

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052324\  
 Data File : VY018352.D  
 Acq On : 23 May 2024 10:15  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 24 01:12:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052224S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 23 01:40:36 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 144433   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 267719   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 228059   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 102043   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 77618    | 56.722   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 113.440% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 82972    | 53.146   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.300% |      |
| 50) Toluene-d8              | 10.179 | 98    | 331814   | 54.513   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 109.020% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 99766    | 53.045   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 106.080% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 53727  | 43.583  | ug/l   | 95  |
| 3) Chloromethane             | 2.107 | 50  | 94670  | 47.256  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.241 | 62  | 114705 | 51.180  | ug/l   | 100 |
| 5) Bromomethane              | 2.643 | 94  | 77126  | 48.133  | ug/l   | 99  |
| 6) Chloroethane              | 2.784 | 64  | 74290  | 51.065  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 116591 | 46.356  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.521 | 74  | 38600  | 48.064  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 69681  | 44.908  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.076 | 142 | 79653  | 51.045  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.936 | 59  | 29000  | 226.291 | ug/l # | 81  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 72674  | 47.555  | ug/l   | 98  |
| 13) Acrolein                 | 3.716 | 56  | 24921  | 218.546 | ug/l   | 97  |
| 14) Allyl chloride           | 4.460 | 41  | 107524 | 50.378  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.149 | 53  | 79777  | 229.665 | ug/l   | 99  |
| 16) Acetone                  | 3.936 | 43  | 64825  | 230.331 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.180 | 76  | 224119 | 52.517  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.460 | 43  | 35058  | 46.996  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 177191 | 48.354  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.704 | 84  | 79991  | 49.293  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 80786  | 50.110  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.106 | 45  | 228443 | 51.505  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.045 | 43  | 695373 | 244.846 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 137505 | 50.552  | ug/l   | 97  |
| 25) 2-Butanone               | 6.972 | 43  | 103330 | 231.681 | ug/l   | 89  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 117317 | 49.893  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 96003  | 50.677  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.326 | 49  | 52310  | 56.623  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 67206  | 228.934 | ug/l   | 88  |
| 30) Chloroform               | 7.496 | 83  | 140596 | 50.711  | ug/l   | 96  |
| 31) Cyclohexane              | 7.777 | 56  | 123105 | 51.138  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 121075 | 49.754  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 104540 | 46.173  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.063 | 43  | 45277  | 41.804  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 103520 | 44.641  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 141636 | 44.845  | ug/l   | 97  |
| 40) Benzene                  | 8.155 | 78  | 331429 | 48.019  | ug/l   | 99  |

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 Sample : VSTDCCC050  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 24 01:12:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052224S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 23 01:40:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 62575    | 115.743 | ug/l # | 15       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 73750    | 44.422  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.264  | 43   | 93174    | 44.091  | ug/l   | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 79076    | 44.697  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 74659    | 48.095  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 40150    | 44.078  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.490  | 83   | 102868   | 46.534  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 41161    | 43.060  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 10592    | 896.237 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 226396   | 212.276 | ug/l   | 95       |
| 52) Toluene                   | 10.240 | 92   | 202733   | 46.857  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 93463    | 46.244  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 116742   | 47.140  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 52837    | 43.784  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 74655    | 45.102  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 94760    | 46.329  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 169425   | 226.522 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 152812   | 208.229 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.983 | 129  | 66879    | 45.883  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 49830    | 44.751  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.715 | 164  | 68566    | 42.382  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.514 | 112  | 214236   | 45.475  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 70960    | 47.612  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 372561   | 45.031  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 290350   | 91.209  | ug/l   | 100      |
| 69) o-Xylene                  | 12.026 | 106  | 138271   | 46.026  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 232114   | 46.741  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 36486    | 46.284  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 355058   | 44.270  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 72759    | 38.883  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 54483    | 39.867  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 68285    | 74.454  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 78698    | 44.801  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 417391   | 43.463  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 226315   | 43.529  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 281835   | 44.718  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 18358    | 41.184  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 232209   | 44.050  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 257525   | 44.203  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 279265   | 45.054  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 376631   | 43.712  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 311423   | 44.188  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 154606   | 44.696  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 152465   | 44.285  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 285546   | 43.114  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 58430    | 44.895  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 132259   | 44.065  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 7660     | 40.866  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 71773    | 41.981  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 38973    | 44.545  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 133240   | 39.632  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 59274    | 40.779  | ug/l   | 99       |

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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Thu May 23 01:40:36 2024  
Response via : Initial Calibration

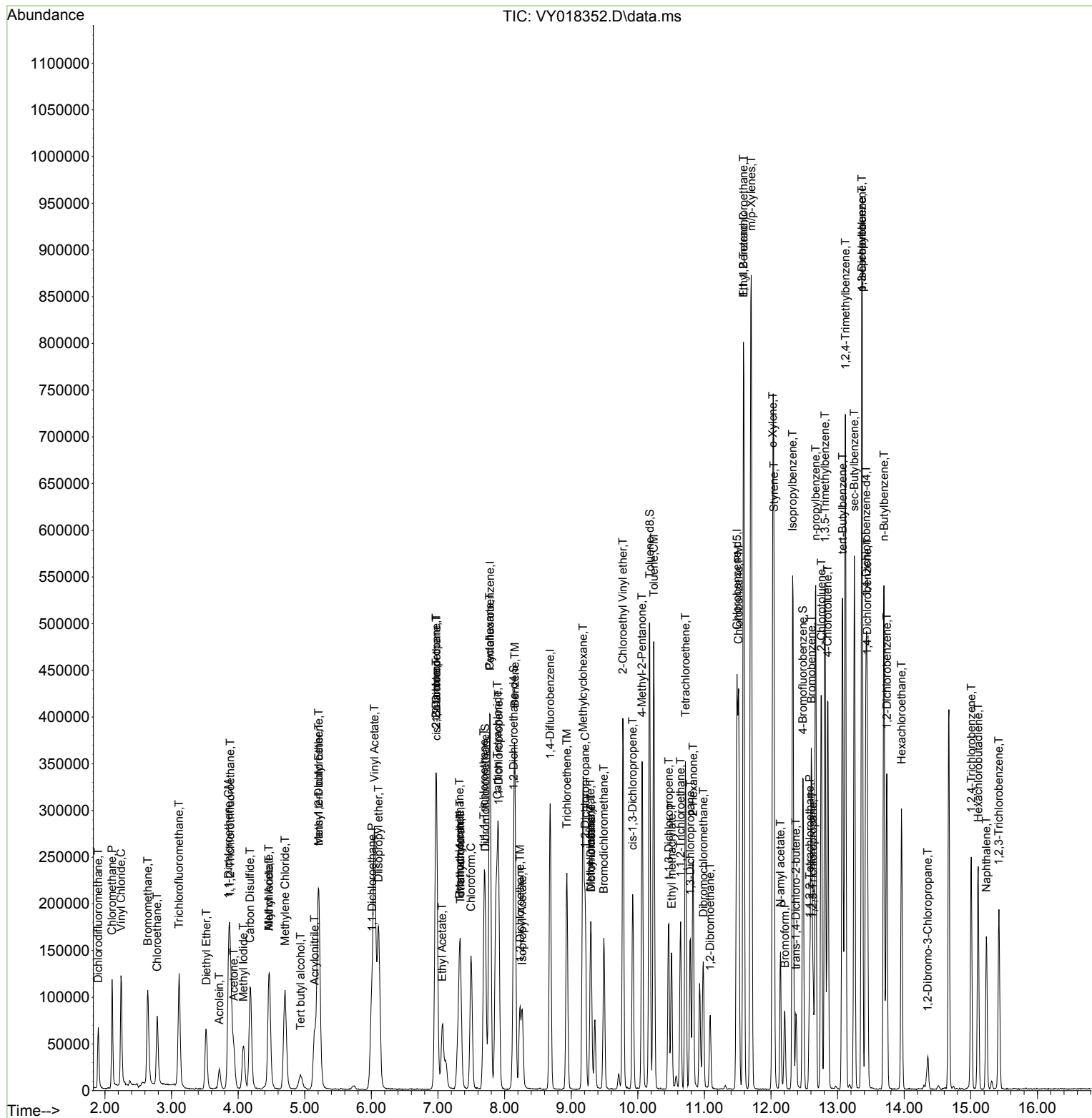
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

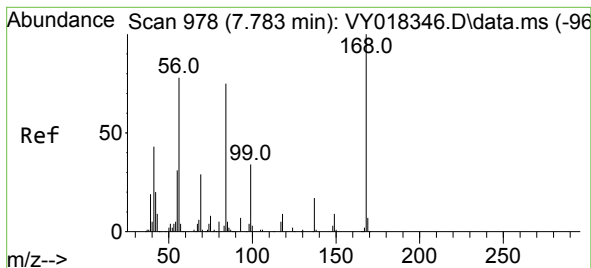
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

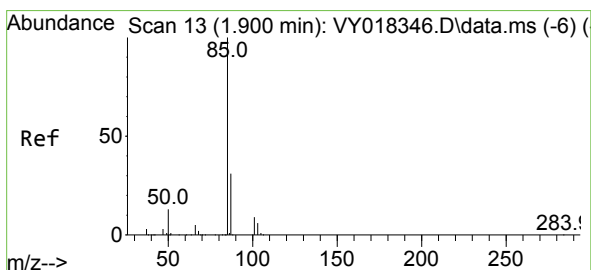
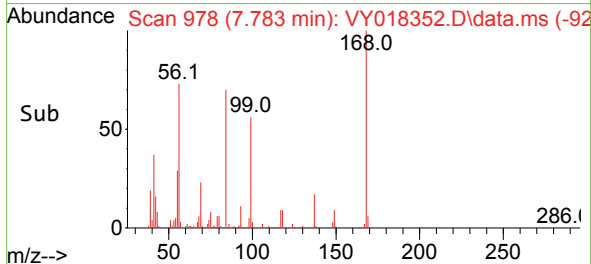
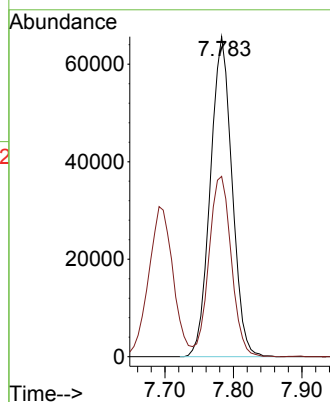
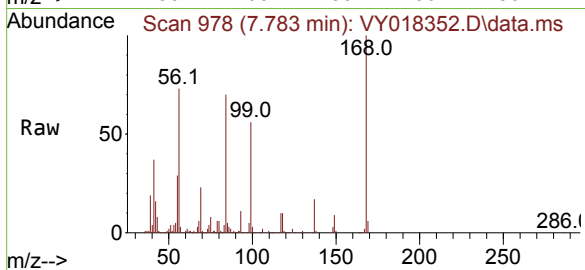
ClientSampleId :

Tgt Ion:168 Resp: 144433

Ion Ratio Lower Upper

168 100

99 56.3 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 43.583 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018352.D

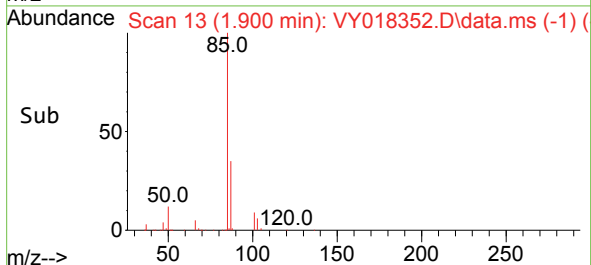
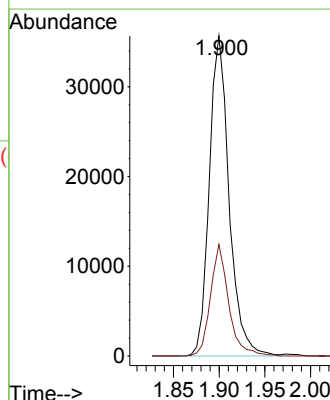
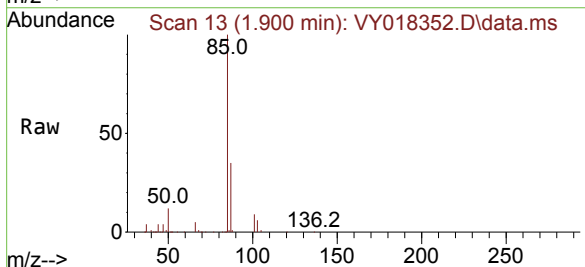
Acq: 23 May 2024 10:15

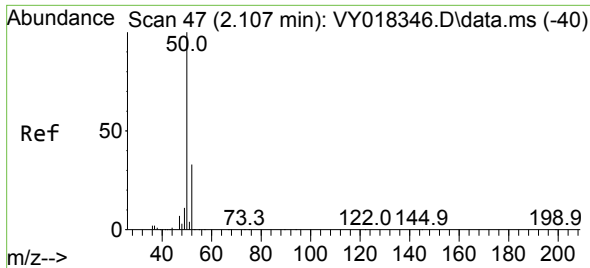
Tgt Ion: 85 Resp: 53727

Ion Ratio Lower Upper

85 100

87 34.9 16.0 48.0

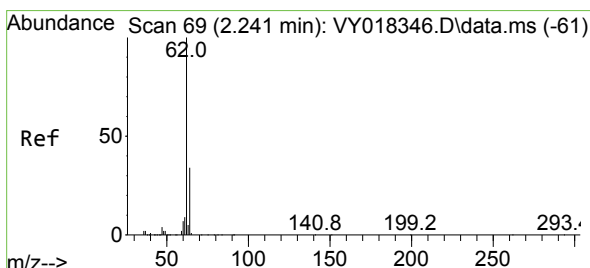
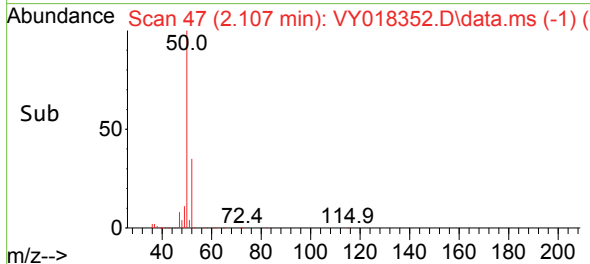
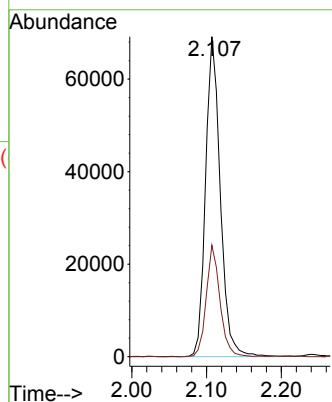
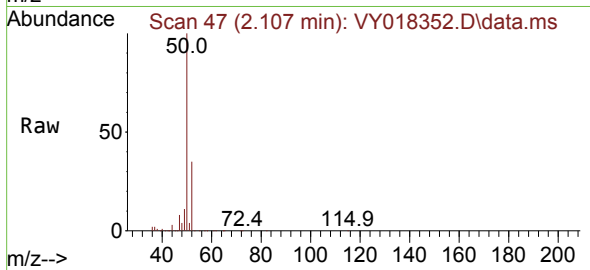




#3  
Chloromethane  
Concen: 47.256 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

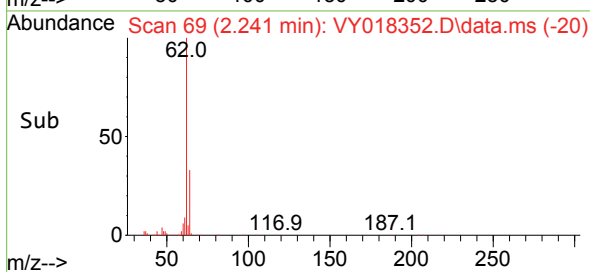
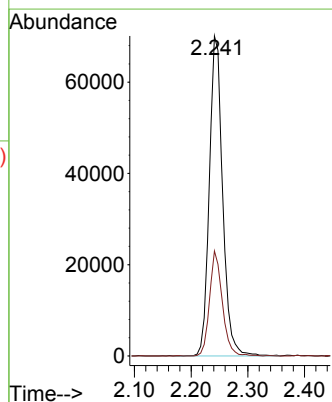
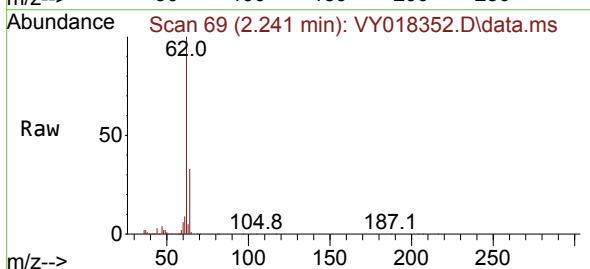
Instrument :  
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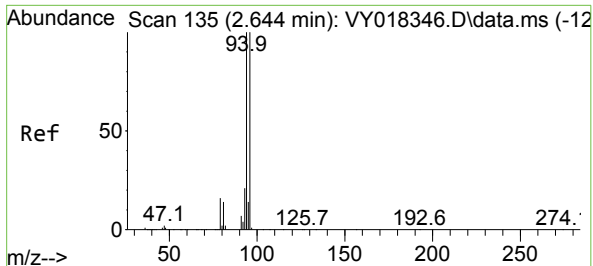
Tgt Ion: 50 Resp: 94670  
Ion Ratio Lower Upper  
50 100  
52 34.7 25.6 38.4



#4  
Vinyl Chloride  
Concen: 51.180 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 62 Resp: 114705  
Ion Ratio Lower Upper  
62 100  
64 32.8 26.1 39.1

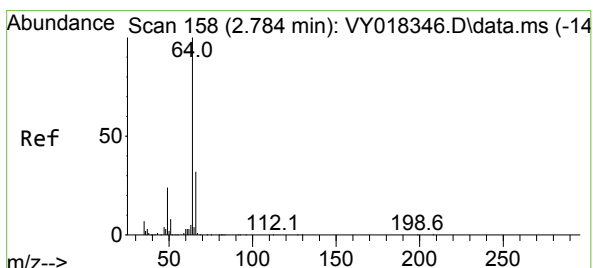
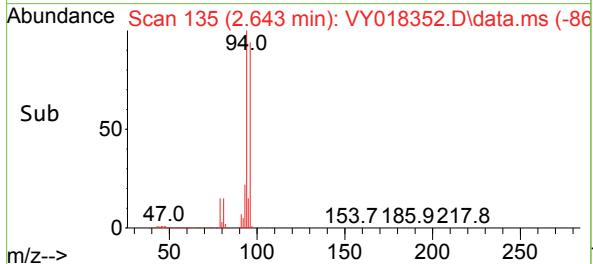
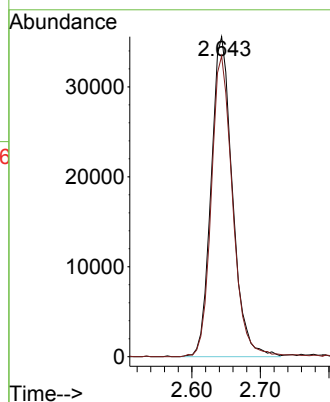
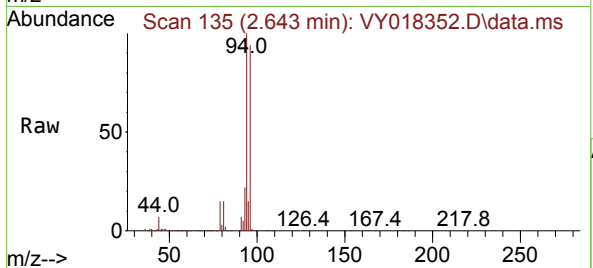




#5  
Bromomethane  
Concen: 48.133 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

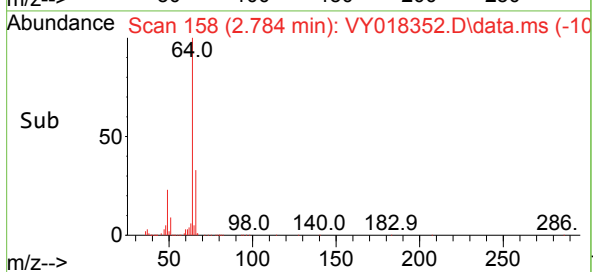
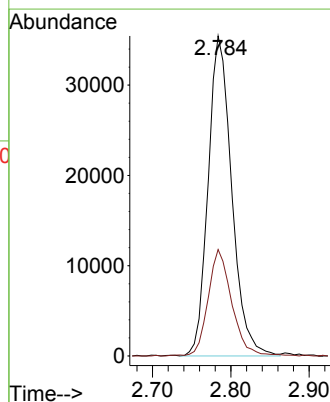
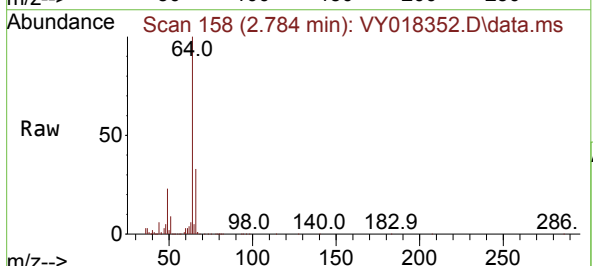
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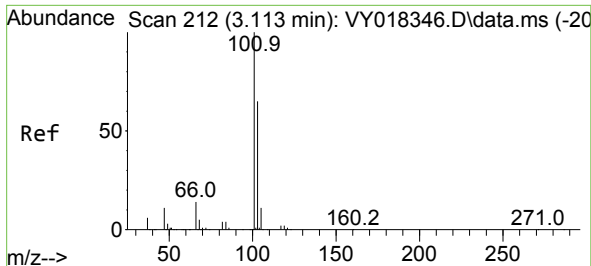
Tgt Ion: 94 Resp: 77126  
Ion Ratio Lower Upper  
94 100  
96 94.0 74.1 111.1



#6  
Chloroethane  
Concen: 51.065 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

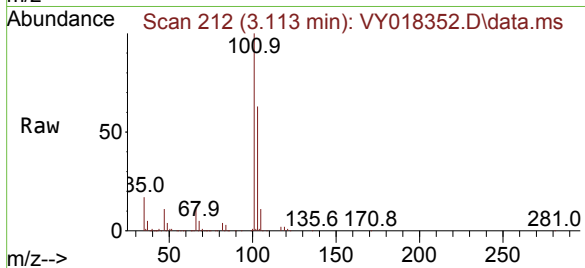
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Ion Ratio Lower Upper  
64 100  
66 33.0 26.1 39.1



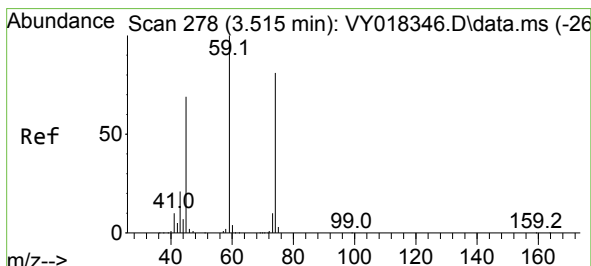
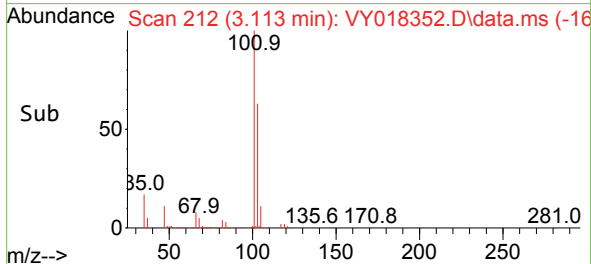
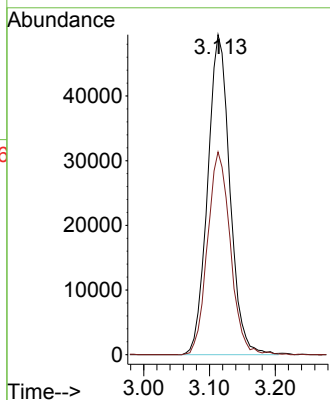


#7  
Trichlorofluoromethane  
Concen: 46.356 ug/l  
RT: 3.113 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

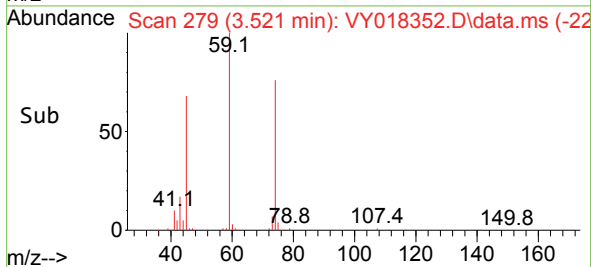
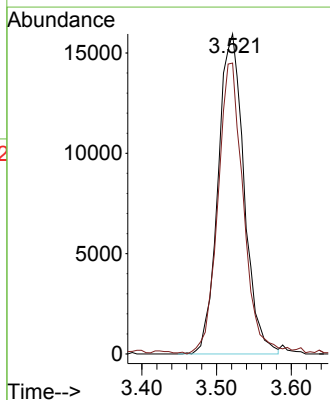
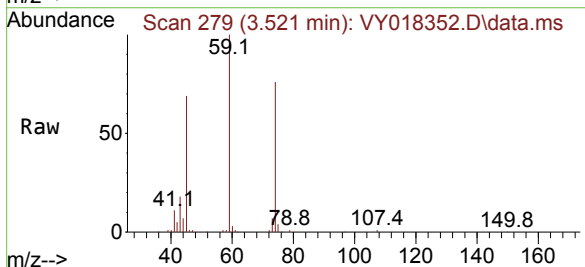


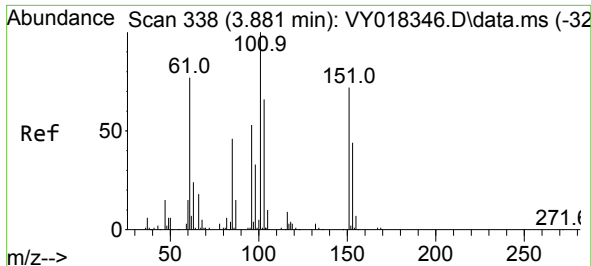
Tgt Ion:101 Resp: 116591  
Ion Ratio Lower Upper  
101 100  
103 63.4 49.3 73.9



#8  
Diethyl Ether  
Concen: 48.064 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 74 Resp: 38600  
Ion Ratio Lower Upper  
74 100  
45 90.2 41.3 124.1

