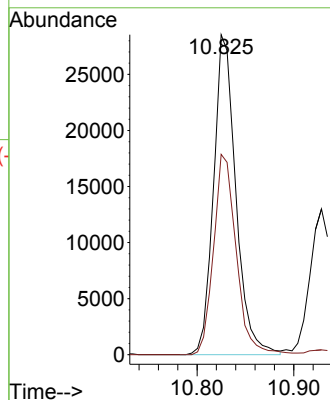
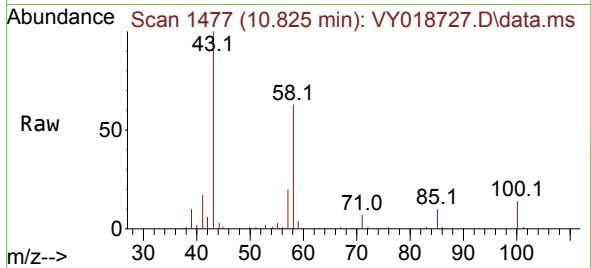




#59  
2-Hexanone  
Concen: 82.411 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

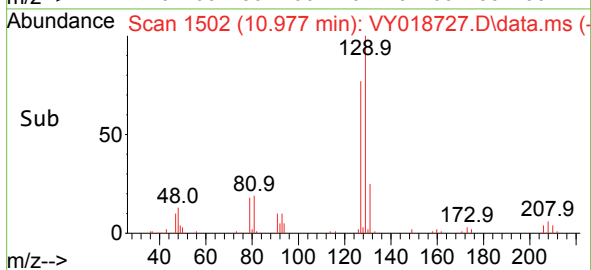
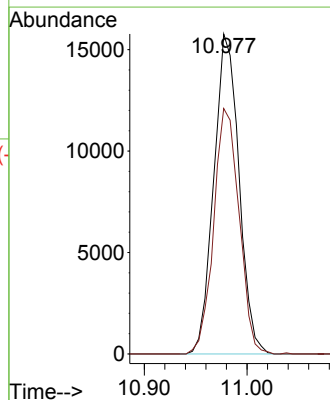
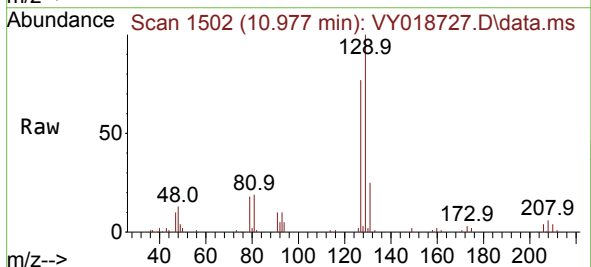
Instrument :  
MSVOA\_Y  
ClientSampleId :

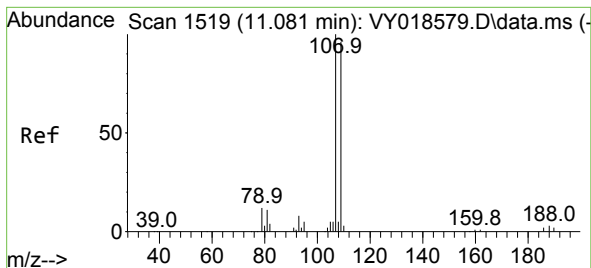
Tgt Ion: 43 Resp: 45664  
Ion Ratio Lower Upper  
43 100  
58 63.7 31.4 94.0



#60  
Dibromochloromethane  
Concen: 21.649 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 129 Resp: 26790  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.0 117.0

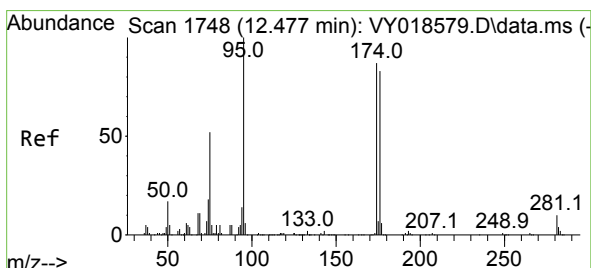
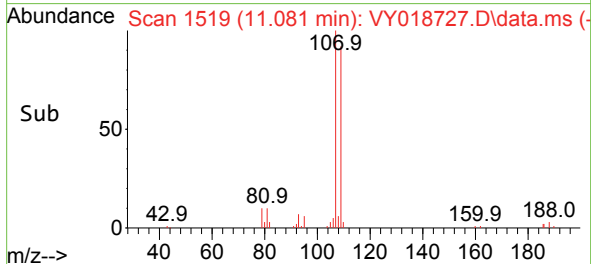
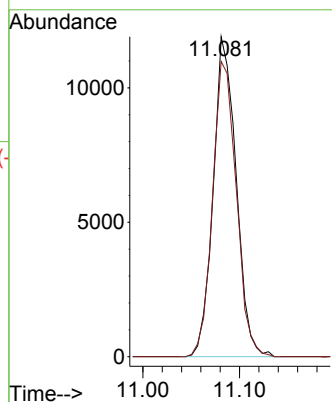
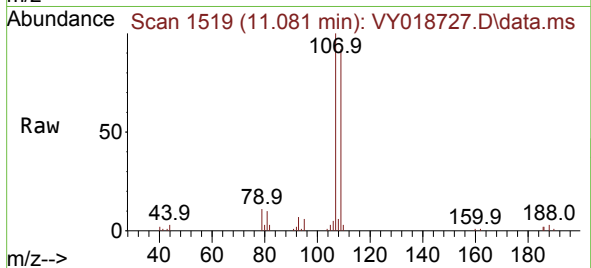




#61  
1,2-Dibromoethane  
Concen: 21.227 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

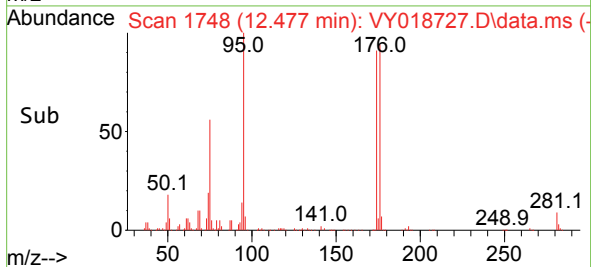
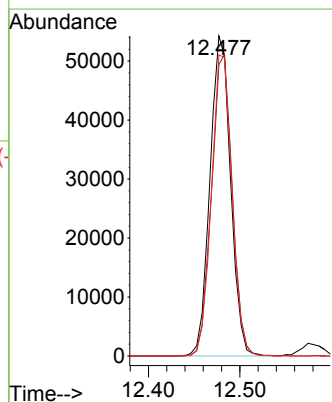
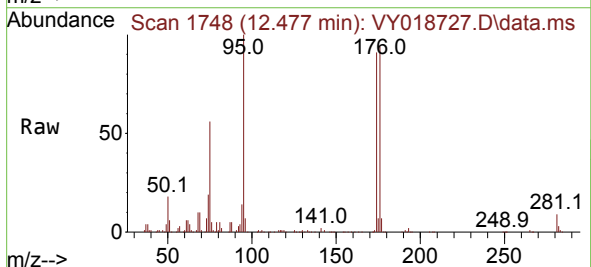
Instrument :  
MSVOA\_Y  
ClientSampleId :

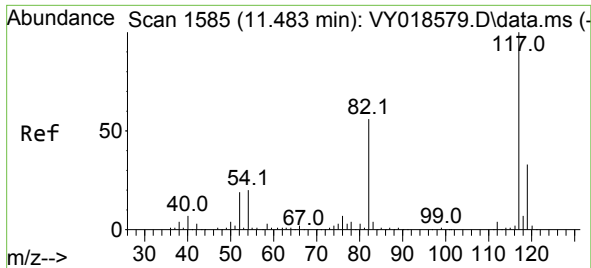
Tgt Ion:107 Resp: 19542  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 56.338 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 95 Resp: 84835  
Ion Ratio Lower Upper  
95 100  
174 94.5 0.0 175.6  
176 93.9 0.0 171.4

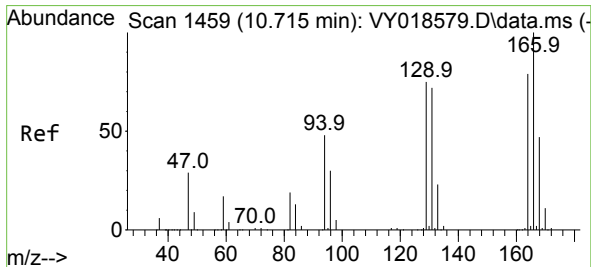
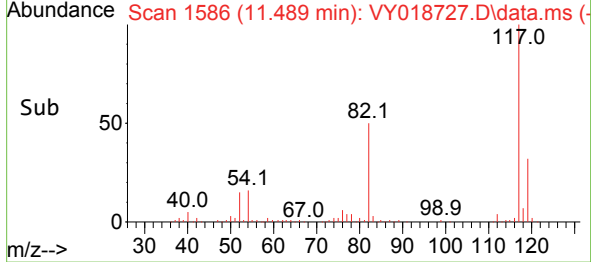
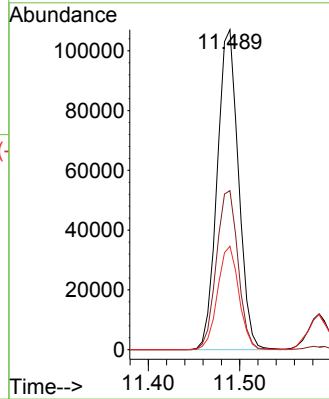
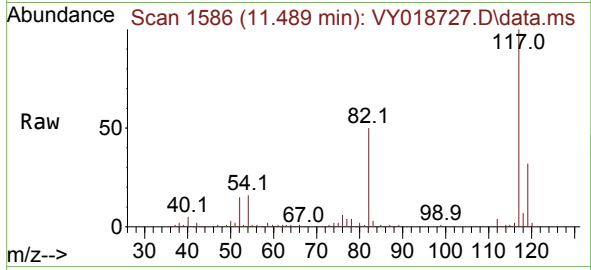




