

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123121\  
 Data File : VX026182.D  
 Acq On : 30 Dec 2021 20:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 31 01:11:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 100518   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 166370   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 150770   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 75447    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 73979    | 50.873   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.740% |      |
| 35) Dibromofluoromethane    | 5.391  | 113   | 54827    | 50.689   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.380% |      |
| 50) Toluene-d8              | 8.653  | 98    | 198298   | 49.288   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 98.580%  |      |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 72137    | 50.367   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.740% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.173 | 85  | 52644  | 49.866  | ug/l   | 97  |
| 3) Chloromethane             | 1.295 | 50  | 57778  | 47.017  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 60794  | 47.007  | ug/l   | 99  |
| 5) Bromomethane              | 1.612 | 94  | 35116  | 43.997  | ug/l   | 100 |
| 6) Chloroethane              | 1.685 | 64  | 41946  | 46.124  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 110090 | 49.416  | ug/l   | 96  |
| 8) Diethyl Ether             | 2.136 | 74  | 37633  | 49.173  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 55550  | 47.298  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.459 | 142 | 70319  | 46.299  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.977 | 59  | 68044  | 234.270 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 53902  | 48.426  | ug/l   | 94  |
| 13) Acrolein                 | 2.239 | 56  | 38858  | 374.138 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 104963 | 47.718  | ug/l   | 95  |
| 15) Acrylonitrile            | 3.069 | 53  | 176927 | 246.032 | ug/l   | 99  |
| 16) Acetone                  | 2.386 | 43  | 166372 | 211.157 | ug/l   | 92  |
| 17) Carbon Disulfide         | 2.514 | 76  | 154984 | 48.516  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.709 | 43  | 124334 | 48.650  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 191385 | 49.226  | ug/l   | 97  |
| 20) Methylene Chloride       | 2.794 | 84  | 61436  | 48.742  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 3.099 | 96  | 57849  | 47.641  | ug/l   | 93  |
| 22) Diisopropyl ether        | 3.770 | 45  | 206790 | 49.255  | ug/l   | 91  |
| 23) Vinyl Acetate            | 3.727 | 43  | 859769 | 257.899 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 111959 | 49.208  | ug/l   | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 261666 | 238.409 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 4.489 | 77  | 80295  | 46.840  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 66526  | 48.157  | ug/l   | 92  |
| 28) Bromochloromethane       | 4.904 | 49  | 51455  | 51.024  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 170057 | 245.824 | ug/l   | 93  |
| 30) Chloroform               | 5.099 | 83  | 117224 | 48.711  | ug/l   | 99  |
| 31) Cyclohexane              | 5.483 | 56  | 99196  | 47.899  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 104875 | 50.130  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 83917  | 48.103  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.721 | 43  | 104007 | 51.417  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 97055  | 50.014  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.385 | 83  | 94478  | 48.010  | ug/l   | 94  |
| 40) Benzene                  | 6.044 | 78  | 239978 | 48.198  | ug/l   | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 31 01:11:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 55471    | 48.562  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 98858    | 49.061  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 163580   | 49.619  | ug/l   | 95       |
| 44) Trichloroethene           | 7.129  | 130  | 63986    | 47.760  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 63445    | 49.819  | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 46060    | 48.760  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 95894    | 49.897  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 81153    | 51.327  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.678  | 88   | 27230    | 934.554 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 523367   | 255.105 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 149889   | 48.901  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 96566    | 47.349  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.373  | 75   | 101039   | 49.742  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 61844    | 49.092  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 98135    | 50.509  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 106182   | 49.206  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 260347   | 250.633 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 395750   | 254.660 | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 71523    | 50.118  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 66609    | 49.417  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 57780    | 45.413  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 156961   | 47.391  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 63141    | 50.030  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 287911   | 48.616  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 214349   | 96.937  | ug/l   | 92       |
| 69) o-Xylene                  | 10.646 | 106  | 103876   | 48.012  | ug/l   | 91       |
| 70) Styrene                   | 10.659 | 104  | 180042   | 50.762  | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 51846    | 50.639  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 279674   | 47.689  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 140714   | 52.254  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 95891    | 48.078  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 109930   | 60.364  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 66400    | 47.743  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 332878   | 49.368  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 196289   | 47.292  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 233620   | 48.003  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 31282    | 49.695  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 226582   | 48.337  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 227282   | 48.114  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 237228   | 48.783  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 283334   | 48.064  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 237322   | 48.292  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 124411   | 47.653  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 125833   | 44.954  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 207973   | 47.620  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 47924    | 48.826  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 121287   | 44.784  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 24239    | 47.474  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 74789    | 46.731  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 29508    | 44.406  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 279009   | 47.849  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 75256    | 46.217  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

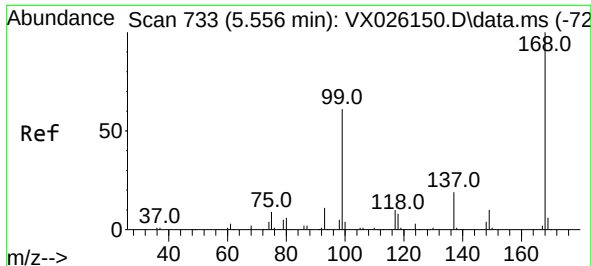
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

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

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

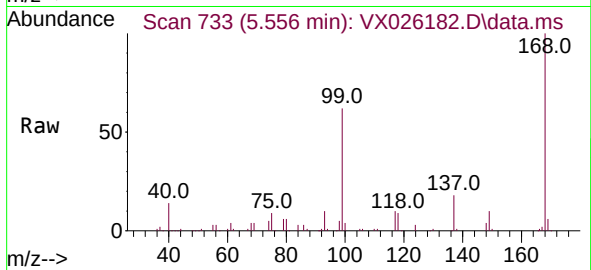
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Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration



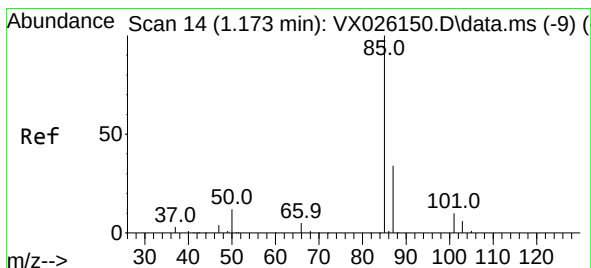
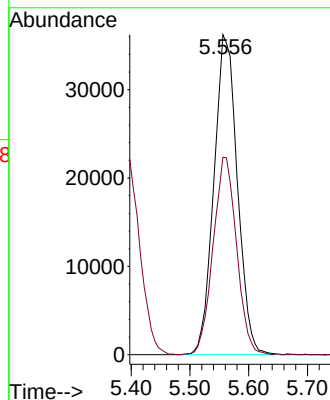
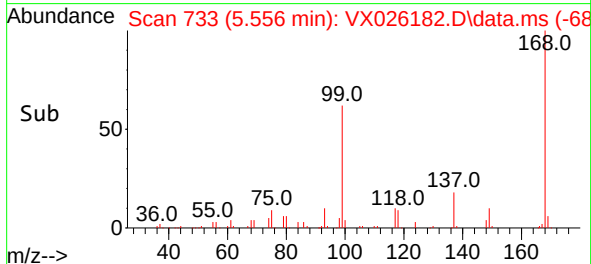


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Instrument :  
MSVOA\_X  
ClientSampleId :

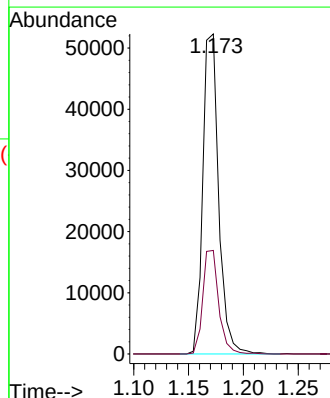
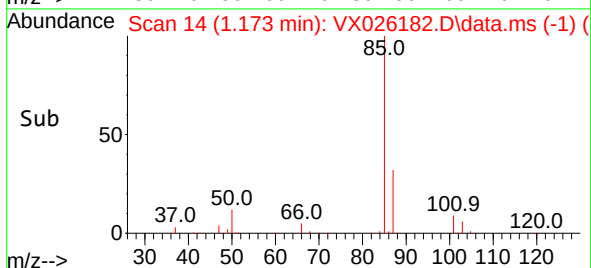
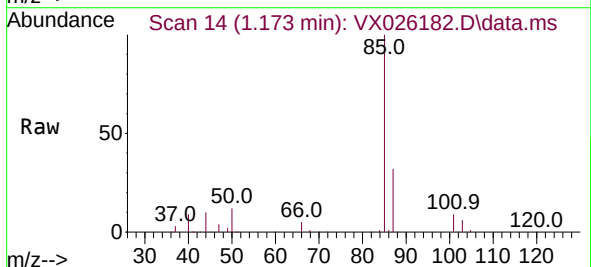


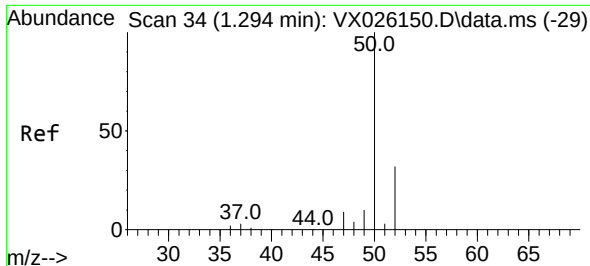
Tgt Ion:168 Resp: 100518  
Ion Ratio Lower Upper  
168 100  
99 61.7 45.8 68.8



#2  
Dichlorodifluoromethane  
Concen: 49.866 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 85 Resp: 52644  
Ion Ratio Lower Upper  
85 100  
87 32.3 17.0 50.9

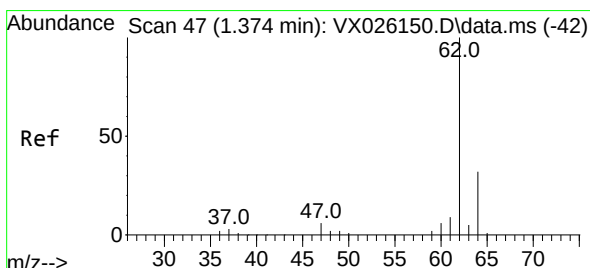
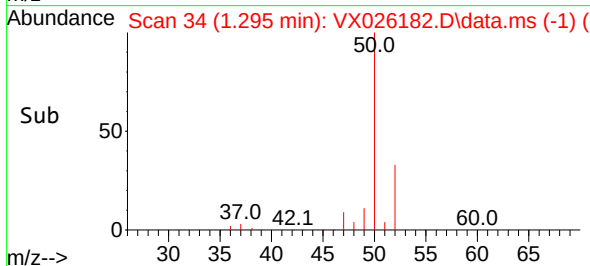
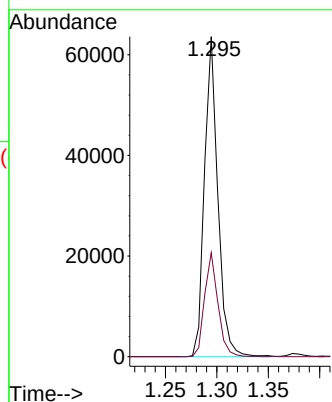
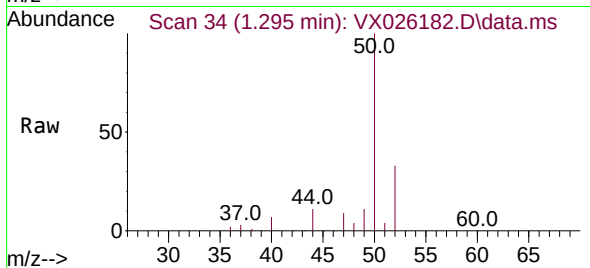




#3  
Chloromethane  
Concen: 47.017 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

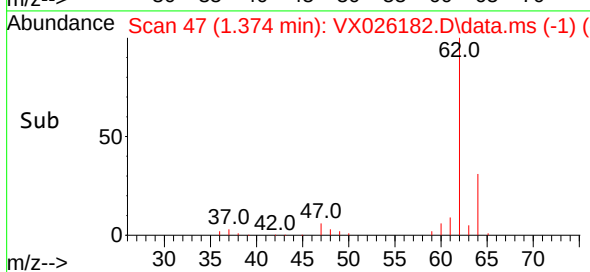
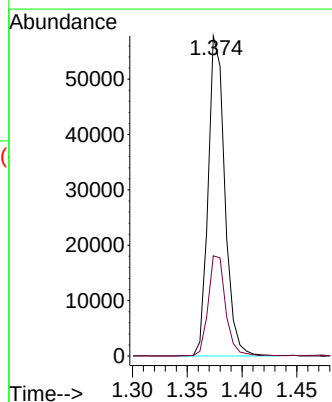
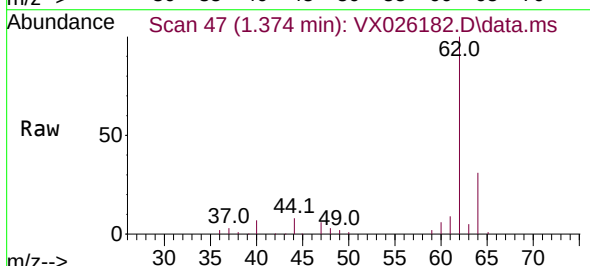
Instrument :  
MSVOA\_X  
ClientSampleId :

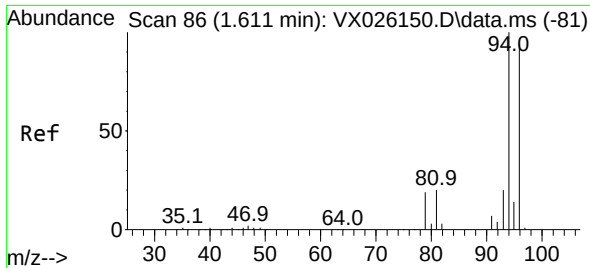
Tgt Ion: 50 Resp: 57778  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.4 38.0



#4  
Vinyl Chloride  
Concen: 47.007 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 62 Resp: 60794  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.2

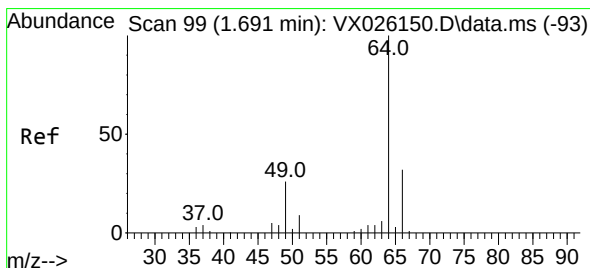
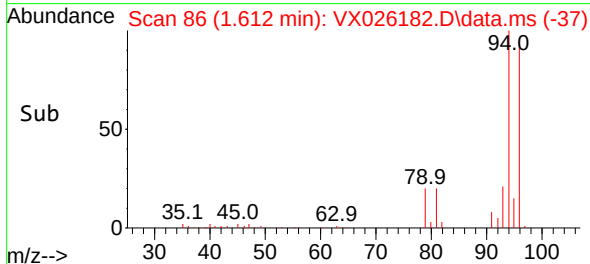
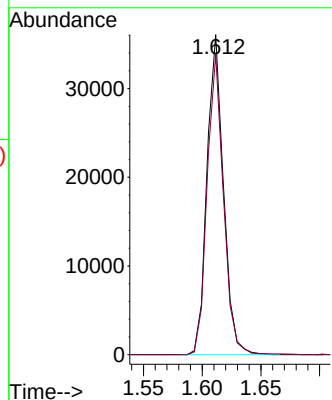
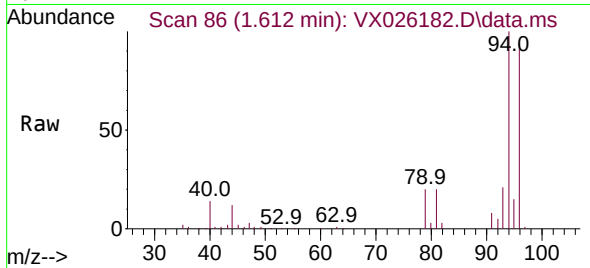




#5  
Bromomethane  
Concen: 43.997 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

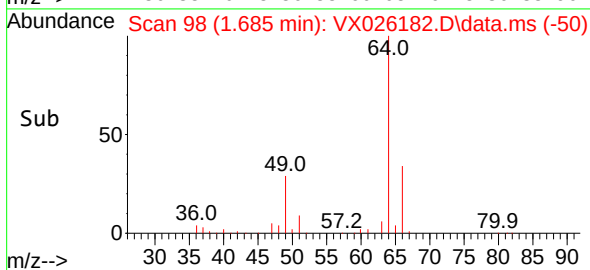
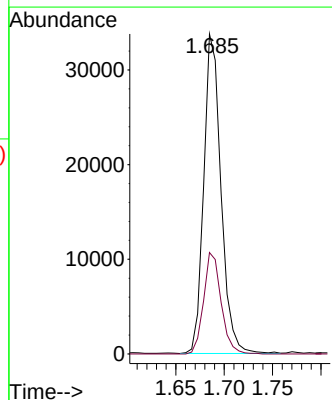
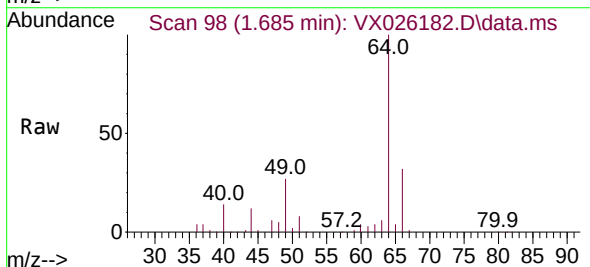
Instrument :  
MSVOA\_X  
ClientSampleId :

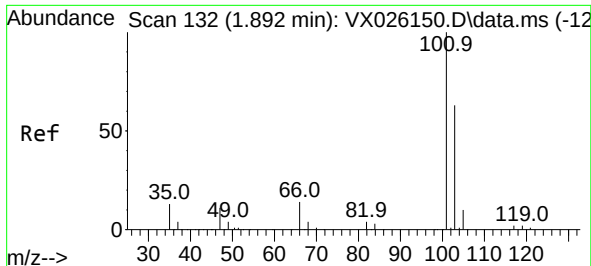
Tgt Ion: 94 Resp: 35116  
Ion Ratio Lower Upper  
94 100  
96 93.8 75.0 112.4



#6  
Chloroethane  
Concen: 46.124 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 64 Resp: 41946  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.9 38.9

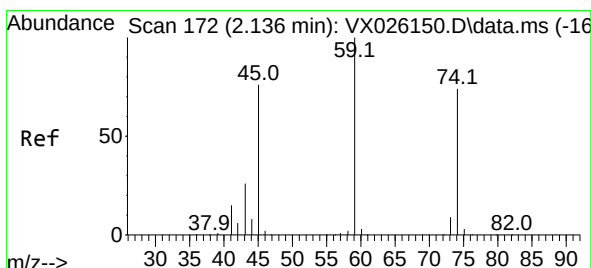
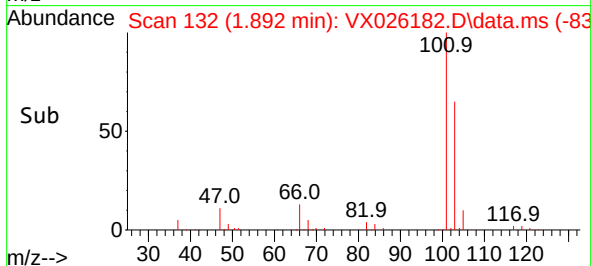
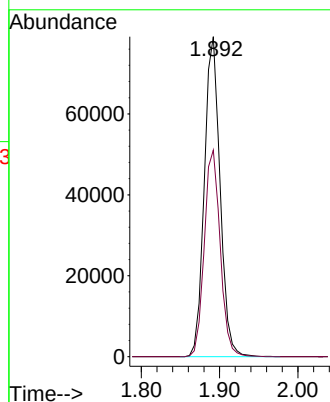
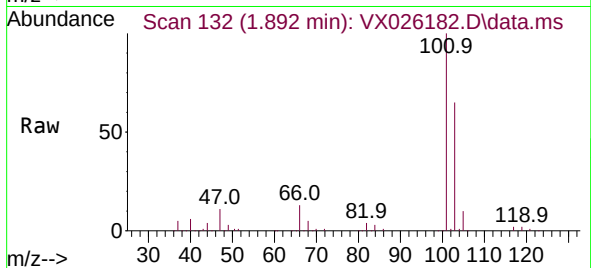




#7  
 Trichlorofluoromethane  
 Concen: 49.416 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

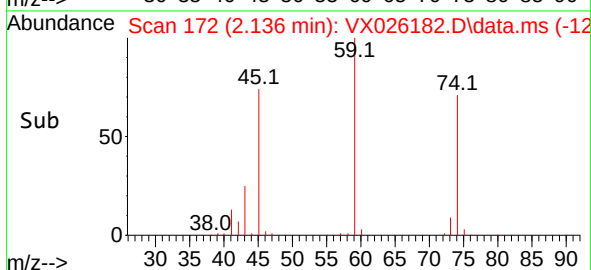
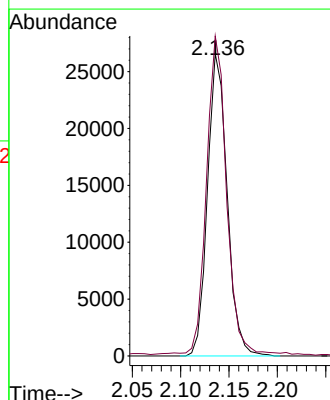
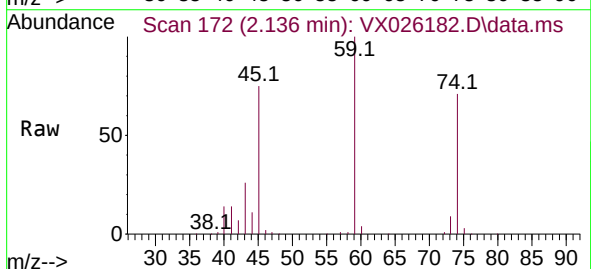
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 110090  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 54.1 81.1