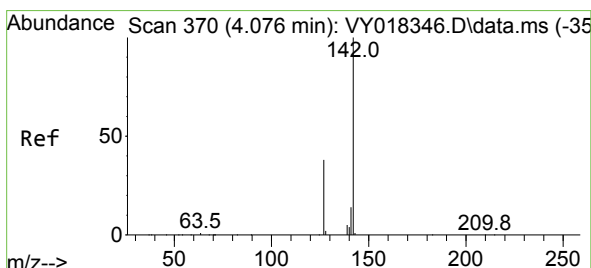
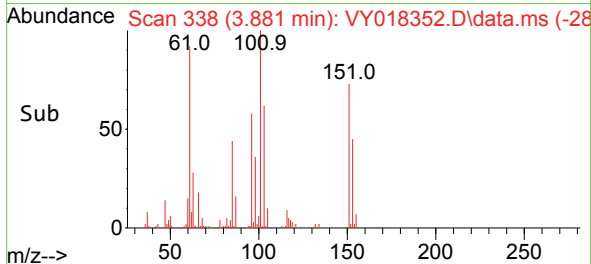
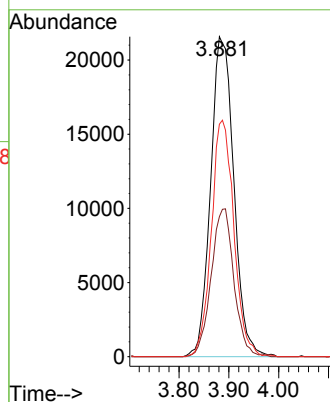
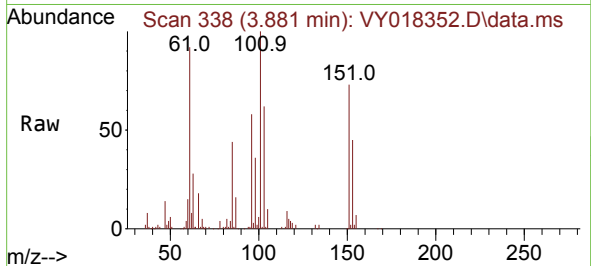




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.908 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

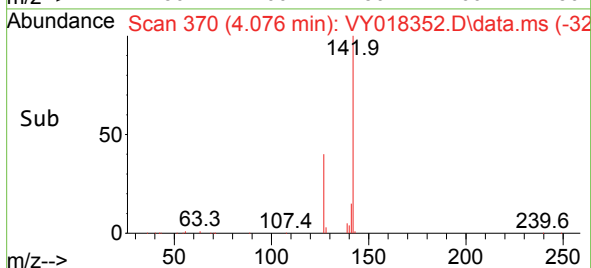
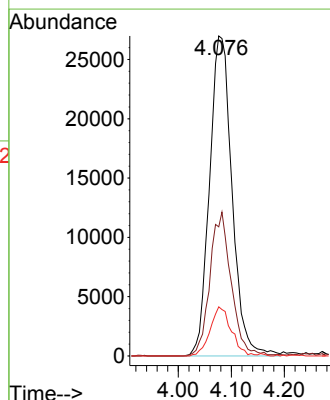
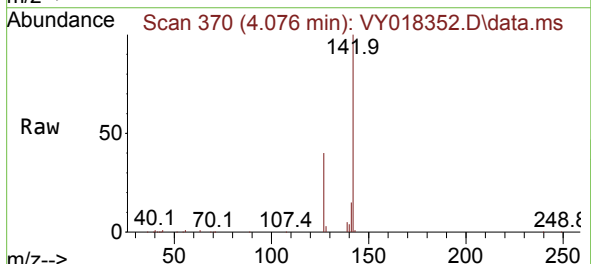
Instrument :  
MSVOA\_Y  
ClientSampleId :

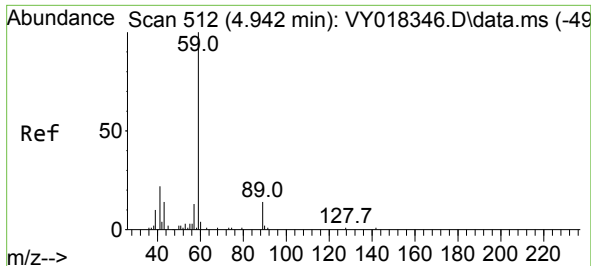
Tgt Ion:101 Resp: 69681  
Ion Ratio Lower Upper  
101 100  
85 45.4 34.5 51.7  
151 71.7 61.7 92.5



#10  
Methyl Iodide  
Concen: 51.045 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:142 Resp: 79653  
Ion Ratio Lower Upper  
142 100  
127 42.5 32.8 49.2  
141 14.4 11.4 17.2

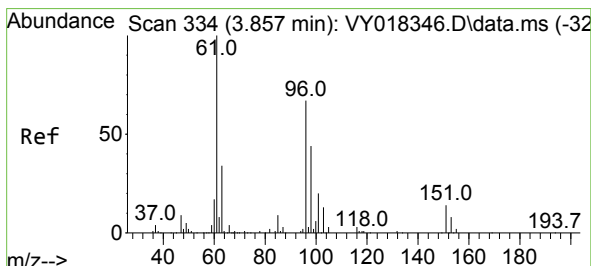
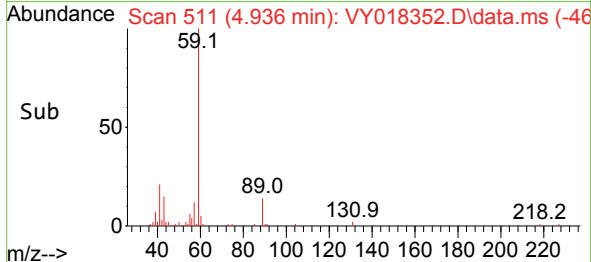
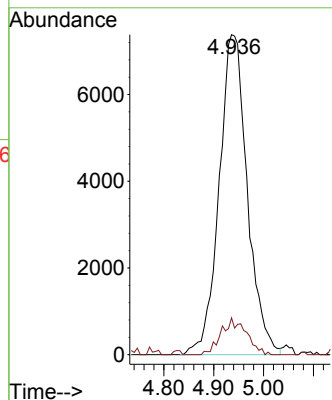
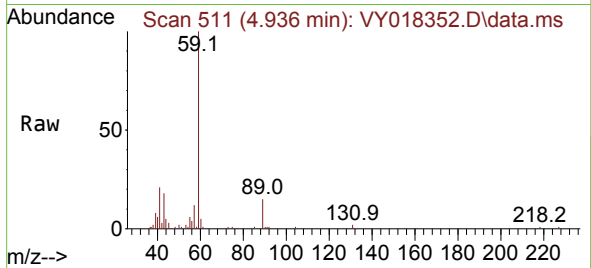




#11  
Tert butyl alcohol  
Concen: 226.291 ug/l  
RT: 4.936 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

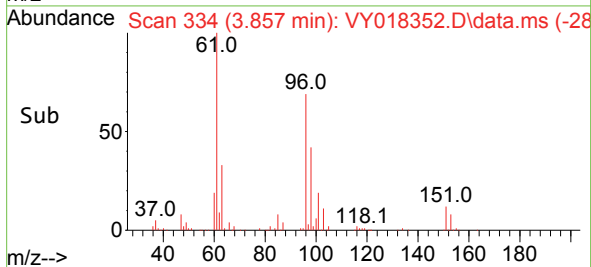
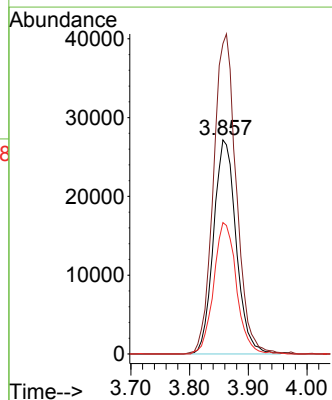
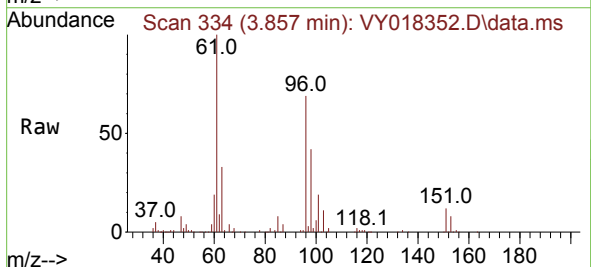
Instrument :  
MSVOA\_Y  
ClientSampleId :

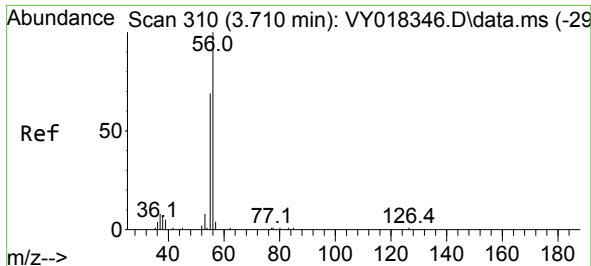
Tgt Ion: 59 Resp: 29000  
Ion Ratio Lower Upper  
59 100  
57 10.2 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 47.555 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 96 Resp: 72674  
Ion Ratio Lower Upper  
96 100  
61 144.9 114.6 171.8  
98 61.3 50.8 76.2





#13

Acrolein

Concen: 218.546 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

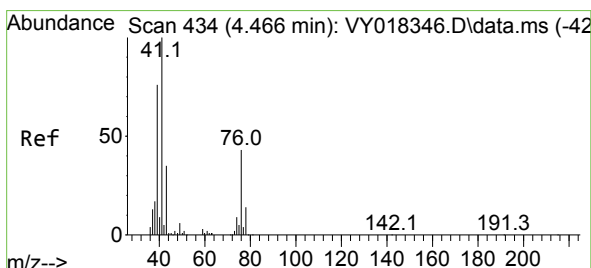
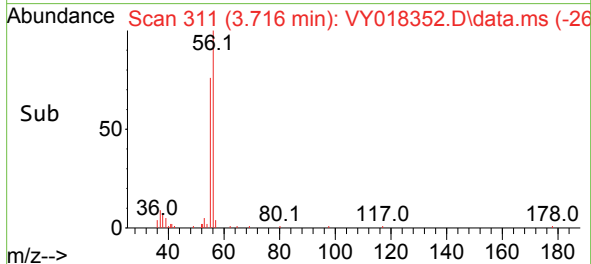
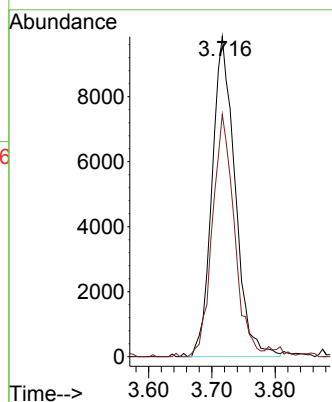
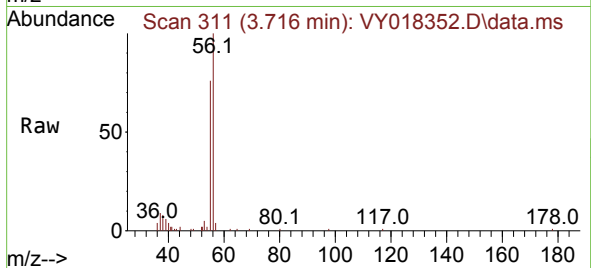
ClientSampleId :

Tgt Ion: 56 Resp: 24921

Ion Ratio Lower Upper

56 100

55 71.8 55.7 83.5



#14

Allyl chloride

Concen: 50.378 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

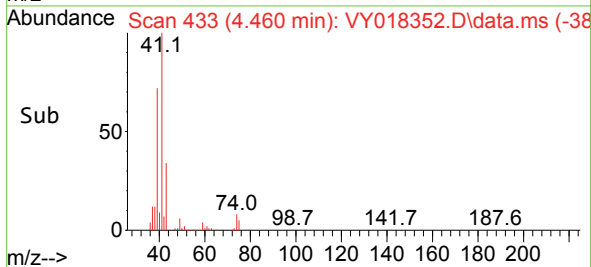
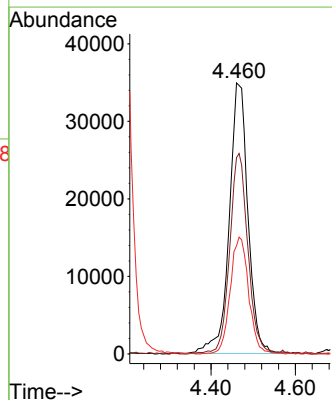
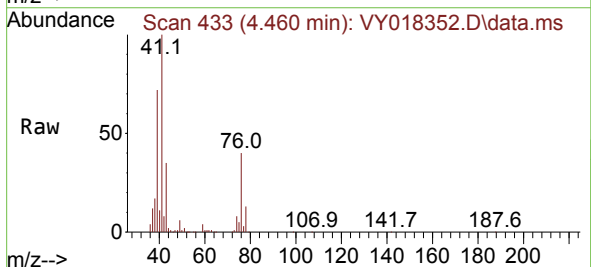
Tgt Ion: 41 Resp: 107524

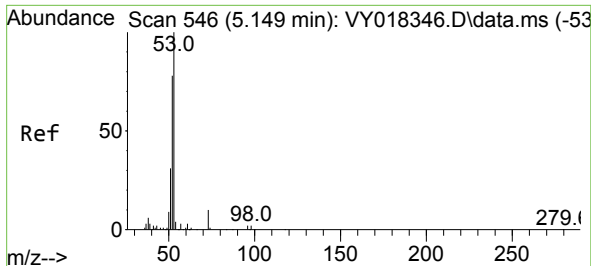
Ion Ratio Lower Upper

41 100

39 72.1 58.3 87.5

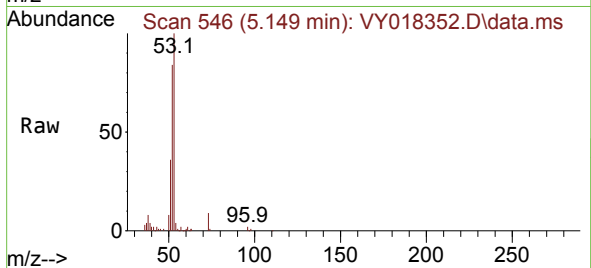
76 42.7 39.0 58.6



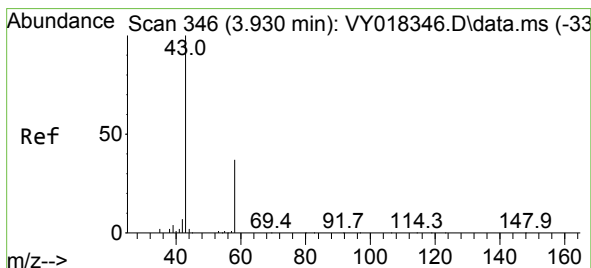
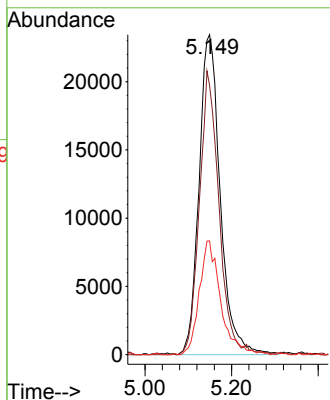
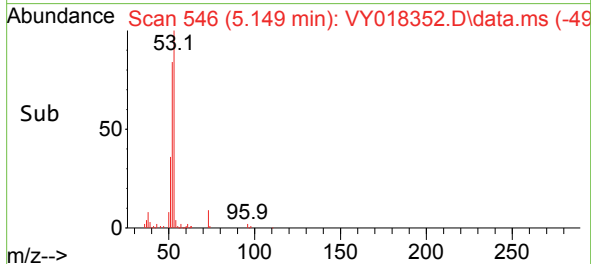


#15  
Acrylonitrile  
Concen: 229.665 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

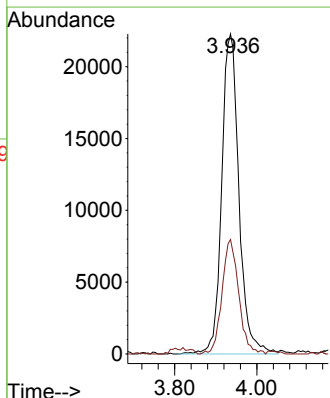
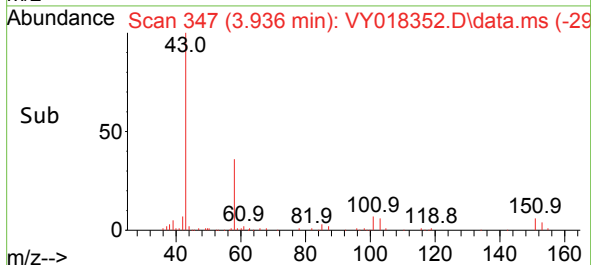
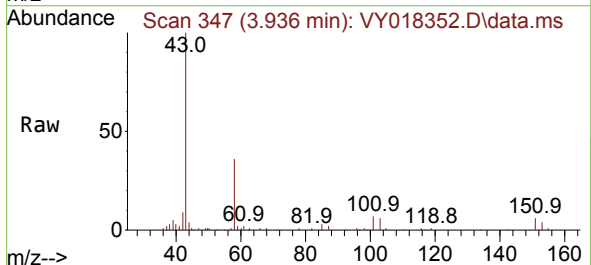


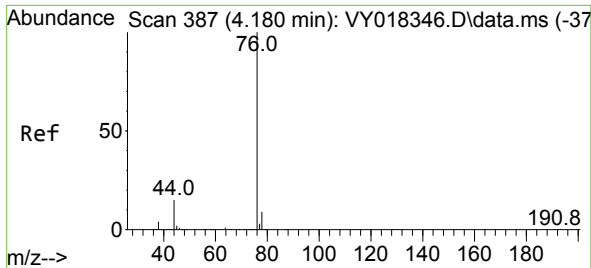
Tgt Ion: 53 Resp: 79777  
Ion Ratio Lower Upper  
53 100  
52 81.9 64.7 97.1  
51 35.7 28.4 42.6



#16  
Acetone  
Concen: 230.331 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 43 Resp: 64825  
Ion Ratio Lower Upper  
43 100  
58 35.4 31.7 47.5





#17

Carbon Disulfide

Concen: 52.517 ug/l

RT: 4.180 min Scan# 3

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

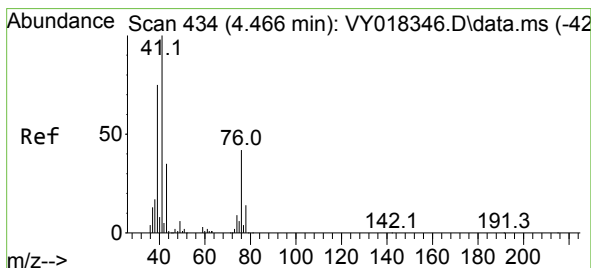
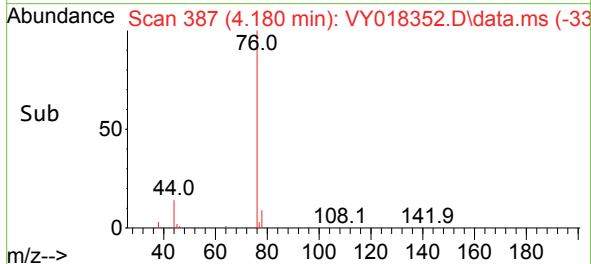
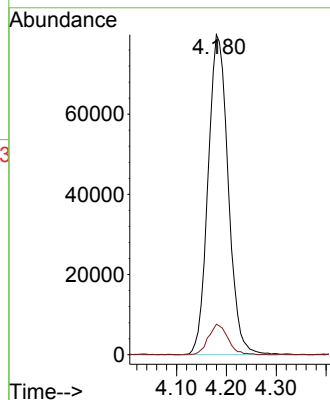
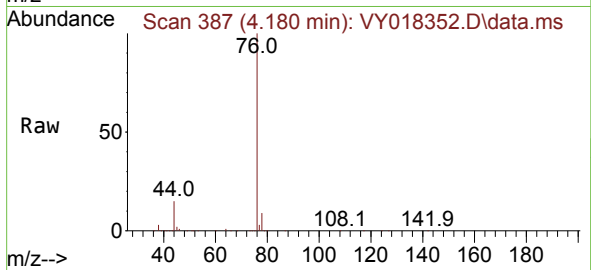
ClientSampleId :

Tgt Ion: 76 Resp: 224119

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 46.996 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018352.D

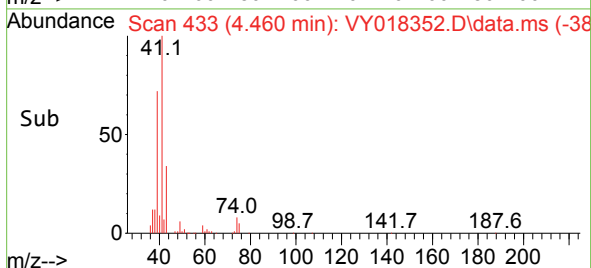
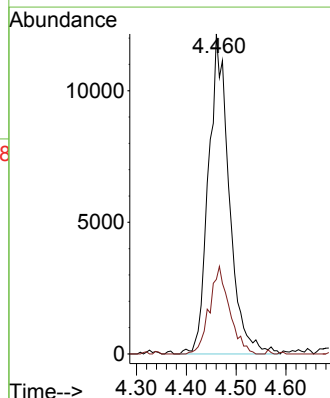
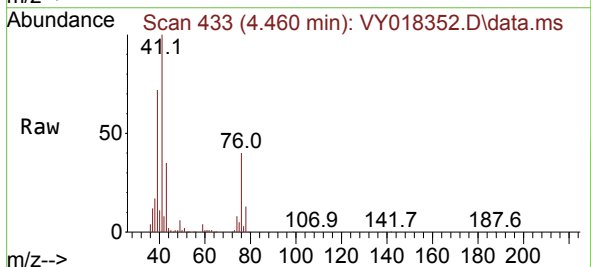
Acq: 23 May 2024 10:15

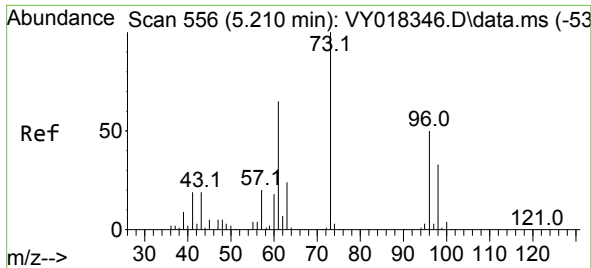
Tgt Ion: 43 Resp: 35058

Ion Ratio Lower Upper

43 100

74 26.5 23.3 34.9

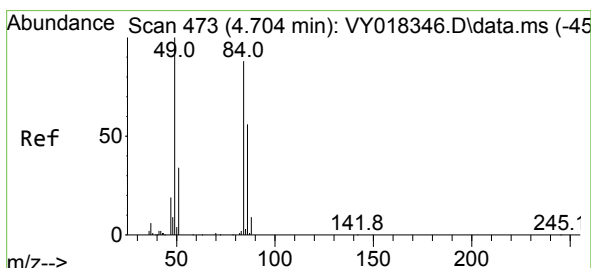
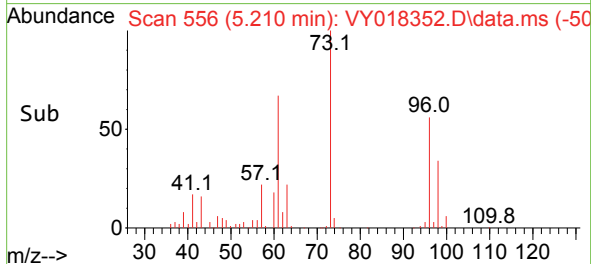
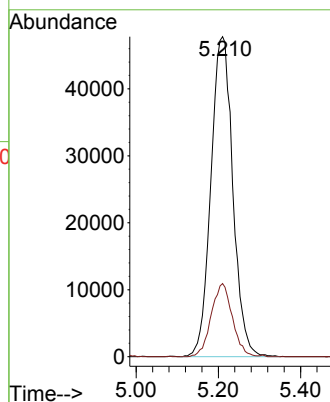
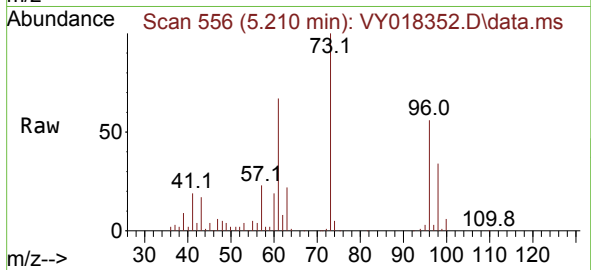




#19  
Methyl tert-butyl Ether  
Concen: 48.354 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

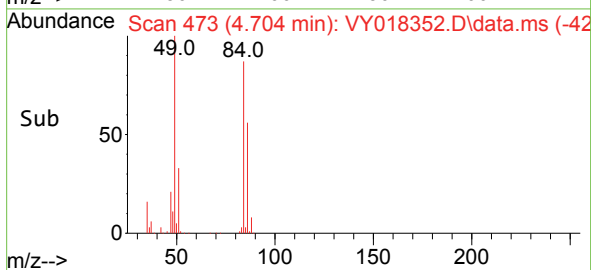
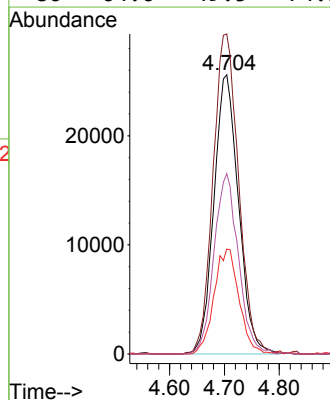
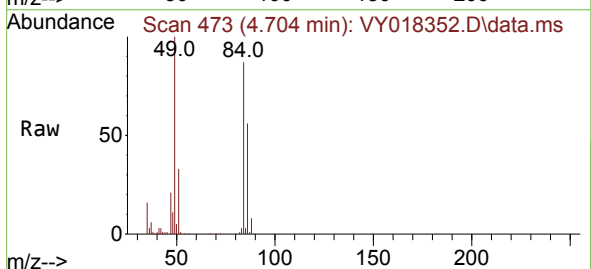
Instrument :  
MSVOA\_Y  
ClientSampleId :

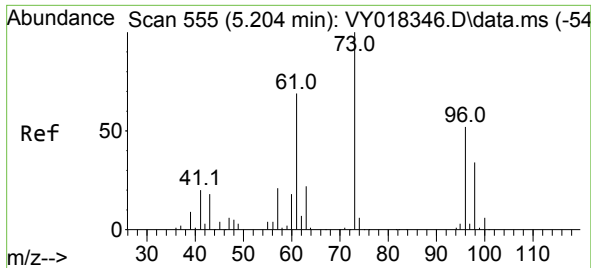
Tgt Ion: 73 Resp: 177191  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 49.293 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 84 Resp: 79991  
Ion Ratio Lower Upper  
84 100  
49 114.6 84.4 126.6  
51 37.6 26.0 39.0  
86 64.6 49.5 74.3

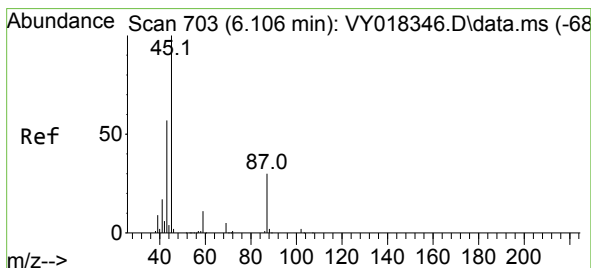
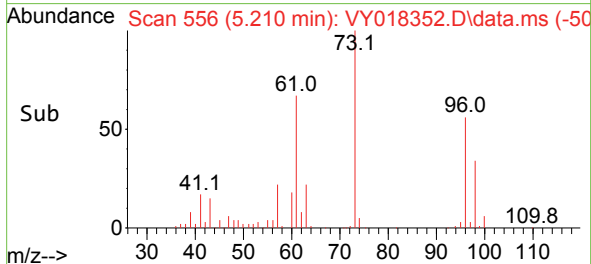
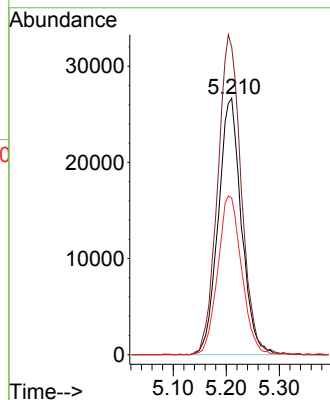
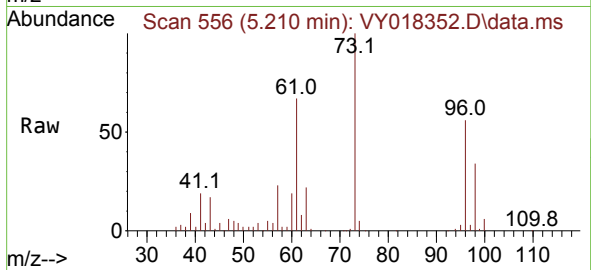