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

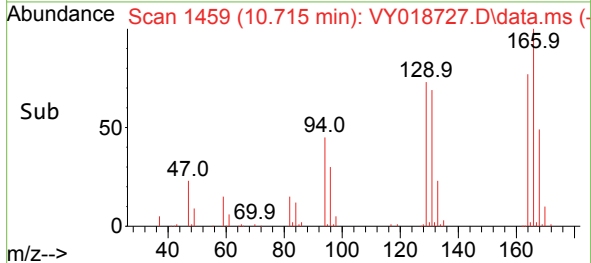
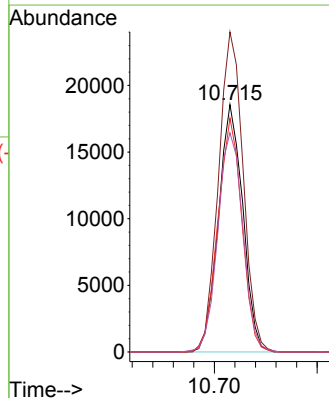
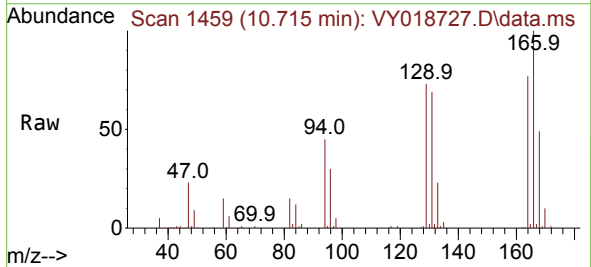
Instrument :  
MSVOA\_Y  
ClientSampleId :

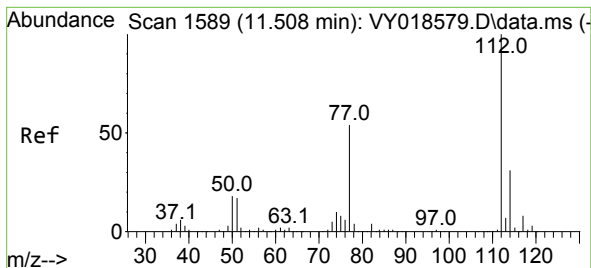
Tgt Ion:117 Resp: 173560  
Ion Ratio Lower Upper  
117 100  
82 49.7 42.4 63.6  
119 32.3 25.9 38.9



#64  
Tetrachloroethene  
Concen: 24.660 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion:164 Resp: 30527  
Ion Ratio Lower Upper  
164 100  
166 129.4 102.6 154.0  
129 94.5 72.0 108.0  
131 88.7 70.0 105.0





#65

Chlorobenzene

Concen: 22.957 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

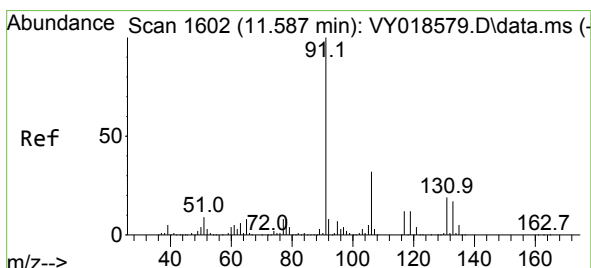
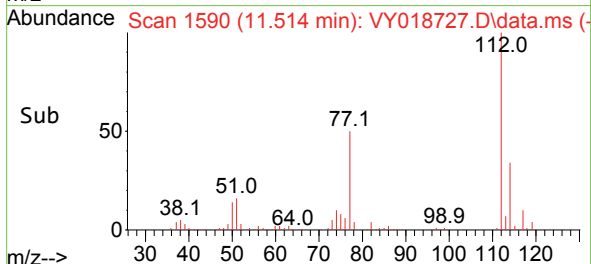
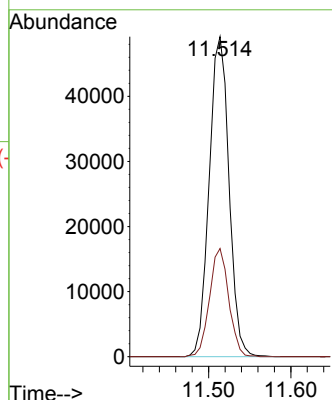
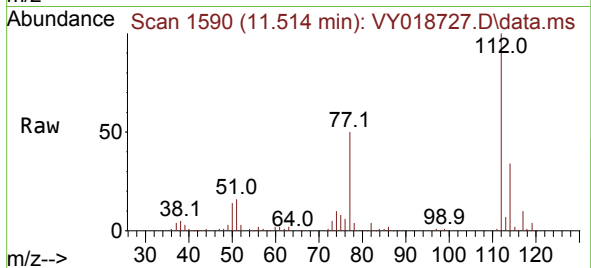
ClientSampleId :

Tgt Ion:112 Resp: 82309

Ion Ratio Lower Upper

112 100

114 33.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.326 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

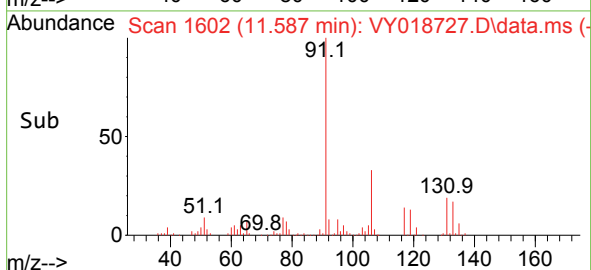
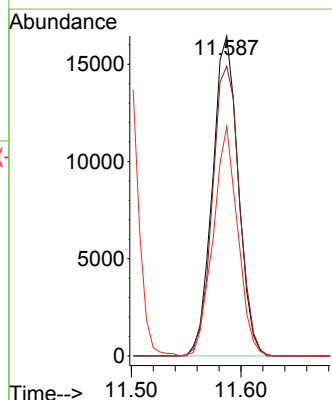
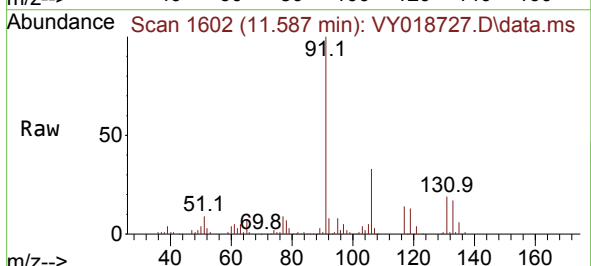
Tgt Ion:131 Resp: 26825

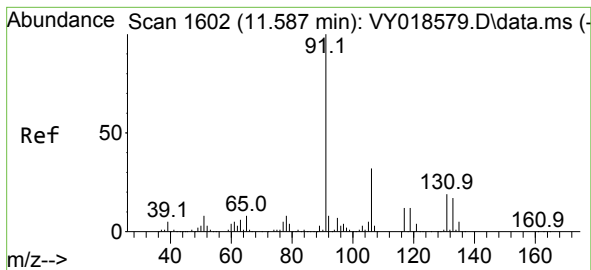
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 68.6 34.1 102.2





#67

Ethyl Benzene

Concen: 21.929 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

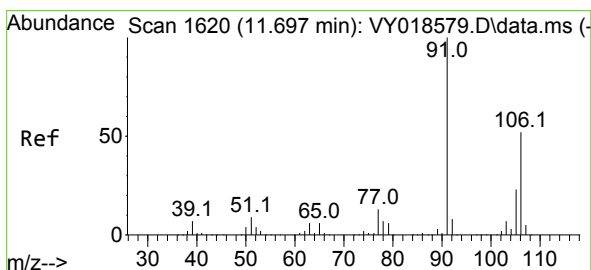
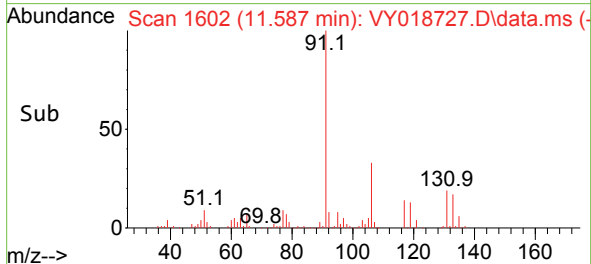
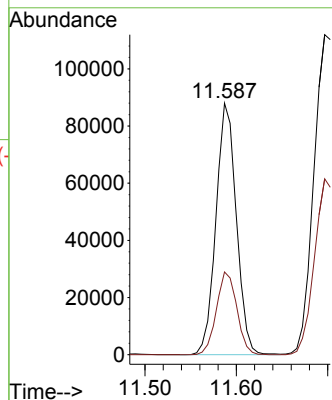
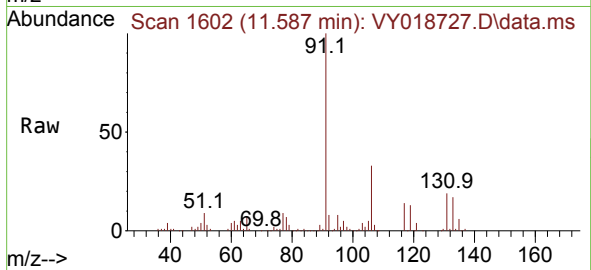
ClientSampleId :

Tgt Ion: 91 Resp: 136423

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 45.826 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018727.D

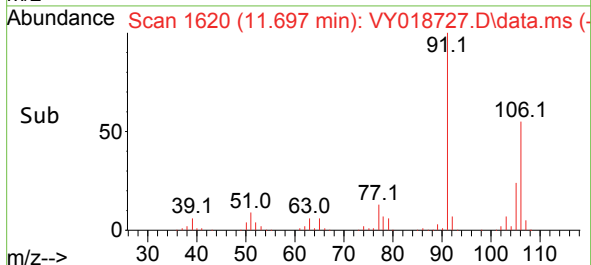
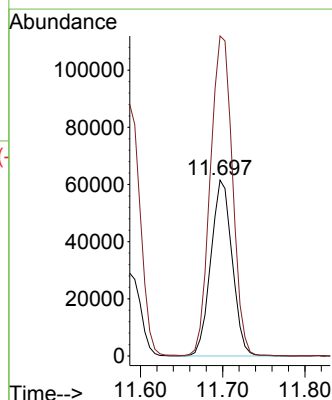
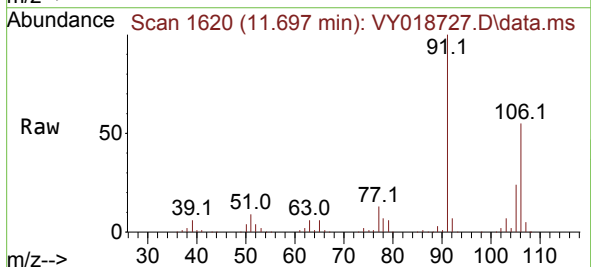
Acq: 28 Jun 2024 11:56