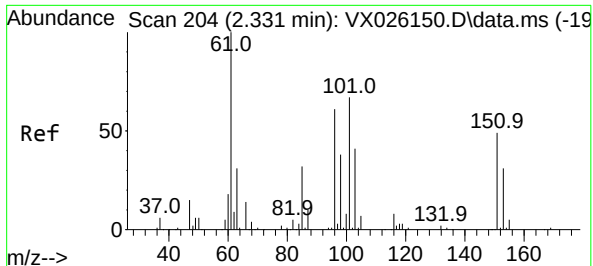


#8  
 Diethyl Ether  
 Concen: 49.173 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

Tgt Ion: 74 Resp: 37633  
 Ion Ratio Lower Upper  
 74 100  
 45 109.3 50.4 151.2



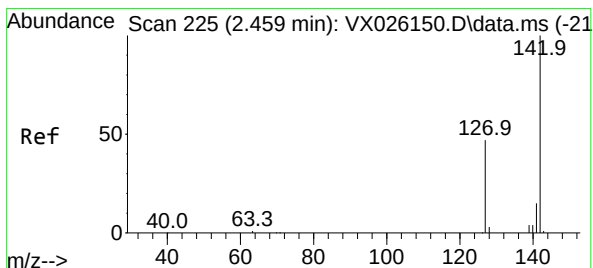
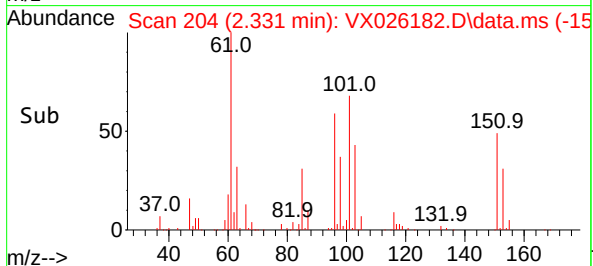
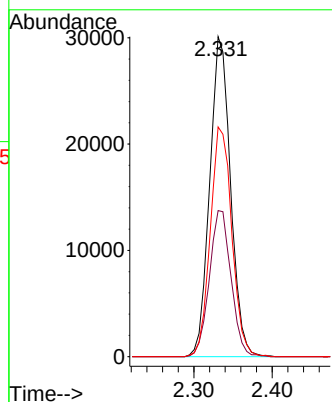
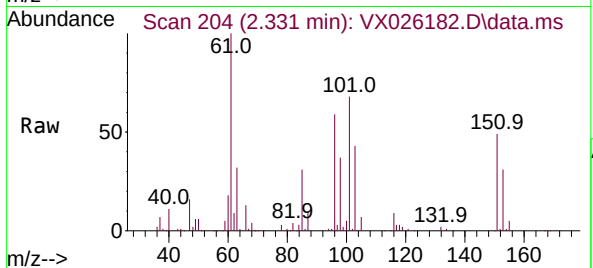




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.298 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

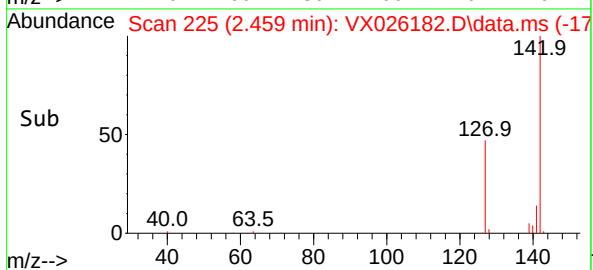
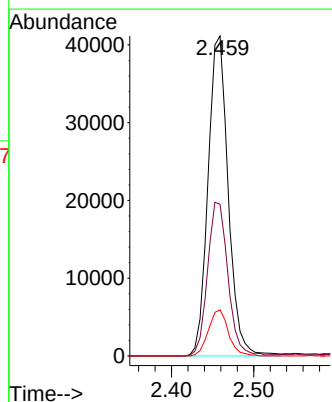
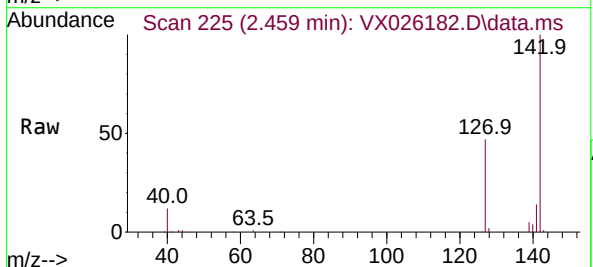
Instrument :  
MSVOA\_X  
ClientSampleId :

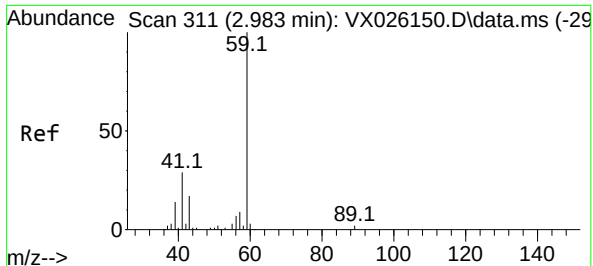
Tgt Ion:101 Resp: 55550  
Ion Ratio Lower Upper  
101 100  
85 47.5 36.5 54.7  
151 74.4 60.6 90.8



#10  
Methyl Iodide  
Concen: 46.299 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion:142 Resp: 70319  
Ion Ratio Lower Upper  
142 100  
127 48.6 37.5 56.3  
141 14.3 11.4 17.0

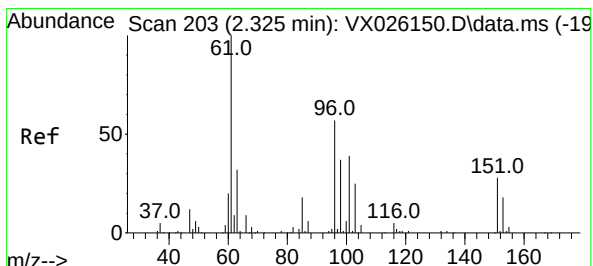
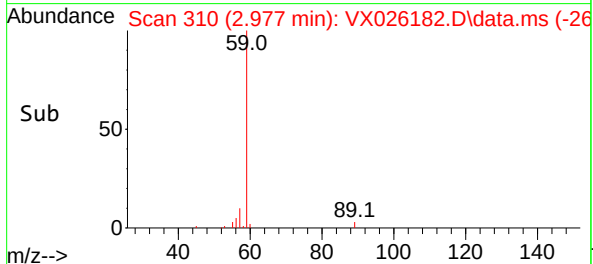
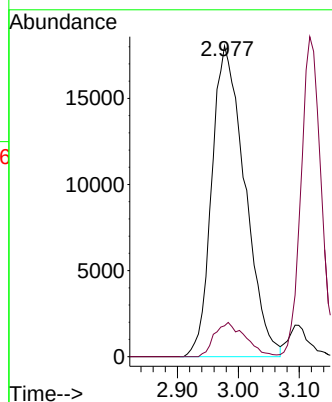
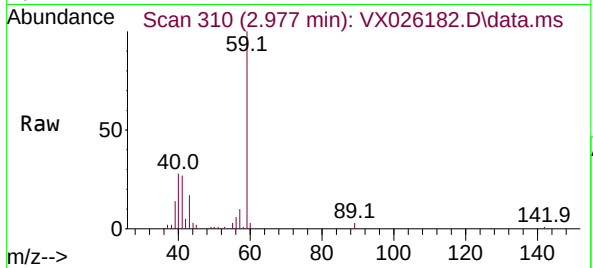




#11  
Tert butyl alcohol  
Concen: 234.270 ug/l  
RT: 2.977 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

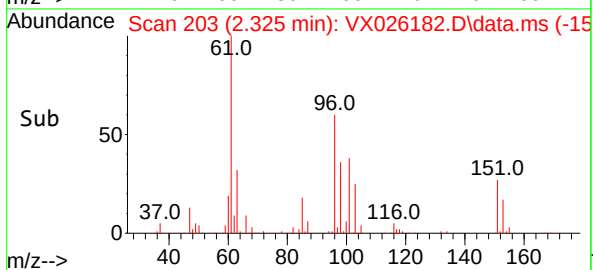
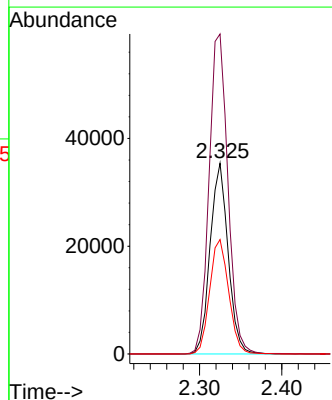
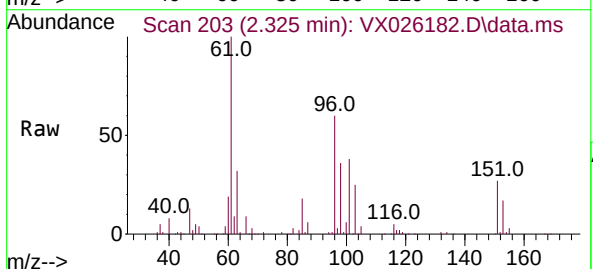
Instrument :  
MSVOA\_X  
ClientSampleId :

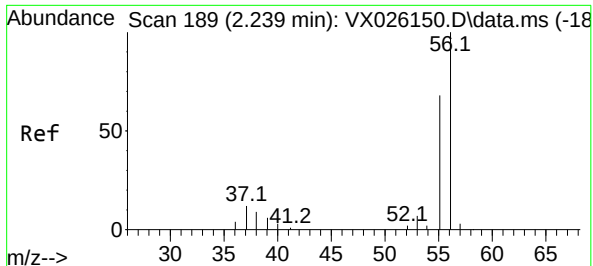
Tgt Ion: 59 Resp: 68044  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 48.426 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 96 Resp: 53902  
Ion Ratio Lower Upper  
96 100  
61 167.8 127.5 191.3  
98 60.0 52.0 78.0

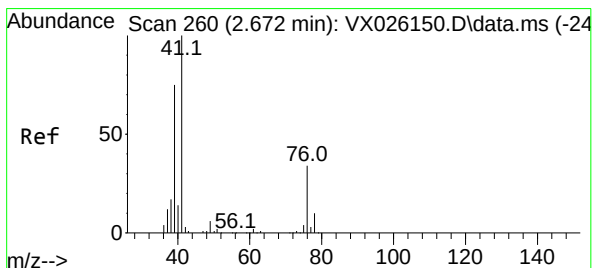
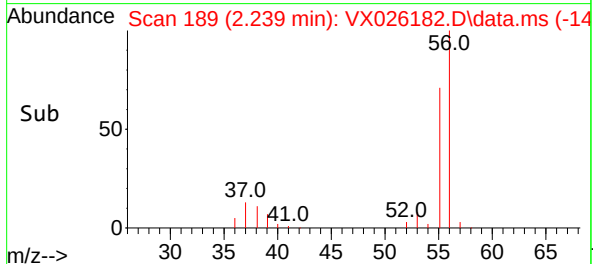
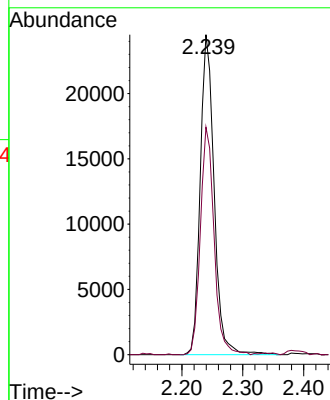
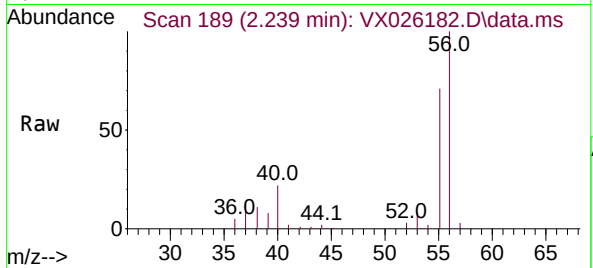




#13  
Acrolein  
Concen: 374.138 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

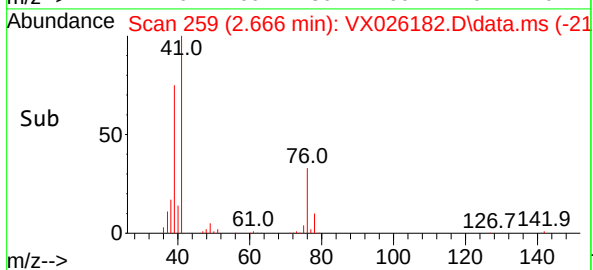
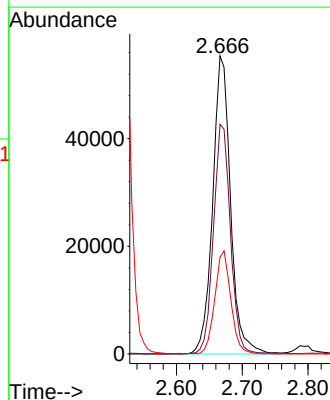
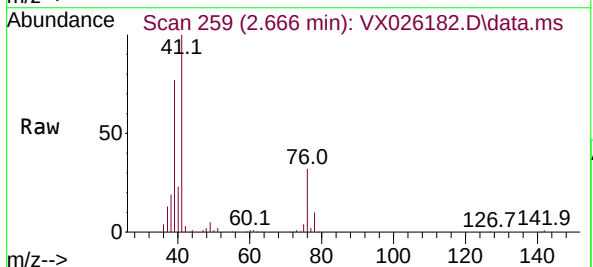
Instrument :  
MSVOA\_X  
ClientSampleId :

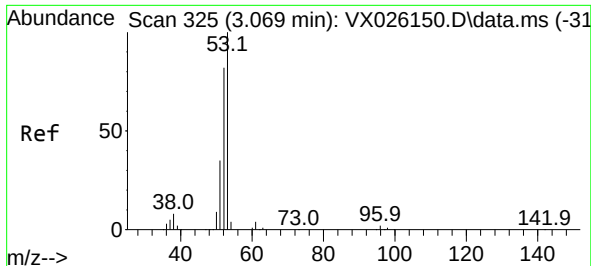
Tgt Ion: 56 Resp: 38858  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.4 86.2



#14  
Allyl chloride  
Concen: 47.718 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

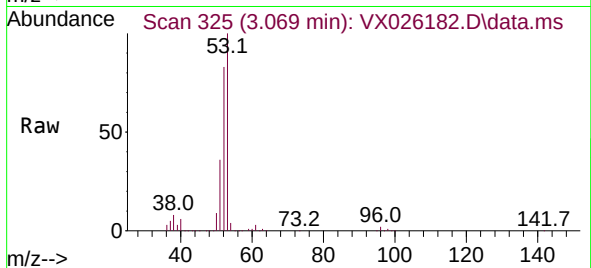
Tgt Ion: 41 Resp: 104963  
Ion Ratio Lower Upper  
41 100  
39 73.3 55.4 83.0  
76 31.1 27.6 41.4



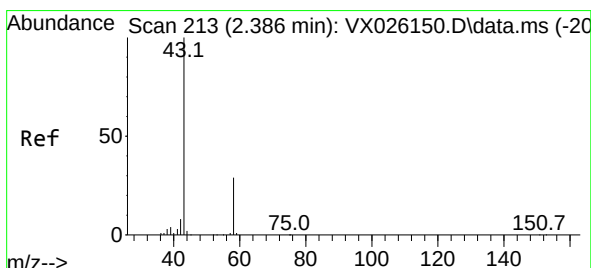
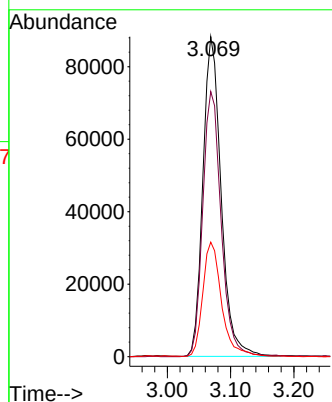
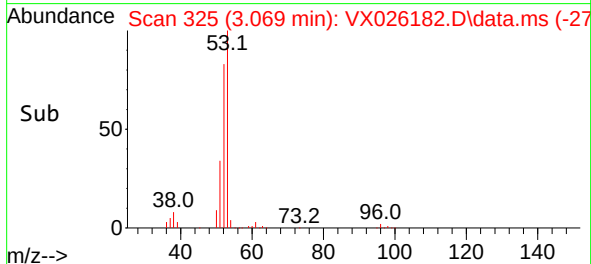


#15  
Acrylonitrile  
Concen: 246.032 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Instrument :  
MSVOA\_X  
ClientSampleId :

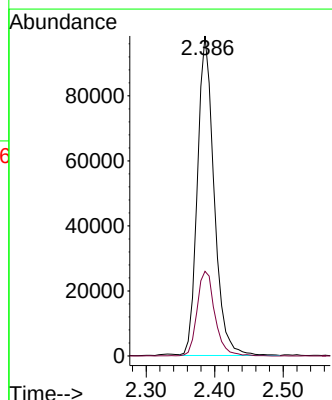
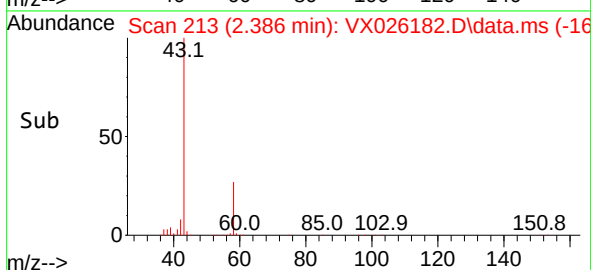
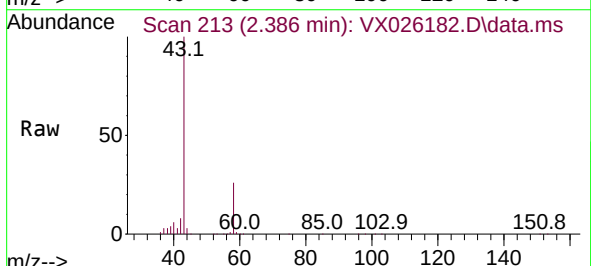


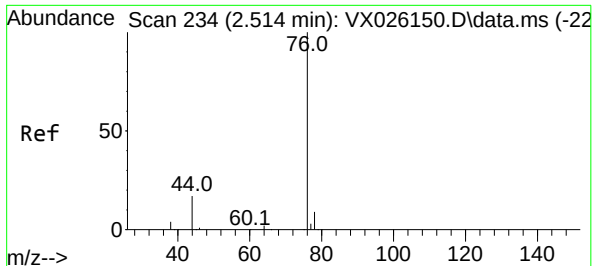
Tgt Ion: 53 Resp: 176927  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.2 99.2  
51 36.7 29.4 44.0



#16  
Acetone  
Concen: 211.157 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 43 Resp: 166372  
Ion Ratio Lower Upper  
43 100  
58 26.5 24.8 37.2

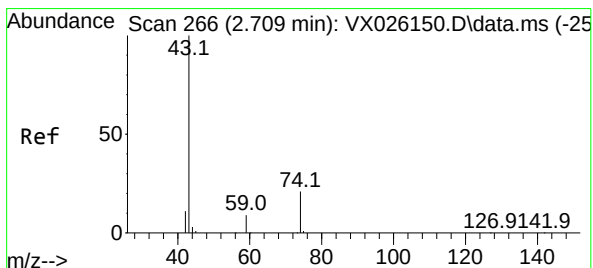
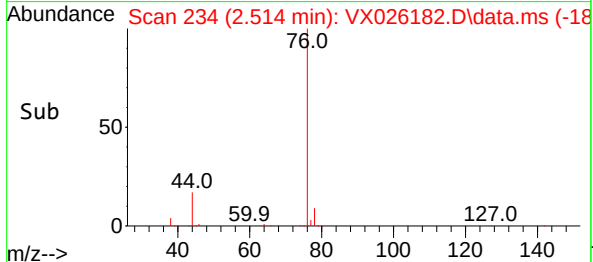
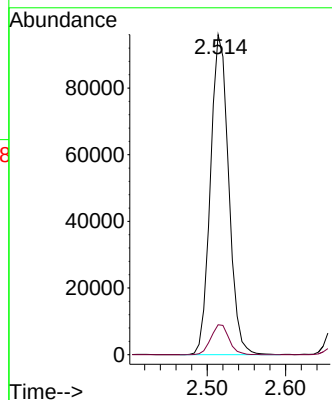
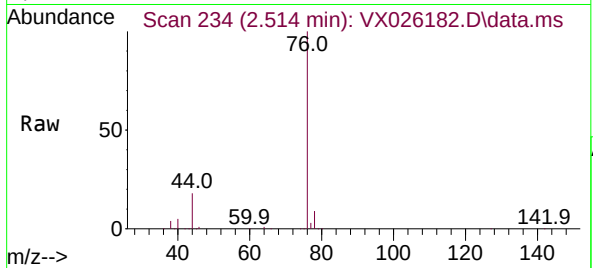




#17  
Carbon Disulfide  
Concen: 48.516 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