#21  
trans-1,2-Dichloroethene  
Concen: 50.110 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

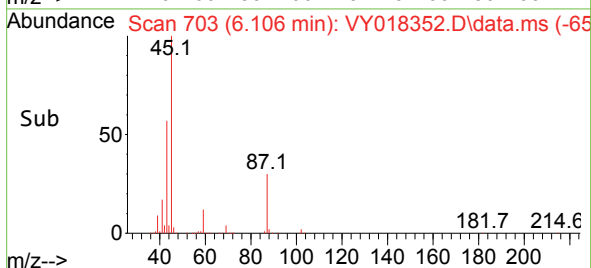
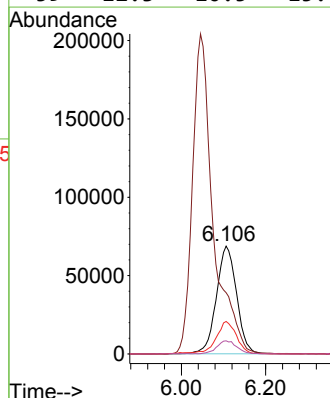
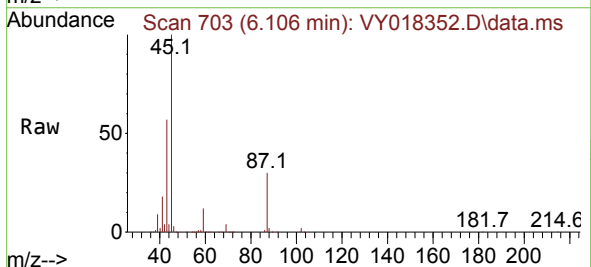
Instrument :  
MSVOA\_Y  
ClientSampleId :

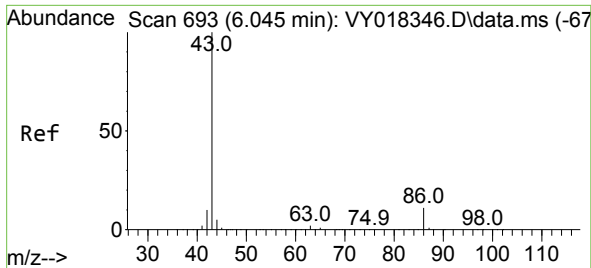
Tgt Ion: 96 Resp: 80786  
Ion Ratio Lower Upper  
96 100  
61 119.7 97.5 146.3  
98 60.9 50.5 75.7



#22  
Diisopropyl ether  
Concen: 51.505 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 45 Resp: 228443  
Ion Ratio Lower Upper  
45 100  
43 56.4 42.2 63.2  
87 30.1 25.0 37.6  
59 12.3 10.5 15.7

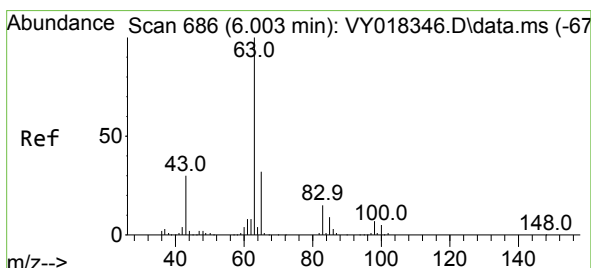
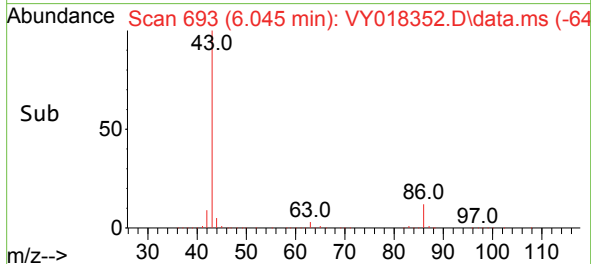
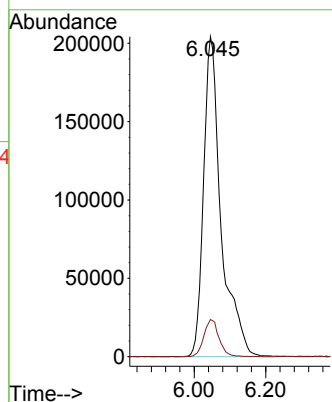
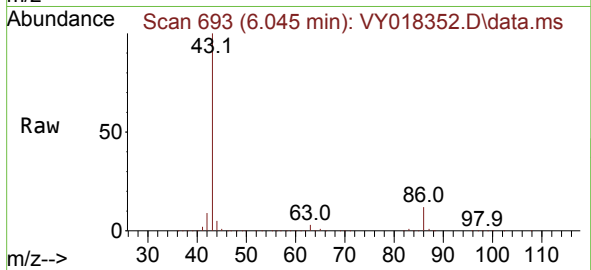




#23  
 Vinyl Acetate  
 Concen: 244.846 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

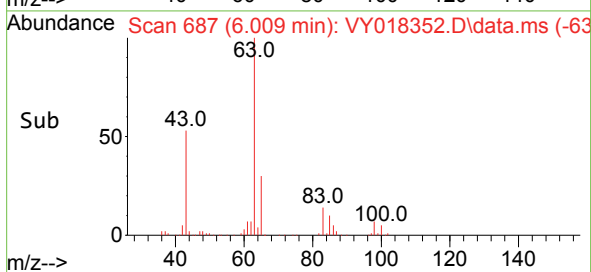
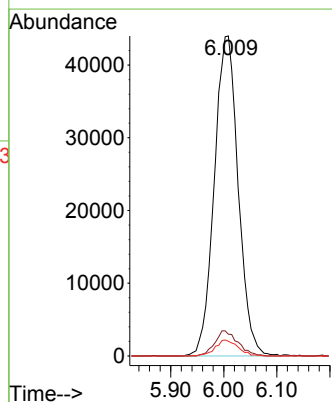
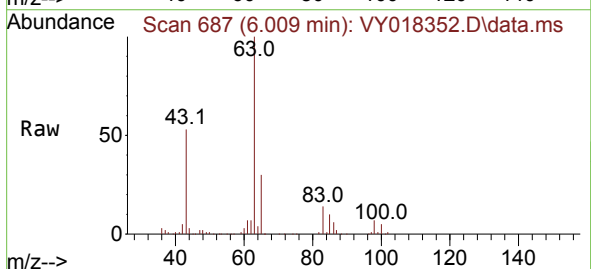
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

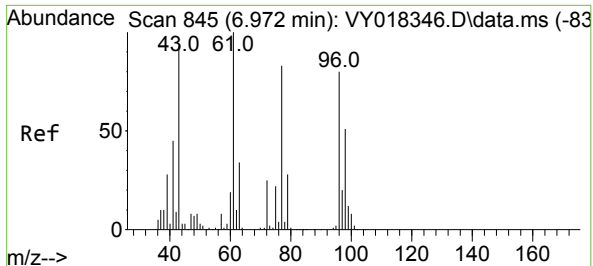
Tgt Ion: 43 Resp: 695373  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 50.552 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.006 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Tgt Ion: 63 Resp: 137505  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 4.0 12.2  
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 231.681 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

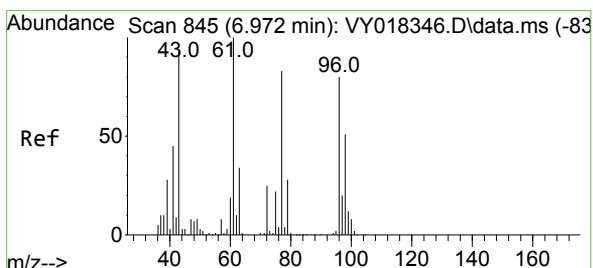
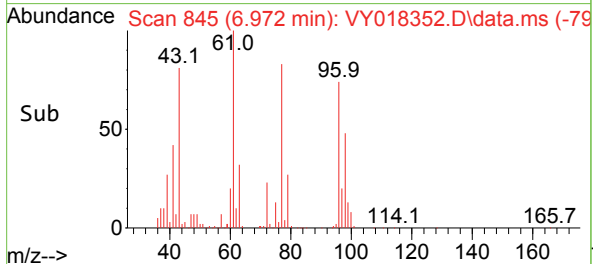
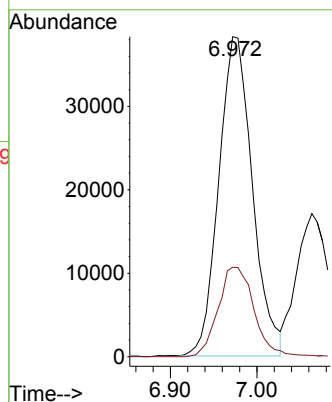
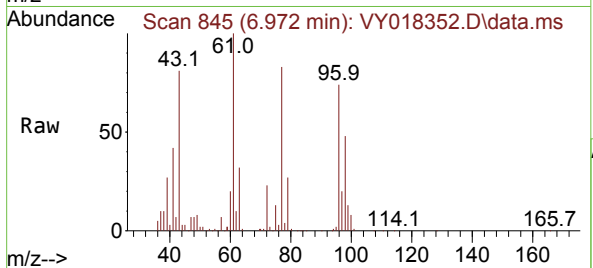
ClientSampleId :

Tgt Ion: 43 Resp: 103330

Ion Ratio Lower Upper

43 100

72 28.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.893 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018352.D

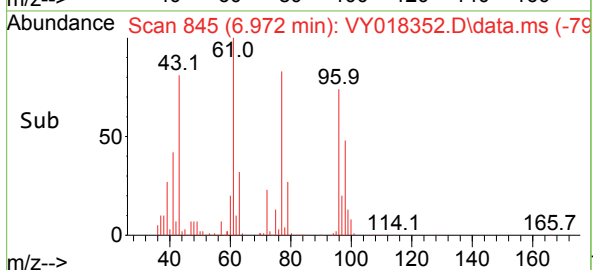
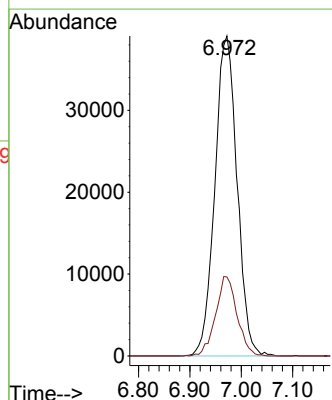
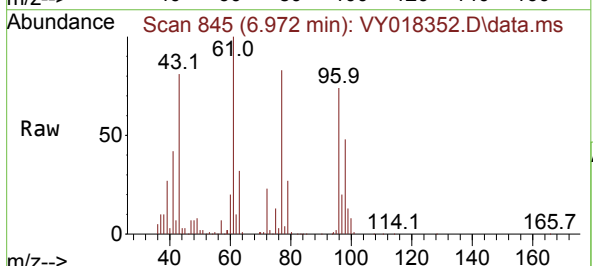
Acq: 23 May 2024 10:15

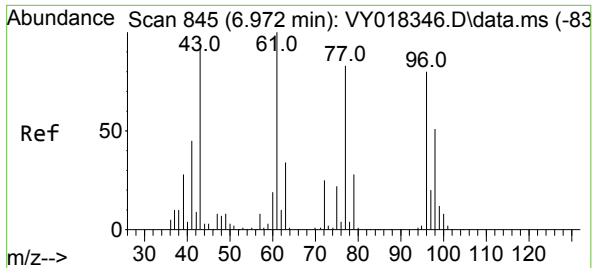
Tgt Ion: 77 Resp: 117317

Ion Ratio Lower Upper

77 100

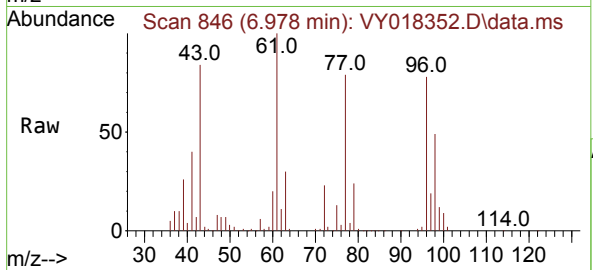
97 24.0 12.0 36.1



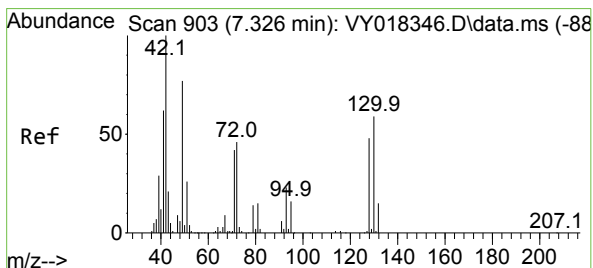
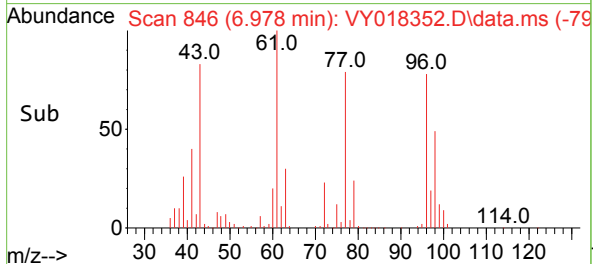
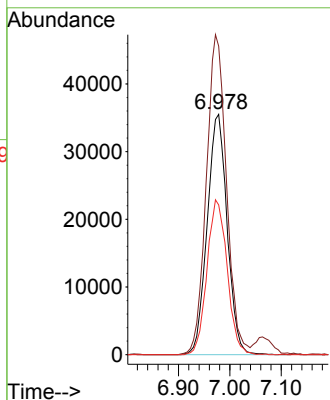


#27  
 cis-1,2-Dichloroethene  
 Concen: 50.677 ug/l  
 RT: 6.978 min Scan# 845  
 Delta R.T. 0.006 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

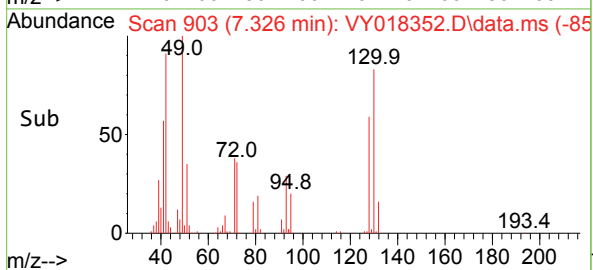
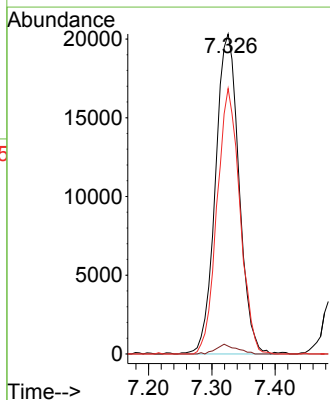
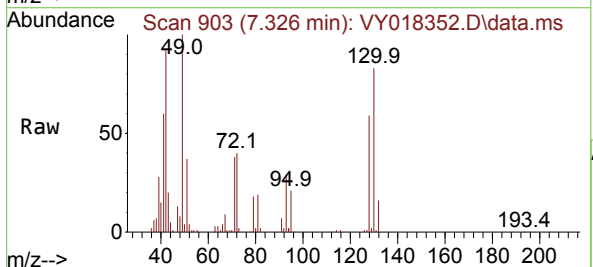


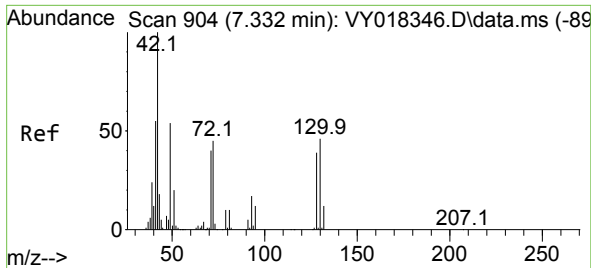
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.4 | 0.0   | 256.2 |
| 98      | 65.1  | 0.0   | 130.0 |



#28  
 Bromochloromethane  
 Concen: 56.623 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 4.6   |
| 130     | 80.6  | 72.7  | 109.1 |

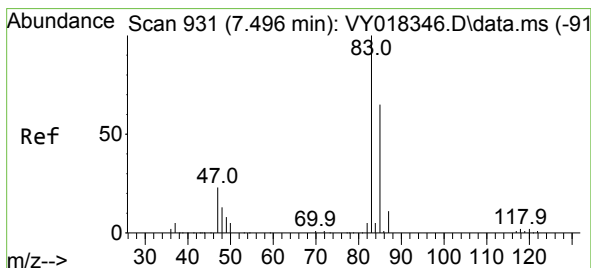
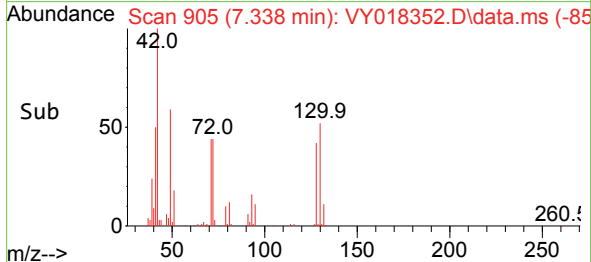
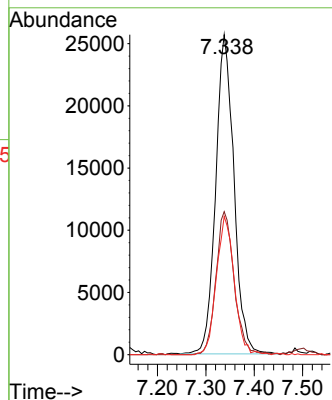
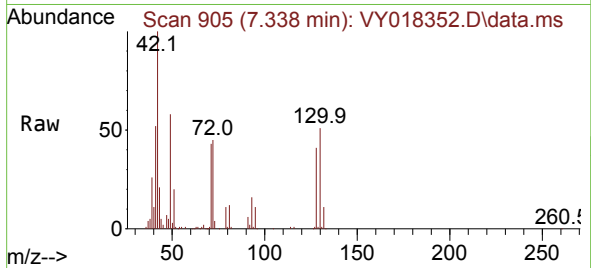




#29  
Tetrahydrofuran  
Concen: 228.934 ug/l  
RT: 7.338 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

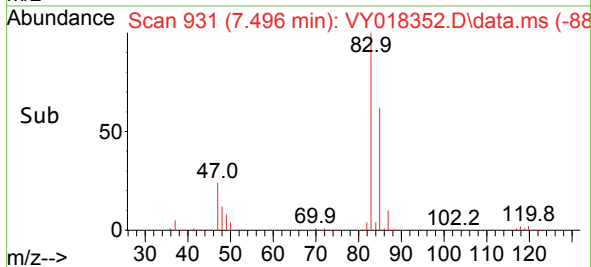
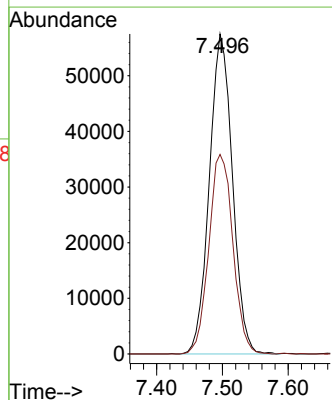
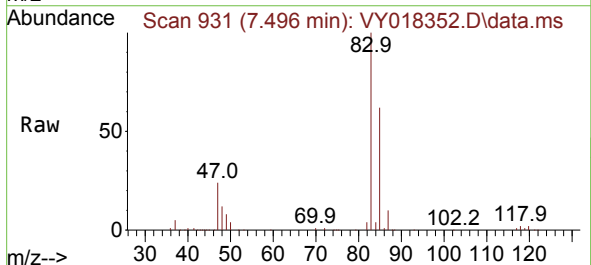
Instrument :  
MSVOA\_Y  
ClientSampleId :

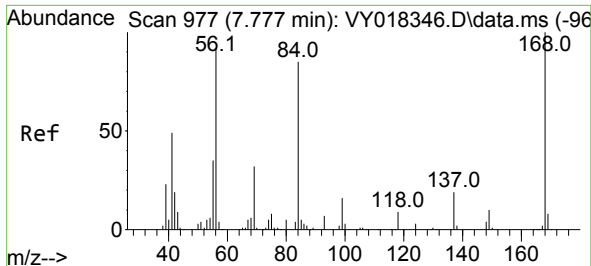
Tgt Ion: 42 Resp: 67206  
Ion Ratio Lower Upper  
42 100  
72 44.9 43.0 64.4  
71 42.6 40.8 61.2



#30  
Chloroform  
Concen: 50.711 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

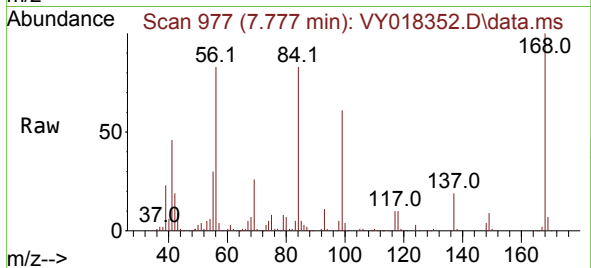
Tgt Ion: 83 Resp: 140596  
Ion Ratio Lower Upper  
83 100  
85 62.4 52.2 78.4



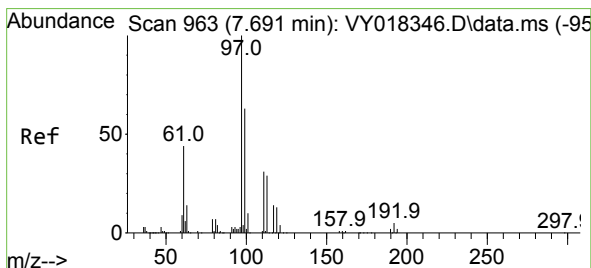
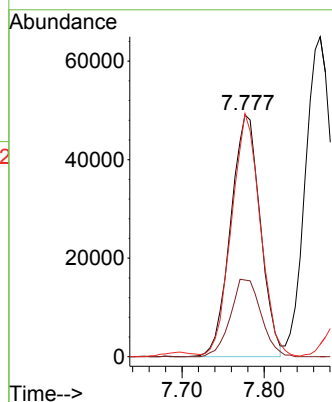
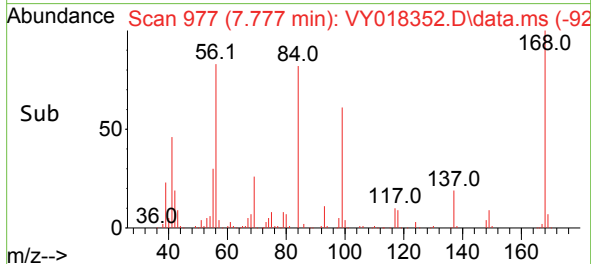


#31  
Cyclohexane  
Concen: 51.138 ug/l  
RT: 7.777 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

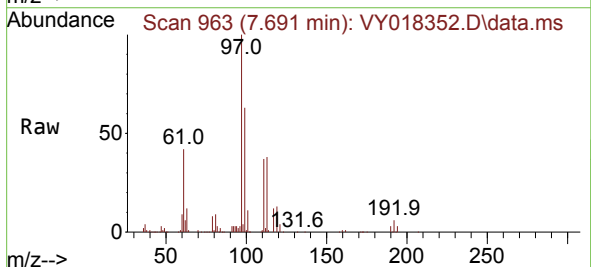
Instrument :  
MSVOA\_Y  
ClientSampleId :



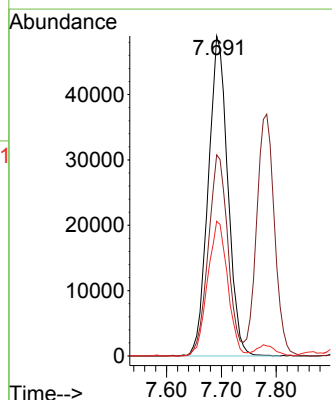
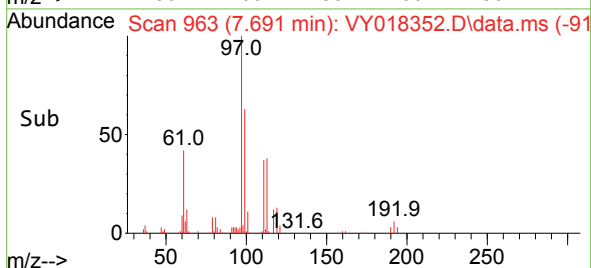
Tgt Ion: 56 Resp: 123105  
Ion Ratio Lower Upper  
56 100  
69 31.7 28.7 43.1  
84 98.5 77.7 116.5

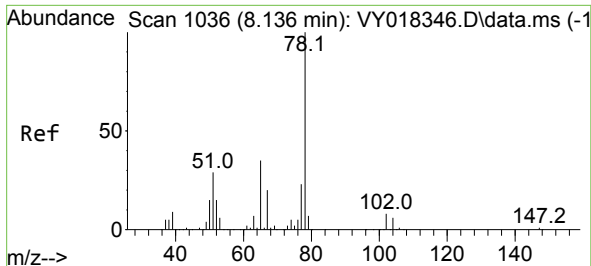


#32  
1,1,1-Trichloroethane  
Concen: 49.754 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15



Tgt Ion: 97 Resp: 121075  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.3 75.5  
61 43.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.722 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

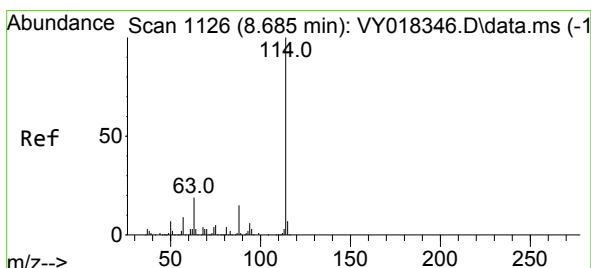
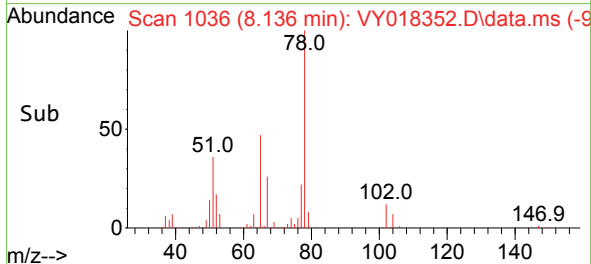
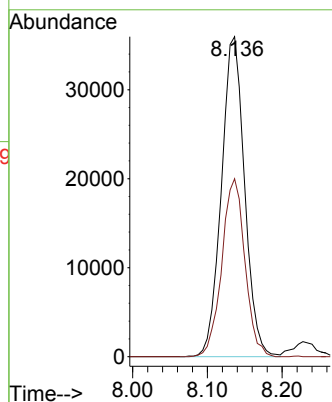
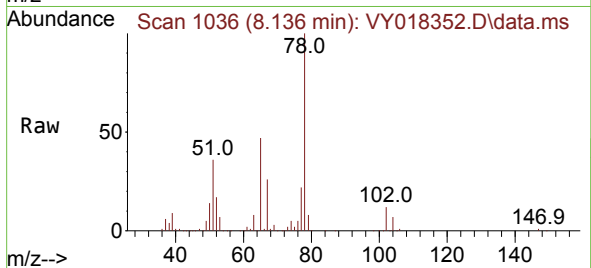
ClientSampleId :