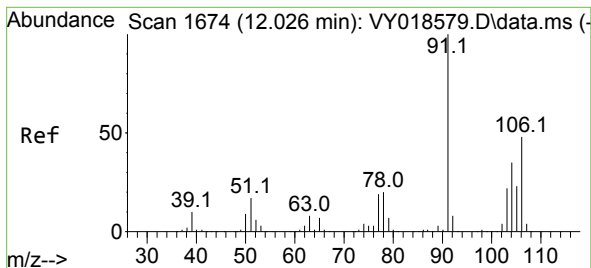
Tgt Ion:106 Resp: 110933

Ion Ratio Lower Upper

106 100

91 189.3 156.0 234.0





#69

o-Xylene

Concen: 22.690 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

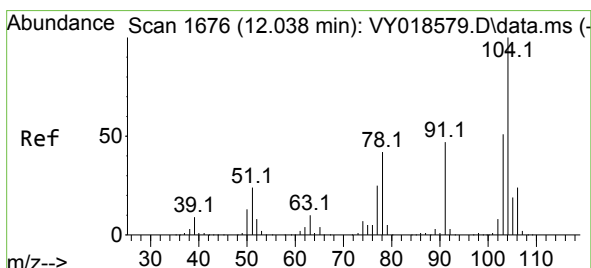
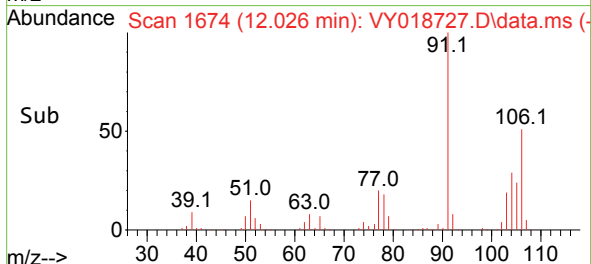
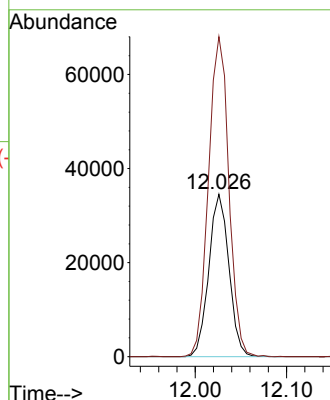
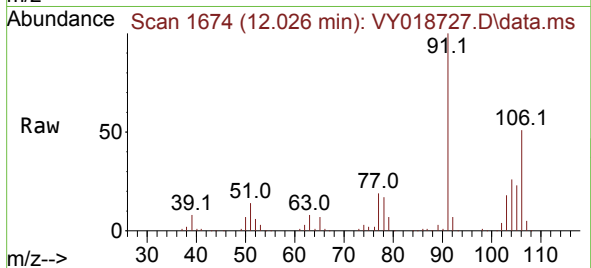
ClientSampleId :

Tgt Ion:106 Resp: 52819

Ion Ratio Lower Upper

106 100

91 199.5 103.6 310.8



#70

Styrene

Concen: 22.178 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

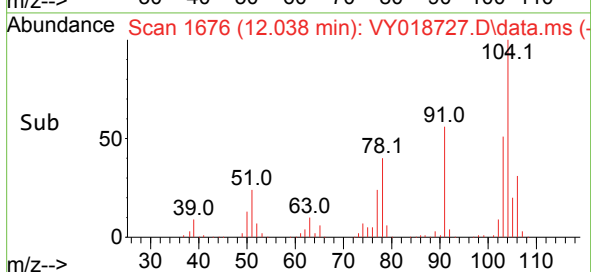
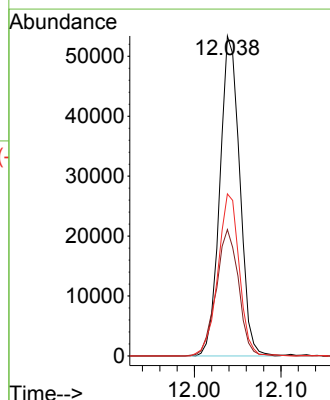
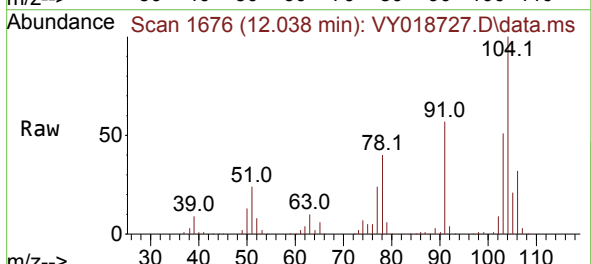
Tgt Ion:104 Resp: 85291

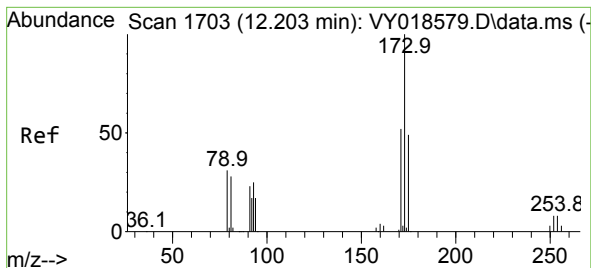
Ion Ratio Lower Upper

104 100

78 44.3 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 22.804 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018727.D

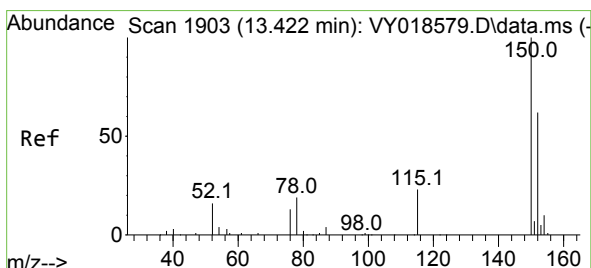
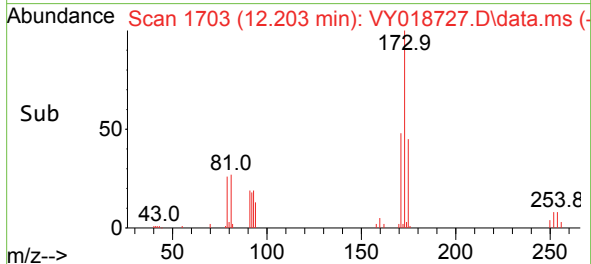
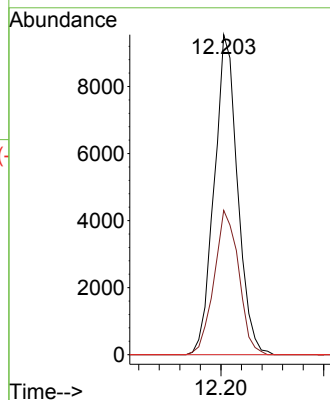
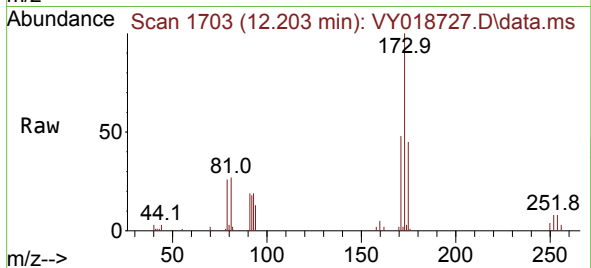
Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 15034     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 47.7  | 25.1 75.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

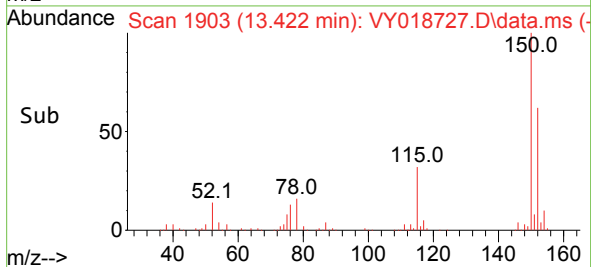
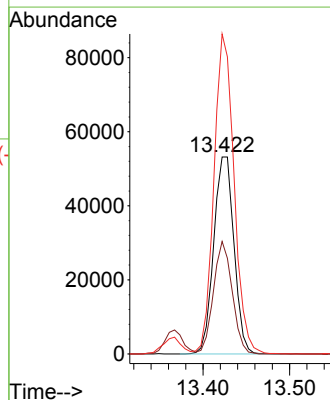
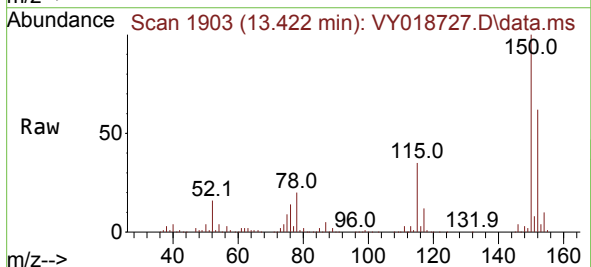
RT: 13.422 min Scan# 1903

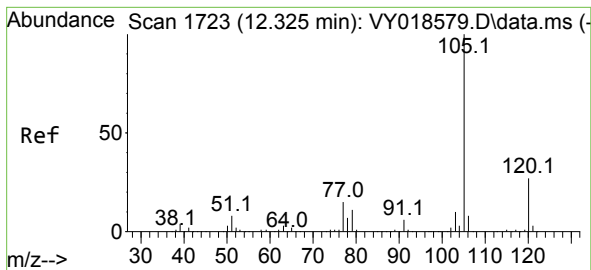
Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 86632     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 52.9  | 28.2 84.7 |
| 150         | 160.9 | 0.0 345.6 |