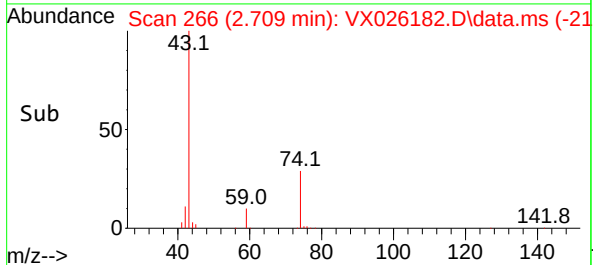
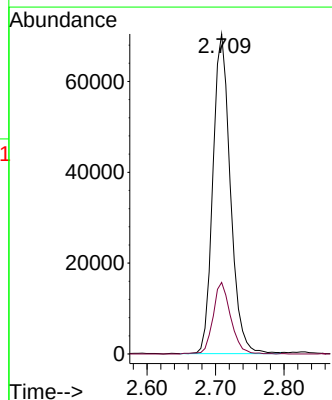
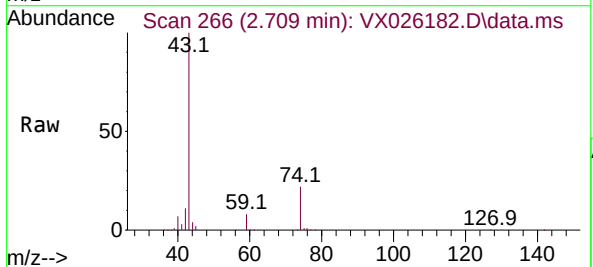
Instrument :  
MSVOA\_X  
ClientSampleId :

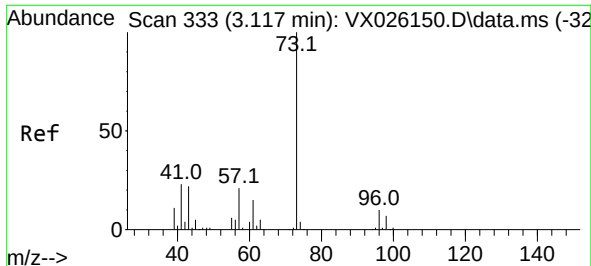
Tgt Ion: 76 Resp: 154984  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 48.650 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 43 Resp: 124334  
Ion Ratio Lower Upper  
43 100  
74 22.6 19.1 28.7

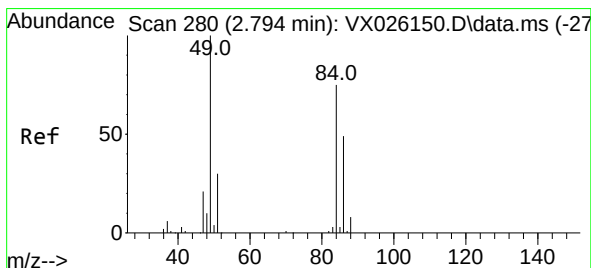
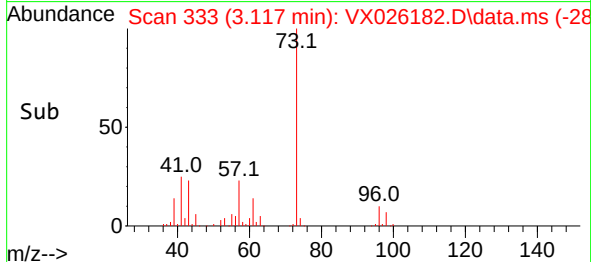
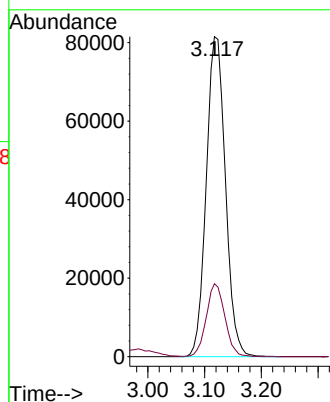
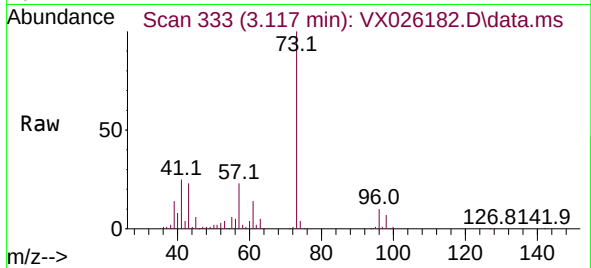




#19  
Methyl tert-butyl Ether  
Concen: 49.226 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

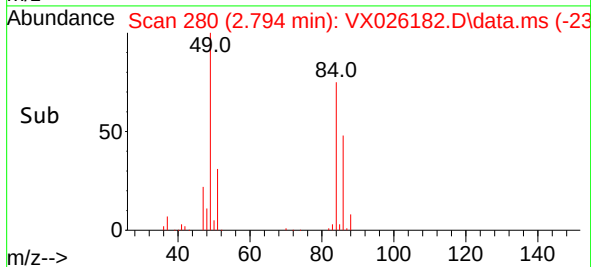
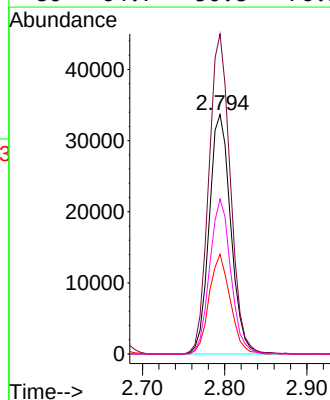
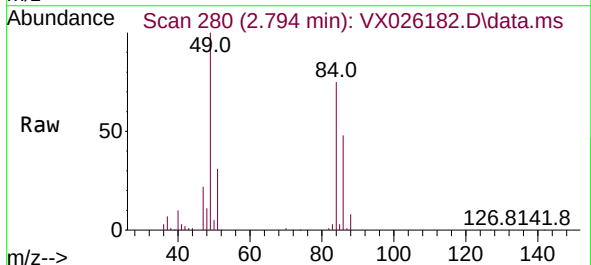
Instrument :  
MSVOA\_X  
ClientSampleId :

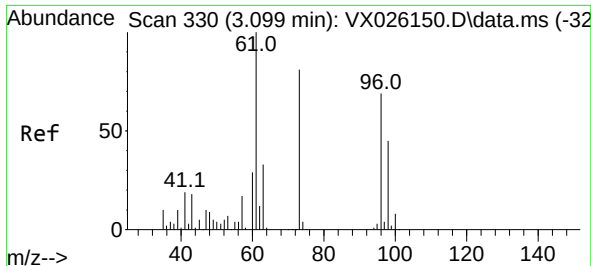
Tgt Ion: 73 Resp: 191385  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.0 25.6



#20  
Methylene Chloride  
Concen: 48.742 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 84 Resp: 61436  
Ion Ratio Lower Upper  
84 100  
49 133.7 97.1 145.7  
51 41.6 29.3 43.9  
86 64.7 50.8 76.2

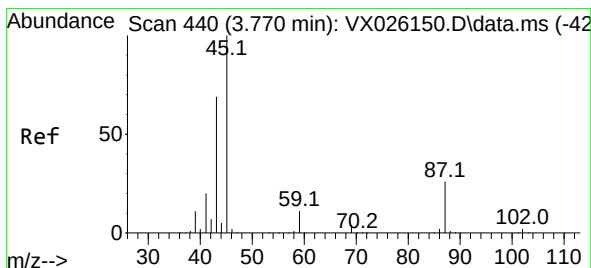
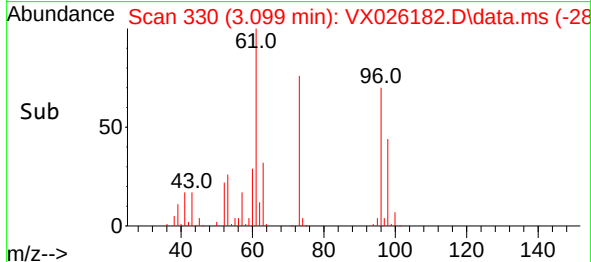
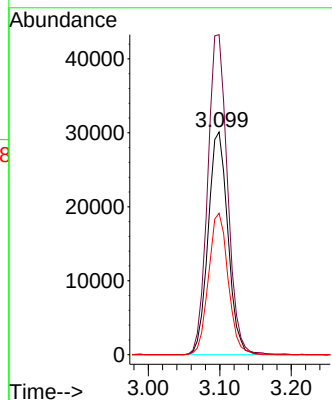
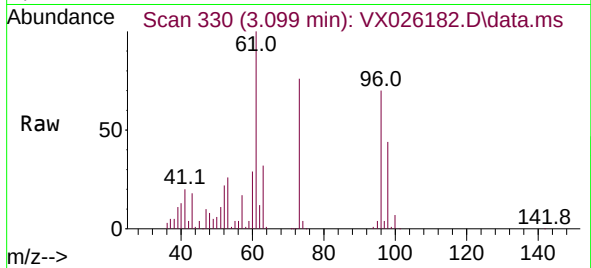




#21  
trans-1,2-Dichloroethene  
Concen: 47.641 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

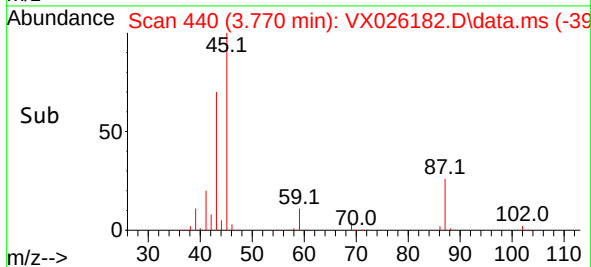
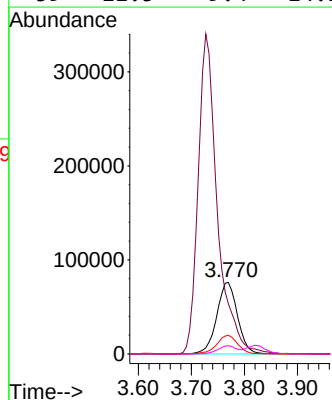
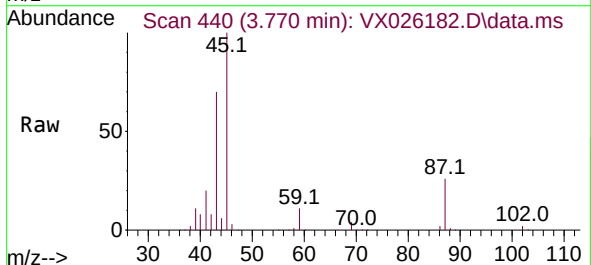
Instrument :  
MSVOA\_X  
ClientSampleId :

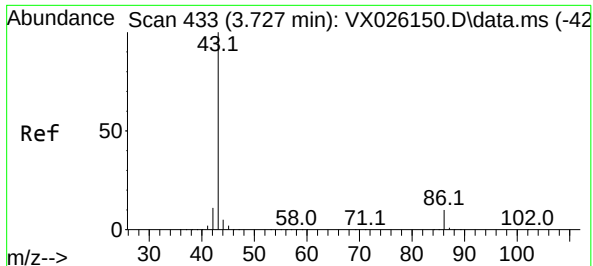
Tgt Ion: 96 Resp: 57849  
Ion Ratio Lower Upper  
96 100  
61 143.7 105.7 158.5  
98 63.5 52.1 78.1



#22  
Diisopropyl ether  
Concen: 49.255 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 45 Resp: 206790  
Ion Ratio Lower Upper  
45 100  
43 69.8 63.8 95.6  
87 26.2 24.2 36.4  
59 11.5 9.4 14.2

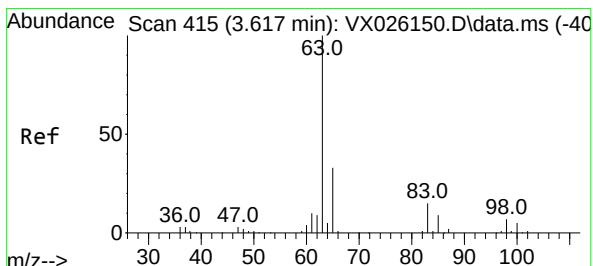
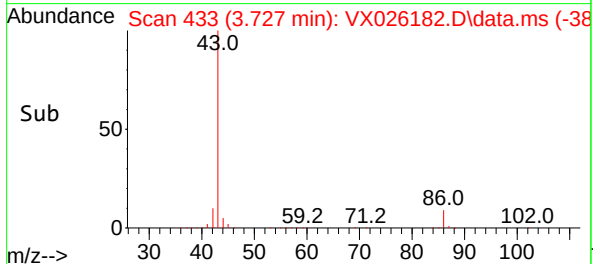
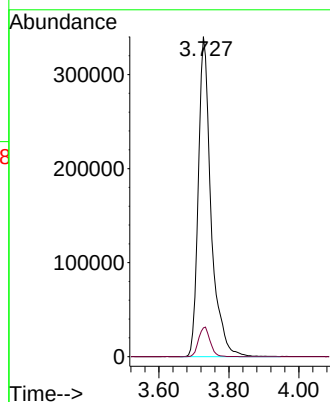
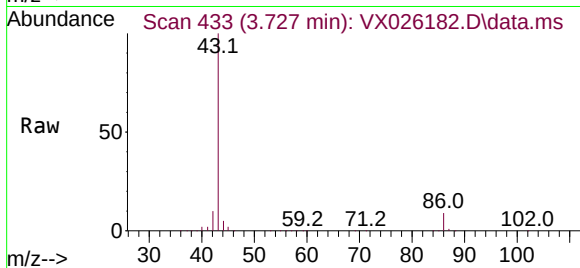




#23  
 Vinyl Acetate  
 Concen: 257.899 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

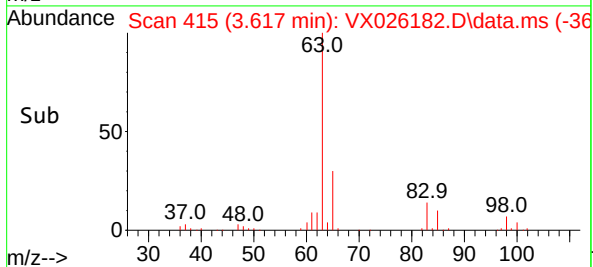
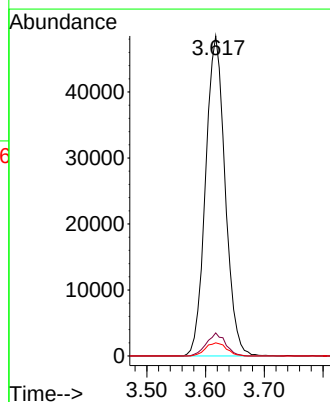
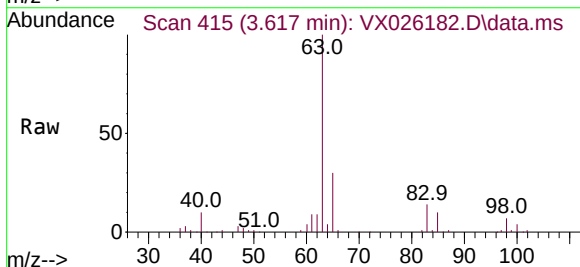
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 859769  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 9.0 13.6#

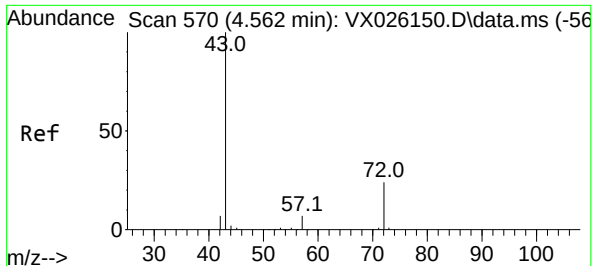


#24  
 1,1-Dichloroethane  
 Concen: 49.208 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

Tgt Ion: 63 Resp: 111959  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.9  
 100 4.1 2.2 6.6







#25

2-Butanone

Concen: 238.409 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

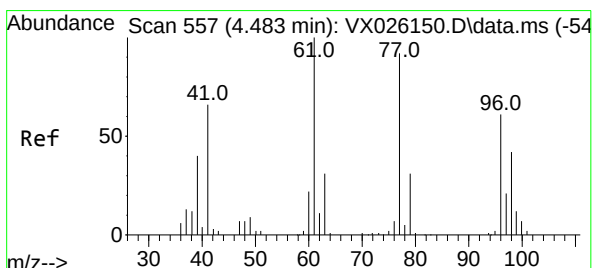
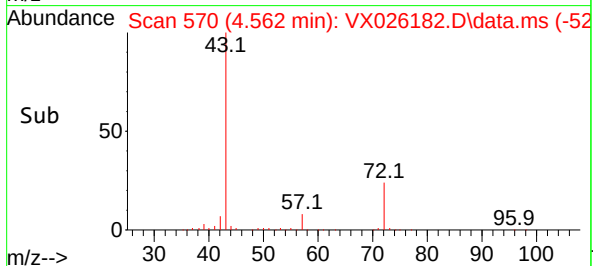
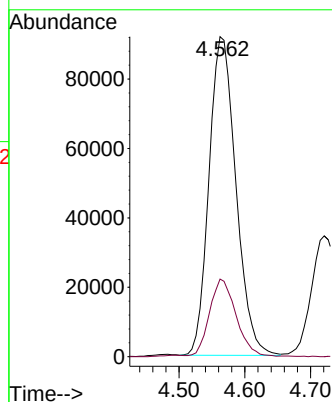
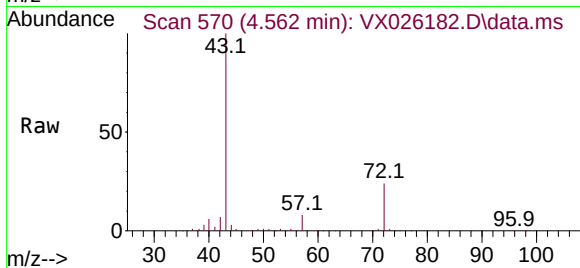
ClientSampleId :

Tgt Ion: 43 Resp: 261666

Ion Ratio Lower Upper

43 100

72 24.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 46.840 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX026182.D

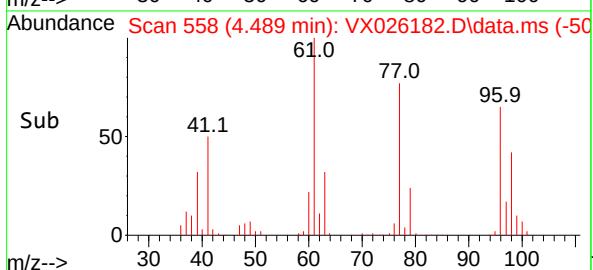
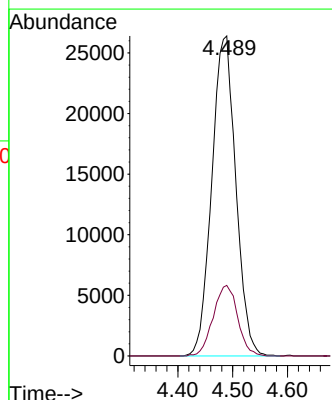
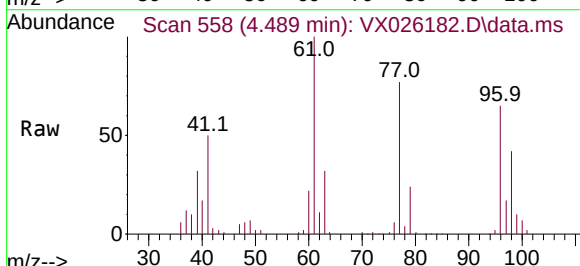
Acq: 30 Dec 2021 20:40

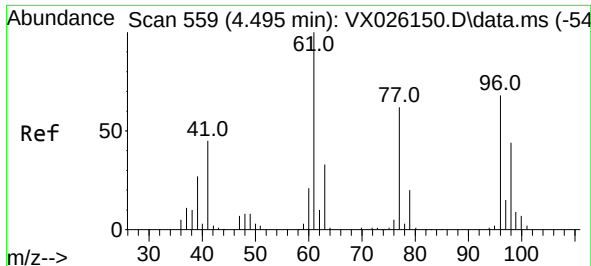
Tgt Ion: 77 Resp: 80295

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0

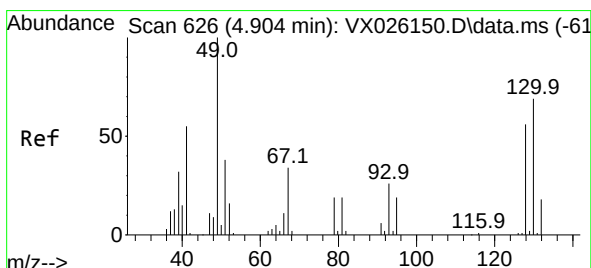
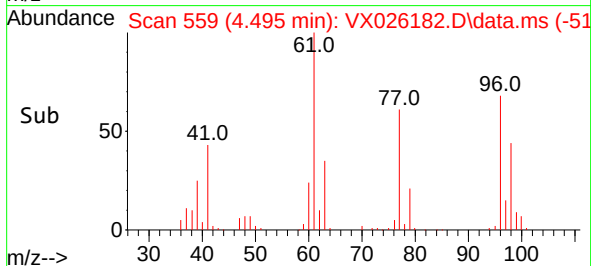
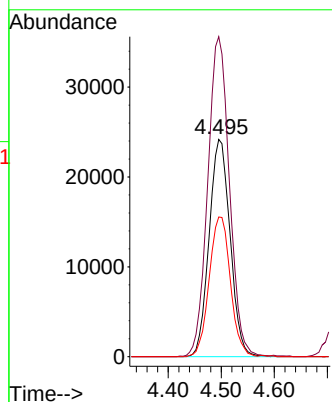
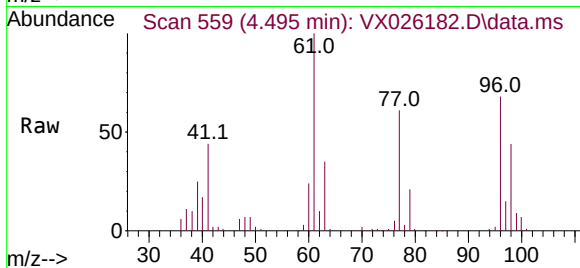