Tgt Ion: 65 Resp: 77618

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

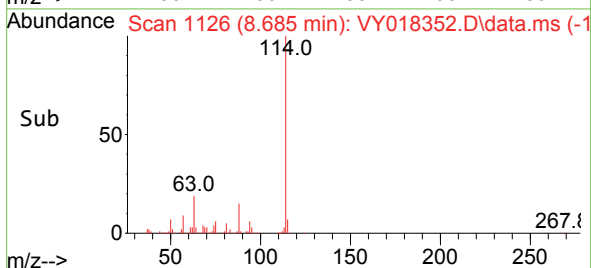
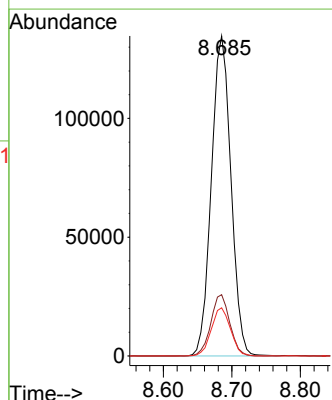
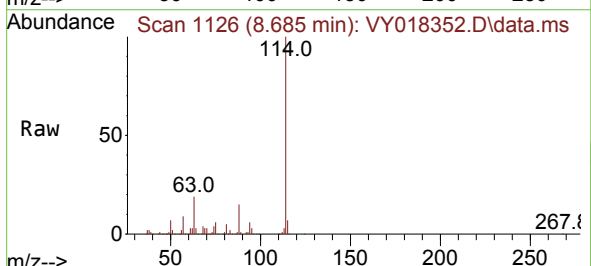
Tgt Ion:114 Resp: 267719

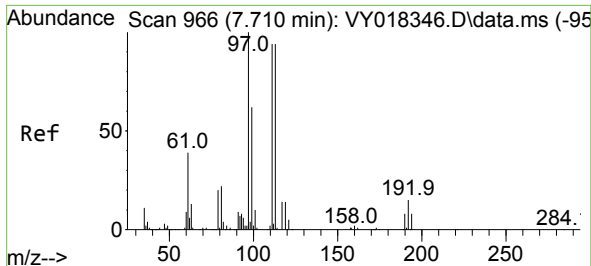
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.0 0.0 27.2

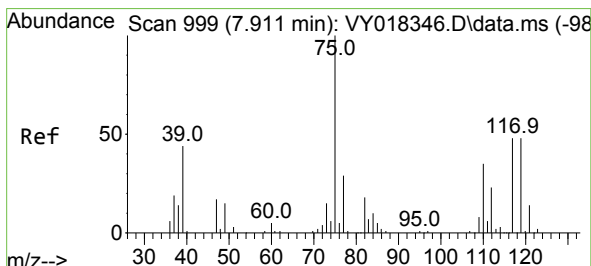
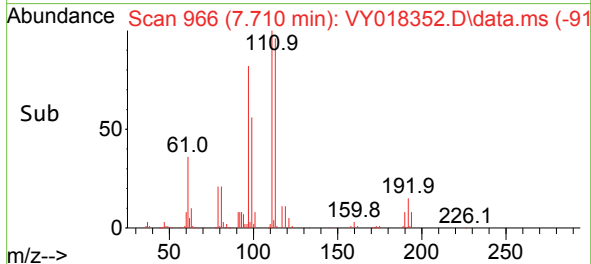
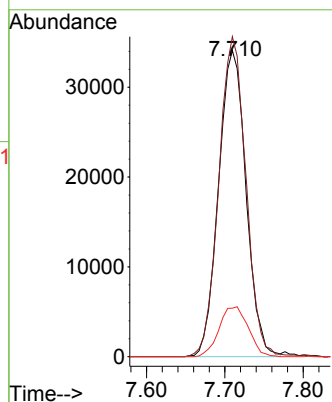
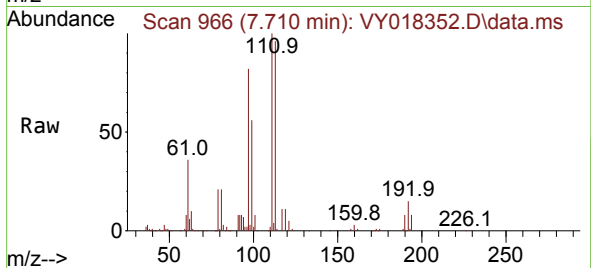




#35  
Dibromofluoromethane  
Concen: 53.146 ug/l  
RT: 7.710 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

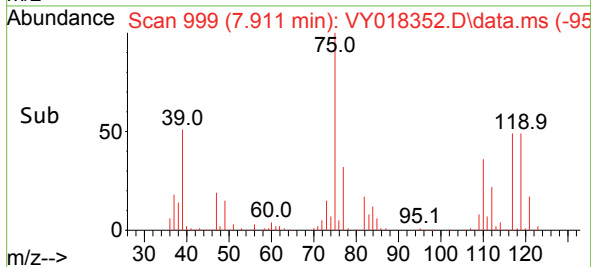
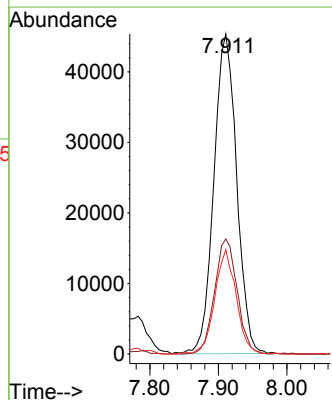
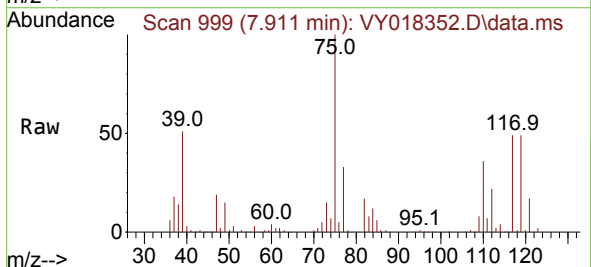
Instrument :  
MSVOA\_Y  
ClientSampleId :

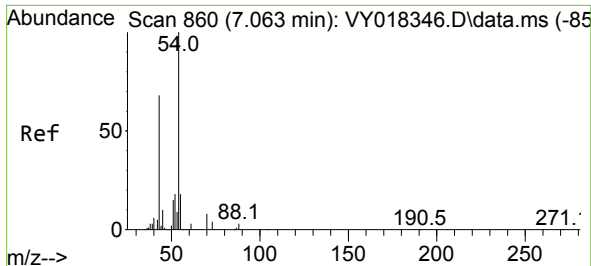
Tgt Ion:113 Resp: 82972  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.4  
192 17.4 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 46.173 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 75 Resp: 104540  
Ion Ratio Lower Upper  
75 100  
110 35.7 19.0 57.0  
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 41.804 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

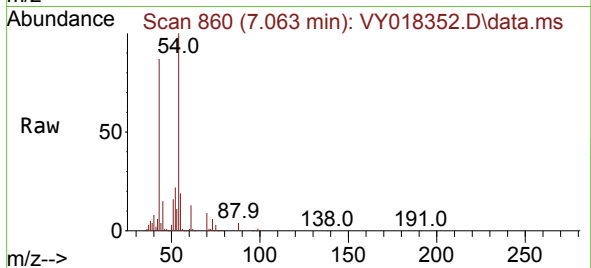
Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :



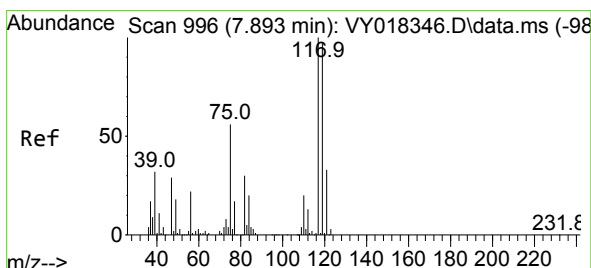
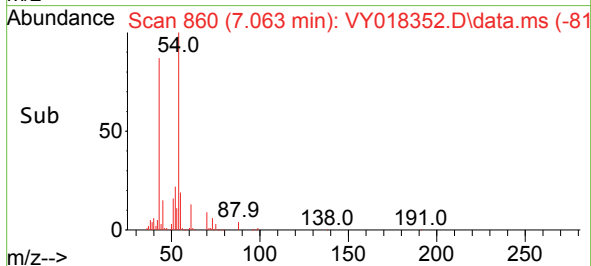
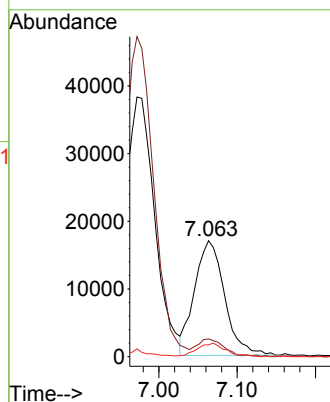
Tgt Ion: 43 Resp: 45277

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 44.641 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

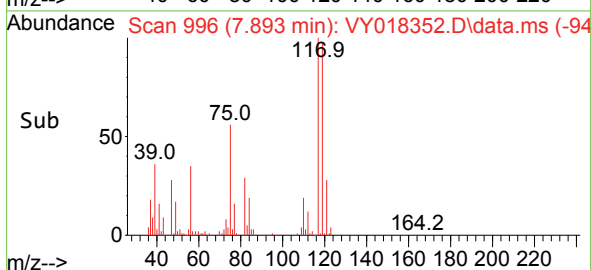
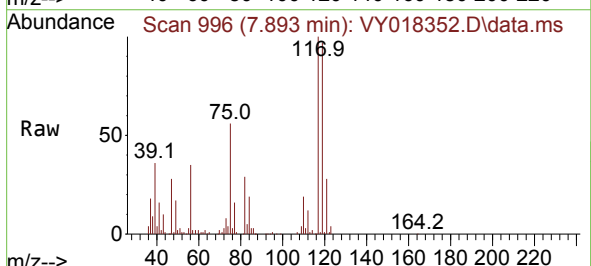
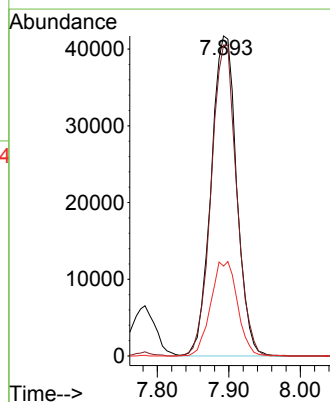
Tgt Ion: 117 Resp: 103520

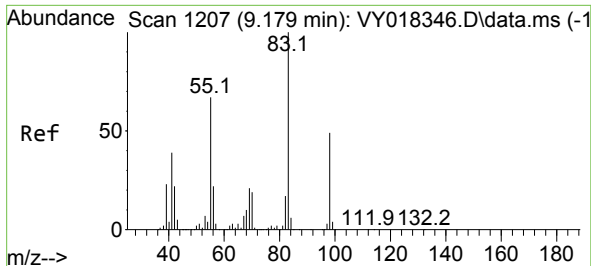
Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.6

121 28.1 24.0 36.0





#39

Methylcyclohexane

Concen: 44.845 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

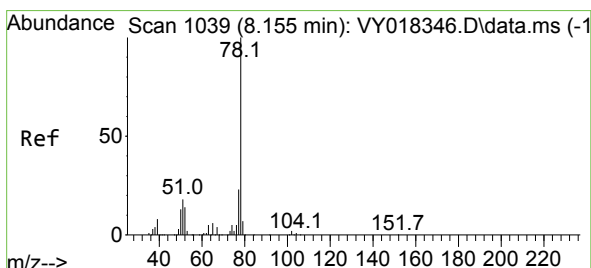
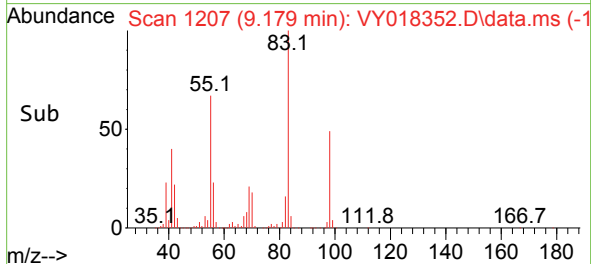
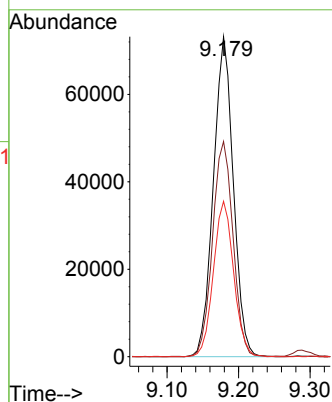
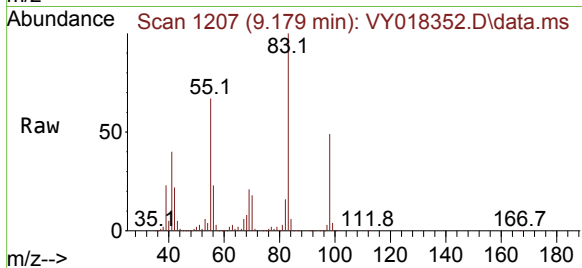
Tgt Ion: 83 Resp: 141636

Ion Ratio Lower Upper

83 100

55 67.1 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 48.019 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018352.D

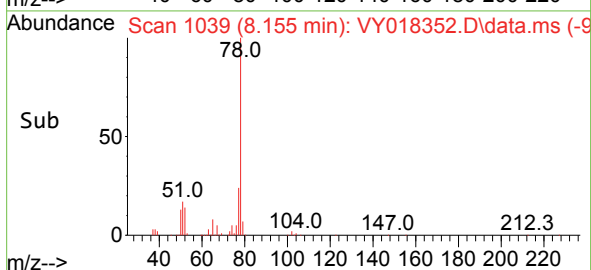
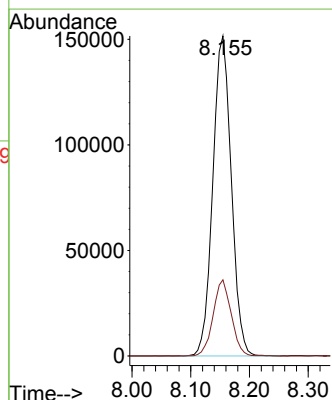
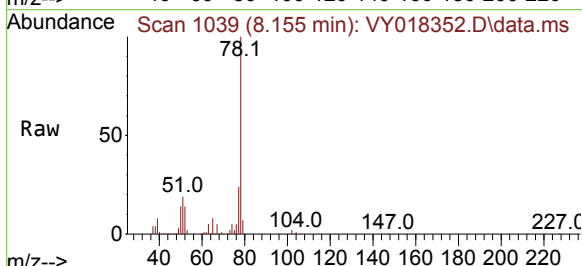
Acq: 23 May 2024 10:15

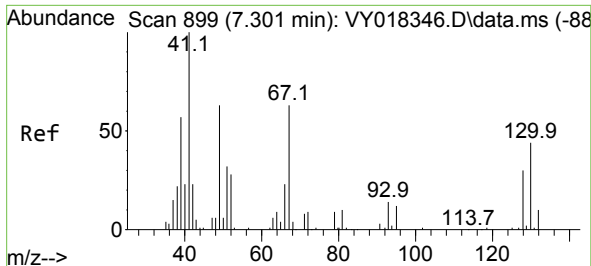
Tgt Ion: 78 Resp: 331429

Ion Ratio Lower Upper

78 100

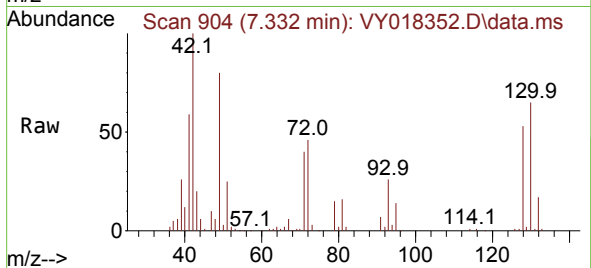
77 23.8 19.5 29.3



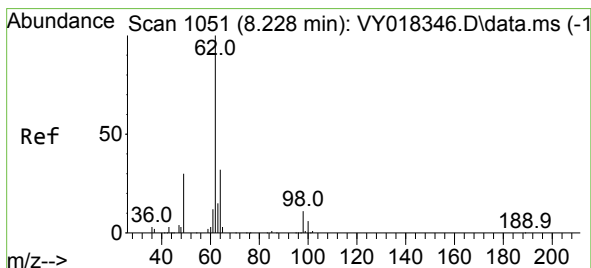
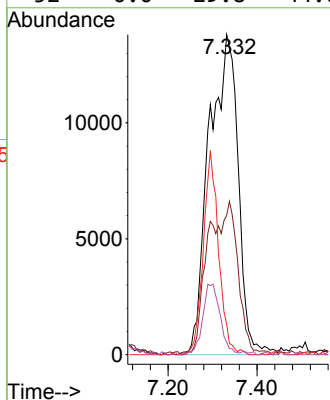
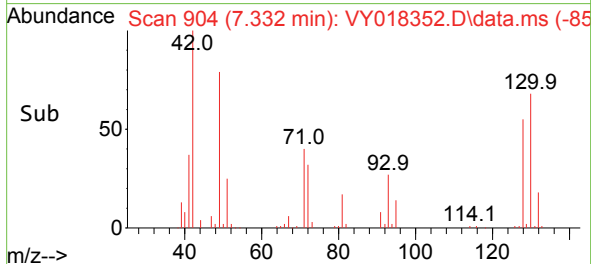


#41  
Methacrylonitrile  
Concen: 115.743 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.030 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

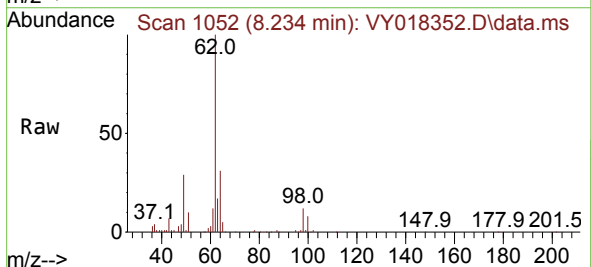
Instrument :  
MSVOA\_Y  
ClientSampleId :



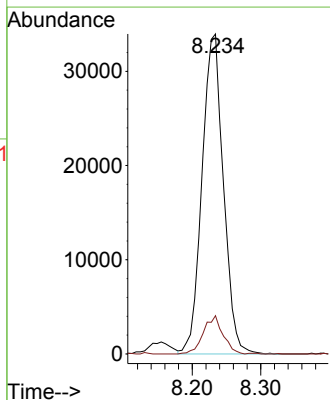
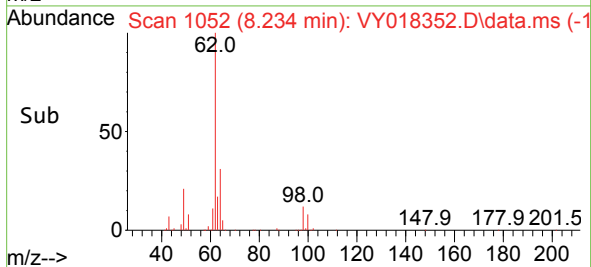
Tgt Ion: 41 Resp: 62575  
Ion Ratio Lower Upper  
41 100  
39 0.0 48.0 72.0#  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#

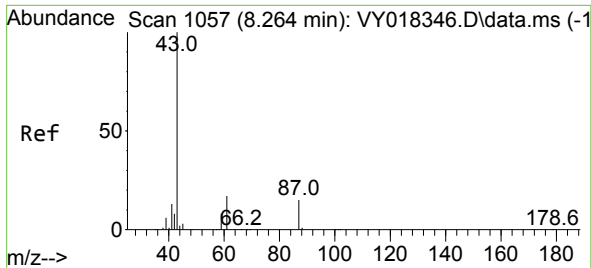


#42  
1,2-Dichloroethane  
Concen: 44.422 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15



Tgt Ion: 62 Resp: 73750  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 22.0

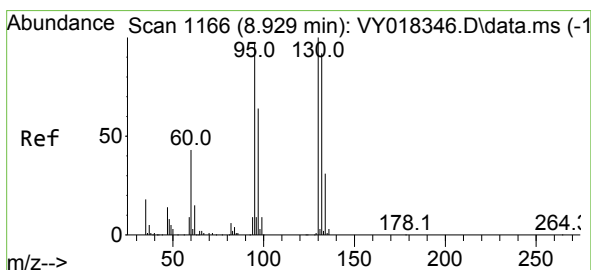
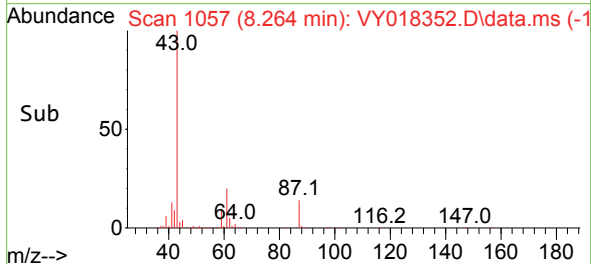
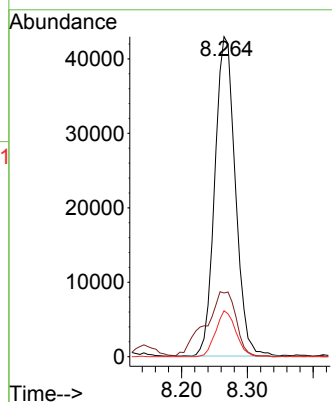
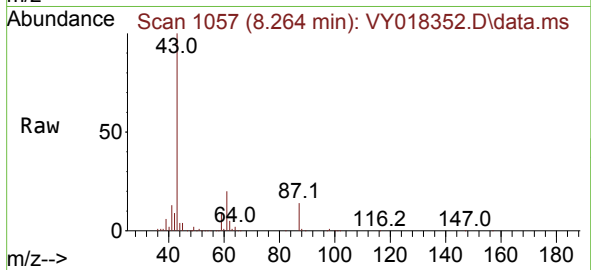




#43  
Isopropyl Acetate  
Concen: 44.091 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

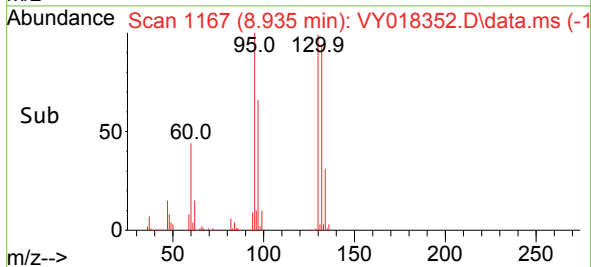
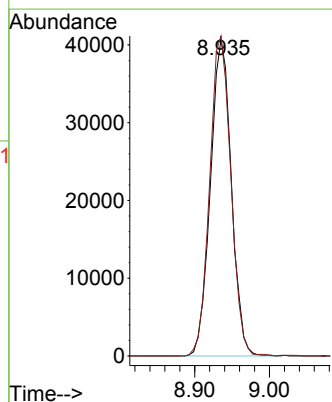
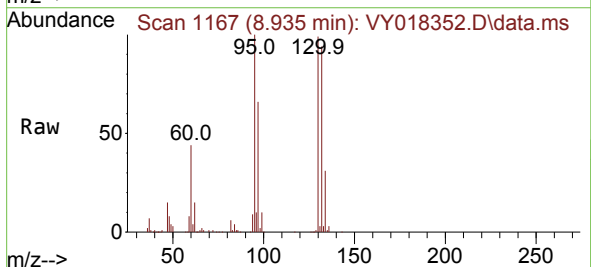
Instrument :  
MSVOA\_Y  
ClientSampleId :

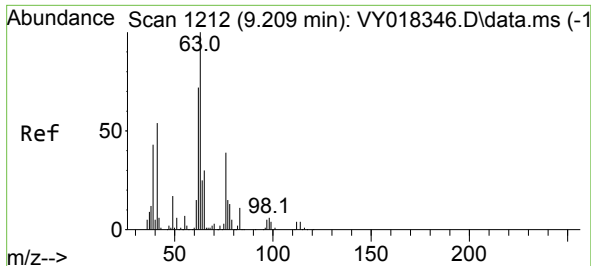
Tgt Ion: 43 Resp: 93174  
Ion Ratio Lower Upper  
43 100  
61 30.5 27.9 41.9  
87 14.2 13.1 19.7



#44  
Trichloroethene  
Concen: 44.697 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:130 Resp: 79076  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.095 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

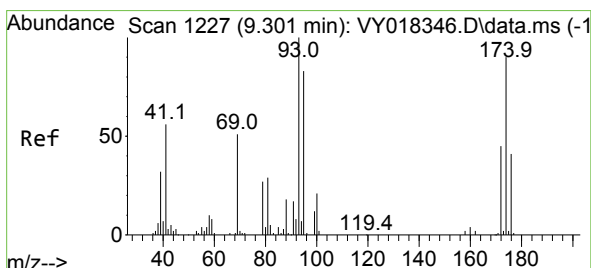
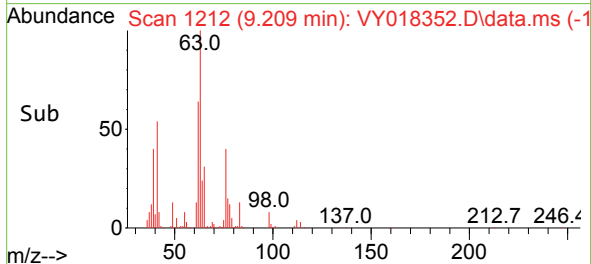
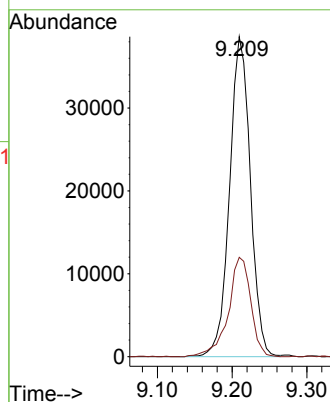
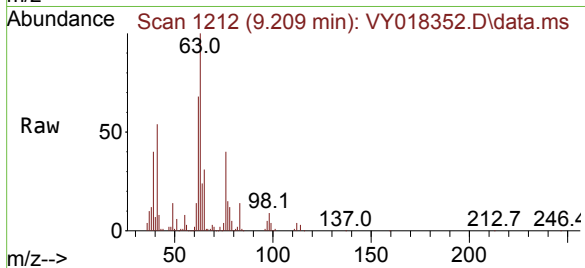
ClientSampleId :

Tgt Ion: 63 Resp: 74659

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 44.078 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