#73

Isopropylbenzene

Concen: 21.138 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

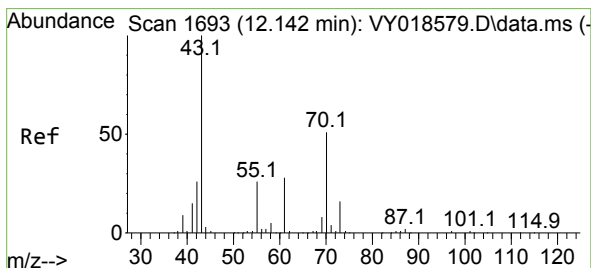
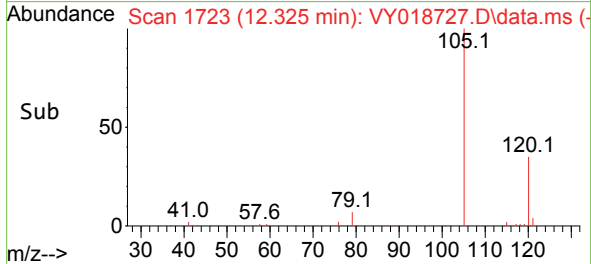
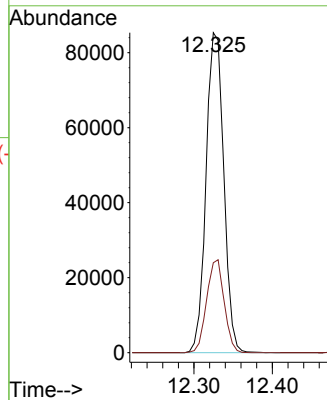
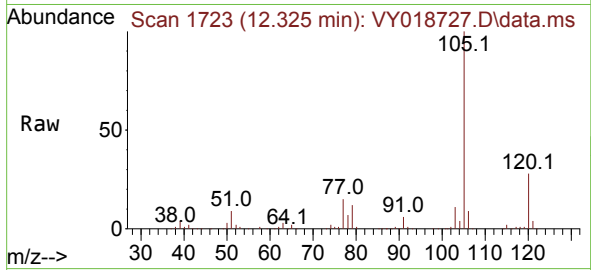
ClientSampleId :

Tgt Ion:105 Resp: 133721

Ion Ratio Lower Upper

105 100

120 28.7 13.4 40.1



#74

N-ethyl acetate

Concen: 17.770 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Tgt Ion: 43 Resp: 23020

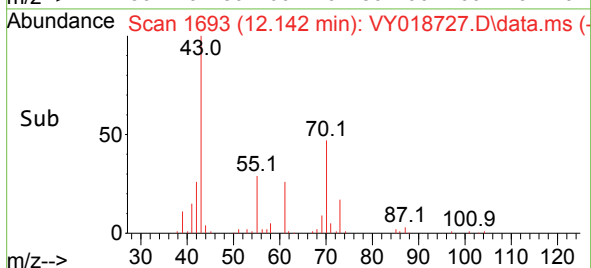
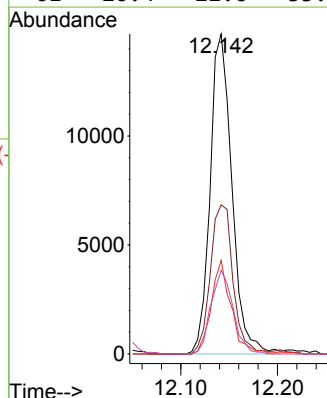
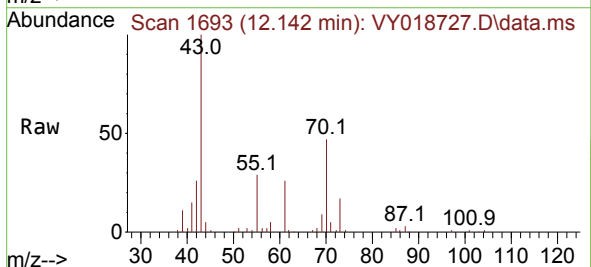
Ion Ratio Lower Upper

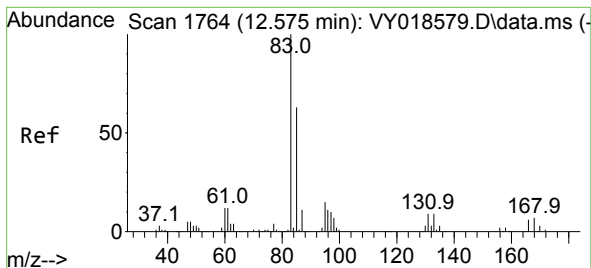
43 100

70 48.6 41.4 62.2

55 26.7 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.324 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018727.D

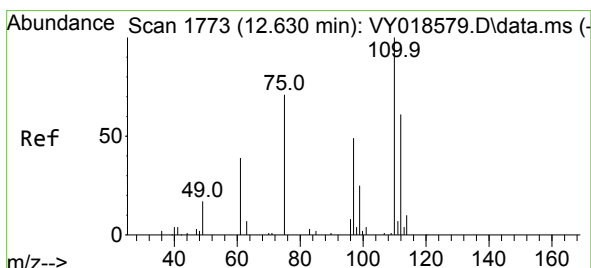
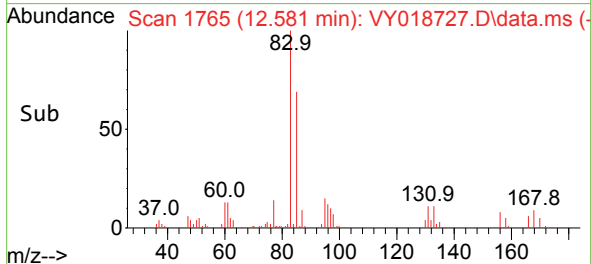
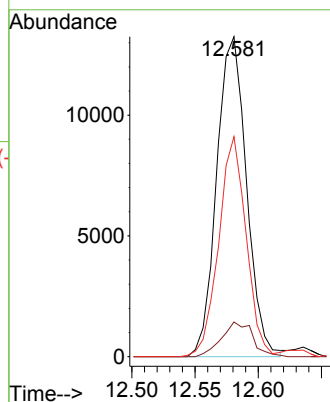
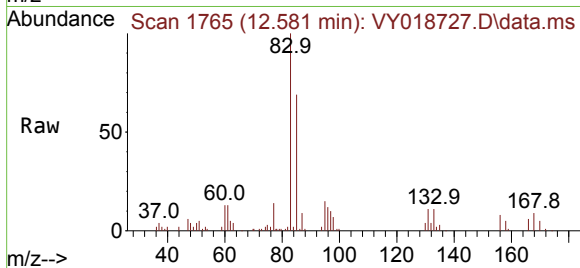
Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 21706 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.4  | 5.0   | 14.9  |
| 85        | 63.5  | 32.0  | 96.0  |



#76

1,2,3-Trichloropropane

Concen: 31.987 ug/l

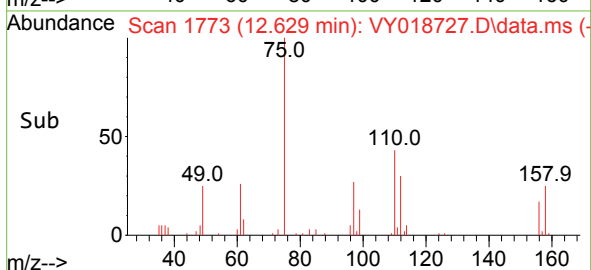
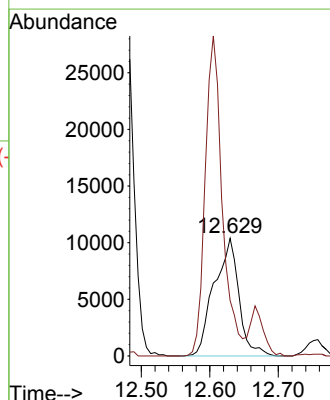
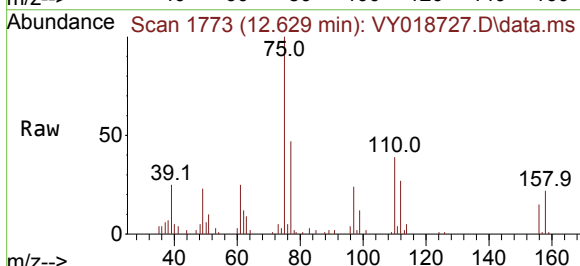
RT: 12.629 min Scan# 1773

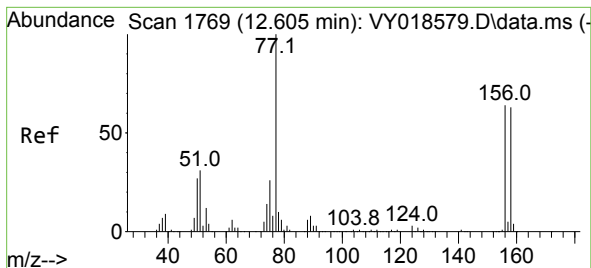
Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 25994 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 22.485 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

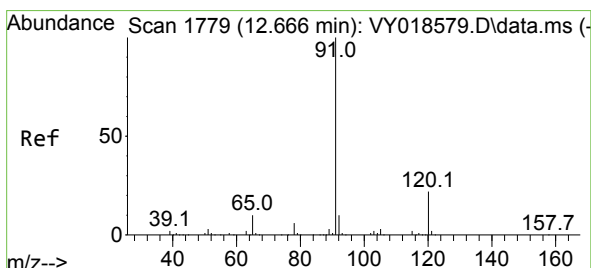
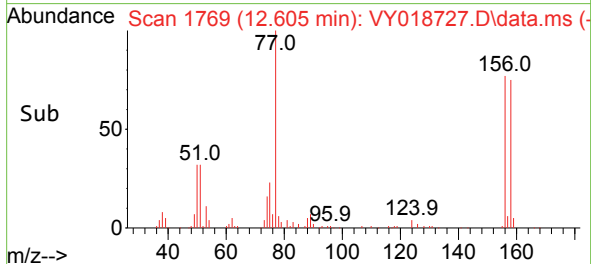
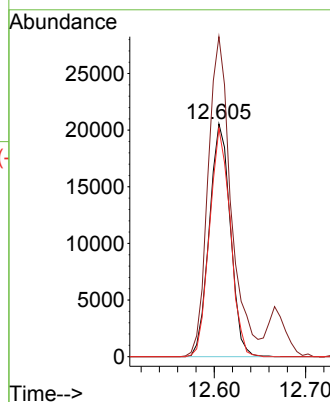
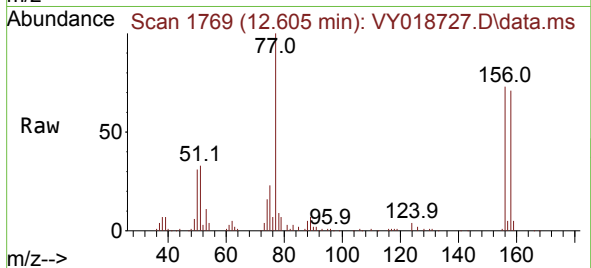
Tgt Ion:156 Resp: 32895