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.157 ug/l  
 RT: 4.495 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

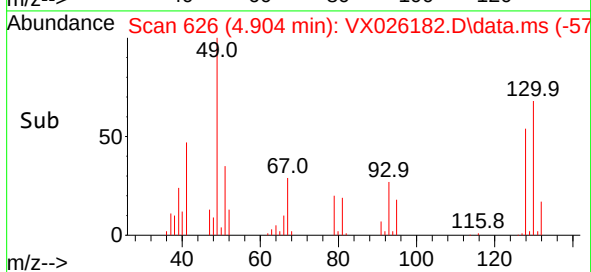
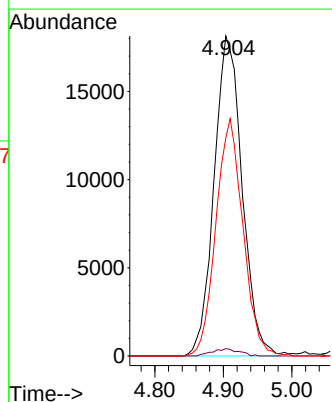
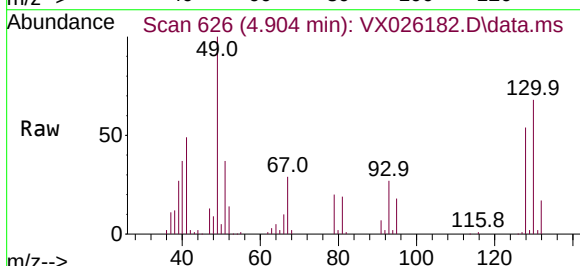
Instrument :  
 MSVOA\_X  
 ClientSampleId :

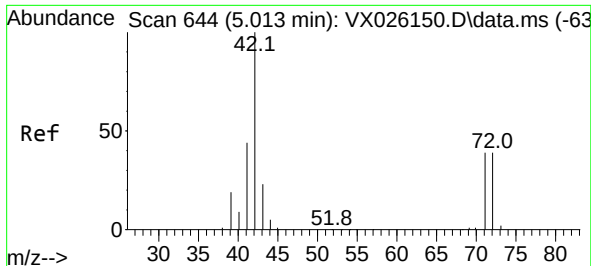
Tgt Ion: 96 Resp: 66526  
 Ion Ratio Lower Upper  
 96 100  
 61 152.2 0.0 276.8  
 98 64.9 0.0 130.6



#28  
 Bromochloromethane  
 Concen: 51.024 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. -0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

Tgt Ion: 49 Resp: 51455  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.4  
 130 71.7 67.1 100.7





#29

Tetrahydrofuran

Concen: 245.824 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

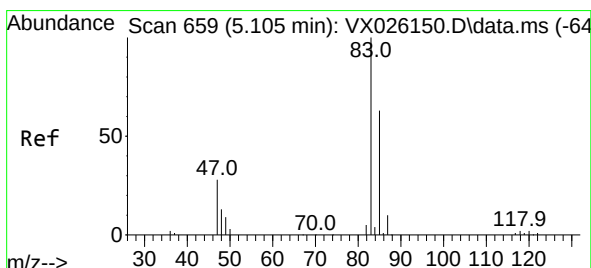
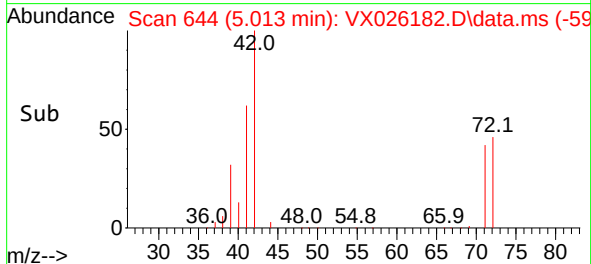
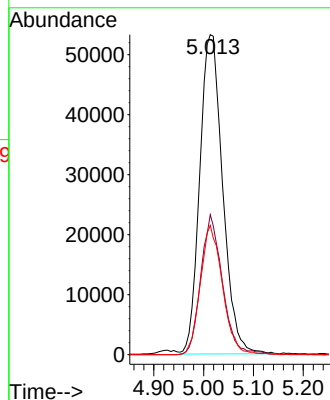
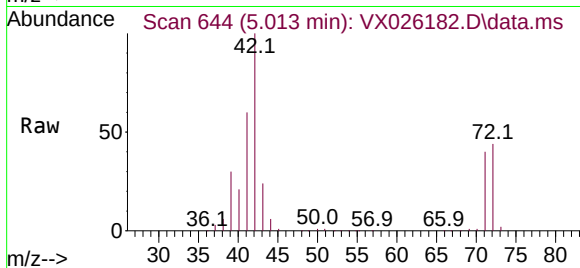
Tgt Ion: 42 Resp: 170057

Ion Ratio Lower Upper

42 100

72 41.3 37.0 55.6

71 39.1 34.1 51.1



#30

Chloroform

Concen: 48.711 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX026182.D

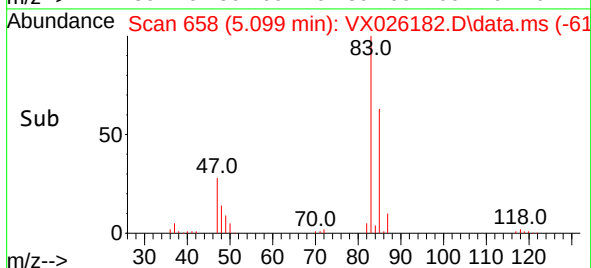
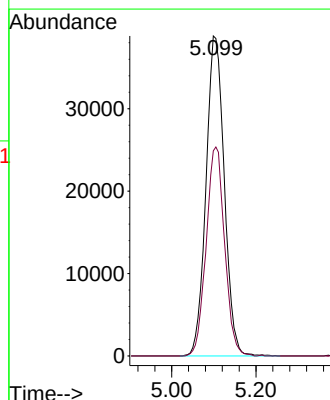
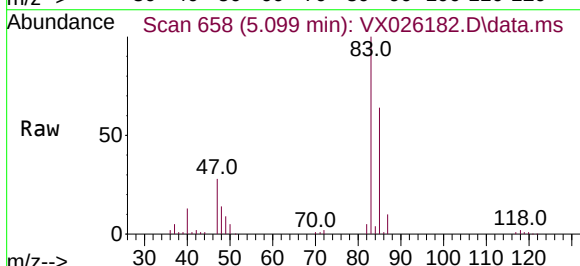
Acq: 30 Dec 2021 20:40

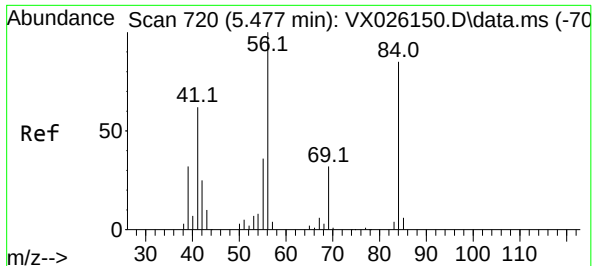
Tgt Ion: 83 Resp: 117224

Ion Ratio Lower Upper

83 100

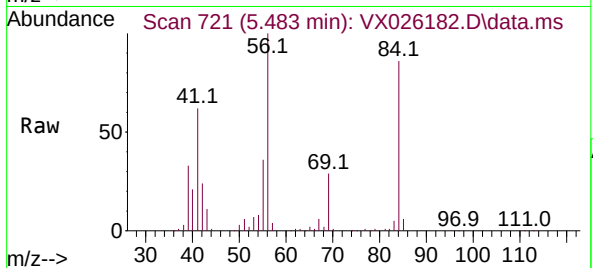
85 64.1 50.6 75.8



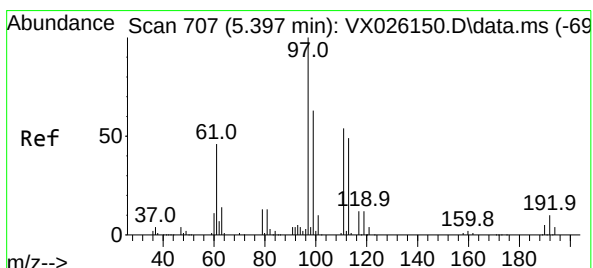
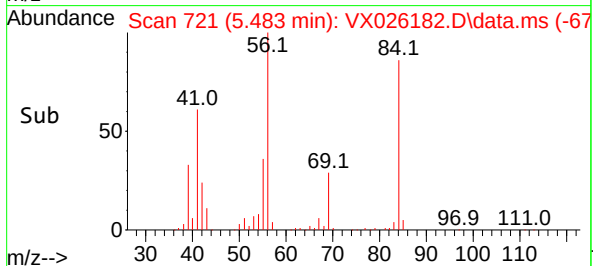
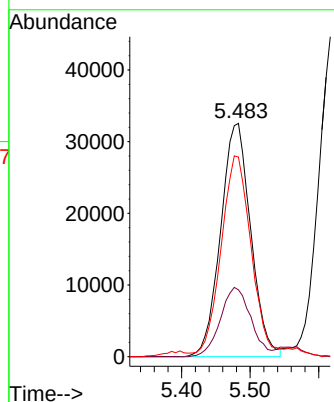


#31  
Cyclohexane  
Concen: 47.899 ug/l  
RT: 5.483 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Instrument :  
MSVOA\_X  
ClientSampleId :

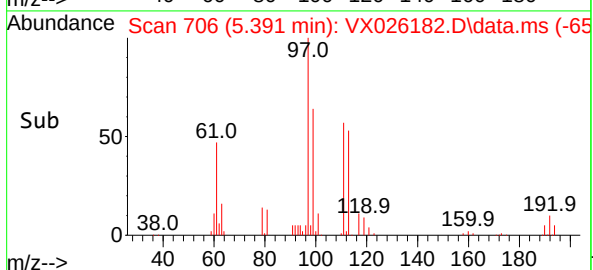
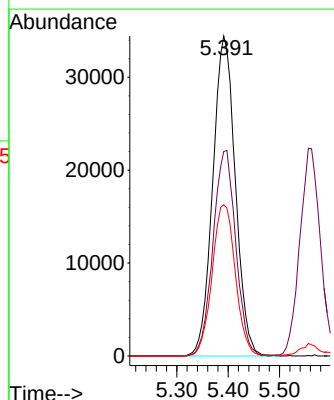
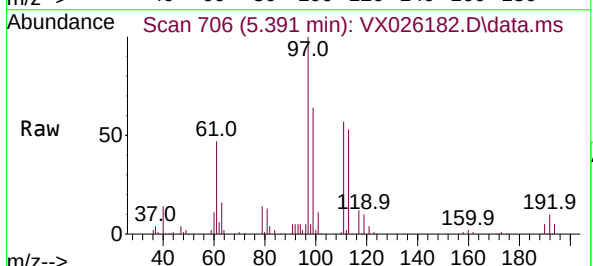


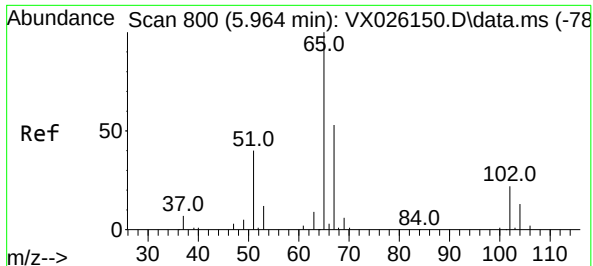
Tgt Ion: 56 Resp: 99196  
Ion Ratio Lower Upper  
56 100  
69 28.6 23.9 35.9  
84 83.1 73.2 109.8



#32  
1,1,1-Trichloroethane  
Concen: 50.130 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 97 Resp: 104875  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.5 77.3  
61 48.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.873 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

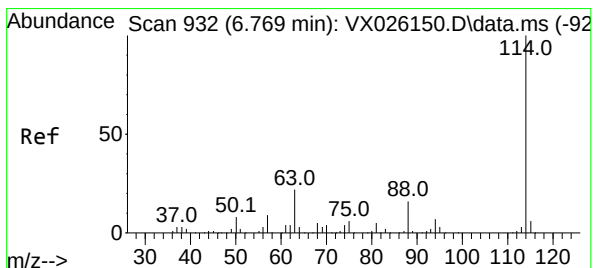
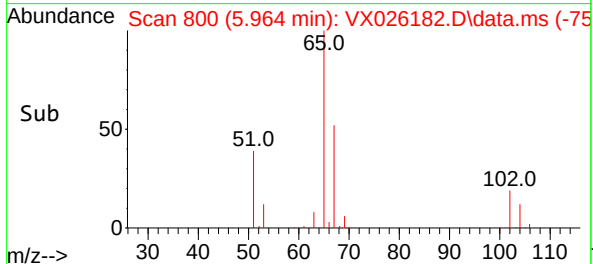
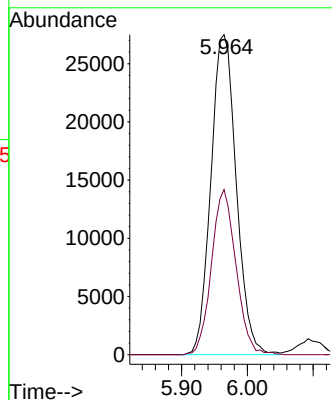
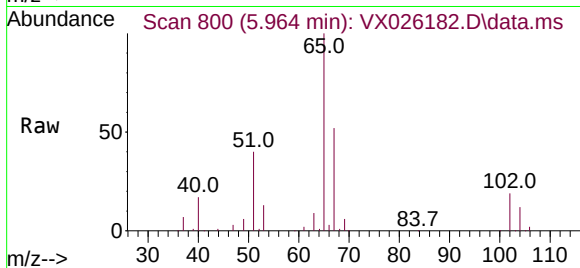
ClientSampleId :

Tgt Ion: 65 Resp: 73979

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

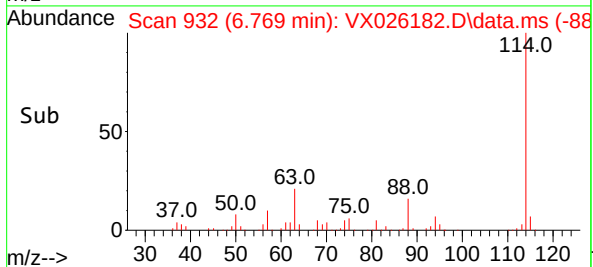
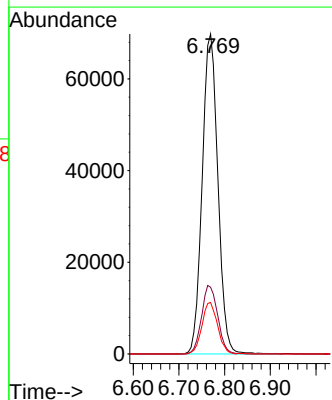
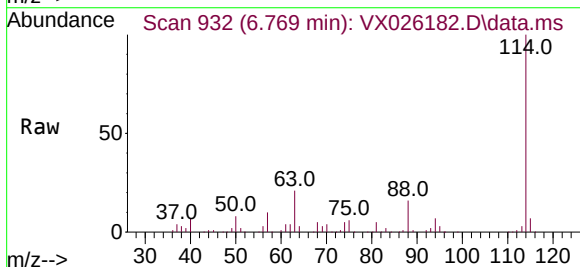
Tgt Ion: 114 Resp: 166370

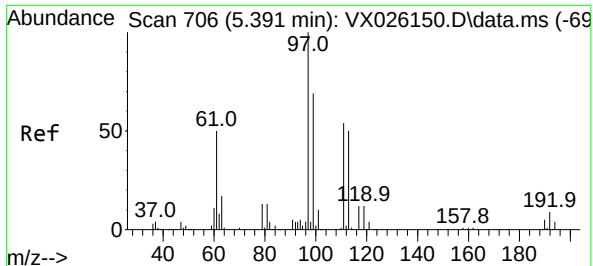
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.1 0.0 30.6

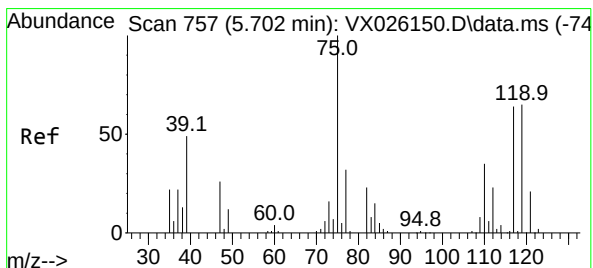
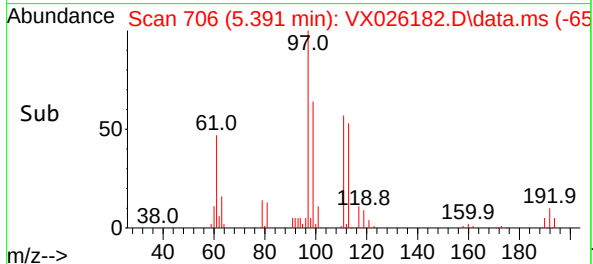
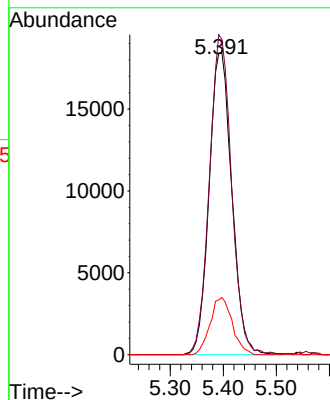
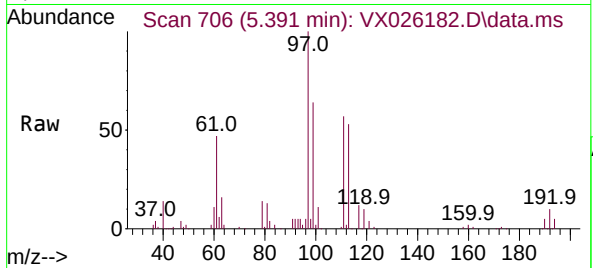




#35  
Dibromofluoromethane  
Concen: 50.689 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

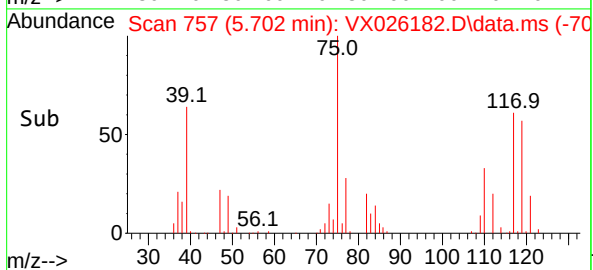
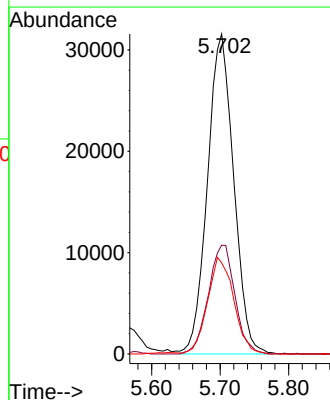
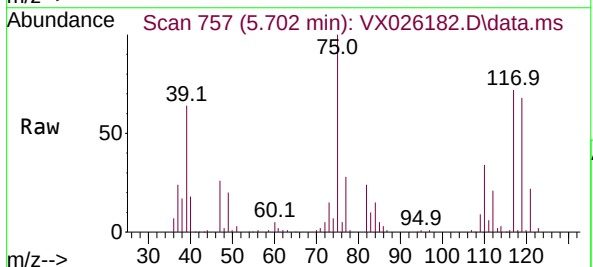
Instrument :  
MSVOA\_X  
ClientSampleId :

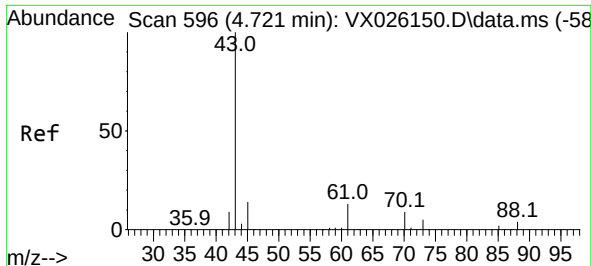
Tgt Ion:113 Resp: 54827  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.8 122.8  
192 18.5 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 48.103 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 75 Resp: 83917  
Ion Ratio Lower Upper  
75 100  
110 34.4 18.2 54.6  
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 51.417 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

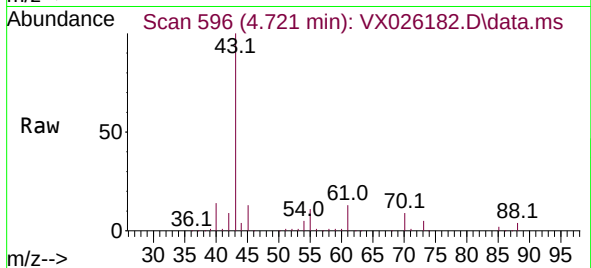
Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :