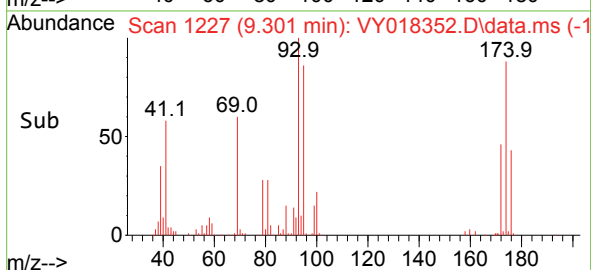
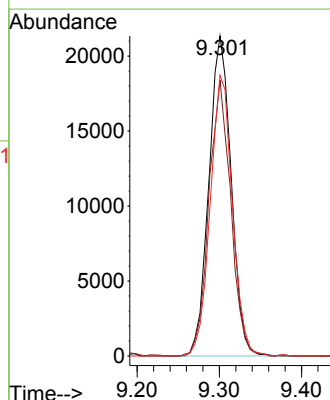
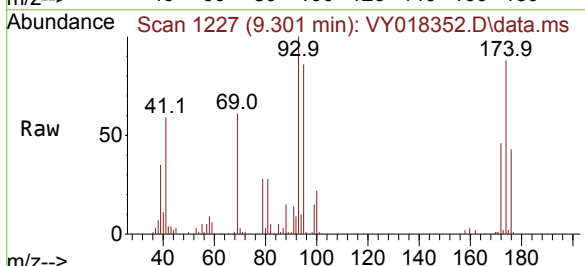
Tgt Ion: 93 Resp: 40150

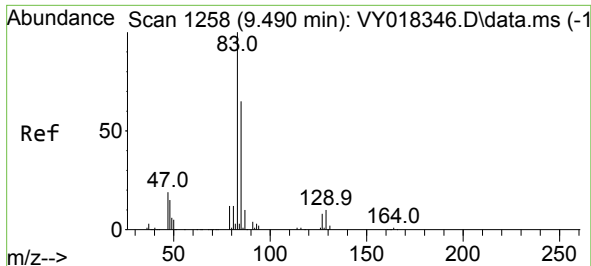
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 87.4 80.9 121.3

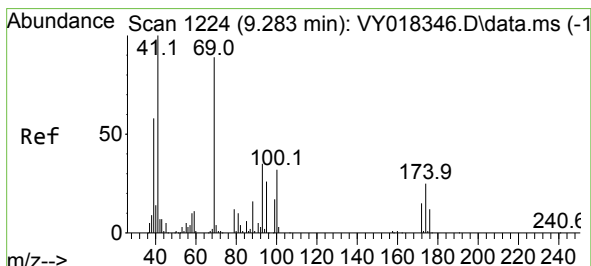
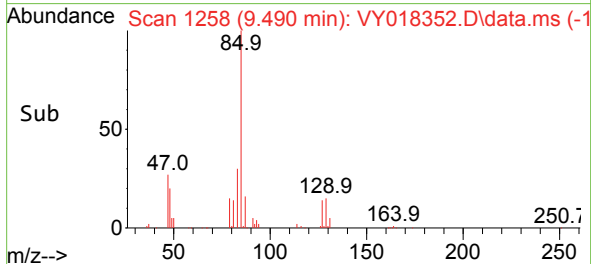
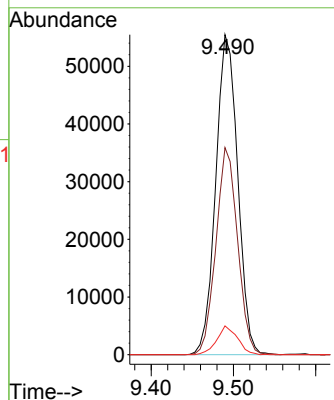
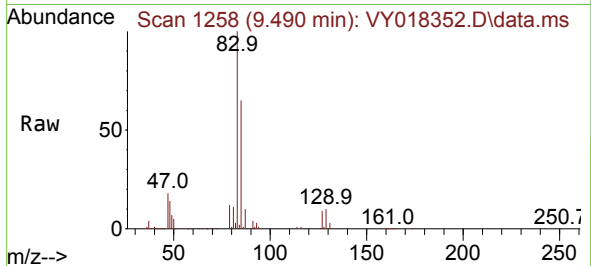




#47  
Bromodichloromethane  
Concen: 46.534 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

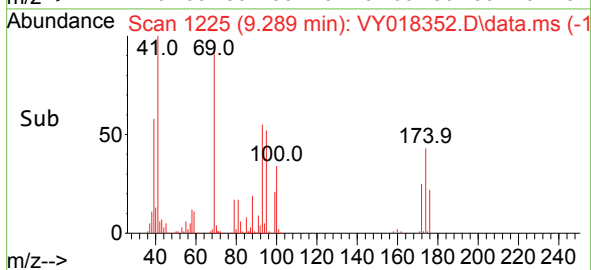
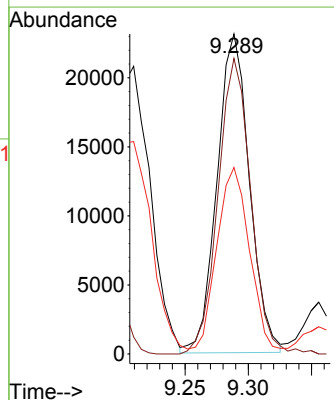
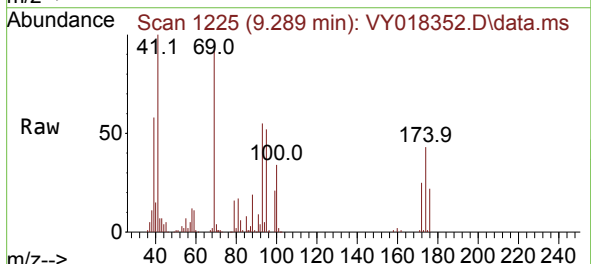
Instrument :  
MSVOA\_Y  
ClientSampleId :

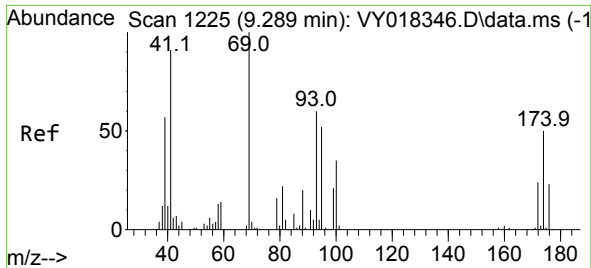
Tgt Ion: 83 Resp: 102868  
Ion Ratio Lower Upper  
83 100  
85 64.7 50.1 75.1  
127 9.0 7.4 11.0



#48  
Methyl methacrylate  
Concen: 43.060 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 41 Resp: 41161  
Ion Ratio Lower Upper  
41 100  
69 93.6 84.1 126.1  
39 56.8 43.6 65.4

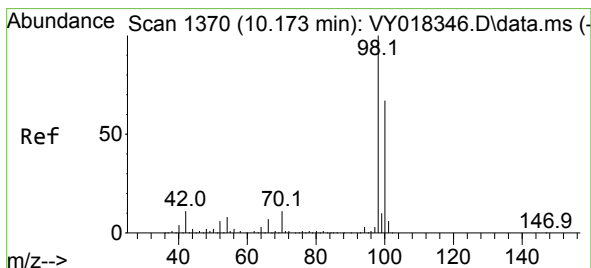
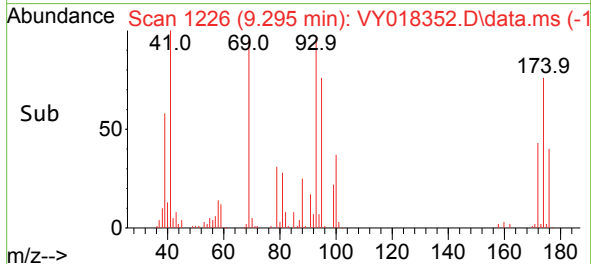
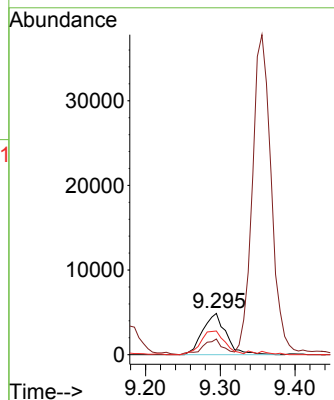
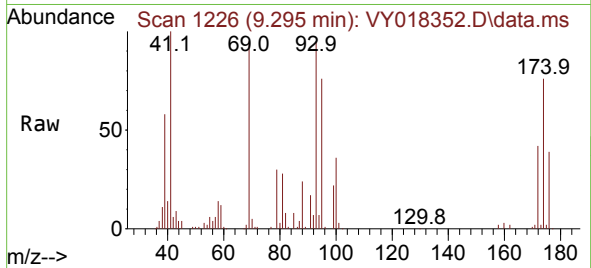




#49  
1,4-Dioxane  
Concen: 896.237 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

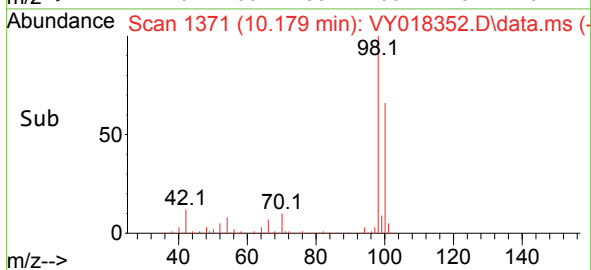
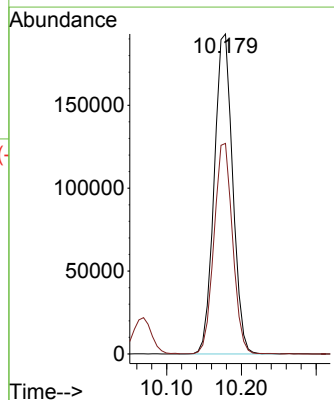
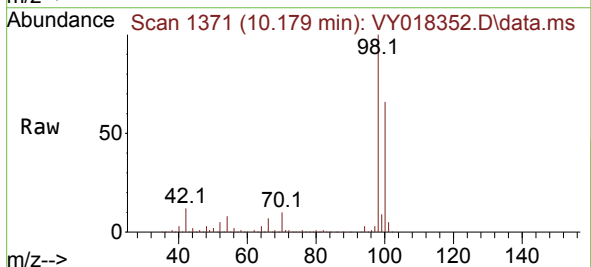
Instrument :  
MSVOA\_Y  
ClientSampleId :

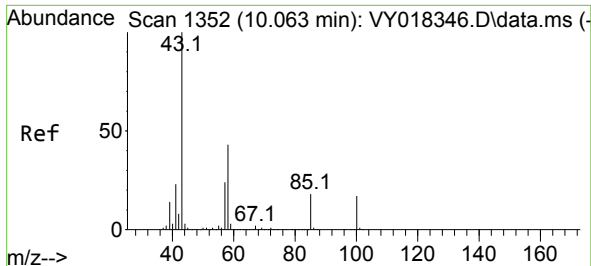
Tgt Ion: 88 Resp: 10592  
Ion Ratio Lower Upper  
88 100  
43 32.7 0.0 0.0#  
58 59.1 49.3 73.9



#50  
Toluene-d8  
Concen: 54.513 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 98 Resp: 331814  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.0 78.0

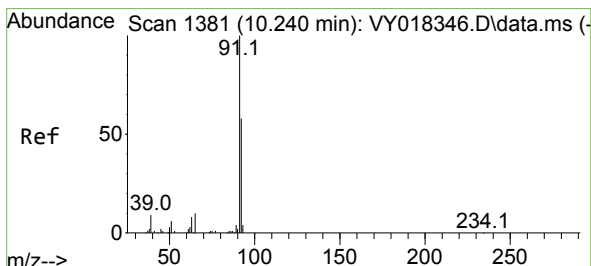
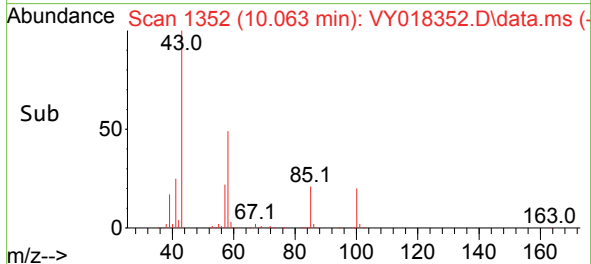
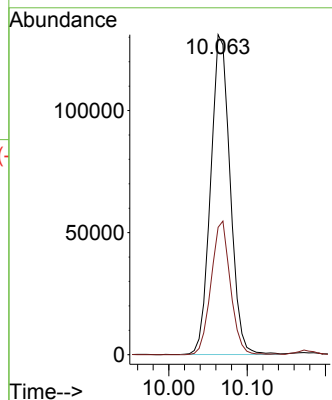
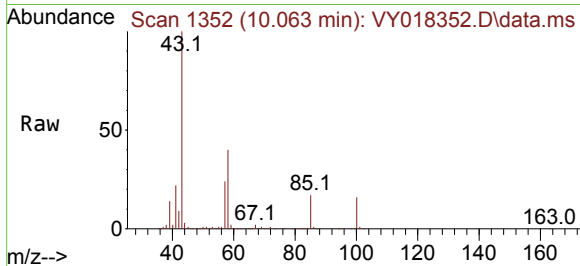




#51  
4-Methyl-2-Pentanone  
Concen: 212.276 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

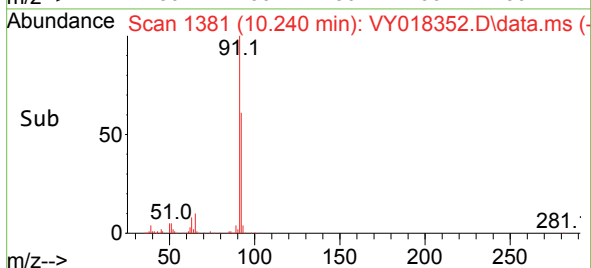
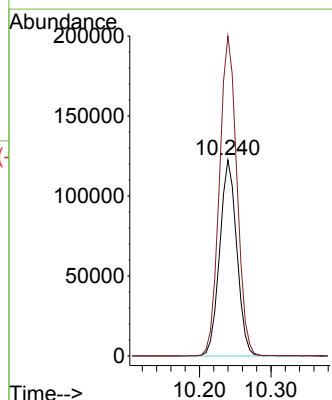
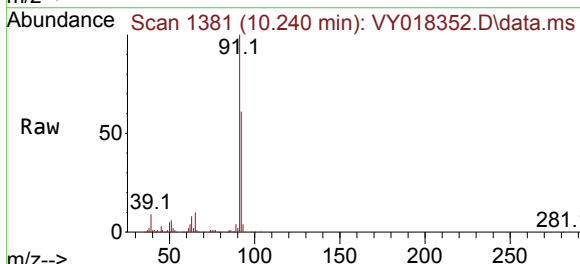
Instrument :  
MSVOA\_Y  
ClientSampleId :

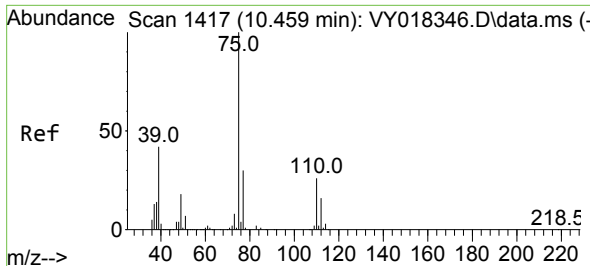
Tgt Ion: 43 Resp: 226396  
Ion Ratio Lower Upper  
43 100  
58 41.4 35.7 53.5



#52  
Toluene  
Concen: 46.857 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 92 Resp: 202733  
Ion Ratio Lower Upper  
92 100  
91 167.4 139.0 208.6

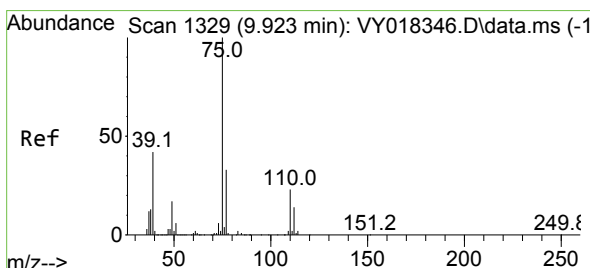
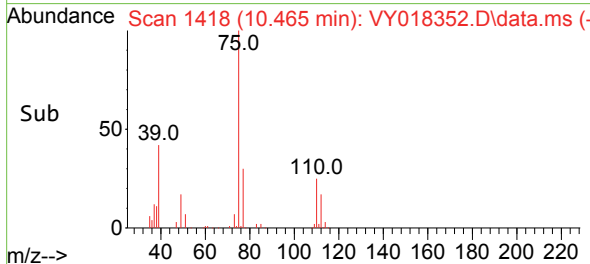
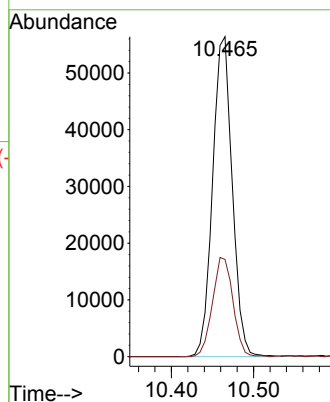
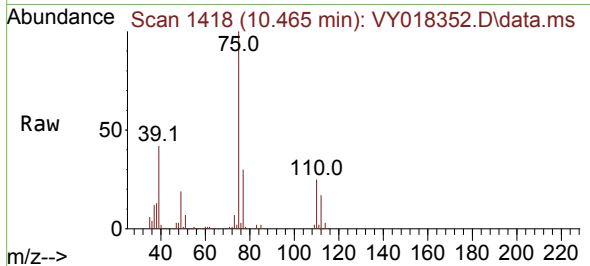




#53  
 t-1,3-Dichloropropene  
 Concen: 46.244 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

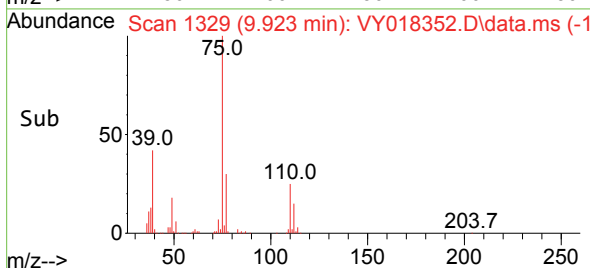
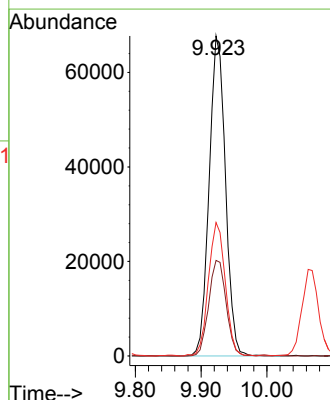
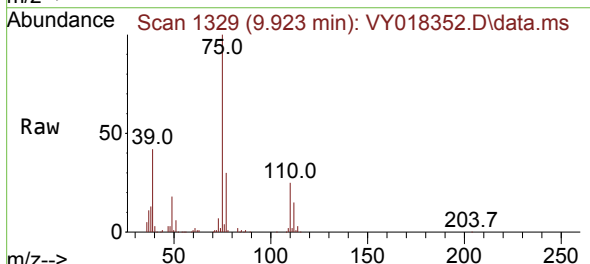
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

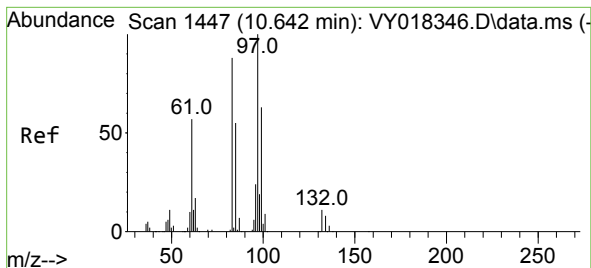
Tgt Ion: 75 Resp: 93463  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.140 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Tgt Ion: 75 Resp: 116742  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.4 38.0  
 39 41.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 43.784 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

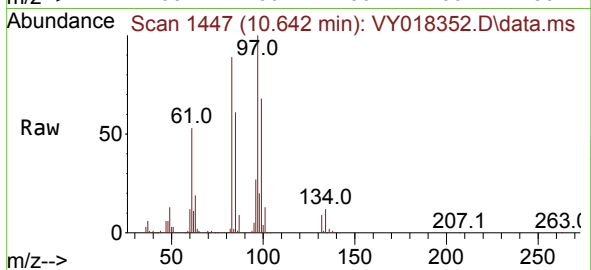
Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 52837

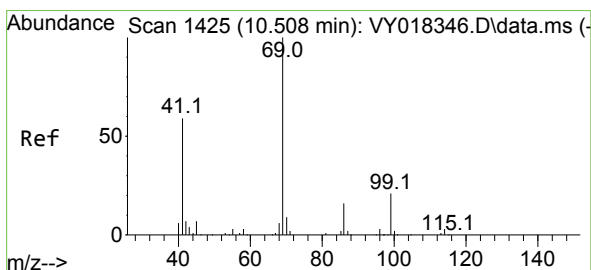
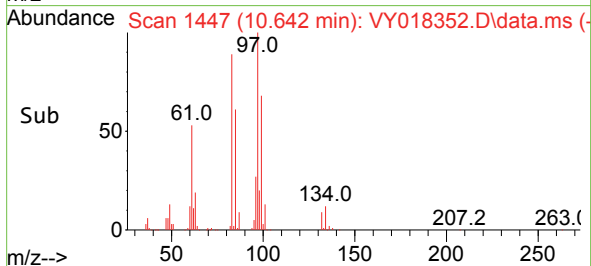
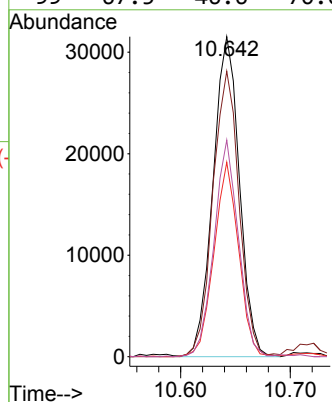
Ion Ratio Lower Upper

97 100

83 89.2 67.5 101.3

85 60.5 42.9 64.3

99 67.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 45.102 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

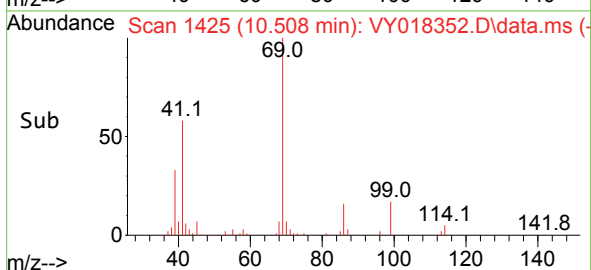
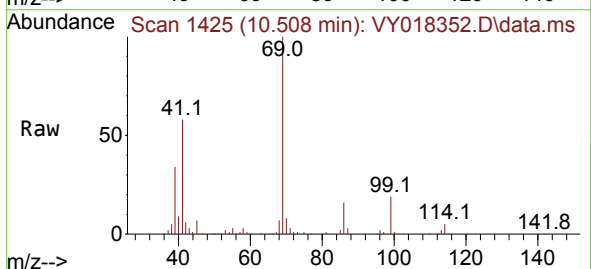
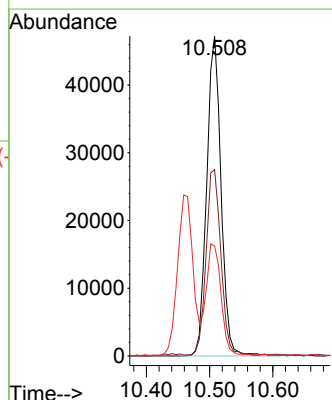
Tgt Ion: 69 Resp: 74655

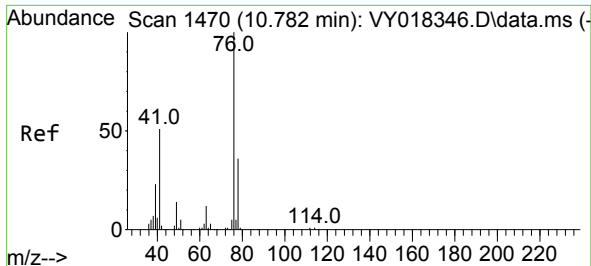
Ion Ratio Lower Upper

69 100

41 60.0 42.3 63.5

39 36.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 46.329 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

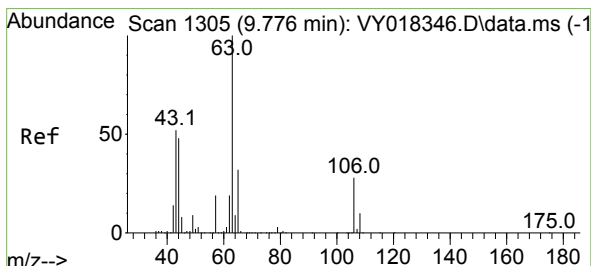
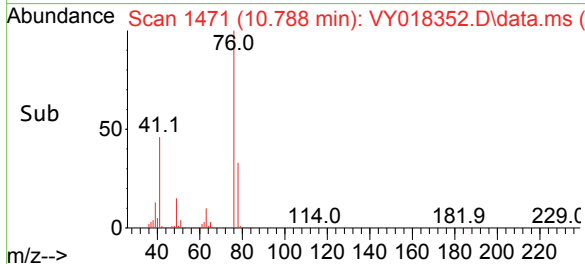
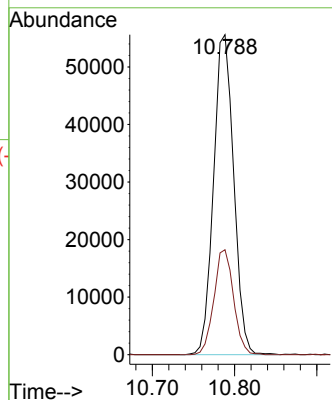
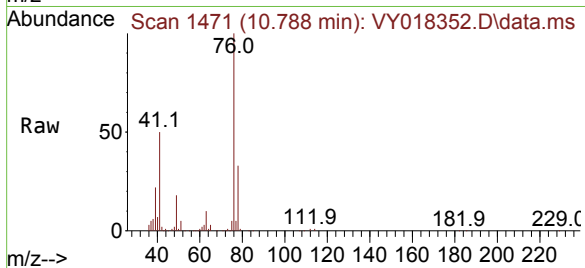
ClientSampleId :

Tgt Ion: 76 Resp: 94760

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 226.522 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018352.D

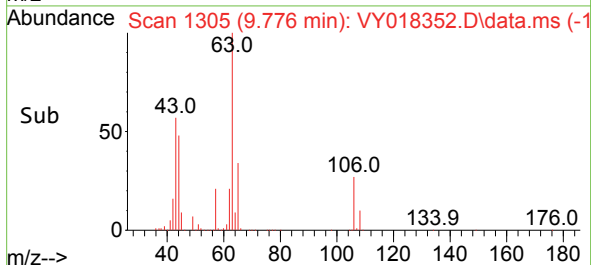
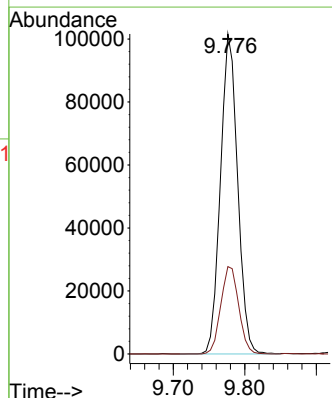
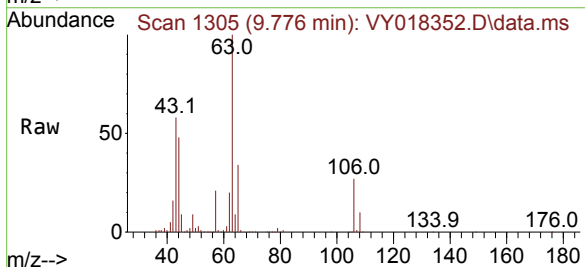
Acq: 23 May 2024 10:15