Ion Ratio Lower Upper

156 100

77 149.8 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 20.913 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018727.D

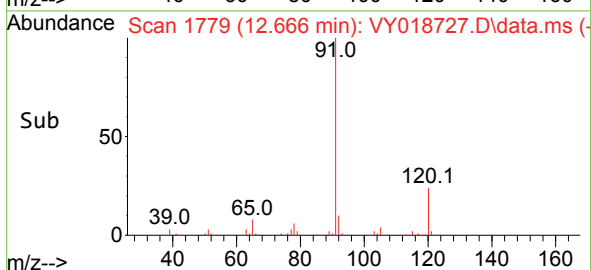
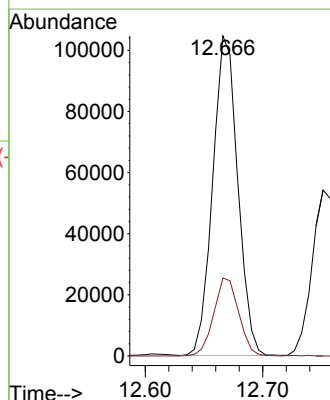
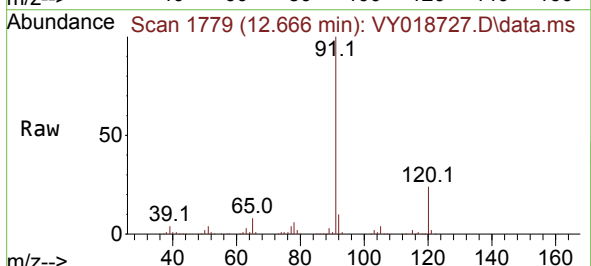
Acq: 28 Jun 2024 11:56

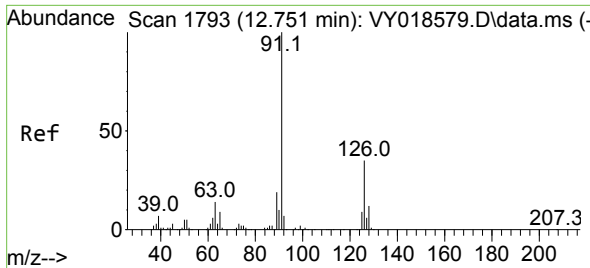
Tgt Ion: 91 Resp: 154826

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

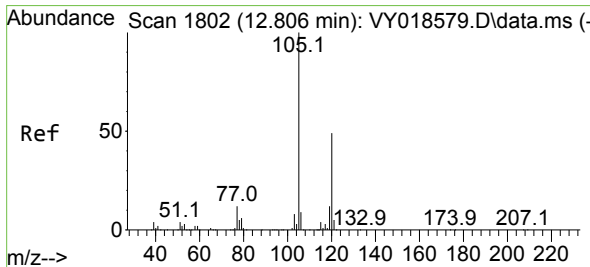
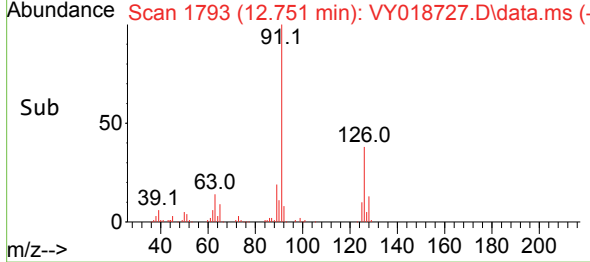
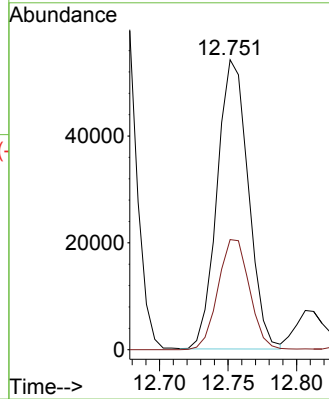
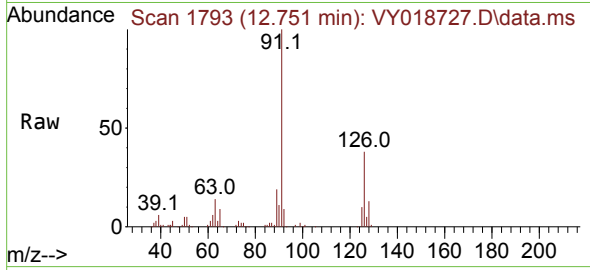




#79  
2-Chlorotoluene  
Concen: 20.553 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

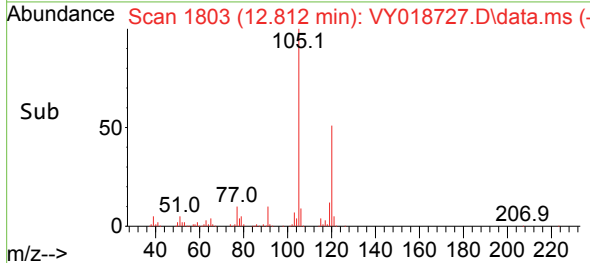
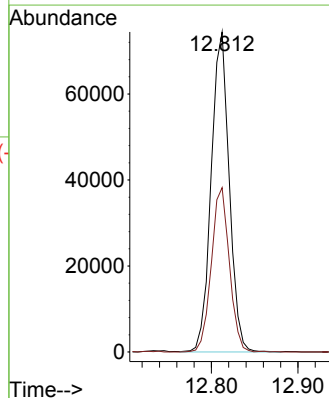
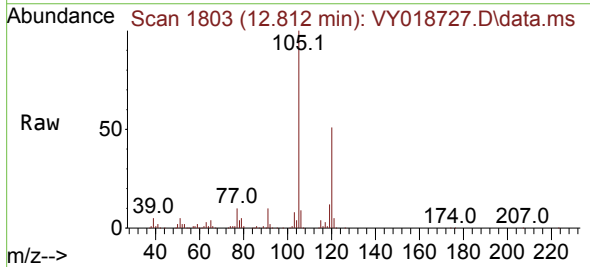
Instrument :  
MSVOA\_Y  
ClientSampleId :

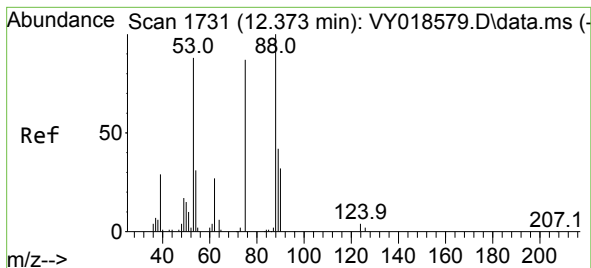
Tgt Ion: 91 Resp: 85893  
Ion Ratio Lower Upper  
91 100  
126 38.4 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 21.432 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

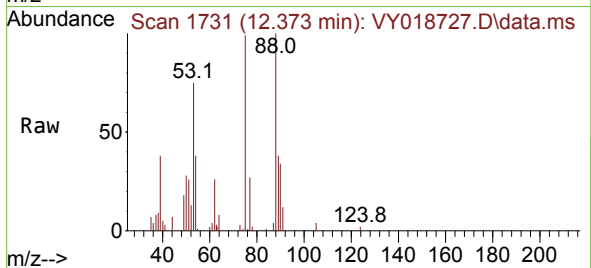
Tgt Ion: 105 Resp: 107454  
Ion Ratio Lower Upper  
105 100  
120 51.5 25.1 75.2



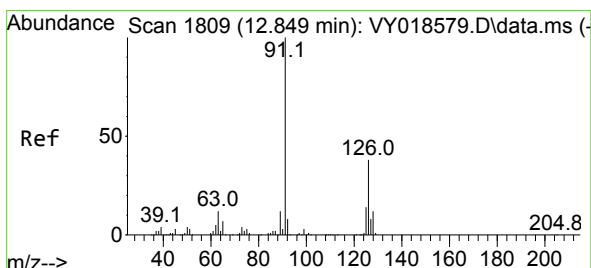
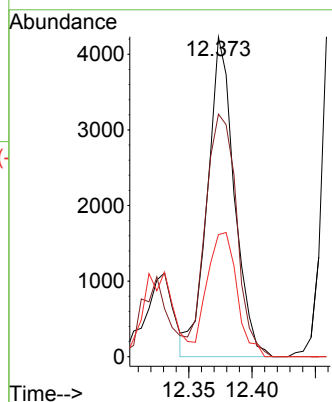
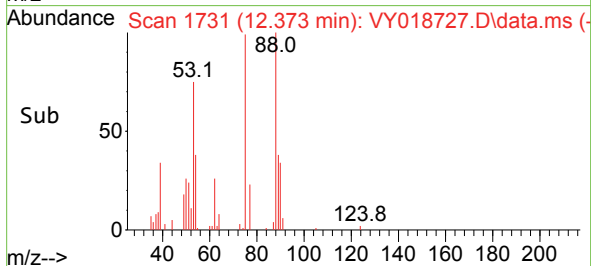


#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.087 ug/l  
RT: 12.373 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

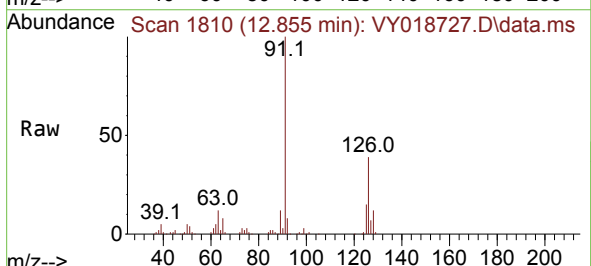
Instrument :  
MSVOA\_Y  
ClientSampleId :