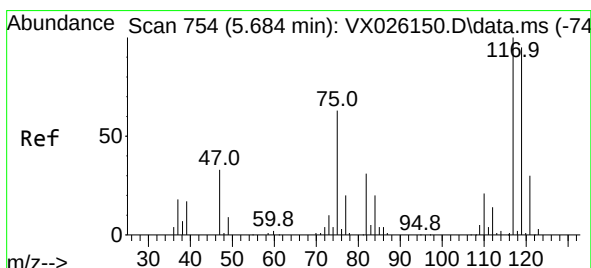
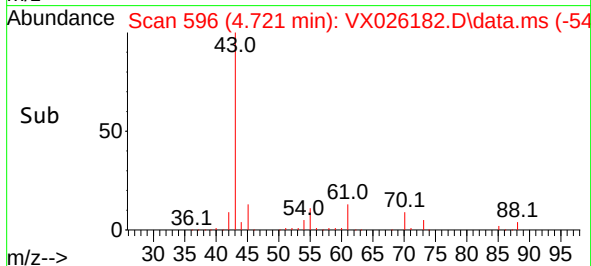
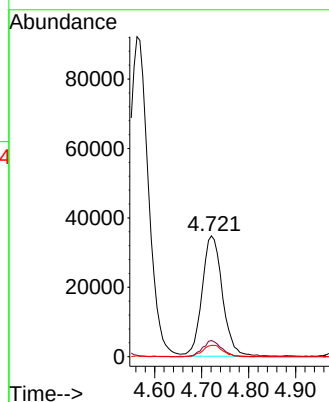
Tgt Ion: 43 Resp: 104007

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 9.5 8.5 12.7



#38

Carbon Tetrachloride

Concen: 50.014 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

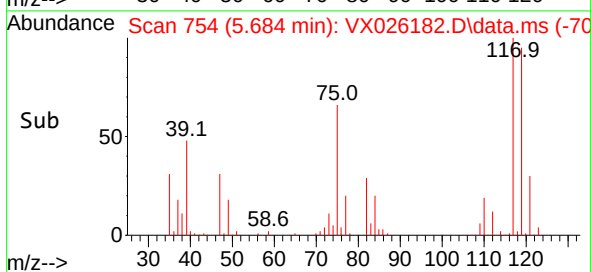
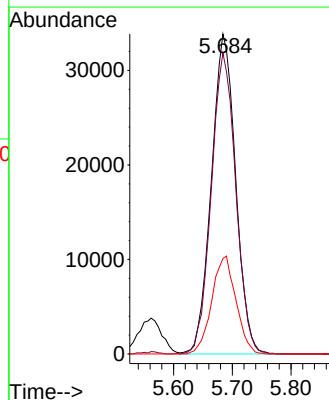
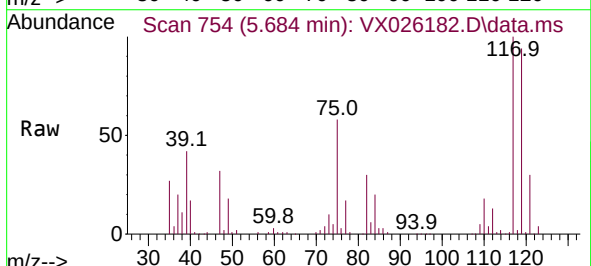
Tgt Ion: 117 Resp: 97055

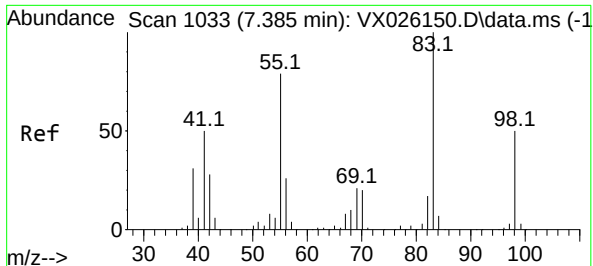
Ion Ratio Lower Upper

117 100

119 94.0 77.2 115.8

121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 48.010 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

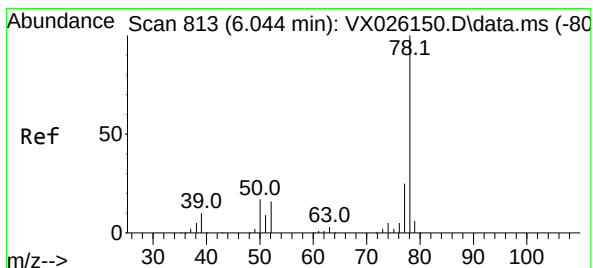
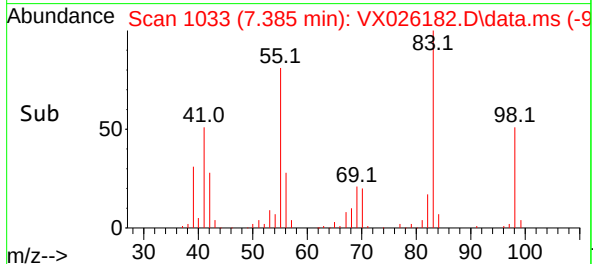
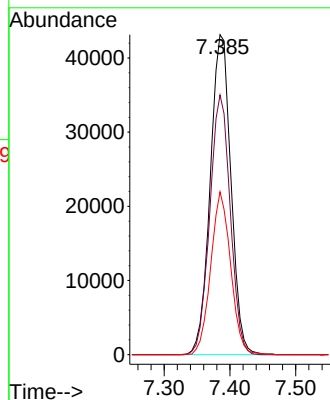
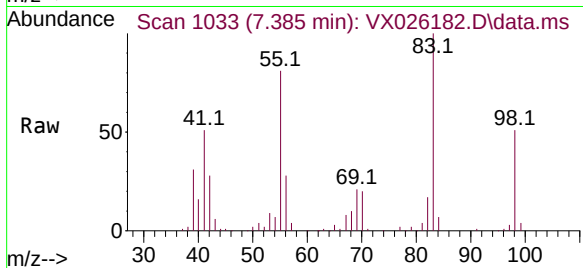
Tgt Ion: 83 Resp: 94478

Ion Ratio Lower Upper

83 100

55 81.1 57.8 86.8

98 50.9 40.5 60.7



#40

Benzene

Concen: 48.198 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026182.D

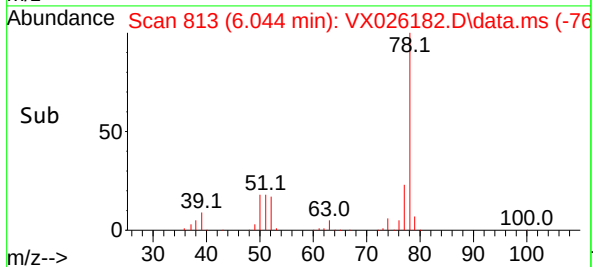
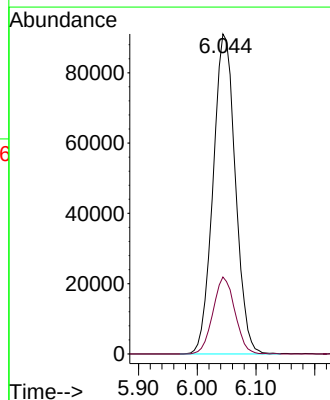
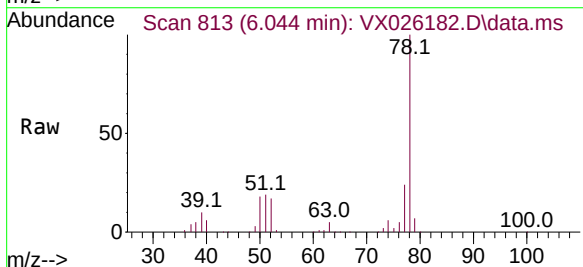
Acq: 30 Dec 2021 20:40

Tgt Ion: 78 Resp: 239978

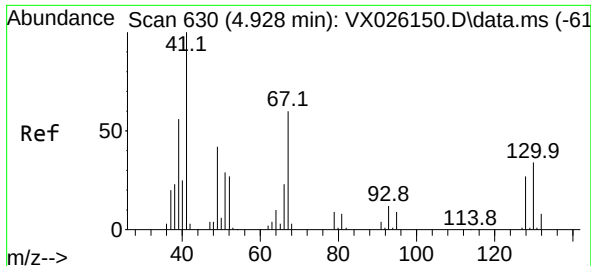
Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8



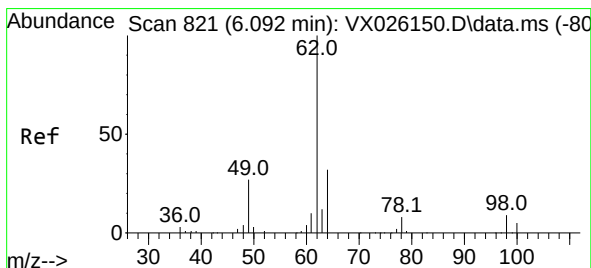
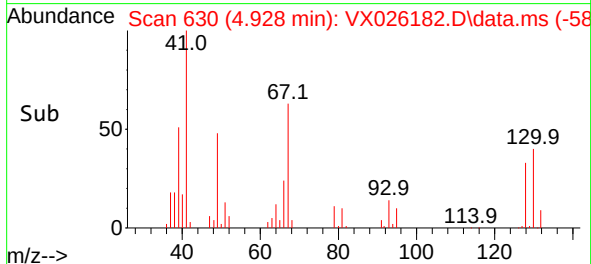
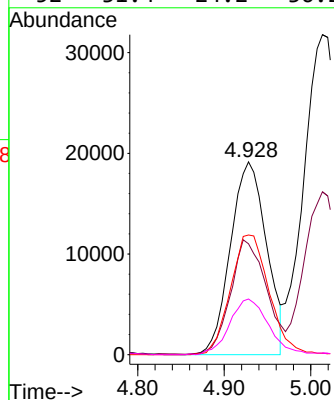
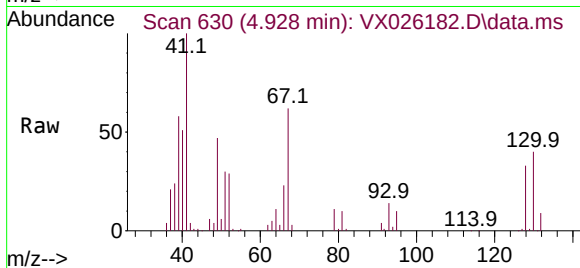




#41  
Methacrylonitrile  
Concen: 48.562 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

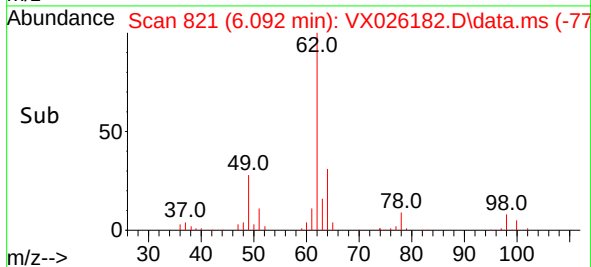
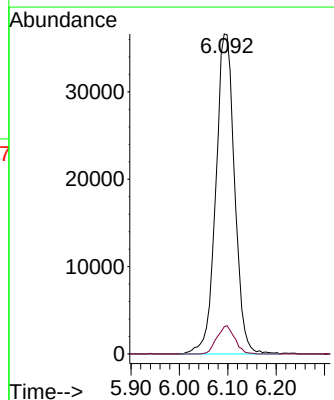
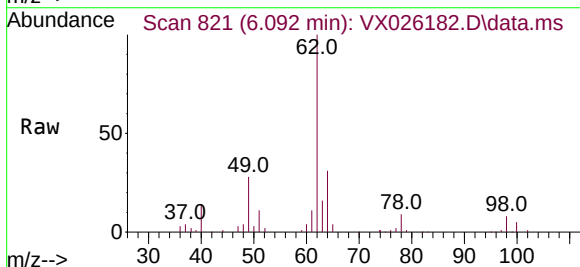
Instrument :  
MSVOA\_X  
ClientSampleId :

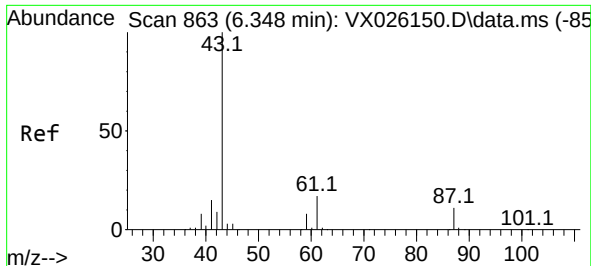
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 55471 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.5  | 44.2  | 66.2  |
| 67       | 66.4  | 59.7  | 89.5  |
| 52       | 31.4  | 24.2  | 36.2  |



#42  
1,2-Dichloroethane  
Concen: 49.061 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 98858 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 18.8  |

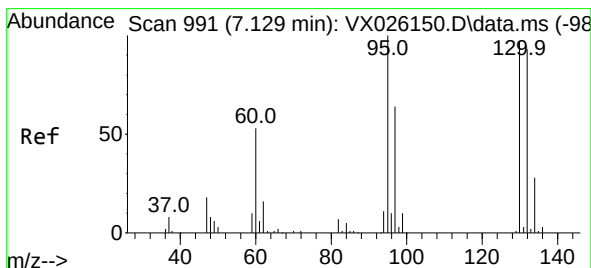
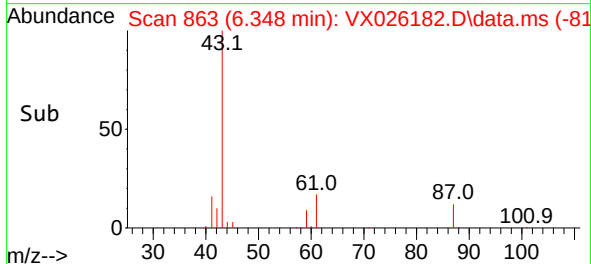
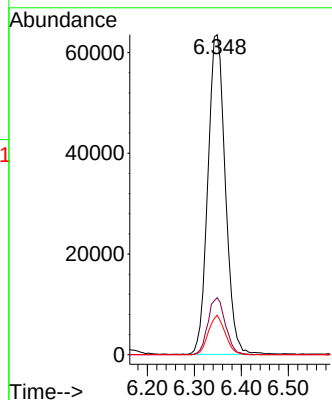
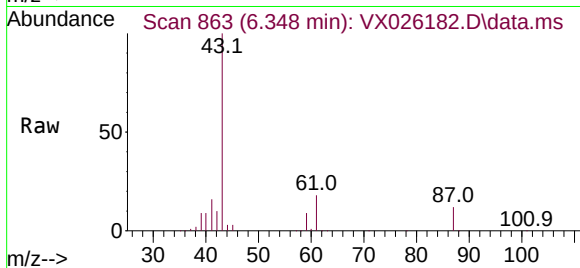




#43  
Isopropyl Acetate  
Concen: 49.619 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

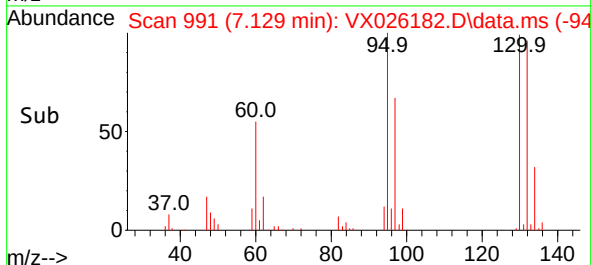
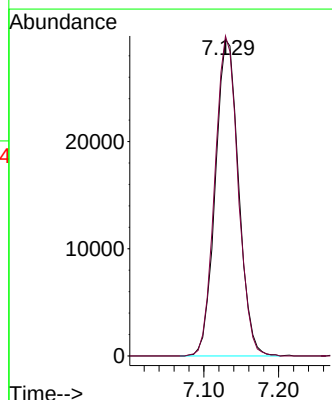
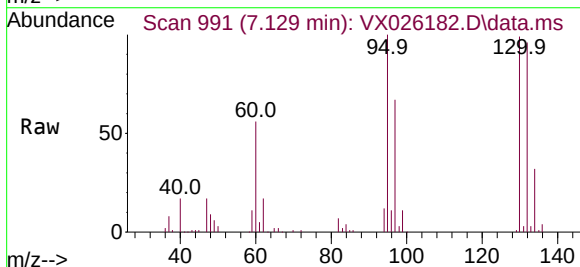
Instrument :  
MSVOA\_X  
ClientSampleId :

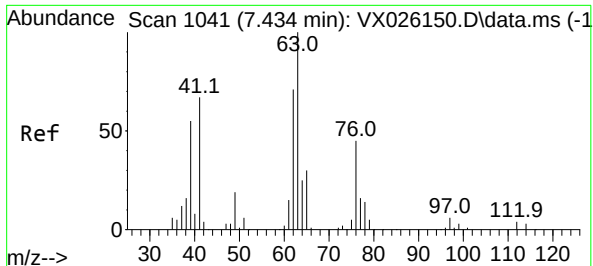
Tgt Ion: 43 Resp: 163580  
Ion Ratio Lower Upper  
43 100  
61 17.8 15.7 23.5  
87 11.8 11.2 16.8



#44  
Trichloroethene  
Concen: 47.760 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion:130 Resp: 63986  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 186.4

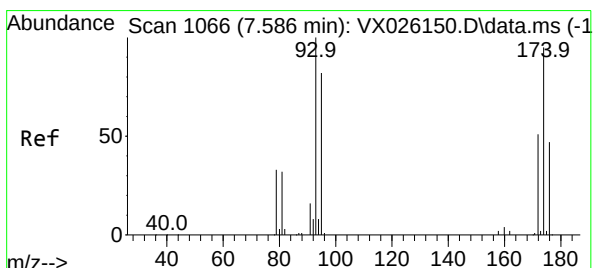
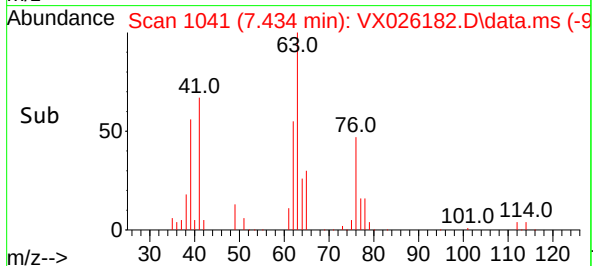
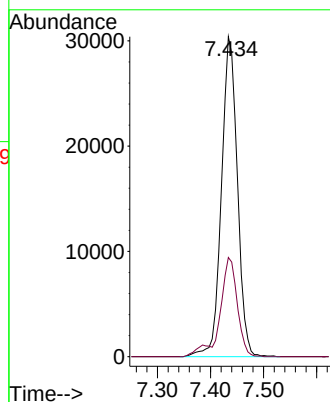
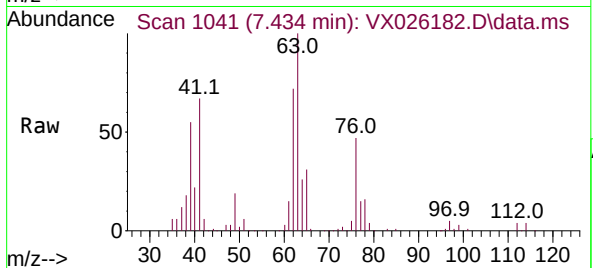




#45  
1,2-Dichloropropane  
Concen: 49.819 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

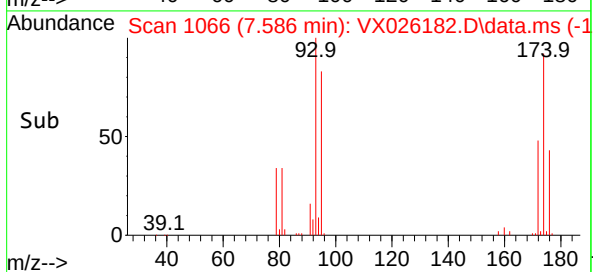
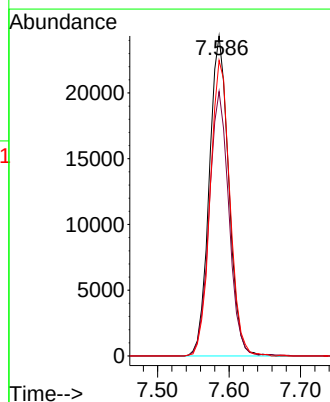
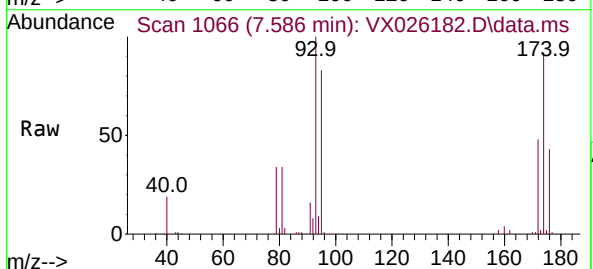
Instrument :  
MSVOA\_X  
ClientSampleId :

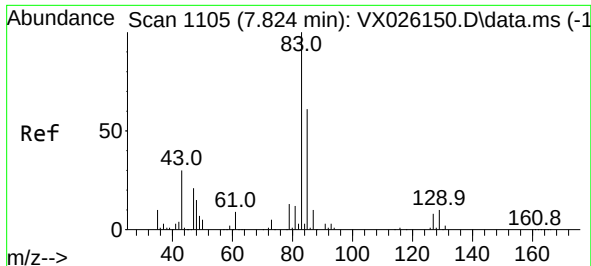
Tgt Ion: 63 Resp: 63445  
Ion Ratio Lower Upper  
63 100  
65 31.0 25.8 38.6



#46  
Dibromomethane  
Concen: 48.760 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 93 Resp: 46060  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.6 100.0  
174 93.0 77.3 115.9