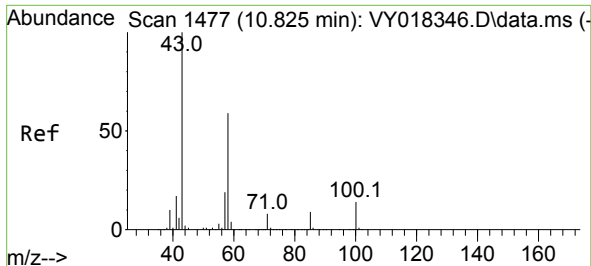
Tgt Ion: 63 Resp: 169425

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5

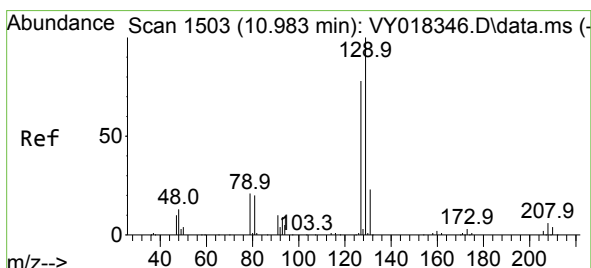
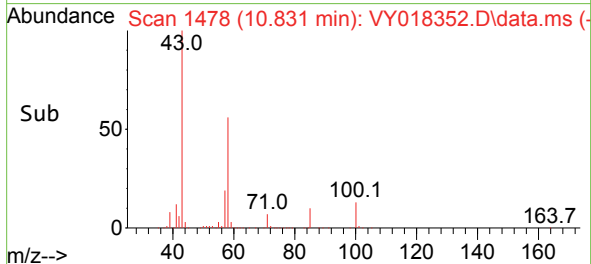
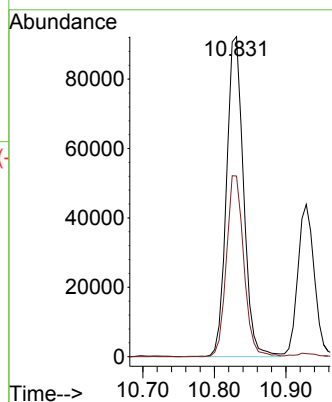
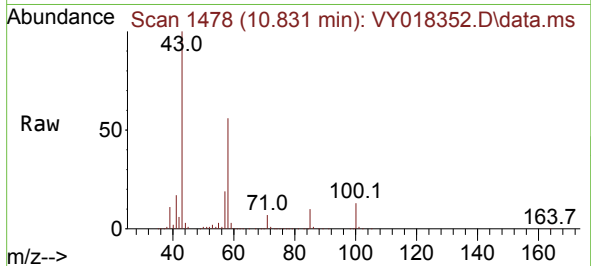




#59  
2-Hexanone  
Concen: 208.229 ug/l  
RT: 10.831 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

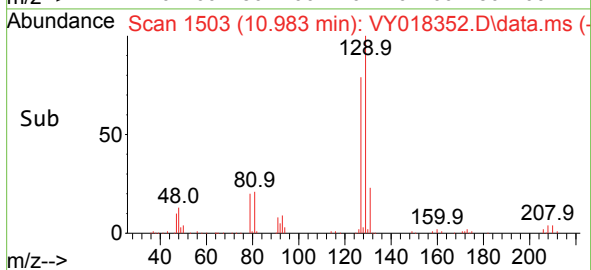
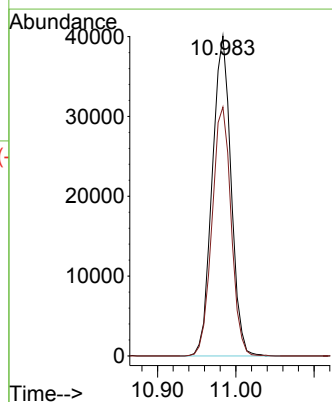
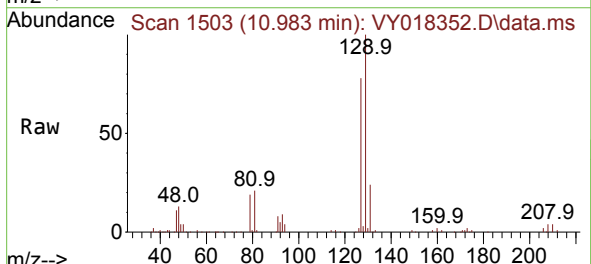
Instrument :  
MSVOA\_Y  
ClientSampleId :

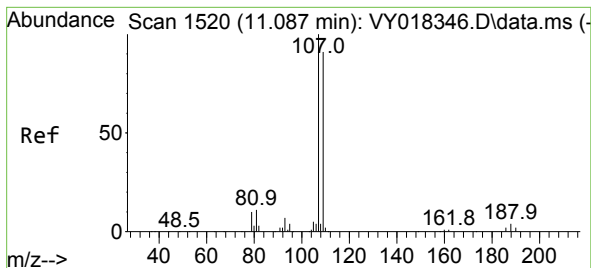
Tgt Ion: 43 Resp: 152812  
Ion Ratio Lower Upper  
43 100  
58 57.6 31.4 94.0



#60  
Dibromochloromethane  
Concen: 45.883 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 129 Resp: 66879  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.751 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

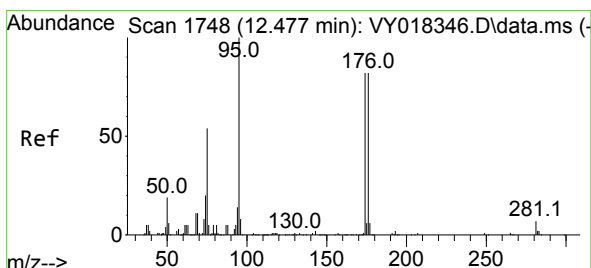
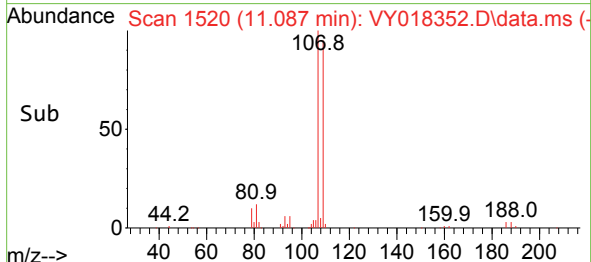
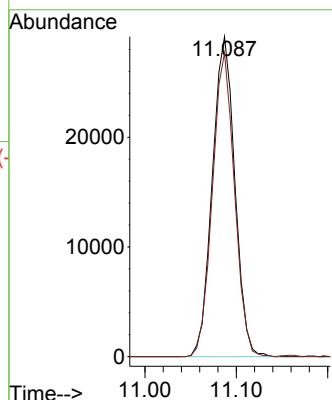
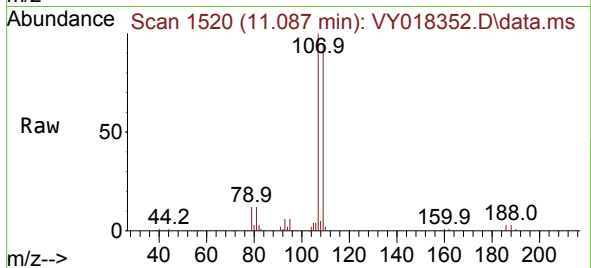
ClientSampleId :

Tgt Ion:107 Resp: 49830

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.045 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

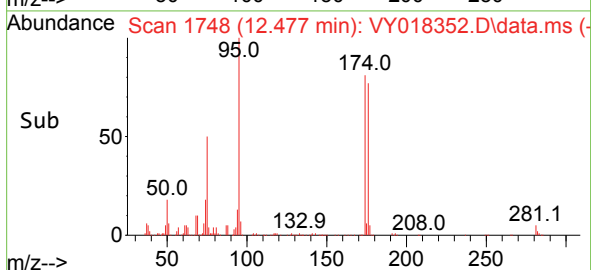
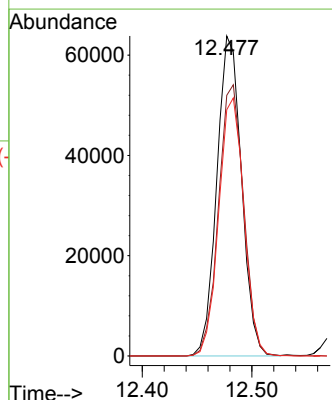
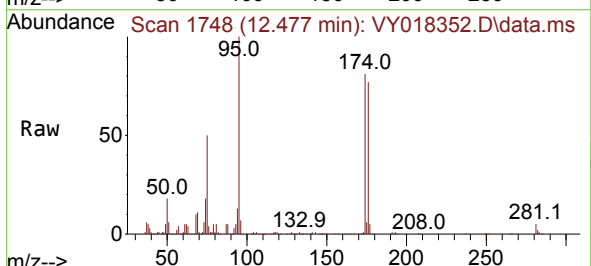
Tgt Ion: 95 Resp: 99766

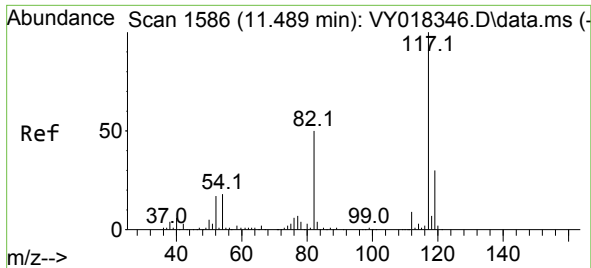
Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

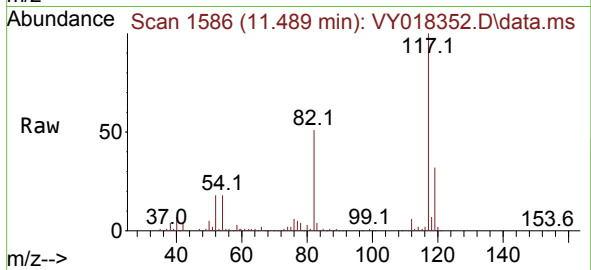
176 82.3 0.0 171.4



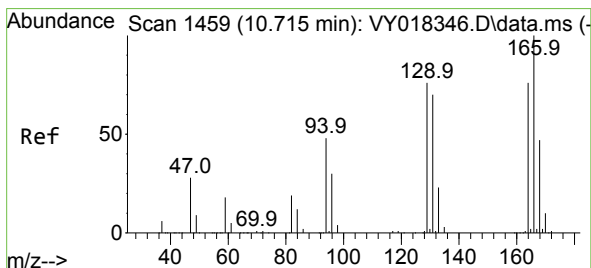
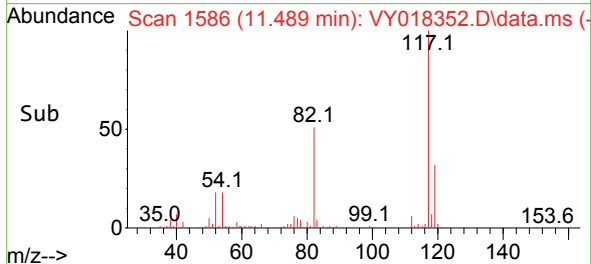
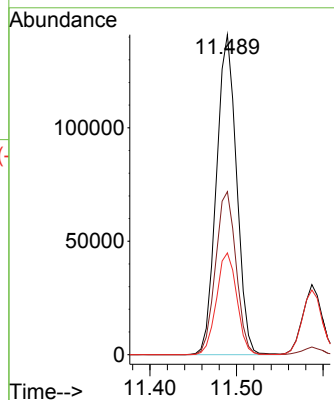


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

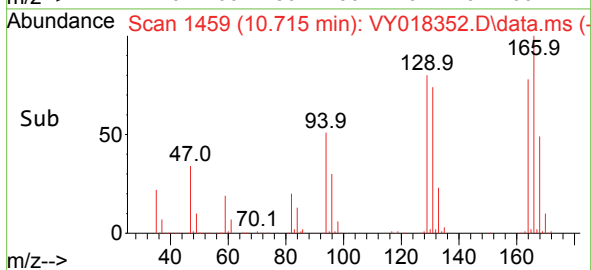
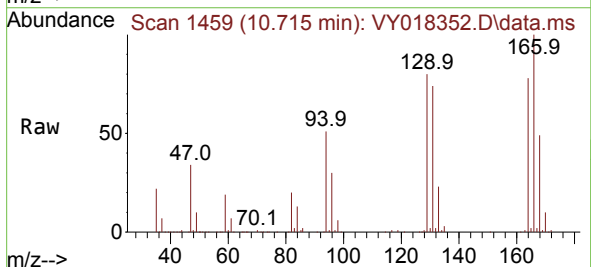
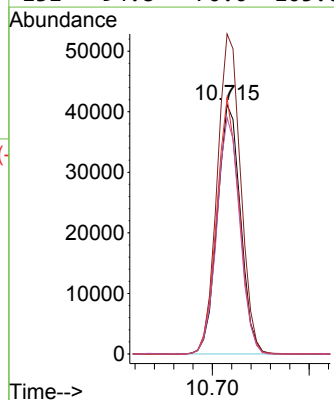


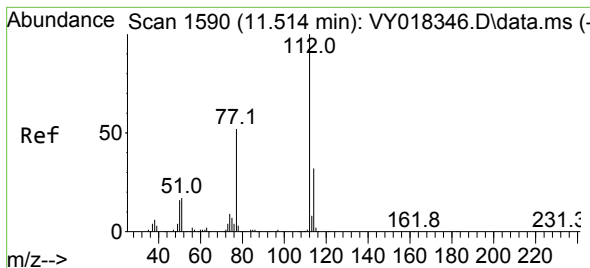
Tgt Ion:117 Resp: 228059  
Ion Ratio Lower Upper  
117 100  
82 51.0 42.4 63.6  
119 31.8 25.9 38.9



#64  
Tetrachloroethene  
Concen: 42.382 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:164 Resp: 68566  
Ion Ratio Lower Upper  
164 100  
166 128.4 102.6 154.0  
129 102.7 72.0 108.0  
131 94.8 70.0 105.0

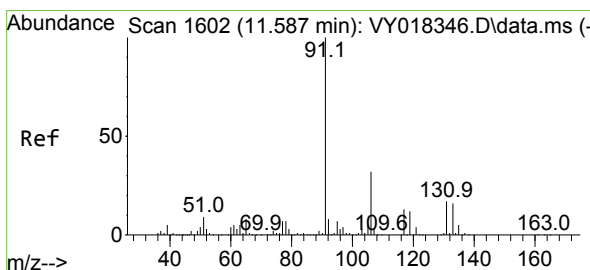
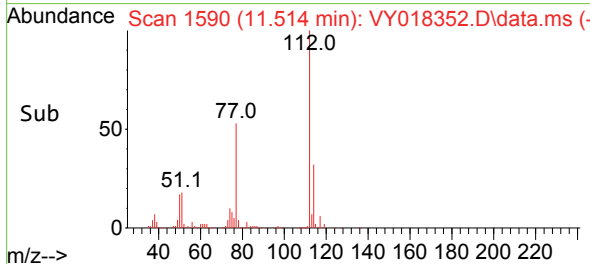
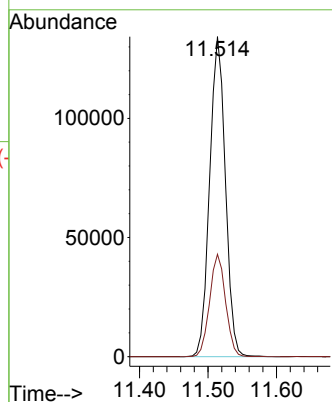
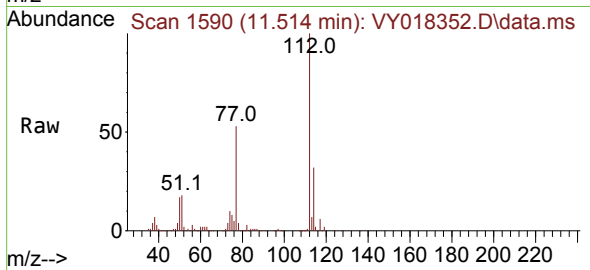




#65  
Chlorobenzene  
Concen: 45.475 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

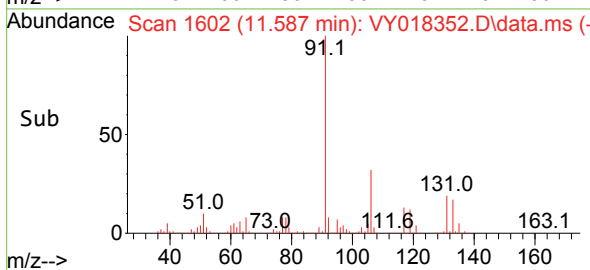
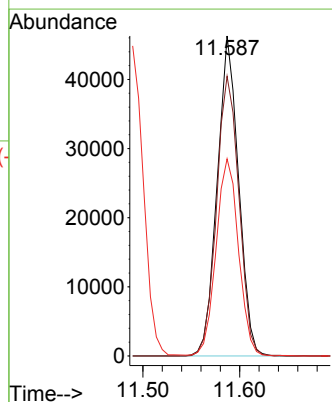
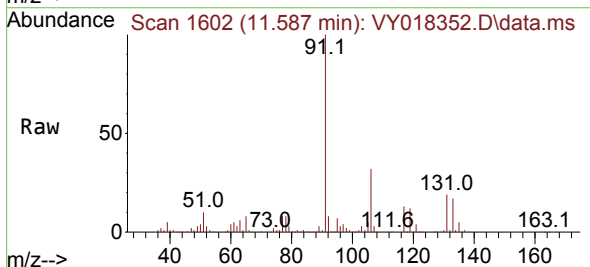
Instrument :  
MSVOA\_Y  
ClientSampleId :

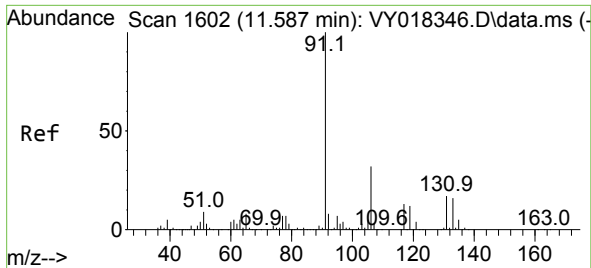
Tgt Ion:112 Resp: 214236  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.612 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:131 Resp: 70960  
Ion Ratio Lower Upper  
131 100  
133 91.7 47.8 143.3  
119 64.6 34.1 102.2

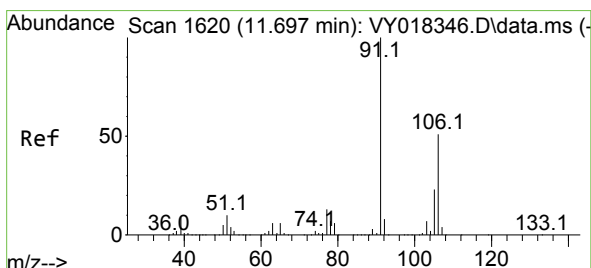
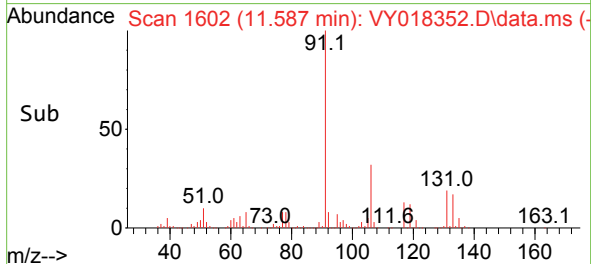
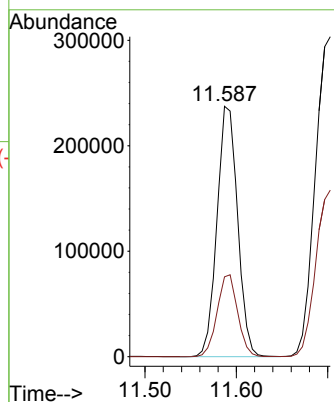
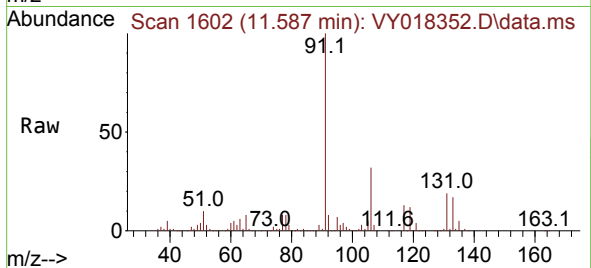




#67  
Ethyl Benzene  
Concen: 45.031 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

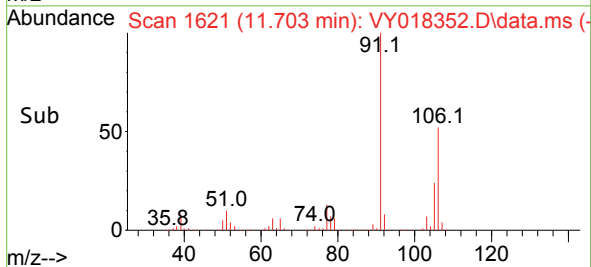
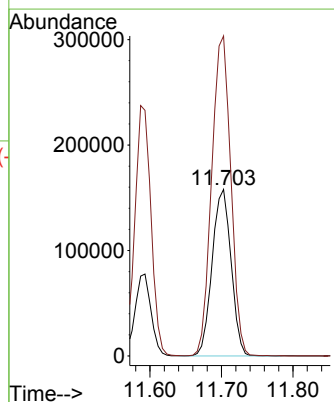
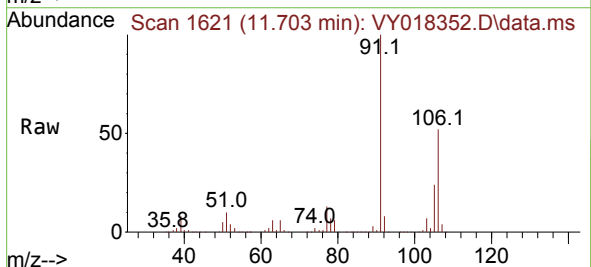
Instrument :  
MSVOA\_Y  
ClientSampleId :

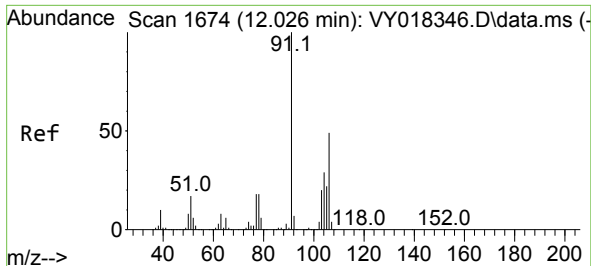
Tgt Ion: 91 Resp: 372561  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 91.209 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:106 Resp: 290350  
Ion Ratio Lower Upper  
106 100  
91 194.3 156.0 234.0

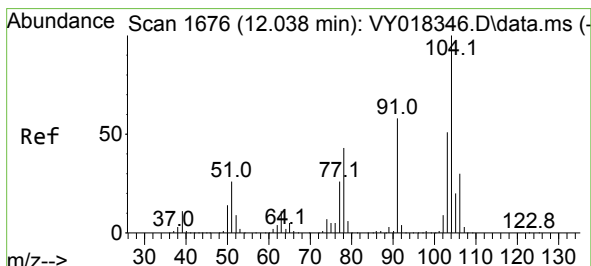
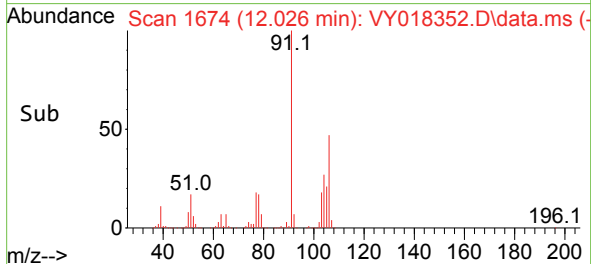
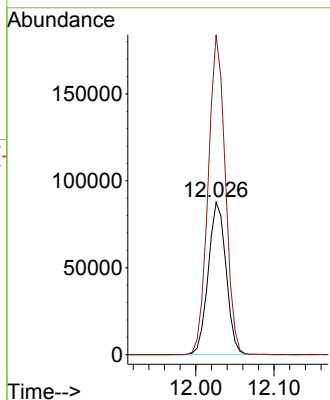
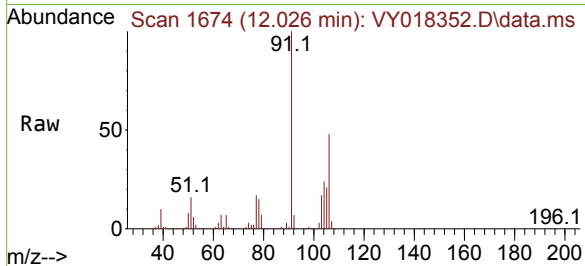




#69  
o-Xylene  
Concen: 46.026 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

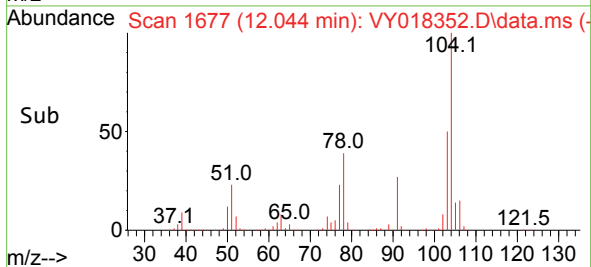
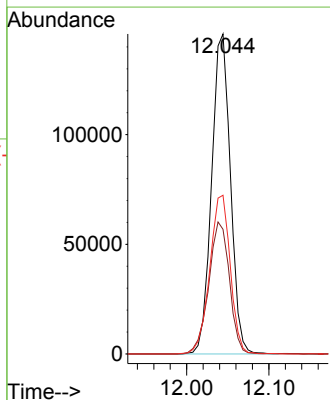
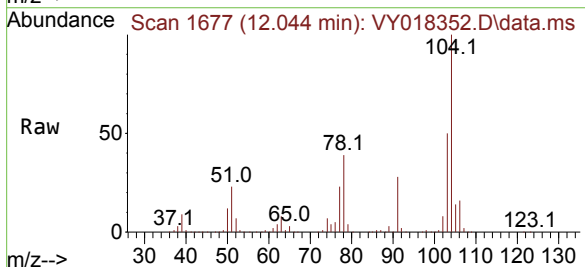
Instrument :  
MSVOA\_Y  
ClientSampleId :

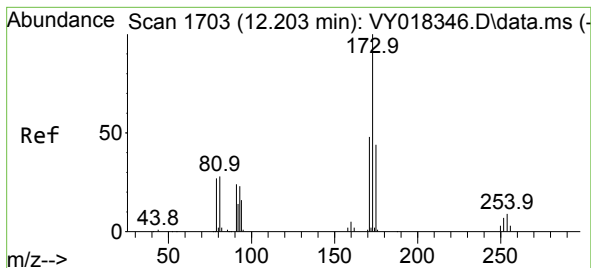
Tgt Ion:106 Resp: 138271  
Ion Ratio Lower Upper  
106 100  
91 202.0 103.6 310.8



#70  
Styrene  
Concen: 46.741 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:104 Resp: 232114  
Ion Ratio Lower Upper  
104 100  
78 45.6 37.0 55.4  
103 54.0 44.2 66.2