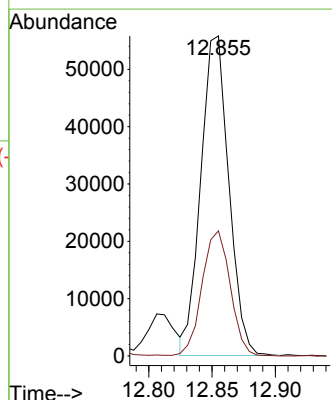
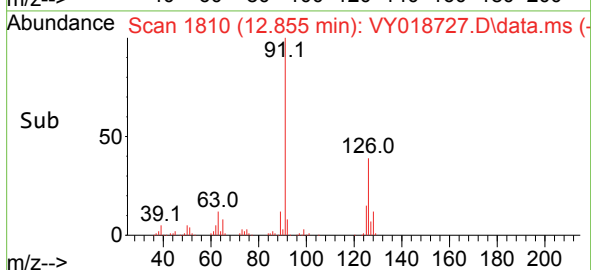
Tgt Ion: 75 Resp: 6232  
Ion Ratio Lower Upper  
75 100  
53 87.6 66.8 100.2  
89 42.6 35.8 53.6

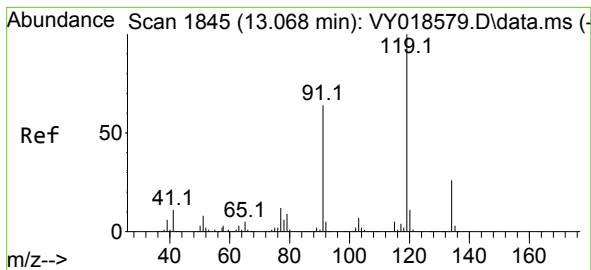


#82  
4-Chlorotoluene  
Concen: 20.448 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56



Tgt Ion: 91 Resp: 86054  
Ion Ratio Lower Upper  
91 100  
126 39.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.944 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

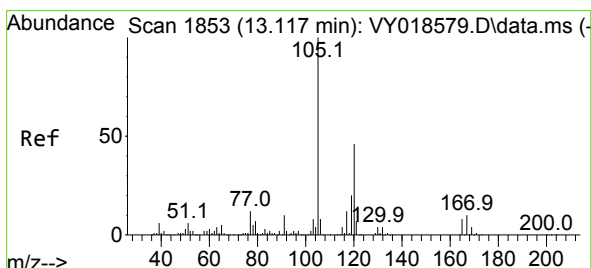
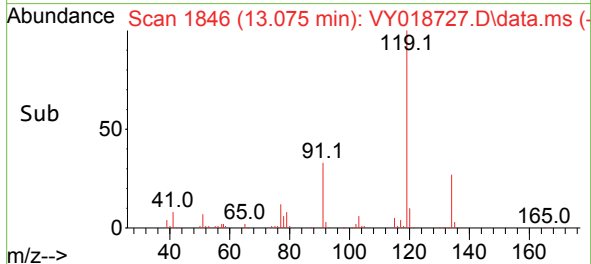
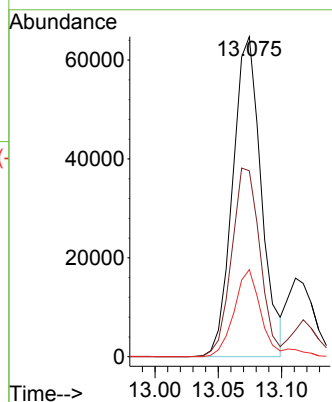
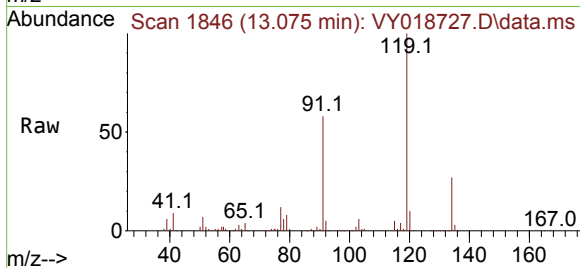
Tgt Ion:119 Resp: 101825

Ion Ratio Lower Upper

119 100

91 58.6 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.730 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018727.D

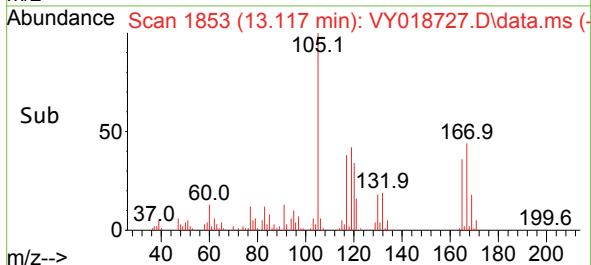
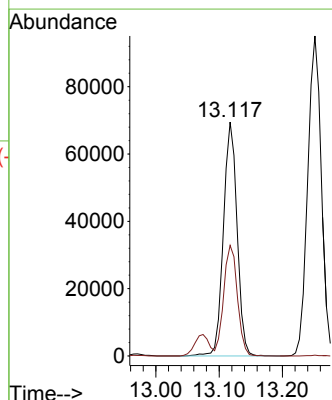
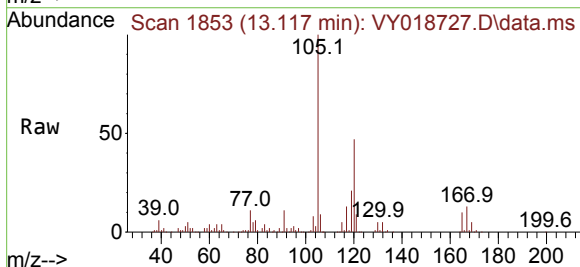
Acq: 28 Jun 2024 11:56

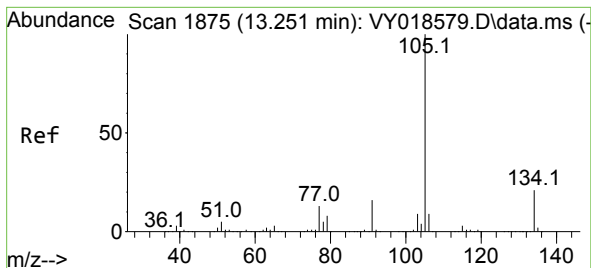
Tgt Ion:105 Resp: 103880

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.388 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

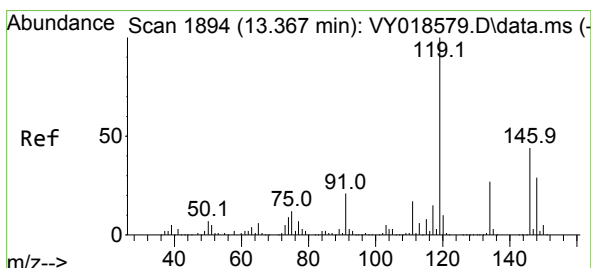
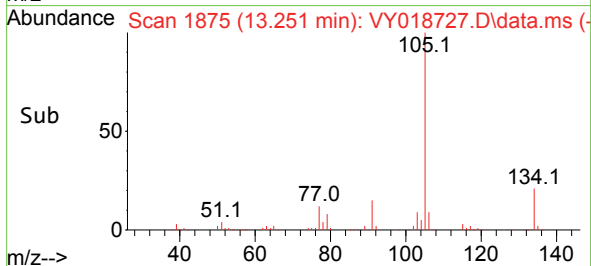
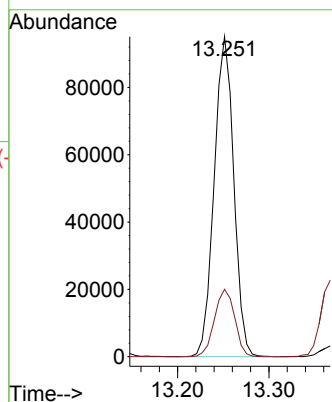
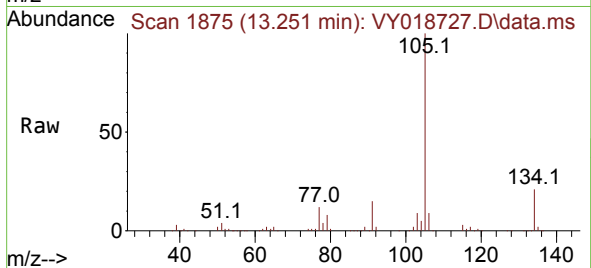
ClientSampleId :

Tgt Ion:105 Resp: 141553

Ion Ratio Lower Upper

105 100

134 21.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.207 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

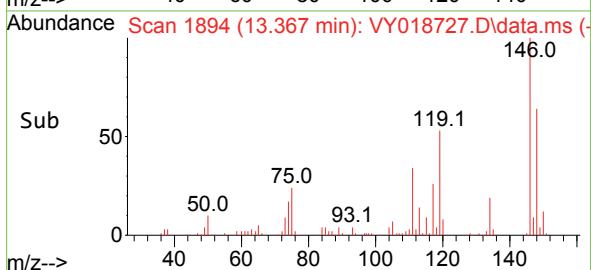
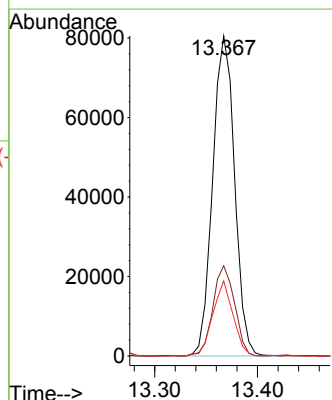
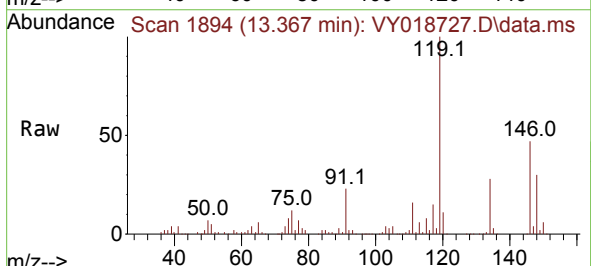
Tgt Ion:119 Resp: 118988