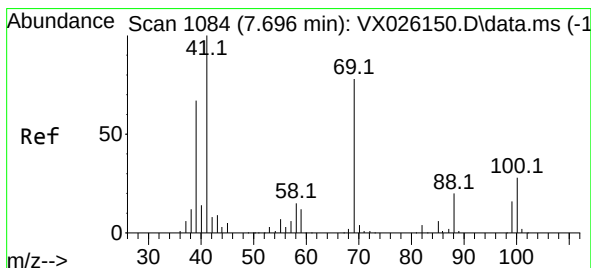
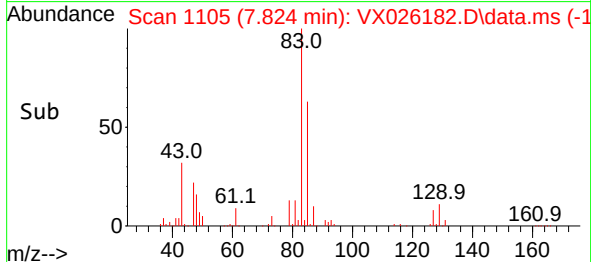
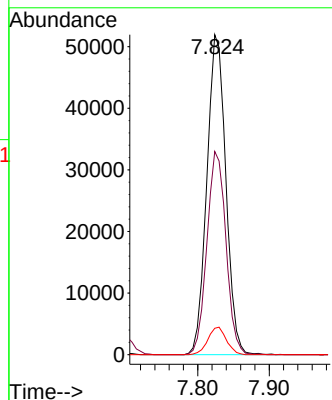
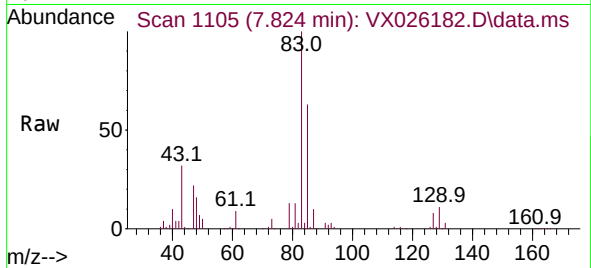




#47  
Bromodichloromethane  
Concen: 49.897 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

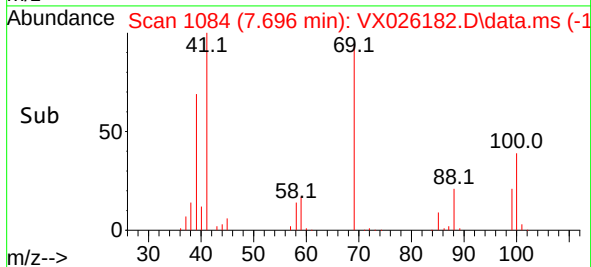
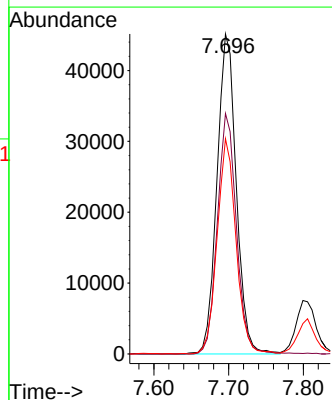
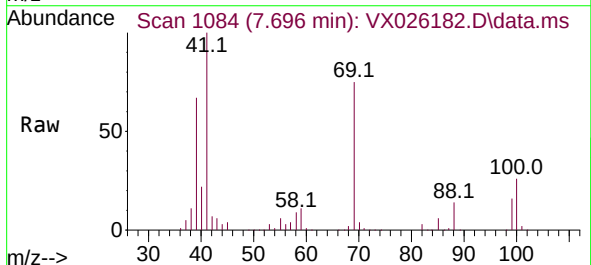
Instrument :  
MSVOA\_X  
ClientSampleId :

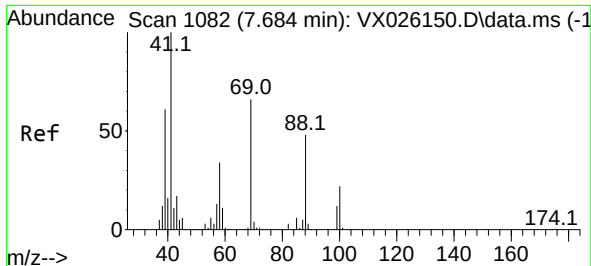
Tgt Ion: 83 Resp: 95894  
Ion Ratio Lower Upper  
83 100  
85 63.5 53.5 80.3  
127 8.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.327 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 41 Resp: 81153  
Ion Ratio Lower Upper  
41 100  
69 74.3 67.3 100.9  
39 66.0 50.2 75.2





#49

1,4-Dioxane

Concen: 934.554 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. -0.006 min

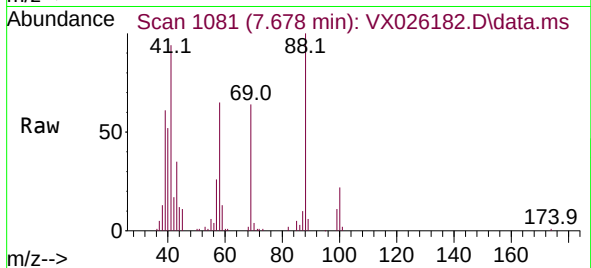
Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

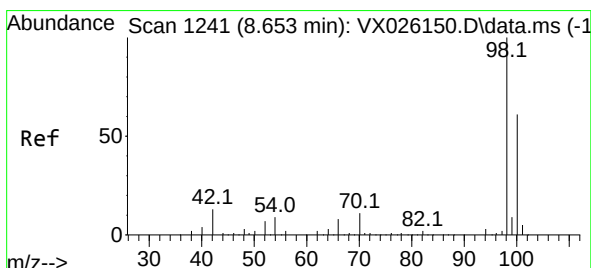
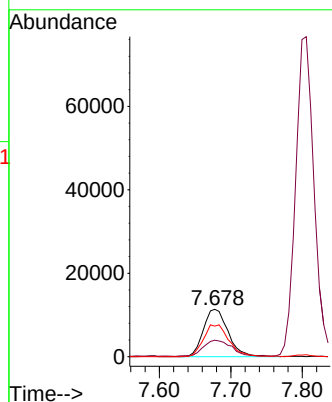
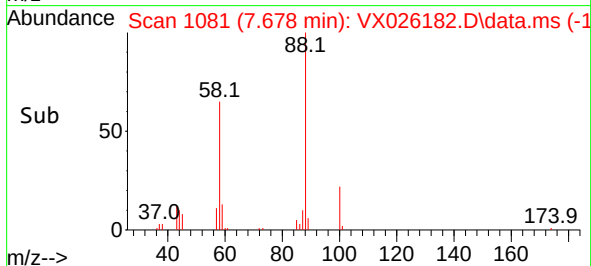
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 27230 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 38.4  | 25.3  | 37.9# |
| 58       | 69.8  | 51.8  | 77.6  |



#50

Toluene-d8

Concen: 49.288 ug/l

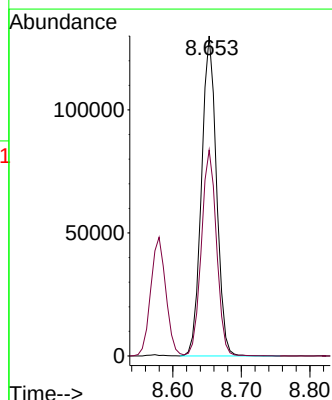
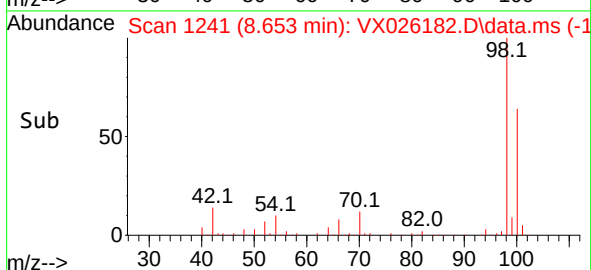
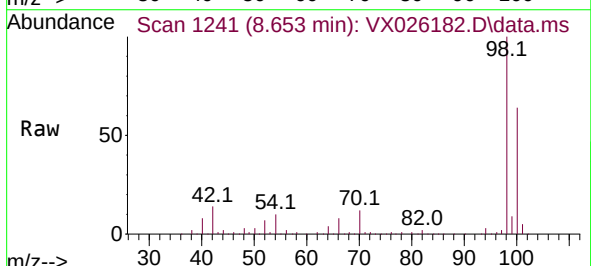
RT: 8.653 min Scan# 1241

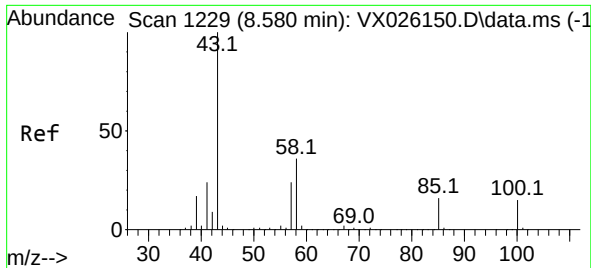
Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 198298 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.0  | 52.6  | 78.8   |

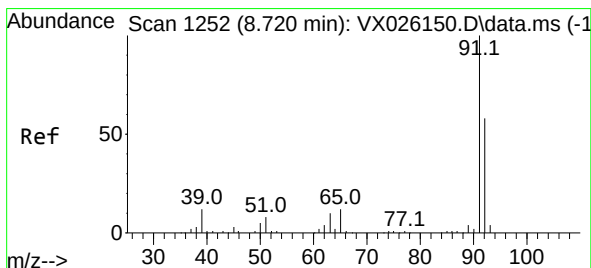
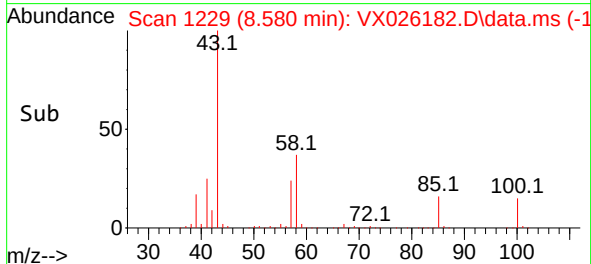
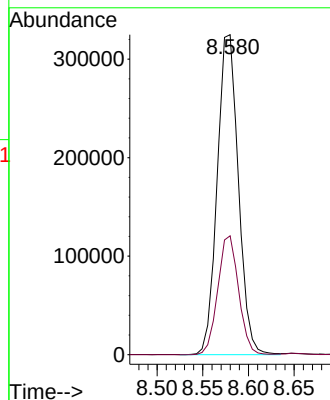
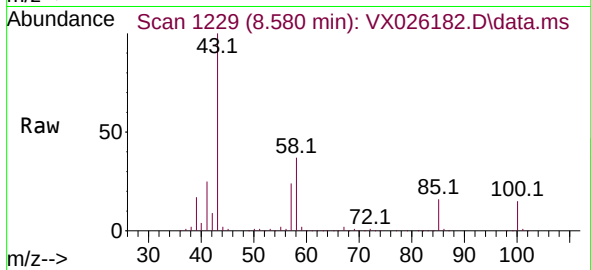




#51  
4-Methyl-2-Pentanone  
Concen: 255.105 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

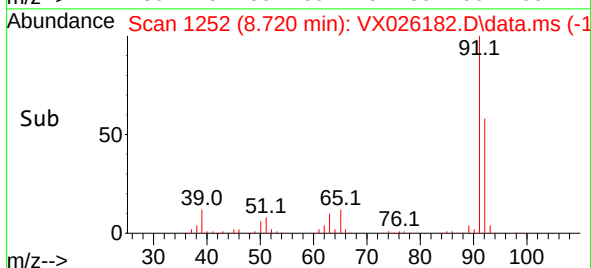
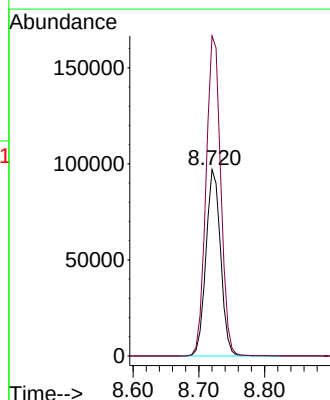
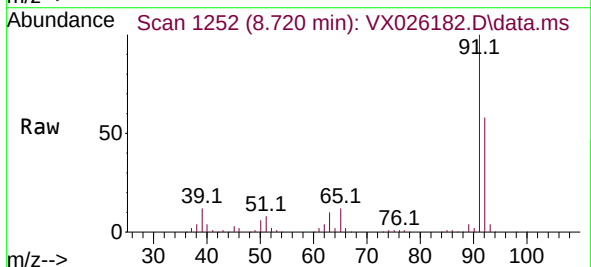
Instrument :  
MSVOA\_X  
ClientSampleId :

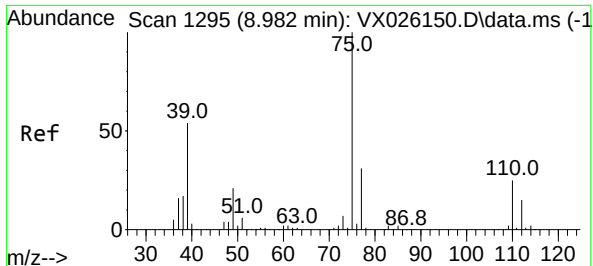
Tgt Ion: 43 Resp: 523367  
Ion Ratio Lower Upper  
43 100  
58 36.6 30.8 46.2



#52  
Toluene  
Concen: 48.901 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 92 Resp: 149889  
Ion Ratio Lower Upper  
92 100  
91 173.0 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 47.349 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

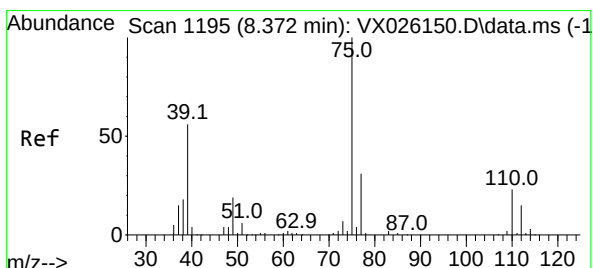
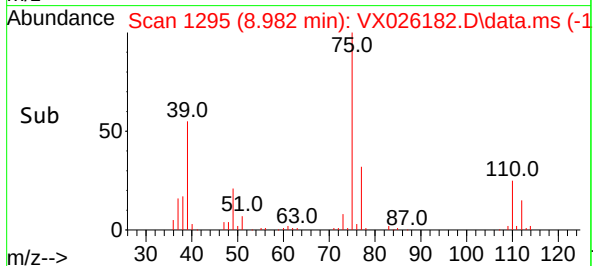
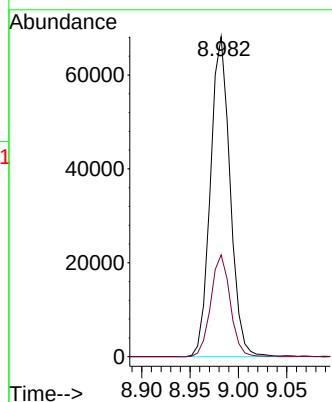
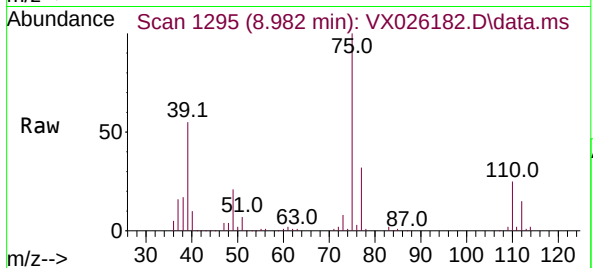
ClientSampleId :

Tgt Ion: 75 Resp: 96566

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.742 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

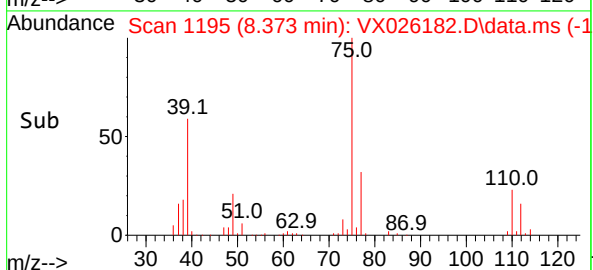
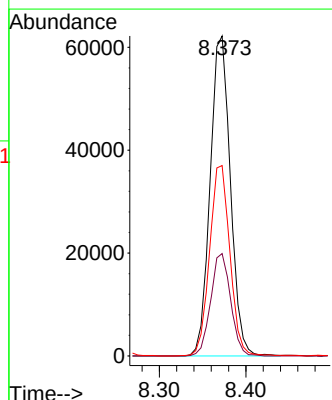
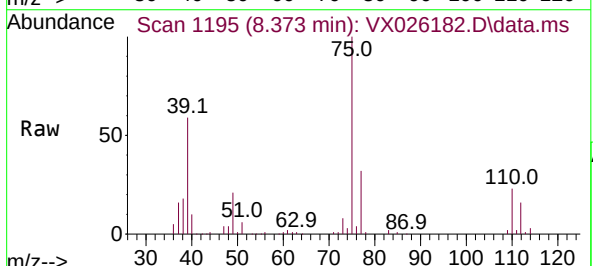
Tgt Ion: 75 Resp: 101039

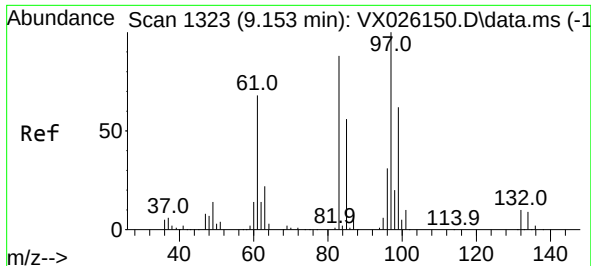
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

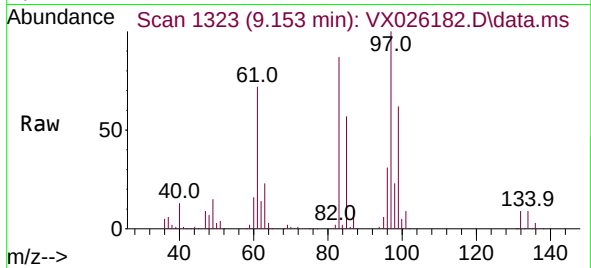
39 59.4 41.4 62.0



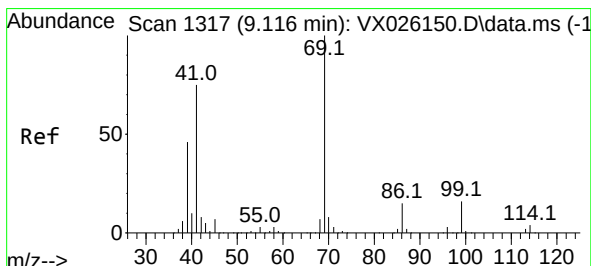
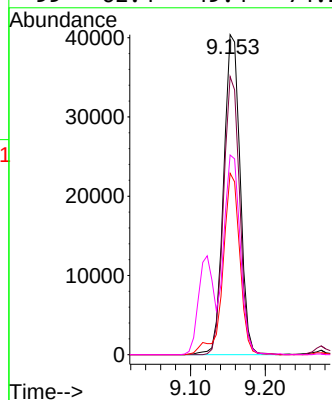
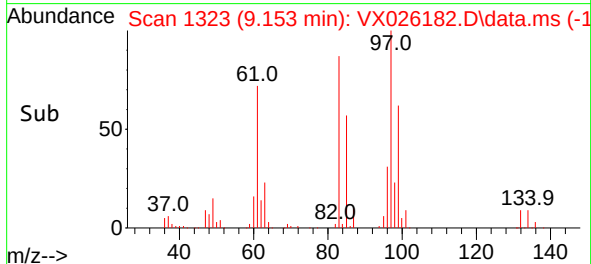


#55  
1,1,2-Trichloroethane  
Concen: 49.092 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

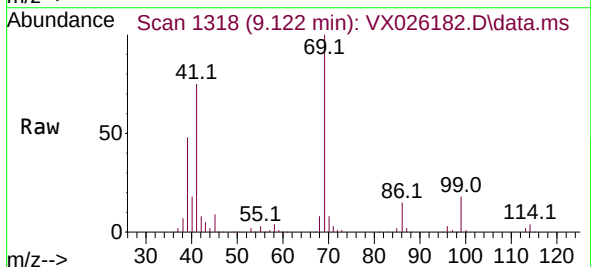
Instrument :  
MSVOA\_X  
ClientSampleId :



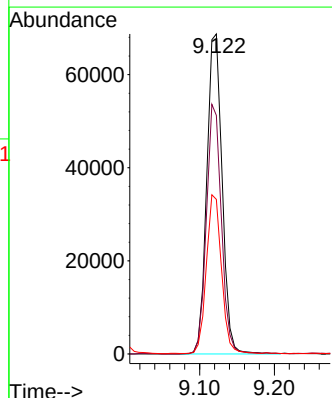
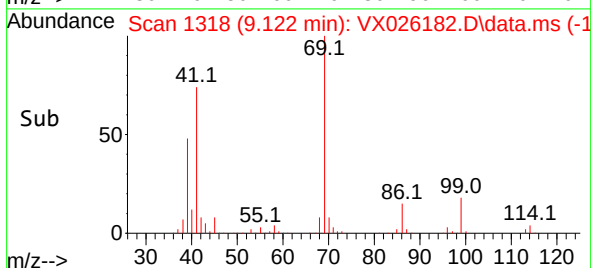
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 61844 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.9     | 70.5 105.7  |
| 85 56.7     | 43.8 65.6   |
| 99 62.4     | 49.4 74.2   |



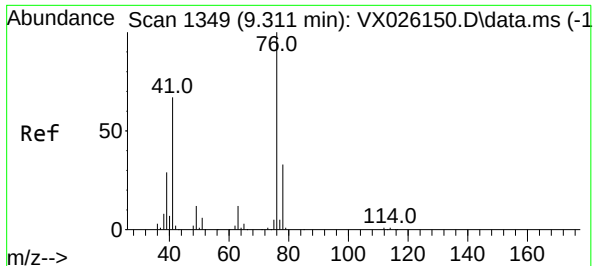
#56  
Ethyl methacrylate  
Concen: 50.509 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40



|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 98135 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 76.6     | 52.8 79.2   |
| 39 48.8     | 32.5 48.7#  |