#71

Bromoform

Concen: 46.284 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018352.D

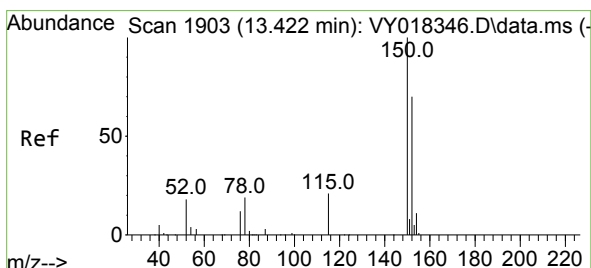
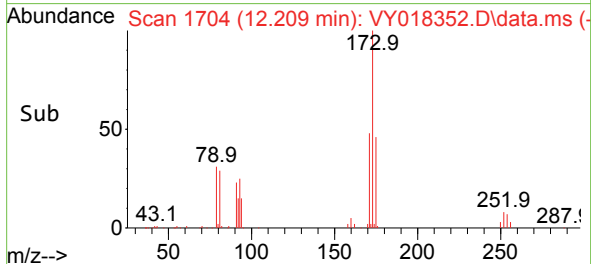
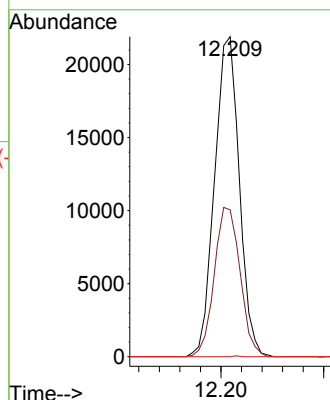
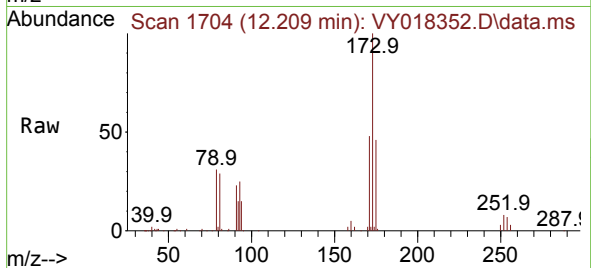
Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:173 Resp: 36486  
 Ion Ratio Lower Upper  
 173 100  
 175 48.7 25.1 75.3  
 254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

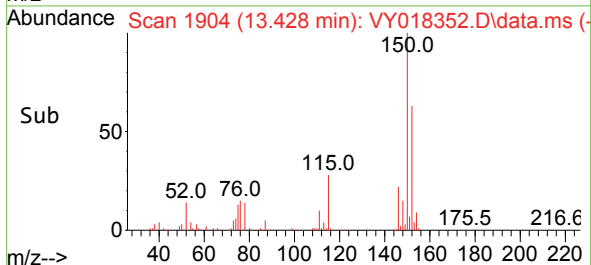
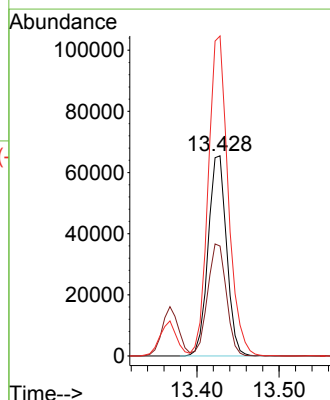
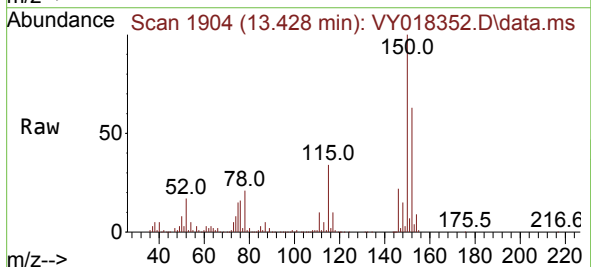
RT: 13.428 min Scan# 1904

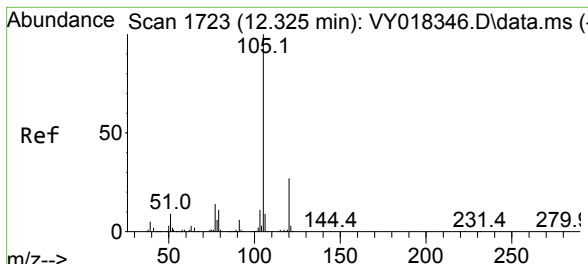
Delta R.T. 0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

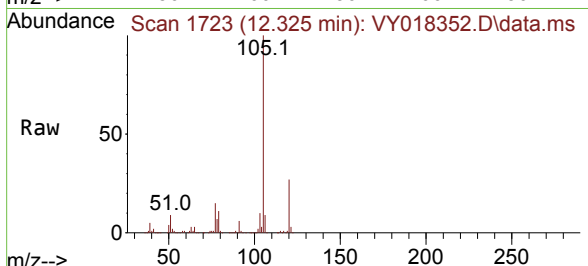
Tgt Ion:152 Resp: 102043  
 Ion Ratio Lower Upper  
 152 100  
 115 56.9 28.2 84.7  
 150 172.5 0.0 345.6





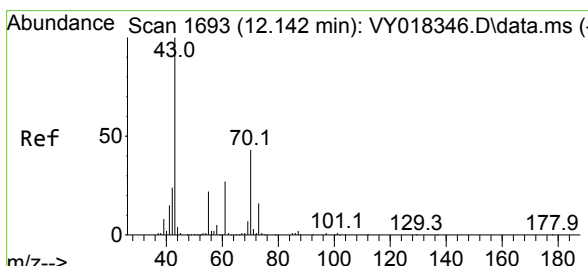
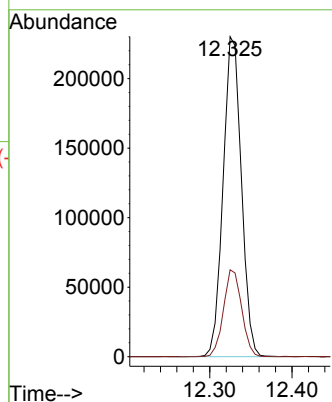
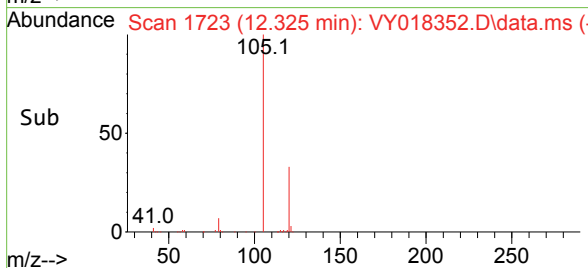
#73  
Isopropylbenzene  
Concen: 44.270 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 105 Resp: 355058

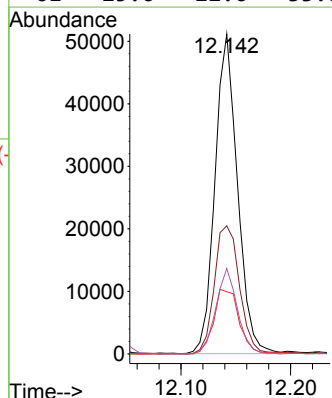
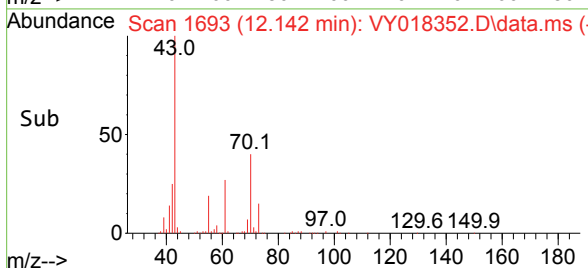
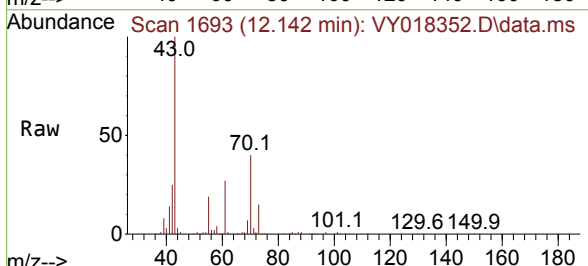
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 27.0  | 13.4  | 40.1  |

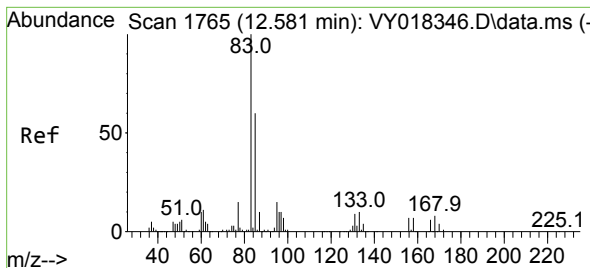


#74  
N-ethyl acetate  
Concen: 38.883 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 43 Resp: 72759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 45.4  | 41.4  | 62.2  |
| 55  | 23.3  | 23.3  | 34.9  |
| 61  | 25.6  | 22.6  | 33.8  |

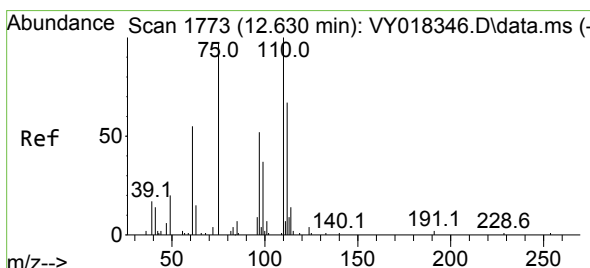
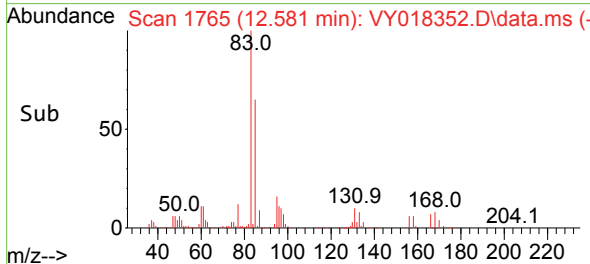
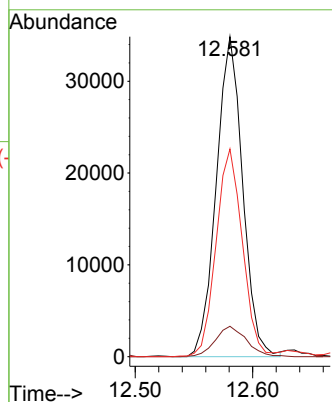
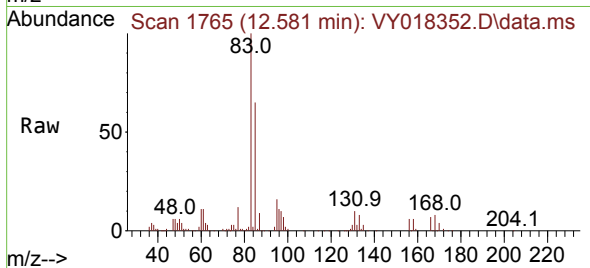




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 39.867 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

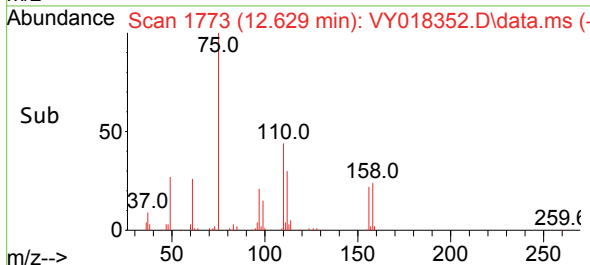
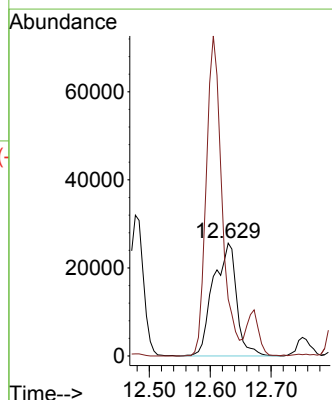
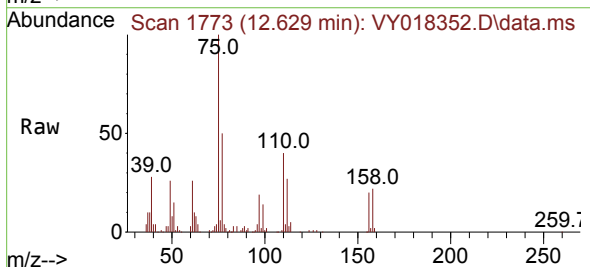
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

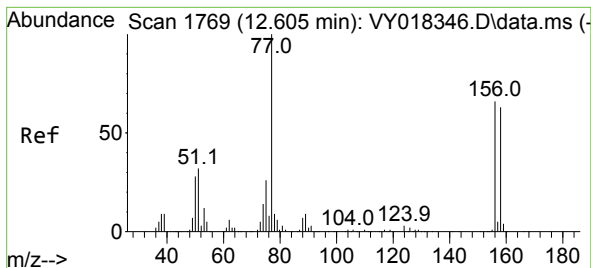
Tgt Ion: 83 Resp: 54483  
 Ion Ratio Lower Upper  
 83 100  
 131 11.3 5.0 14.9  
 85 64.5 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 74.454 ug/l  
 RT: 12.629 min Scan# 1773  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Tgt Ion: 75 Resp: 68285  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.801 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

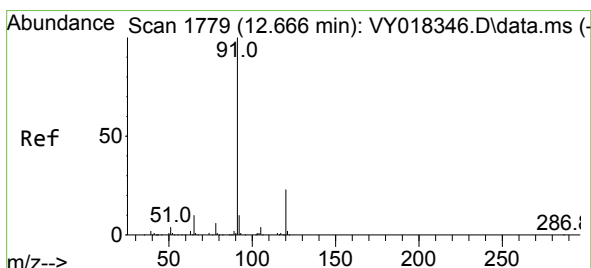
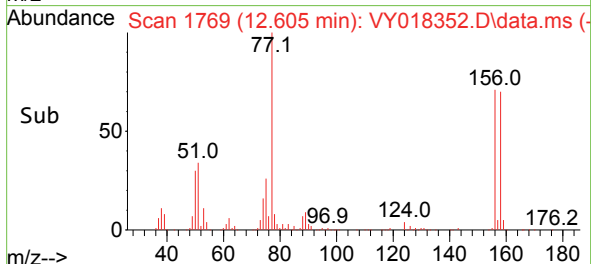
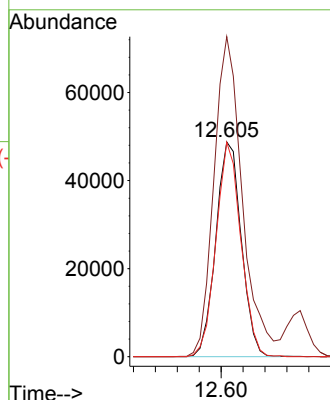
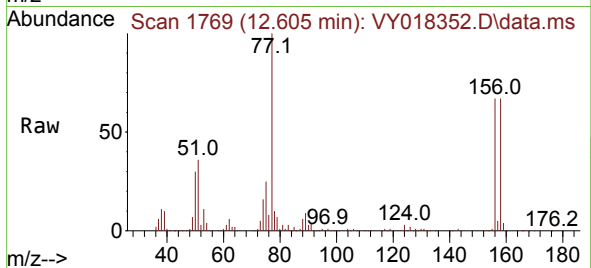
Tgt Ion:156 Resp: 78698

Ion Ratio Lower Upper

156 100

77 165.4 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 43.463 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018352.D

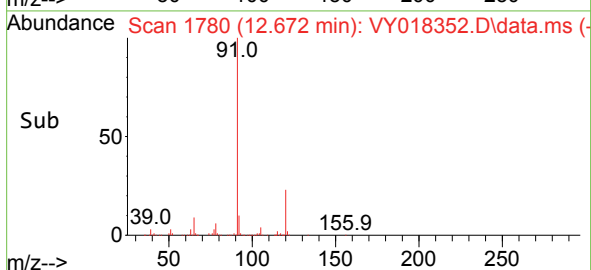
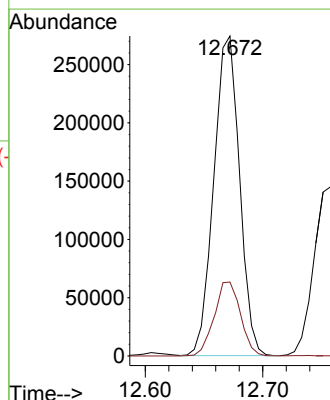
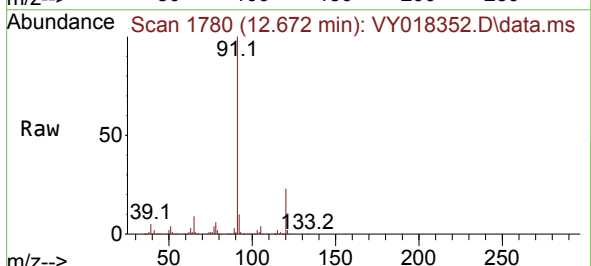
Acq: 23 May 2024 10:15

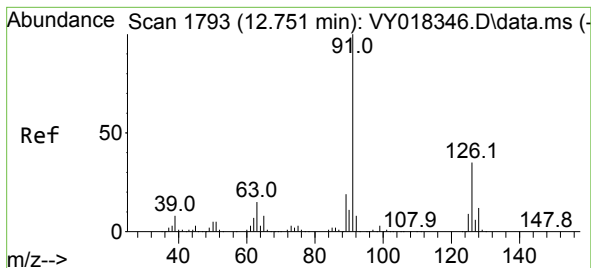
Tgt Ion: 91 Resp: 417391

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 43.529 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

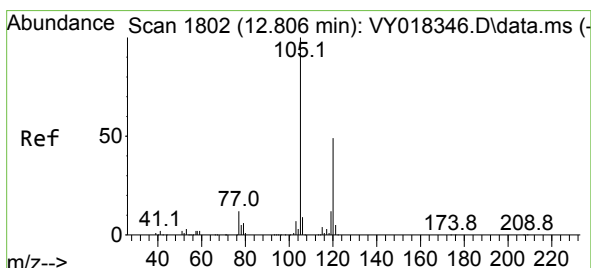
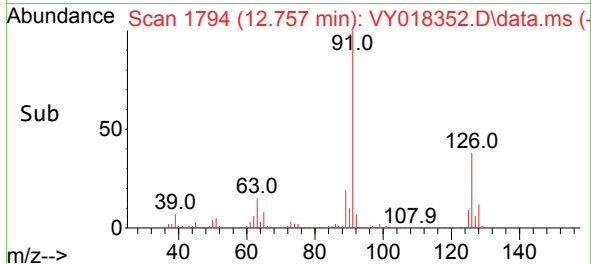
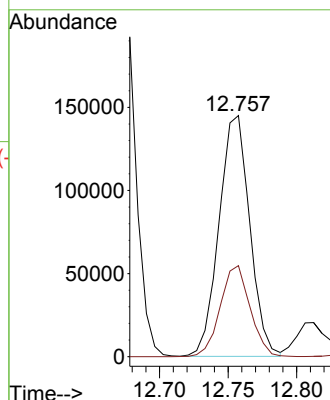
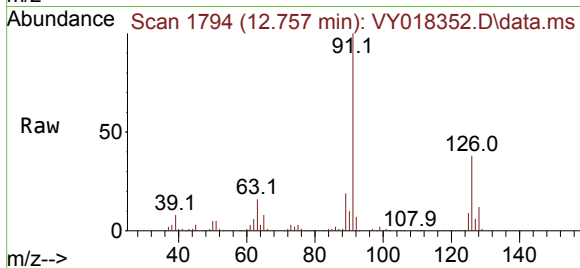
ClientSampleId :

Tgt Ion: 91 Resp: 226315

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 44.718 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018352.D

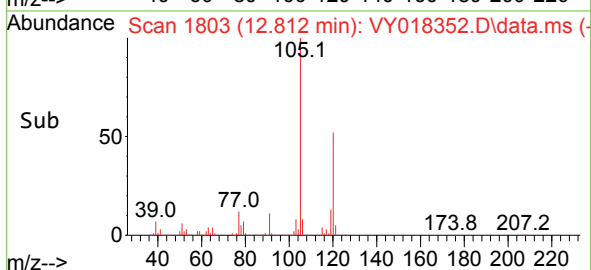
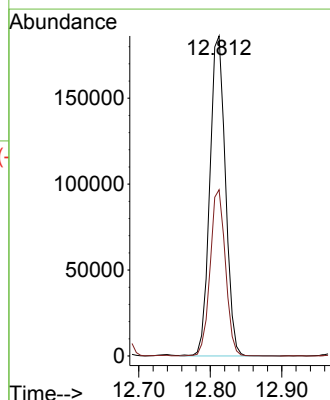
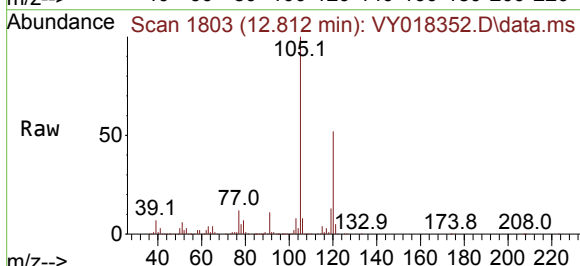
Acq: 23 May 2024 10:15

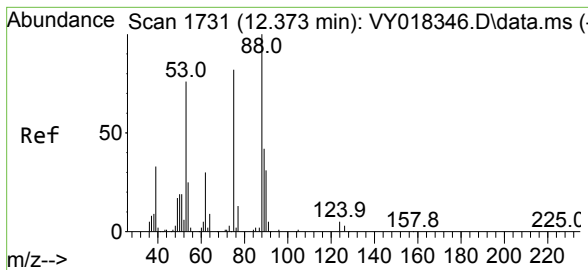
Tgt Ion:105 Resp: 281835

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

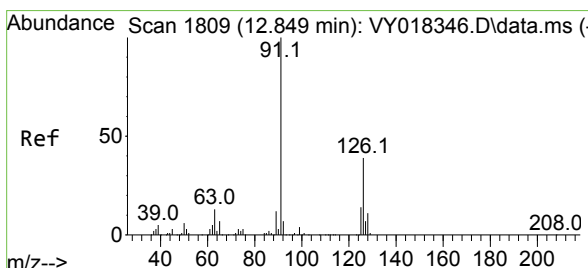
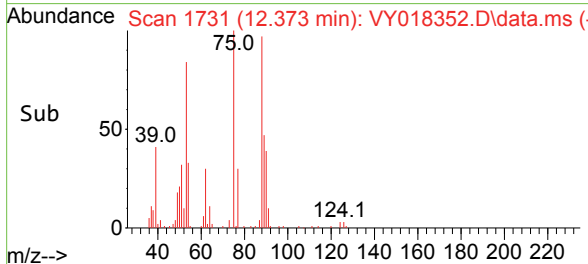
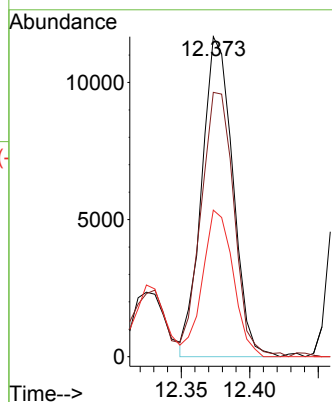
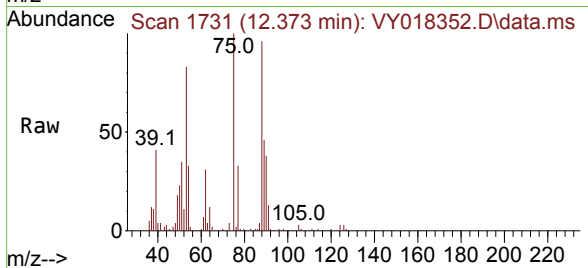




#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.184 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

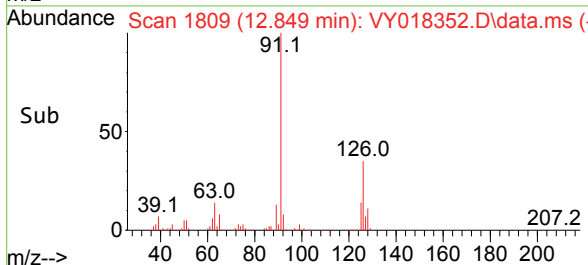
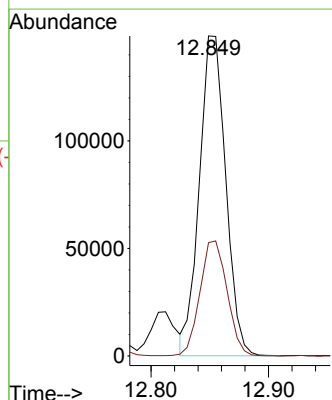
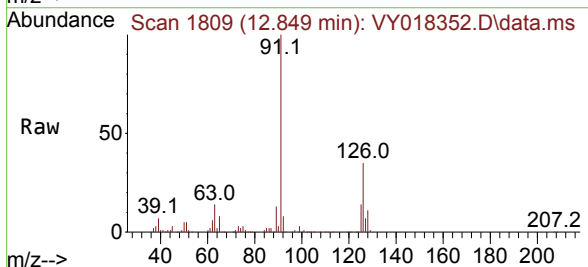
Instrument :  
MSVOA\_Y  
ClientSampleId :

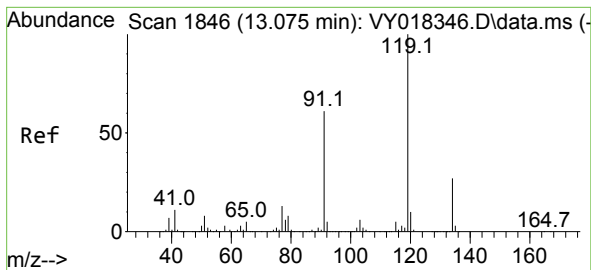
Tgt Ion: 75 Resp: 18358  
Ion Ratio Lower Upper  
75 100  
53 87.5 66.8 100.2  
89 45.1 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 44.050 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

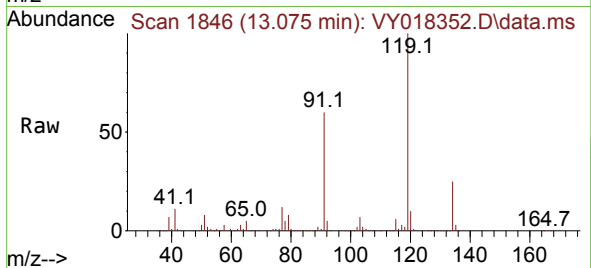
Tgt Ion: 91 Resp: 232209  
Ion Ratio Lower Upper  
91 100  
126 37.2 17.6 52.9



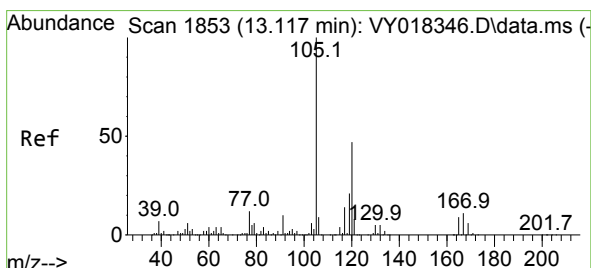
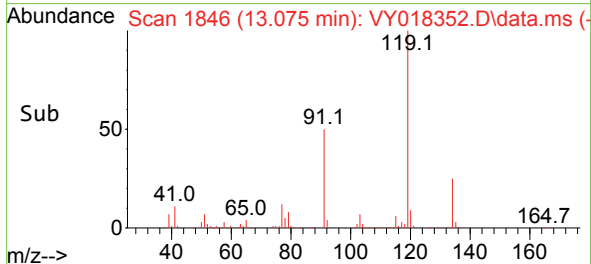
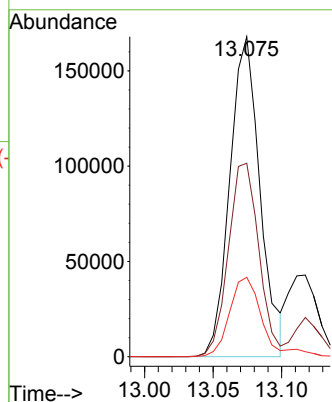