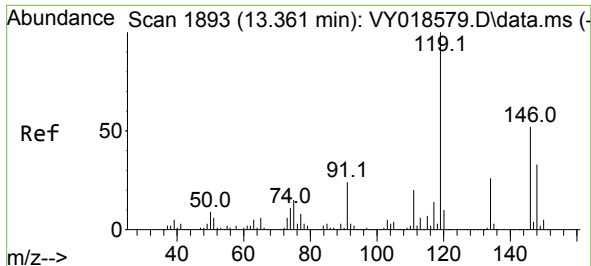
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.463 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

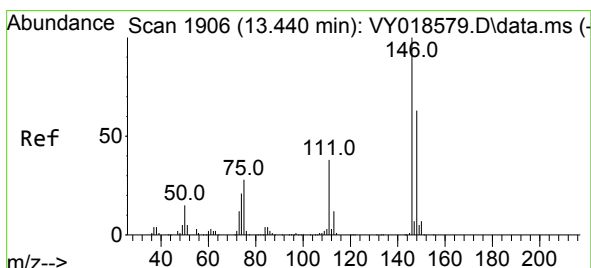
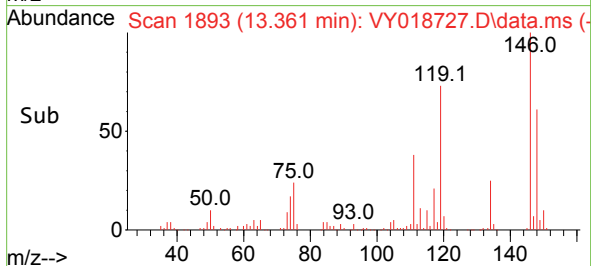
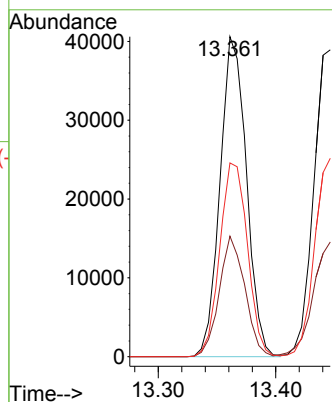
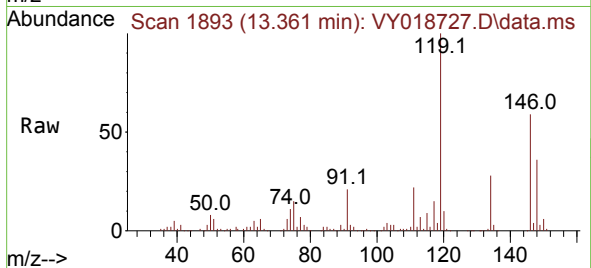
Tgt Ion:146 Resp: 63334

Ion Ratio Lower Upper

146 100

111 36.6 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.267 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

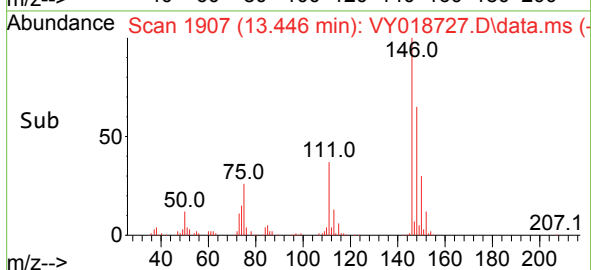
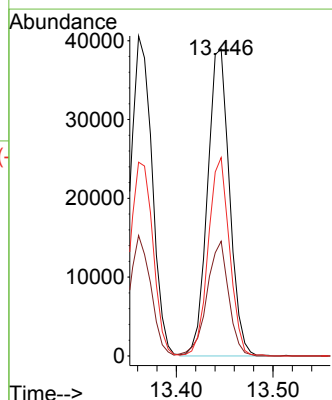
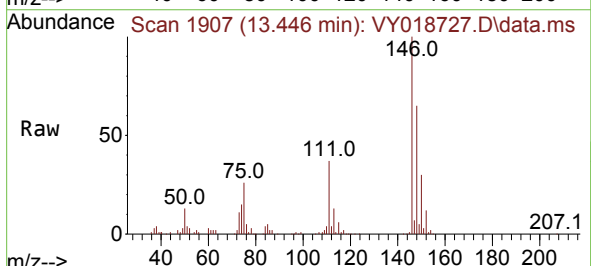
Tgt Ion:146 Resp: 61583

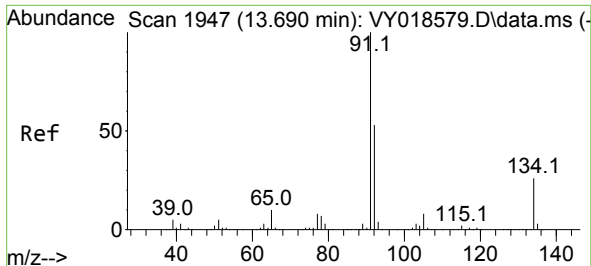
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 62.7 32.4 97.2

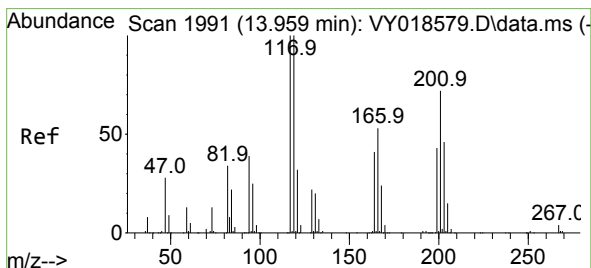
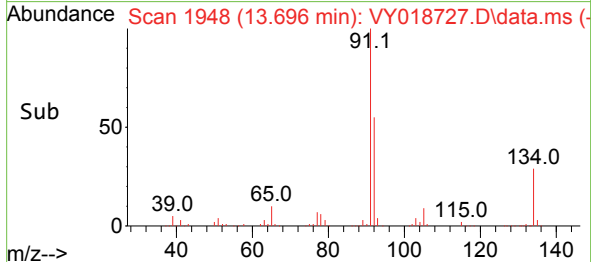
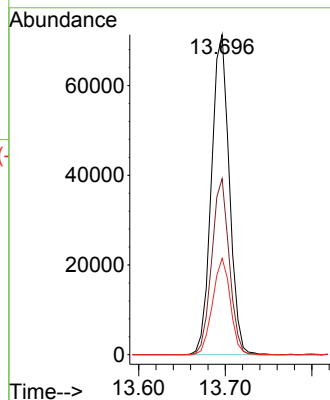
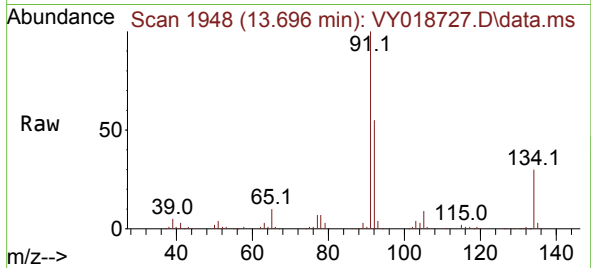




#89  
n-Butylbenzene  
Concen: 20.233 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.006 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

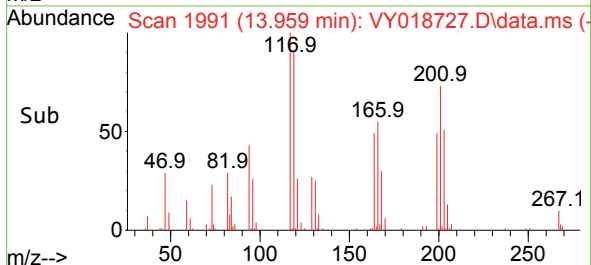
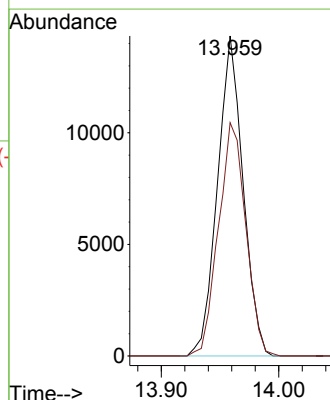
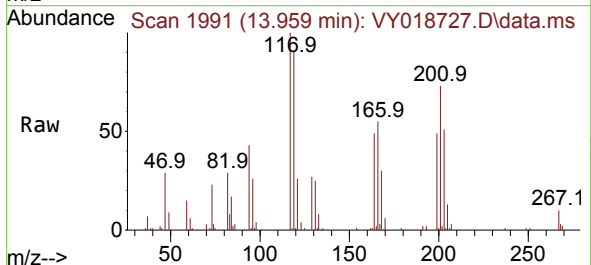
Instrument :  
MSVOA\_Y  
ClientSampleId :

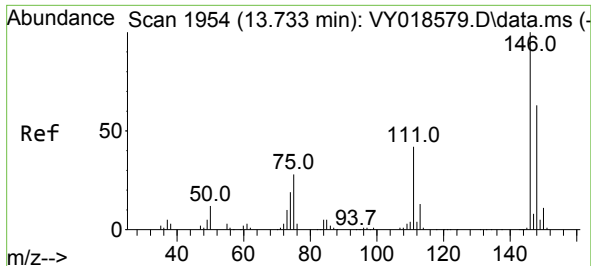
Tgt Ion: 91 Resp: 102322  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.6 79.7  
134 29.8 12.9 38.7



#90  
Hexachloroethane  
Concen: 21.251 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Tgt Ion: 117 Resp: 21660  
Ion Ratio Lower Upper  
117 100  
201 78.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.923 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

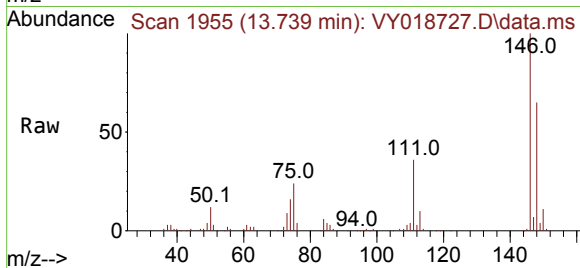
Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :



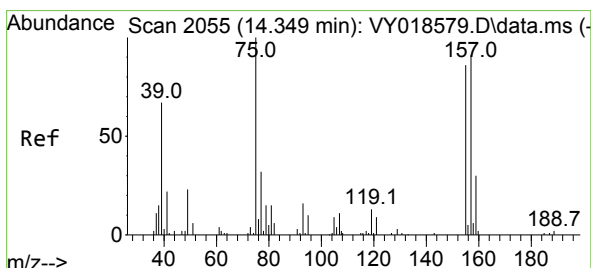
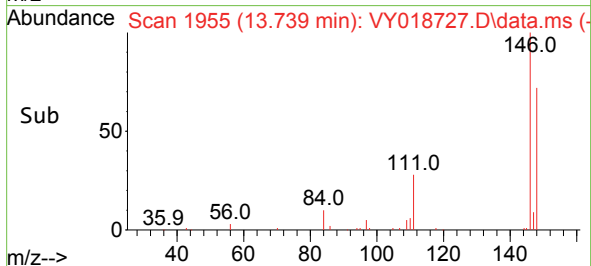
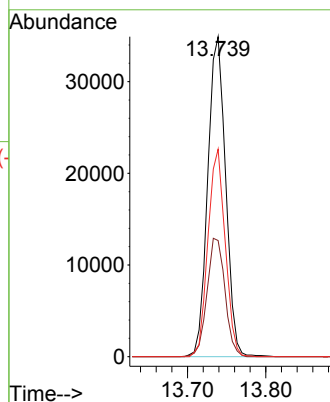
Tgt Ion:146 Resp: 55263

Ion Ratio Lower Upper

146 100

111 37.2 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.061 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

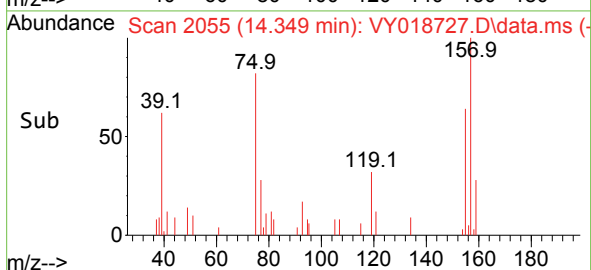
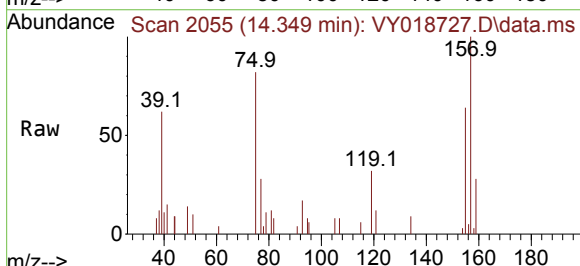
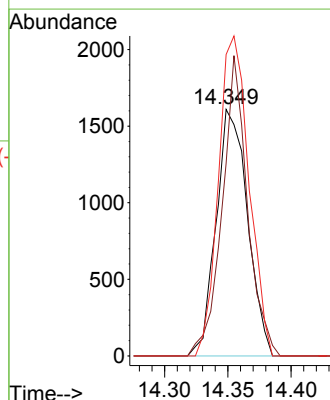
Tgt Ion: 75 Resp: 2775

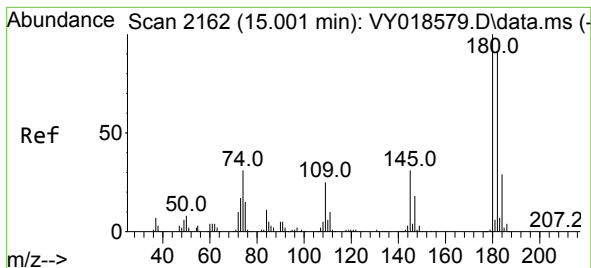
Ion Ratio Lower Upper

75 100

155 98.2 48.6 145.8

157 126.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.873 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

Instrument :

MSVOA\_Y

ClientSampleId :

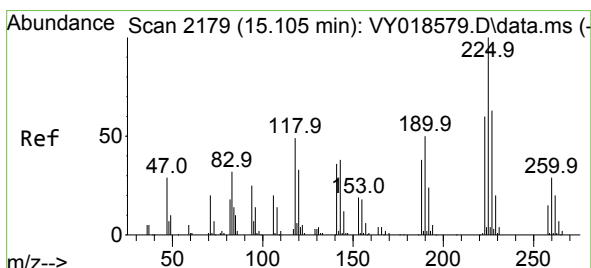
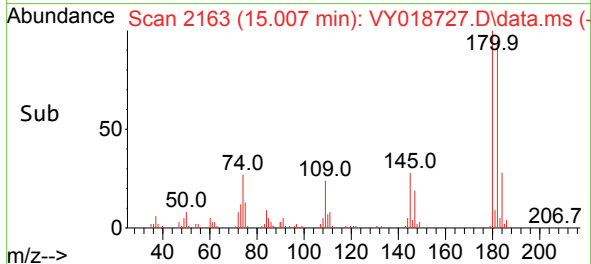
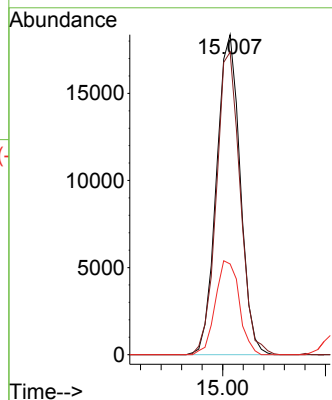
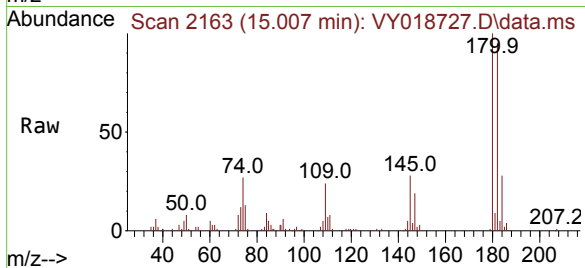
Tgt Ion:180 Resp: 29314

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 24.686 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018727.D

Acq: 28 Jun 2024 11:56

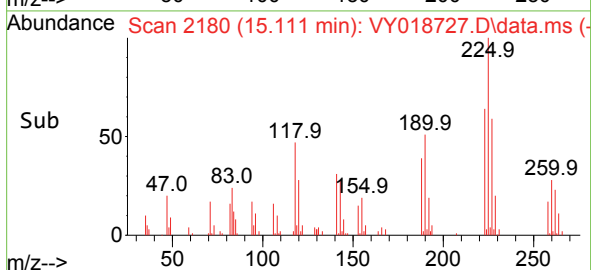
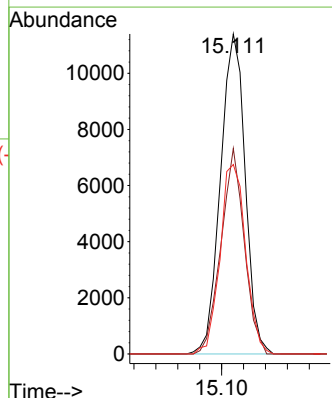
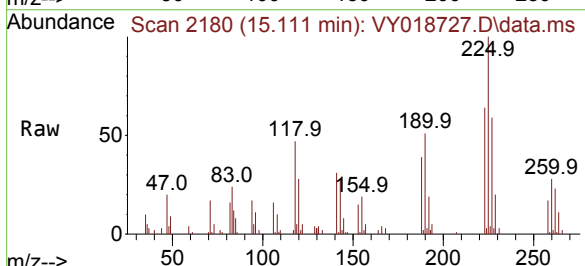
Tgt Ion:225 Resp: 17813

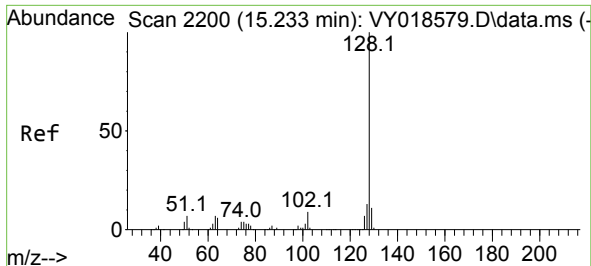
Ion Ratio Lower Upper

225 100

223 60.6 30.4 91.2

227 61.4 31.9 95.9

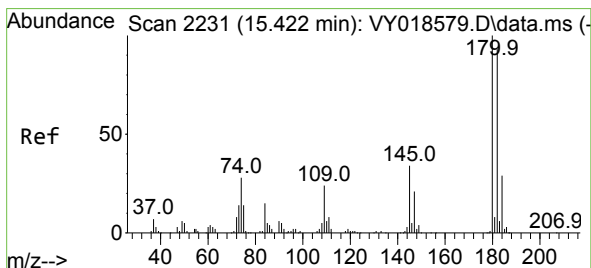
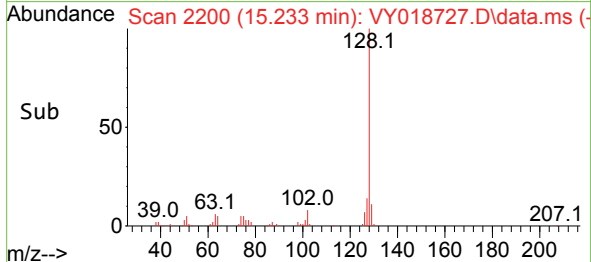
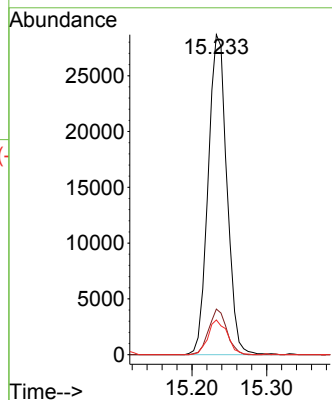
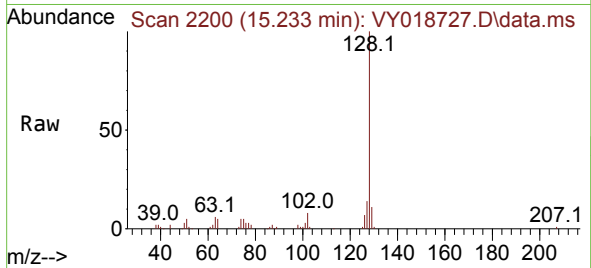




#95  
Naphthalene  
Concen: 18.953 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.6  | 16.0  |
| 129     | 11.2  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 21.279 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY018727.D  
Acq: 28 Jun 2024 11:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.6  | 142.9 |
| 145     | 31.9  | 15.4  | 46.1  |