#57

1,3-Dichloropropane

Concen: 49.206 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

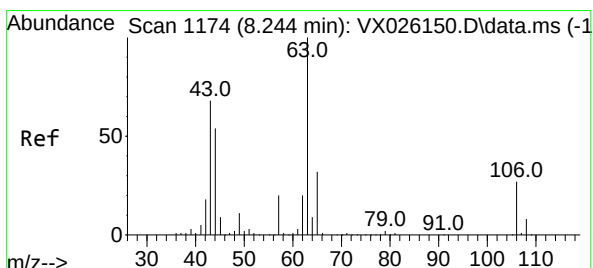
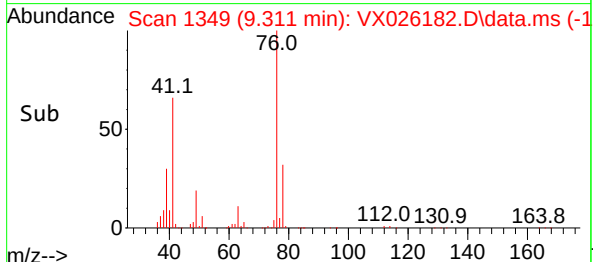
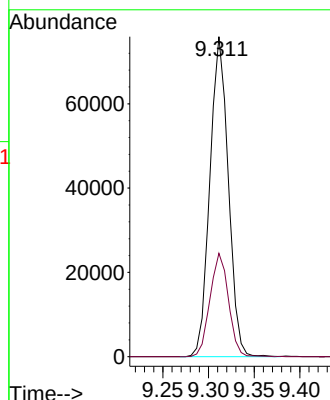
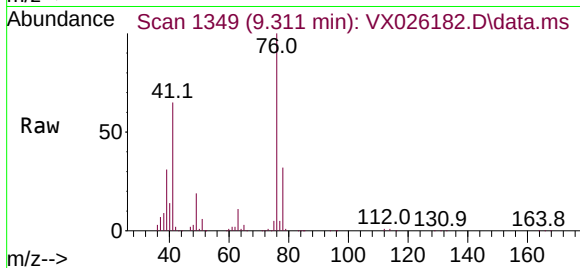
ClientSampleId :

Tgt Ion: 76 Resp: 106182

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 250.633 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX026182.D

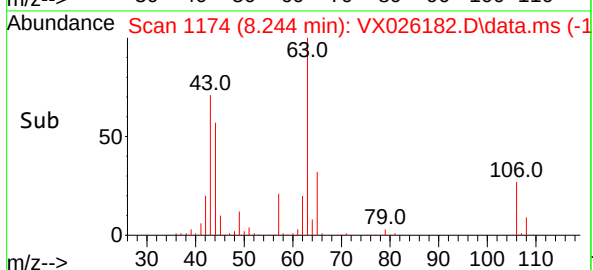
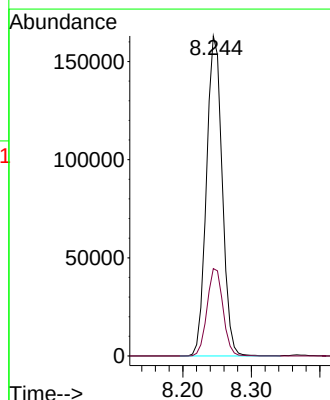
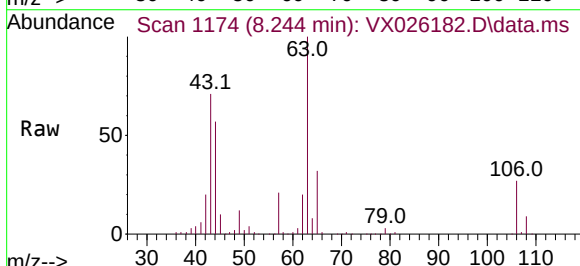
Acq: 30 Dec 2021 20:40

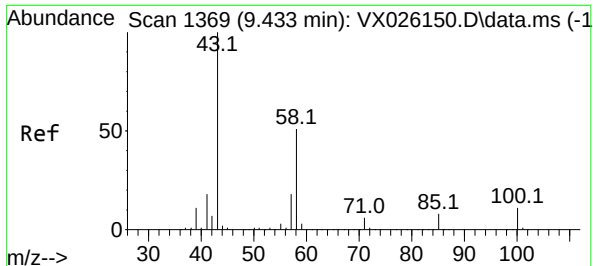
Tgt Ion: 63 Resp: 260347

Ion Ratio Lower Upper

63 100

106 27.6 24.4 36.6

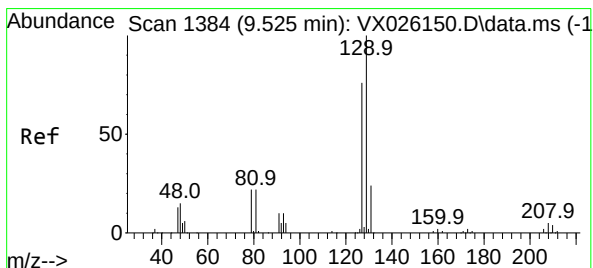
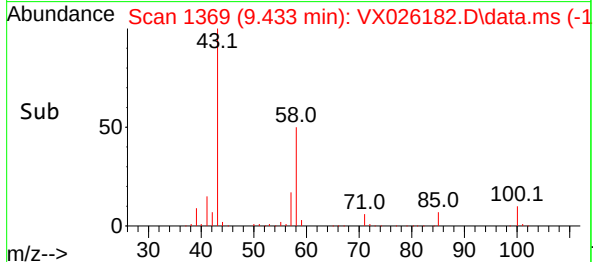
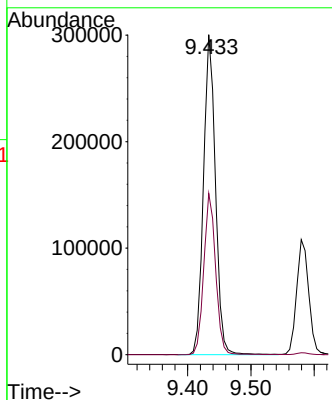
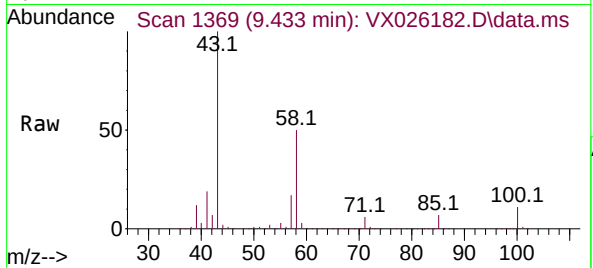




#59  
2-Hexanone  
Concen: 254.660 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

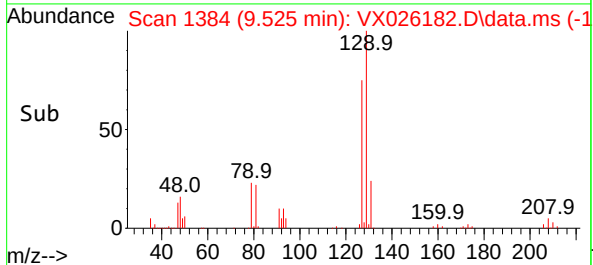
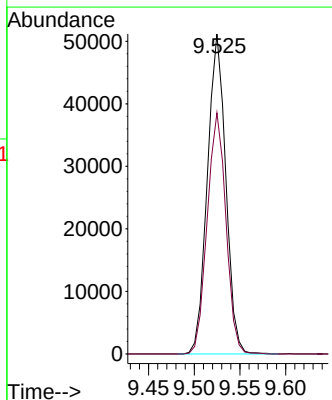
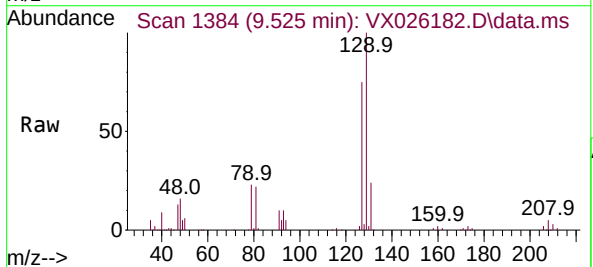
Instrument :  
MSVOA\_X  
ClientSampleId :

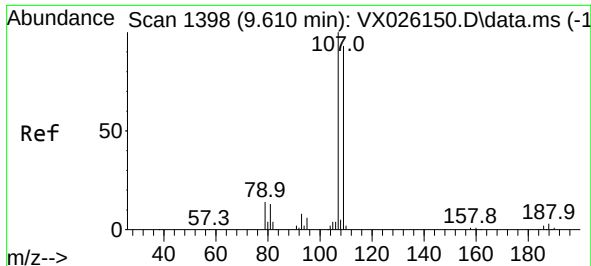
Tgt Ion: 43 Resp: 395750  
Ion Ratio Lower Upper  
43 100  
58 49.9 26.9 80.6



#60  
Dibromochloromethane  
Concen: 50.118 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion:129 Resp: 71523  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 115.7

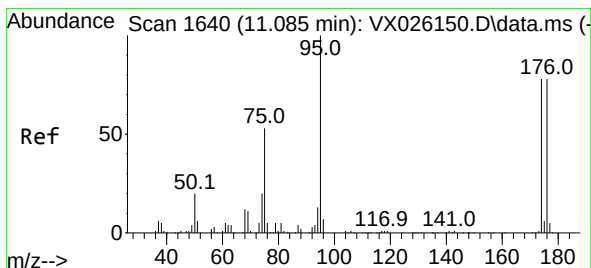
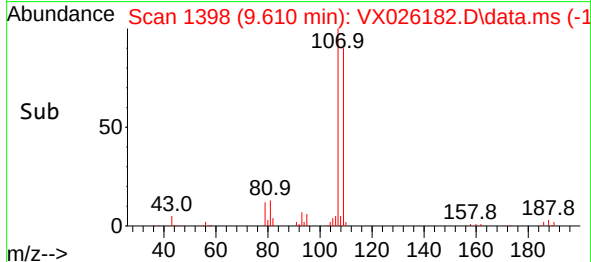
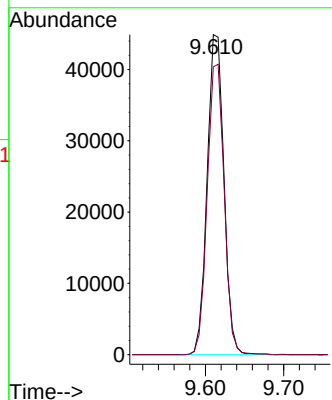
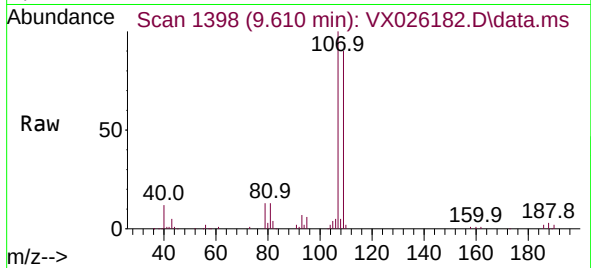




#61  
1,2-Dibromoethane  
Concen: 49.417 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

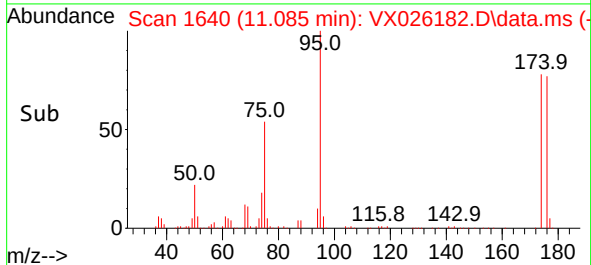
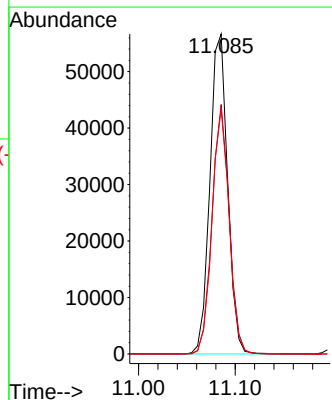
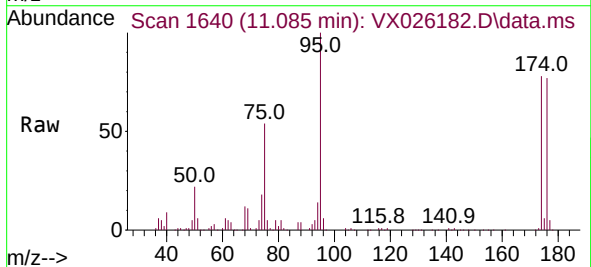
Instrument :  
MSVOA\_X  
ClientSampleId :

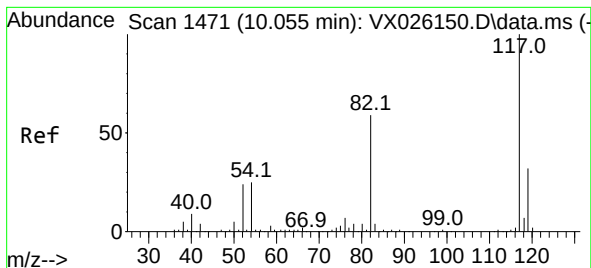
Tgt Ion:107 Resp: 66609  
Ion Ratio Lower Upper  
107 100  
109 91.7 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 50.367 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 95 Resp: 72137  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 157.4  
176 73.7 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

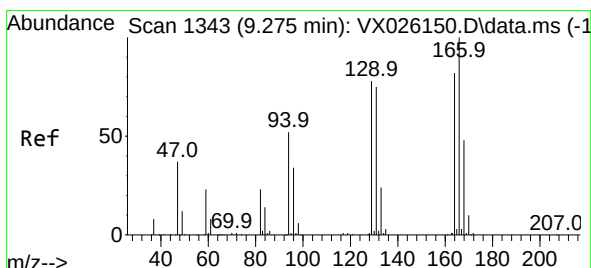
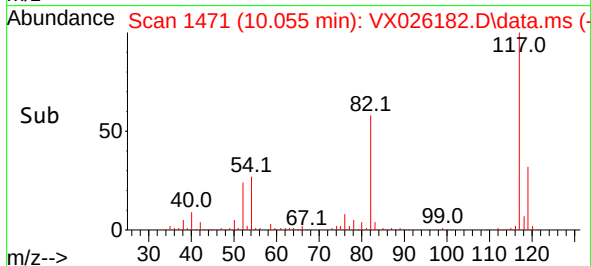
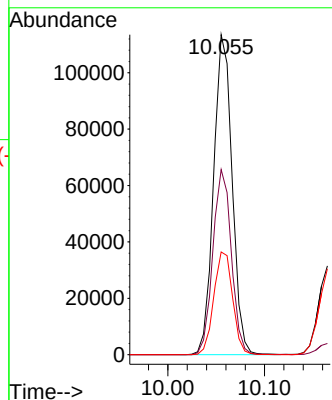
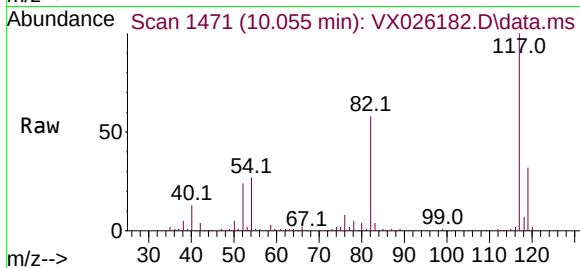
Tgt Ion:117 Resp: 150770

Ion Ratio Lower Upper

117 100

82 57.8 43.8 65.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 45.413 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Tgt Ion:164 Resp: 57780

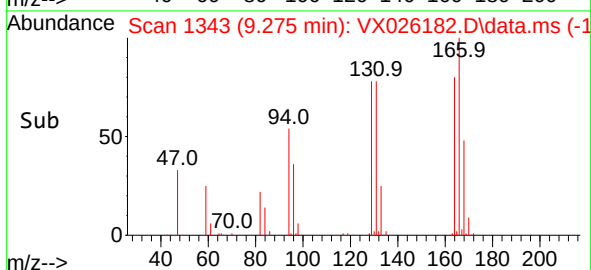
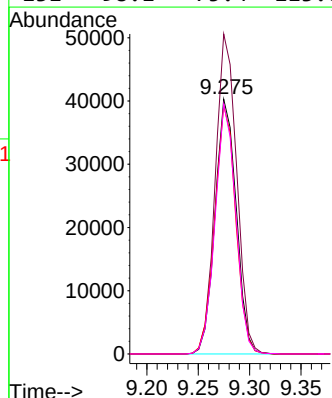
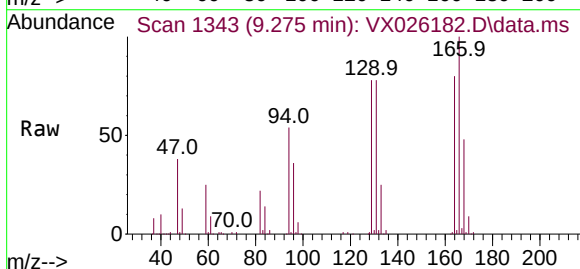
Ion Ratio Lower Upper

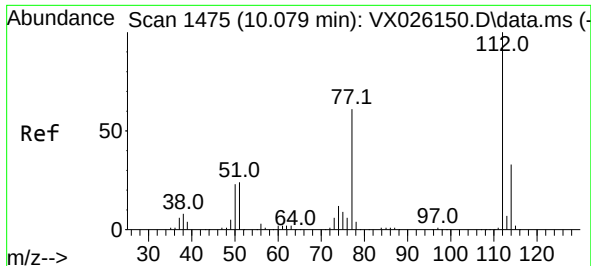
164 100

166 125.6 99.4 149.0

129 97.5 78.6 118.0

131 98.1 75.4 113.0





#65

Chlorobenzene

Concen: 47.391 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

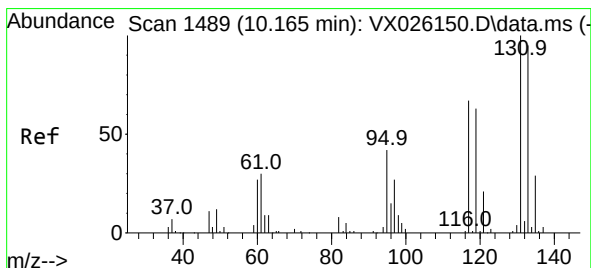
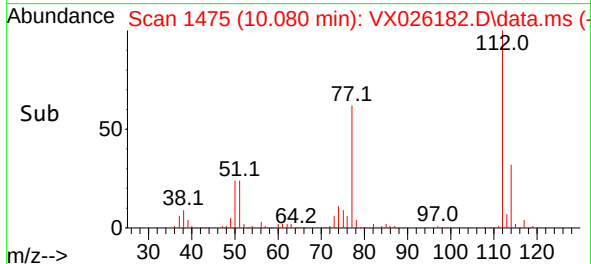
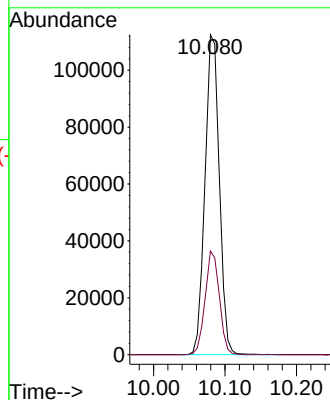
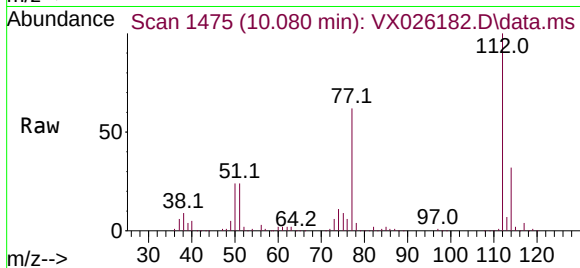
ClientSampleId :

Tgt Ion:112 Resp: 156961

Ion Ratio Lower Upper

112 100

114 32.4 26.6 39.8



#66

1,1,1,2-Tetrachloroethane

Concen: 50.030 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

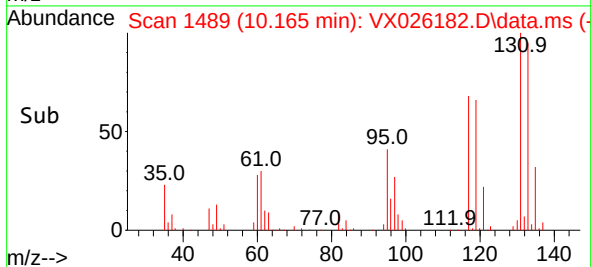
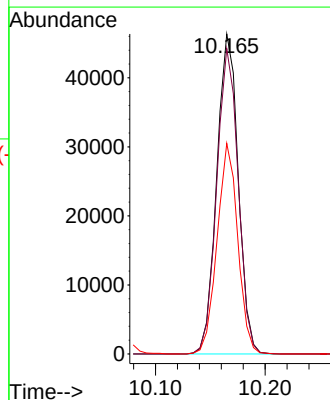
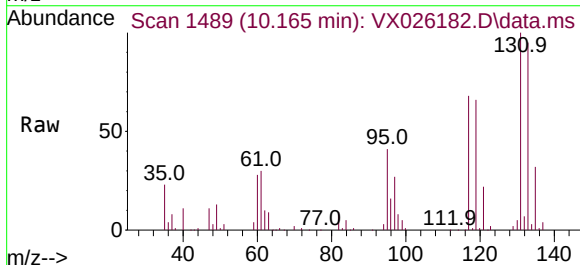
Tgt Ion:131 Resp: 63141