#83  
 tert-Butylbenzene  
 Concen: 44.203 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

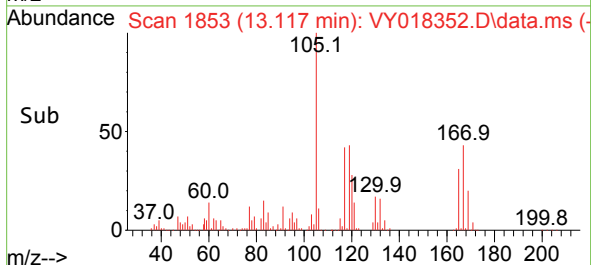
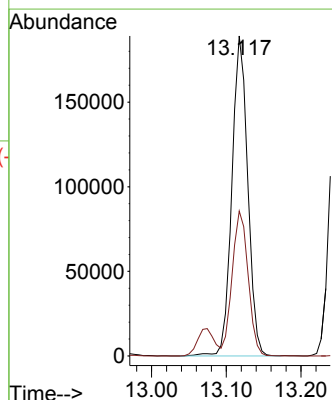
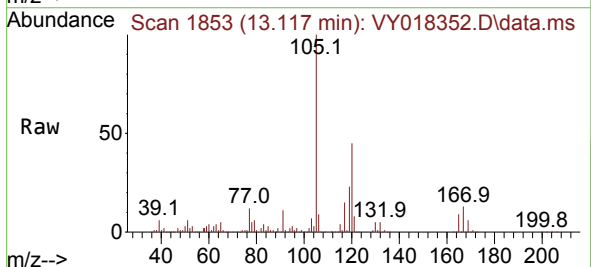


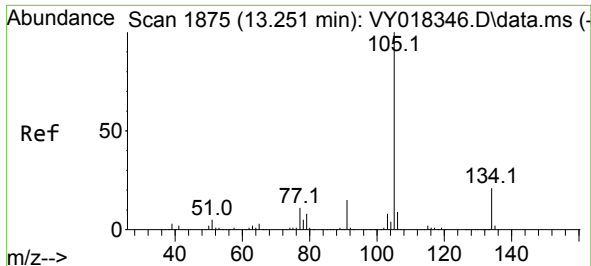
Tgt Ion:119 Resp: 257525  
 Ion Ratio Lower Upper  
 119 100  
 91 61.2 31.3 93.8  
 134 26.9 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 45.054 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

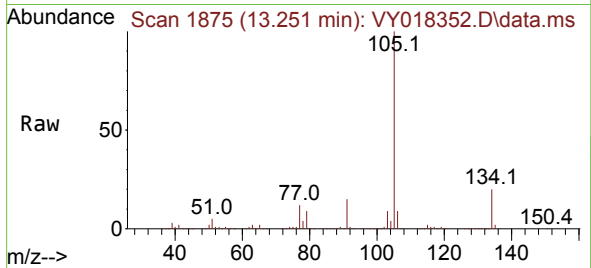
Tgt Ion:105 Resp: 279265  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 23.2 69.6



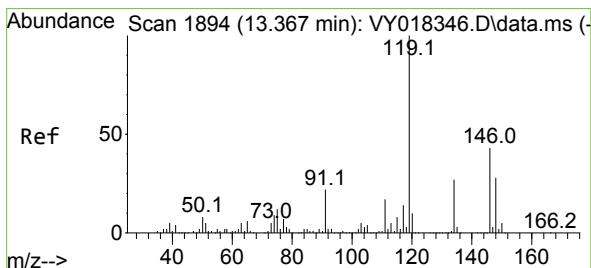
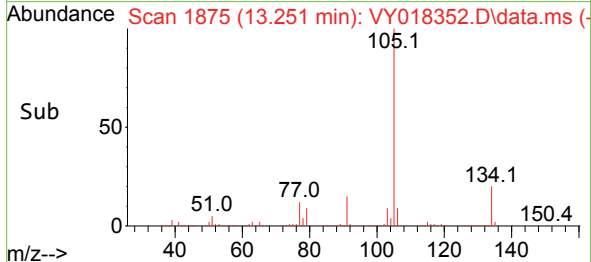
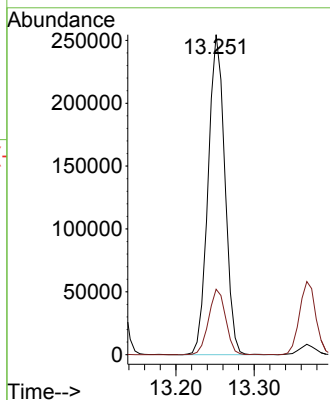


#85  
 sec-Butylbenzene  
 Concen: 43.712 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

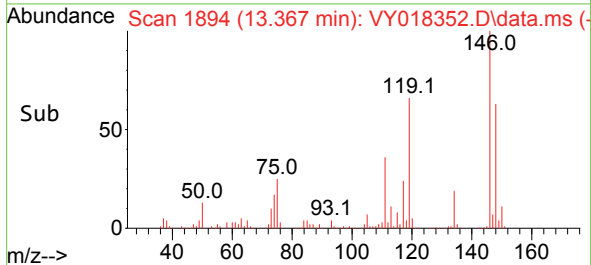
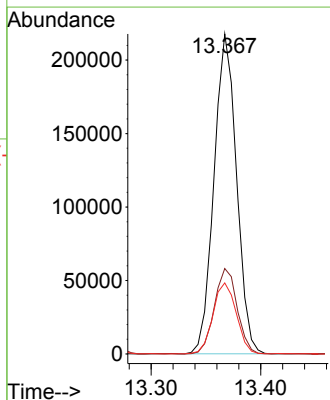
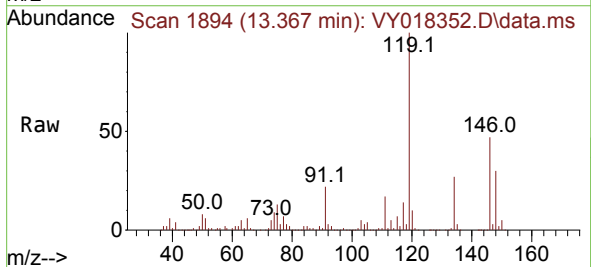


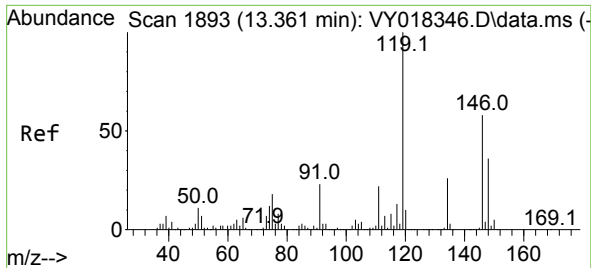
Tgt Ion:105 Resp: 376631  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 44.188 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY018352.D  
 Acq: 23 May 2024 10:15

Tgt Ion:119 Resp: 311423  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.1 39.3  
 91 22.9 10.7 32.1

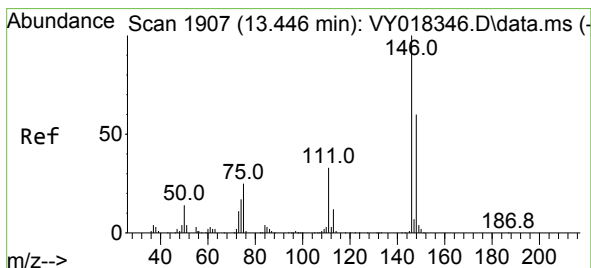
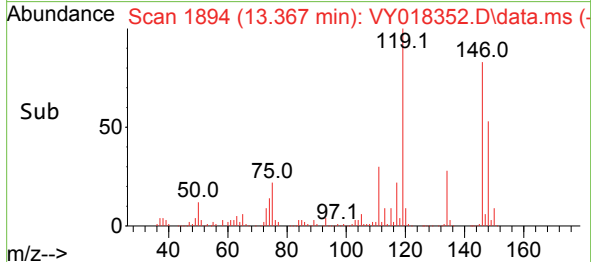
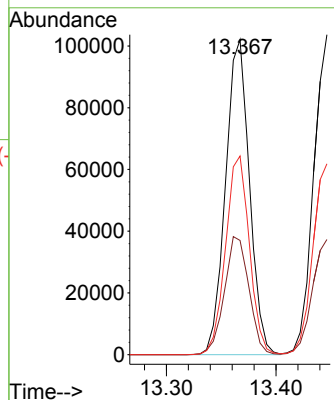
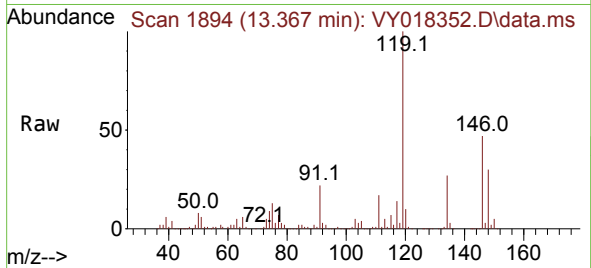




#87  
1,3-Dichlorobenzene  
Concen: 44.696 ug/l  
RT: 13.367 min Scan# 1893  
Delta R.T. 0.006 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

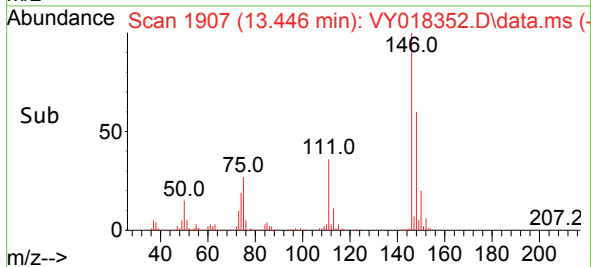
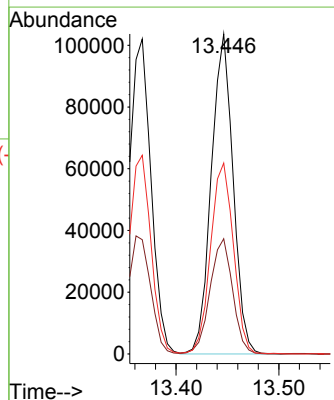
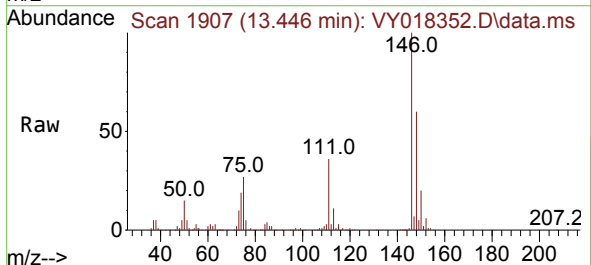
Instrument :  
MSVOA\_Y  
ClientSampleId :

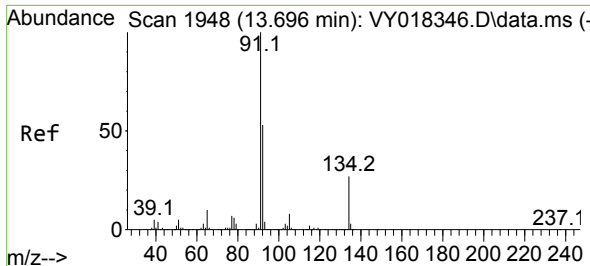
Tgt Ion:146 Resp: 154606  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.0 57.0  
148 63.0 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 44.285 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion:146 Resp: 152465  
Ion Ratio Lower Upper  
146 100  
111 37.4 18.4 55.4  
148 62.8 32.4 97.2

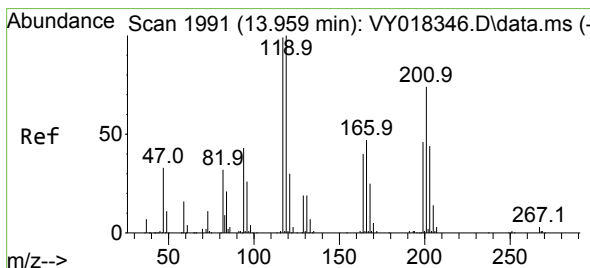
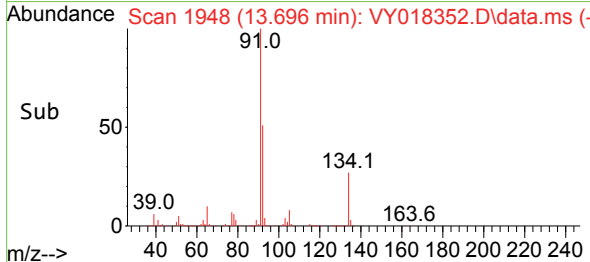
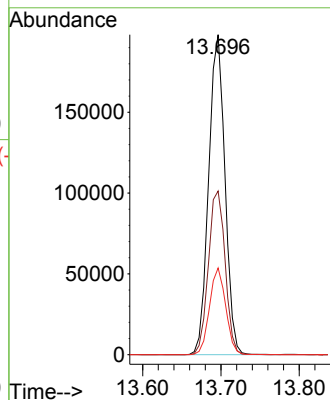
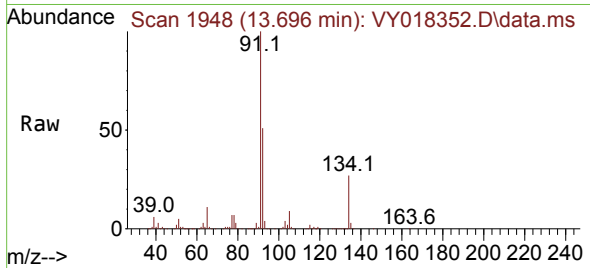




#89  
n-Butylbenzene  
Concen: 43.114 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

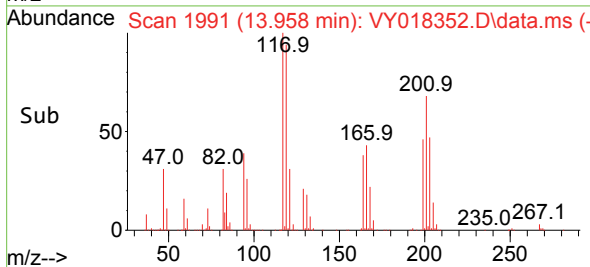
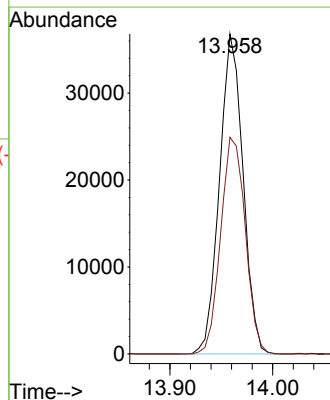
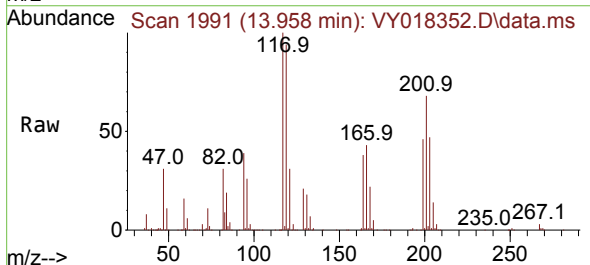
Instrument :  
MSVOA\_Y  
ClientSampleId :

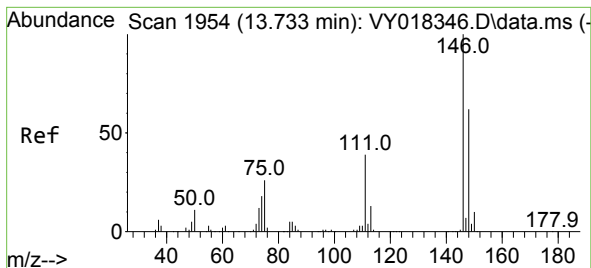
Tgt Ion: 91 Resp: 285546  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.6 79.7  
134 27.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 44.895 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY018352.D  
Acq: 23 May 2024 10:15

Tgt Ion: 117 Resp: 58430  
Ion Ratio Lower Upper  
117 100  
201 71.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 44.065 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

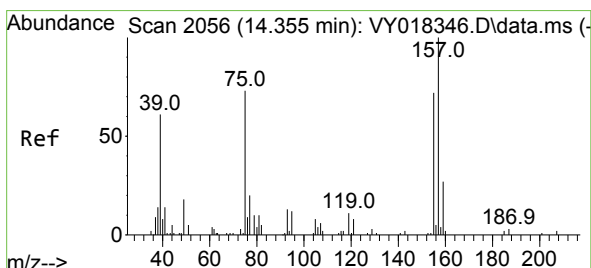
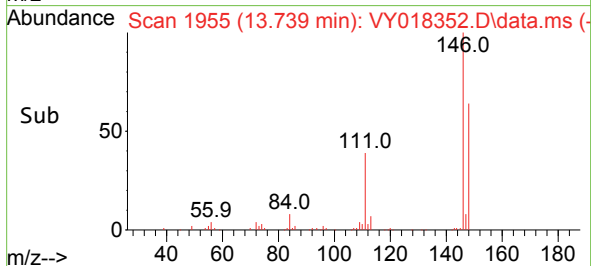
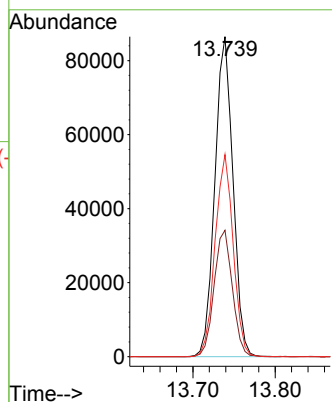
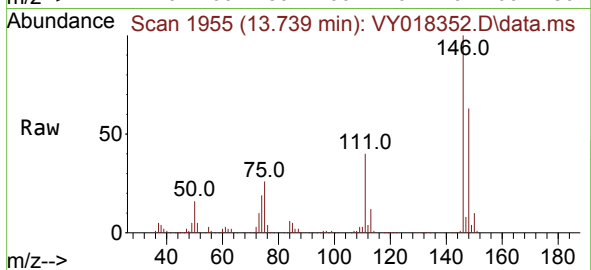
Tgt Ion:146 Resp: 132259

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.866 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

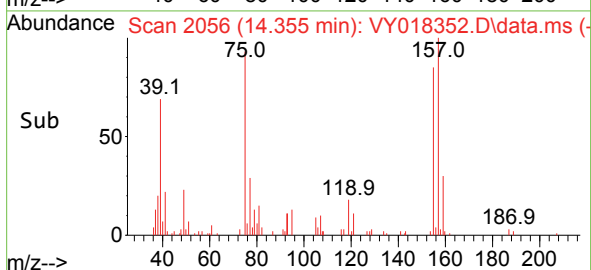
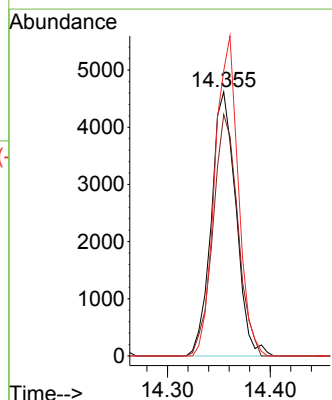
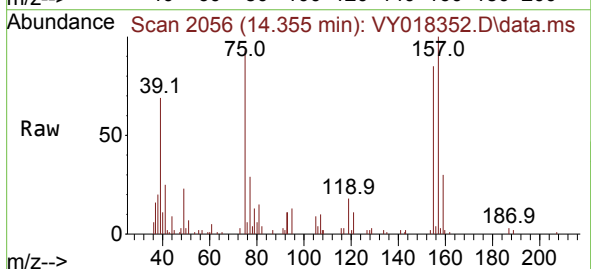
Tgt Ion: 75 Resp: 7660

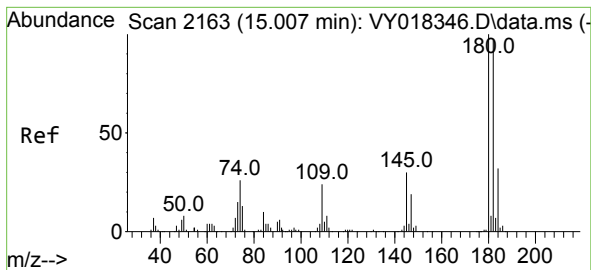
Ion Ratio Lower Upper

75 100

155 92.4 48.6 145.8

157 114.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 41.981 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

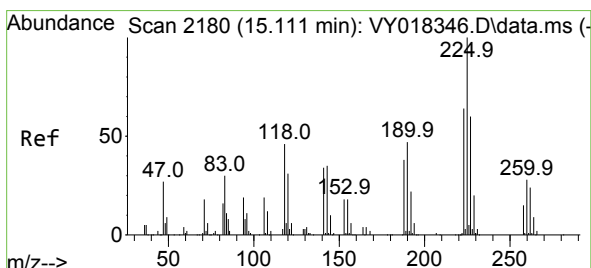
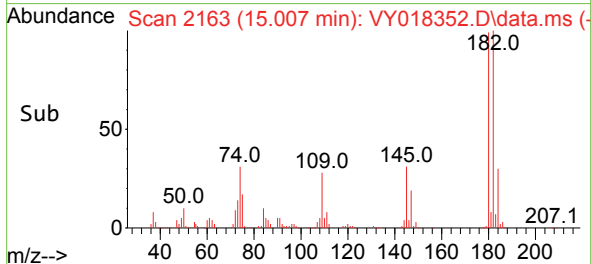
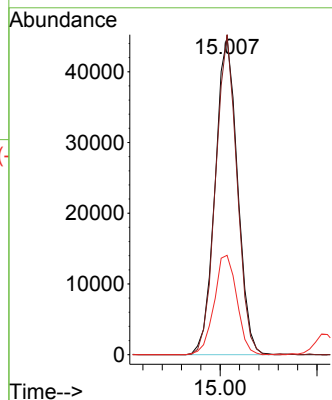
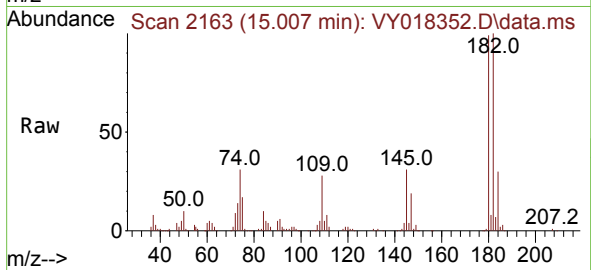
Tgt Ion:180 Resp: 71773

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.545 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

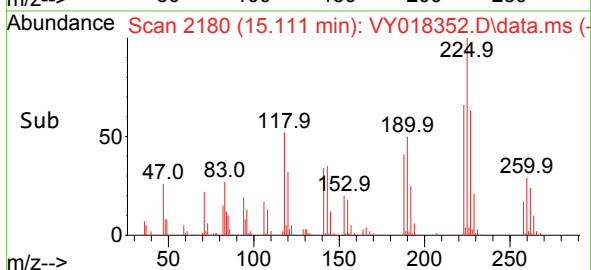
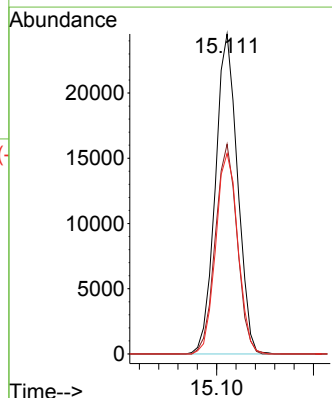
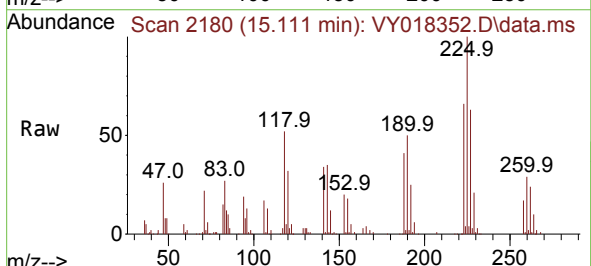
Tgt Ion:225 Resp: 38973

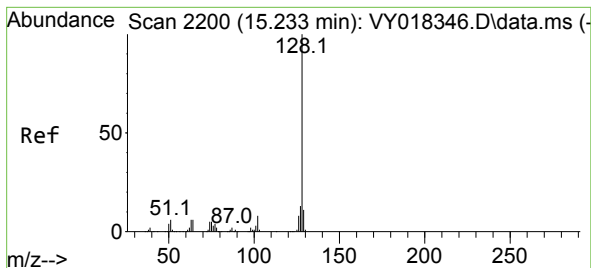
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 39.632 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Instrument :

MSVOA\_Y

ClientSampleId :

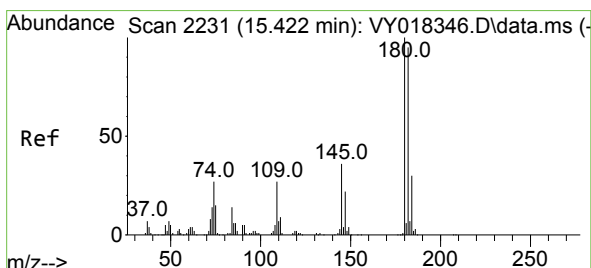
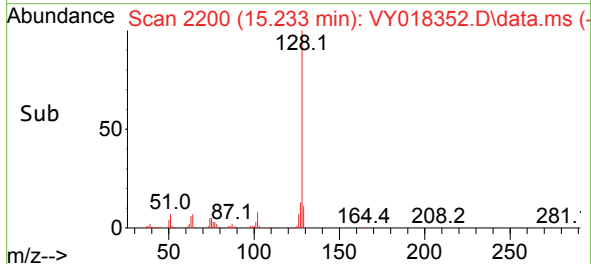
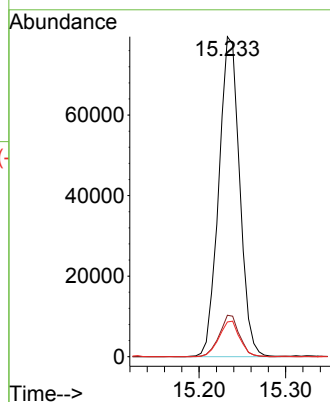
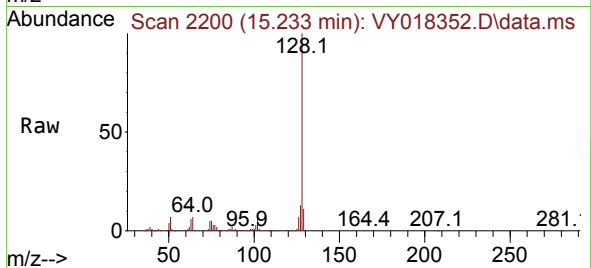
Tgt Ion:128 Resp: 133240

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 40.779 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018352.D

Acq: 23 May 2024 10:15

Tgt Ion:180 Resp: 59274

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 32.8 15.4 46.1