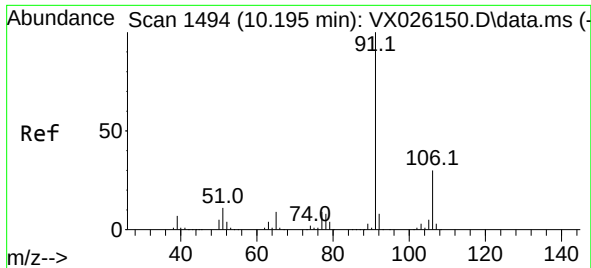
Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.3

119 63.4 31.9 95.9

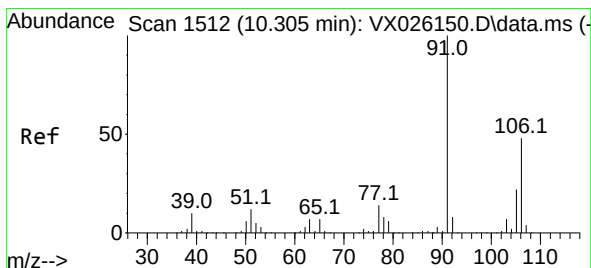
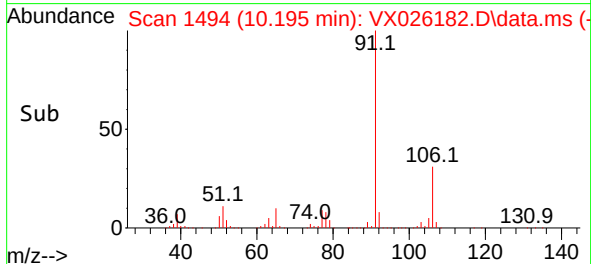
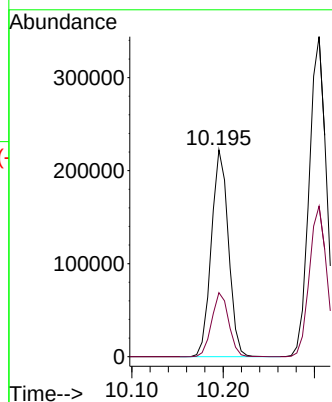
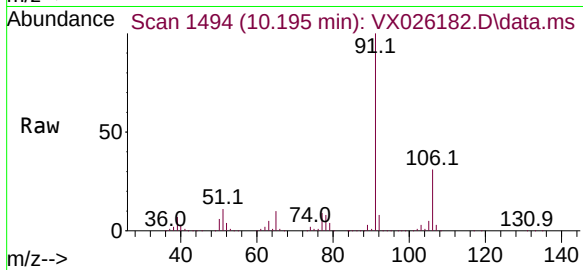




#67  
Ethyl Benzene  
Concen: 48.616 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

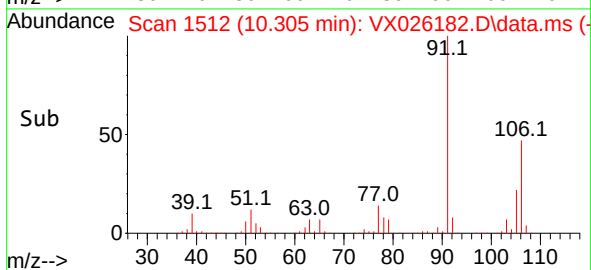
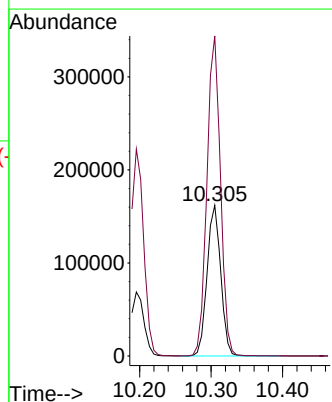
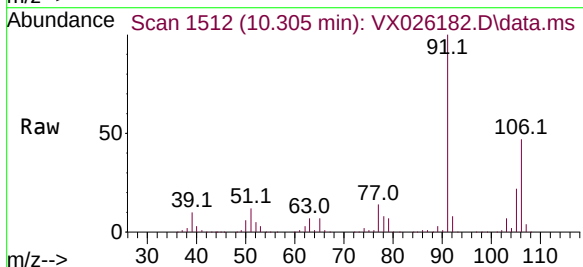
Instrument :  
MSVOA\_X  
ClientSampleId :

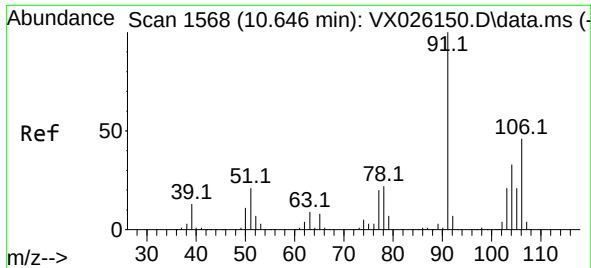
Tgt Ion: 91 Resp: 287911  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 96.937 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 106 Resp: 214349  
Ion Ratio Lower Upper  
106 100  
91 211.1 158.6 238.0

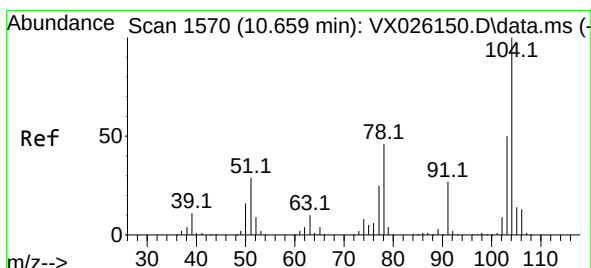
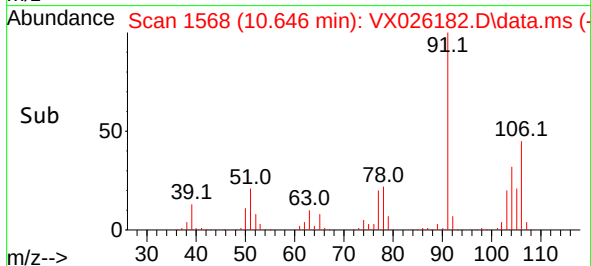
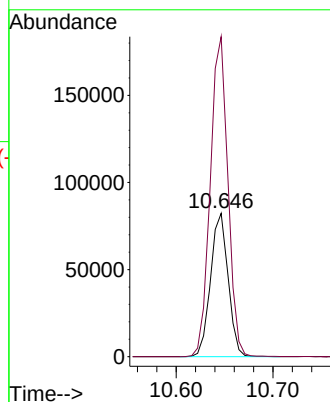
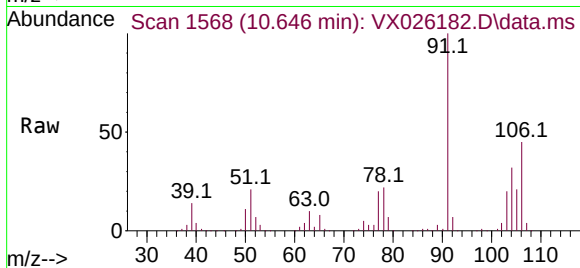




#69  
o-Xylene  
Concen: 48.012 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

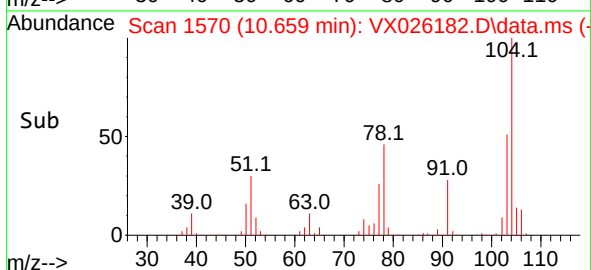
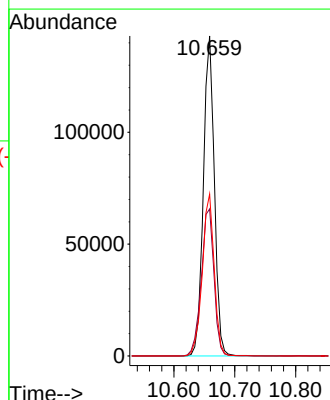
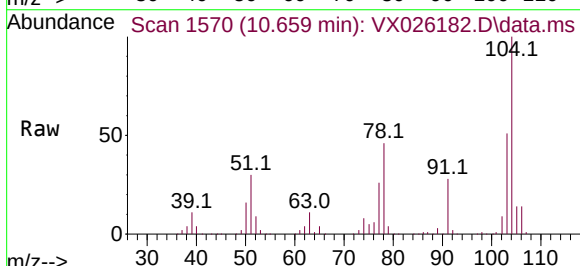
Instrument :  
MSVOA\_X  
ClientSampleId :

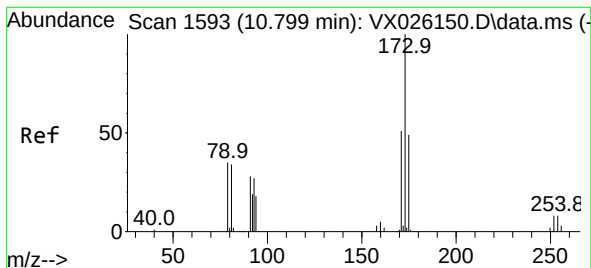
Tgt Ion:106 Resp: 103876  
Ion Ratio Lower Upper  
106 100  
91 224.3 105.5 316.4



#70  
Styrene  
Concen: 50.762 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion:104 Resp: 180042  
Ion Ratio Lower Upper  
104 100  
78 53.2 39.8 59.6  
103 54.8 43.0 64.6





#71

Bromoform

Concen: 50.639 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX026182.D

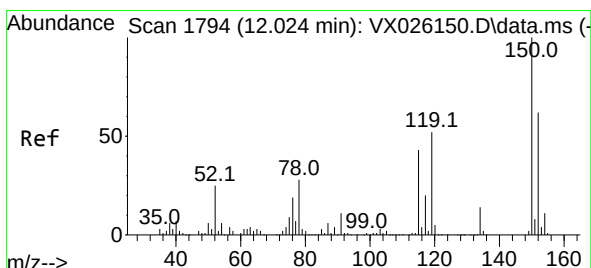
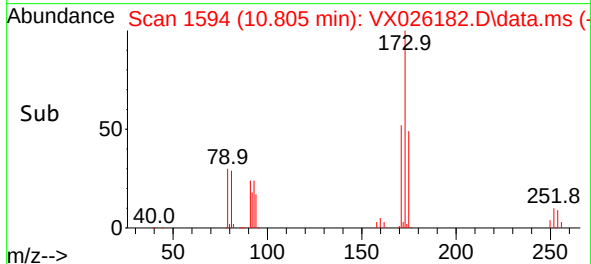
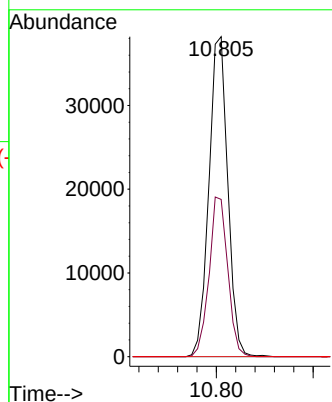
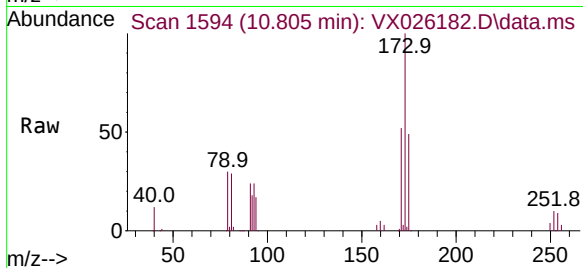
Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 51846     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.4  | 24.4 73.4 |
| 254         | 0.0   | 0.1 0.1#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

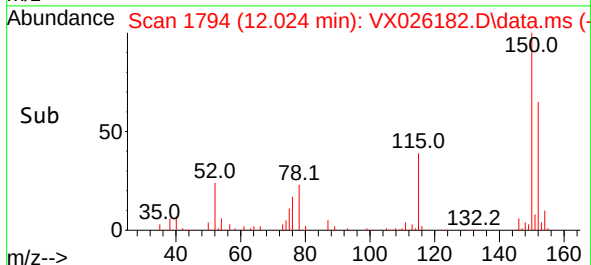
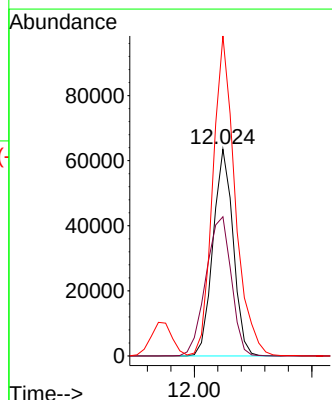
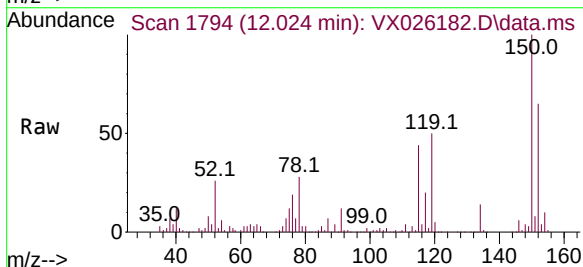
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

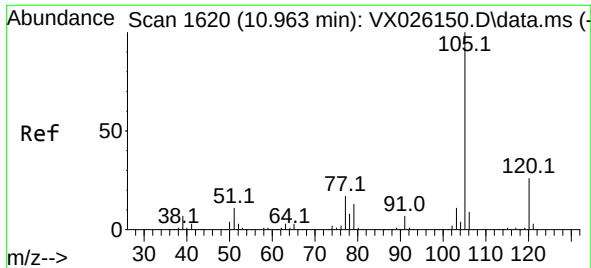
Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 75447      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 85.1  | 41.3 123.9 |
| 150         | 171.3 | 0.0 351.8  |



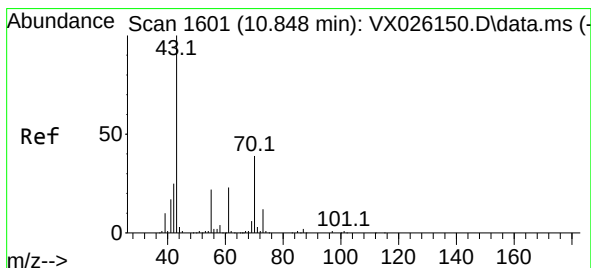
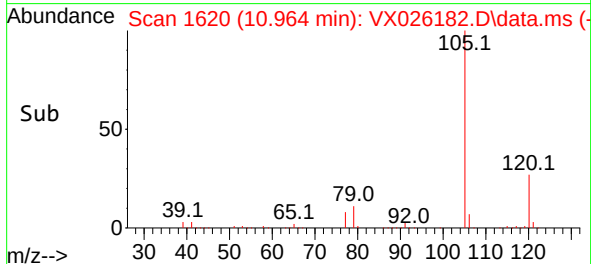
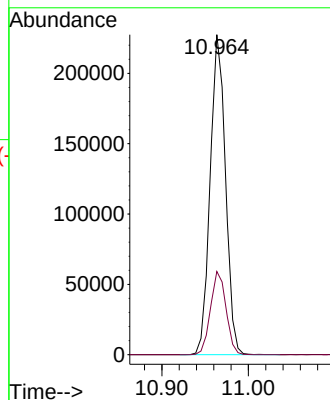
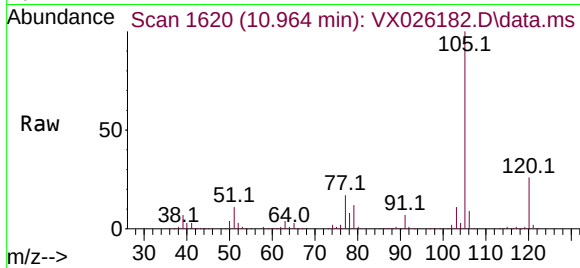




#73  
Isopropylbenzene  
Concen: 47.689 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

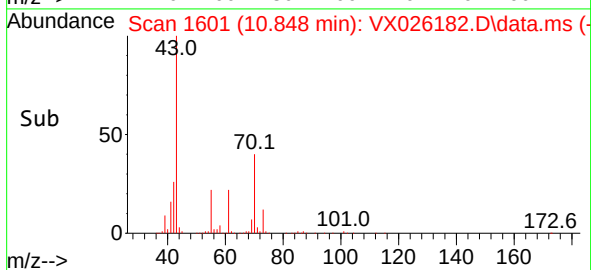
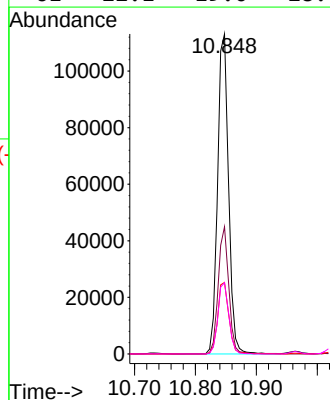
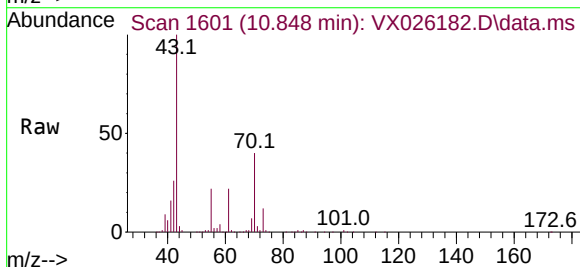
Instrument :  
MSVOA\_X  
ClientSampleId :

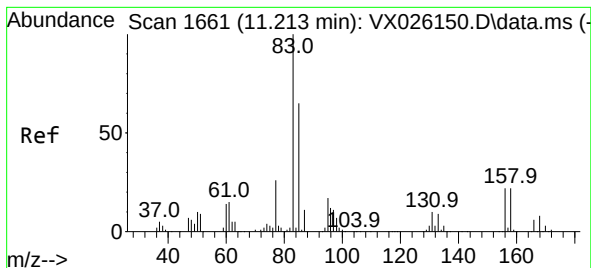
Tgt Ion:105 Resp: 279674  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.6 40.7



#74  
N-ethyl acetate  
Concen: 52.254 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 43 Resp: 140714  
Ion Ratio Lower Upper  
43 100  
70 38.2 34.1 51.1  
55 22.9 19.2 28.8  
61 22.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.078 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

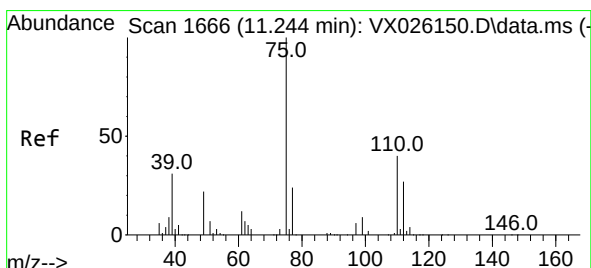
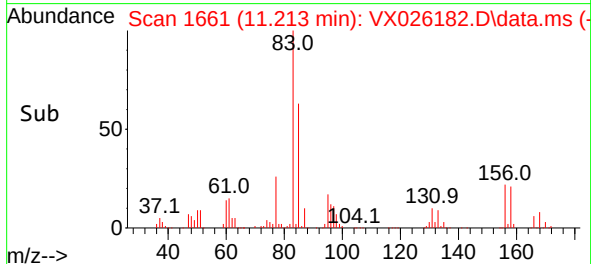
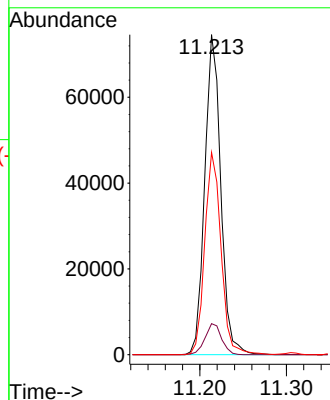
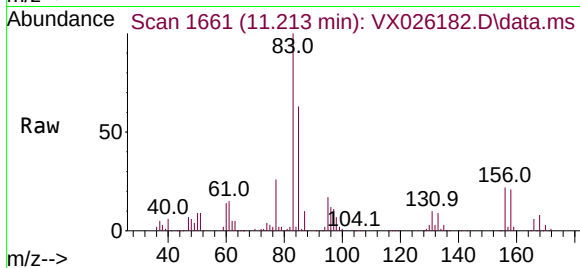
Tgt Ion: 83 Resp: 95891

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.3 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 60.364 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX026182.D

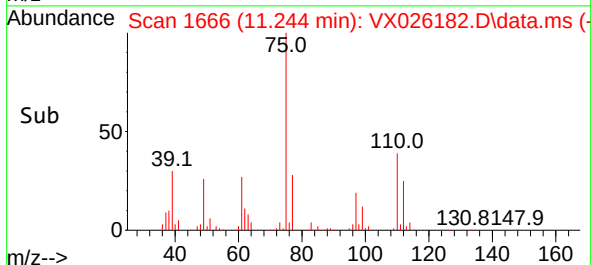
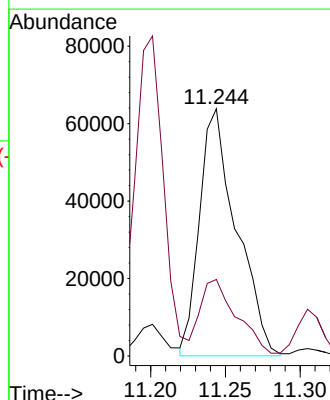
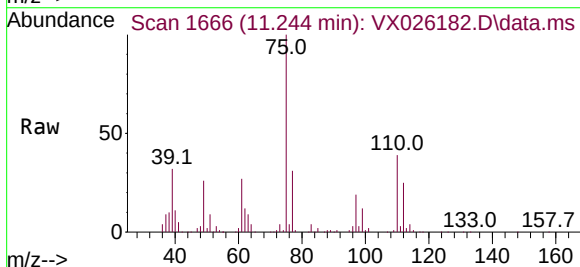
Acq: 30 Dec 2021 20:40

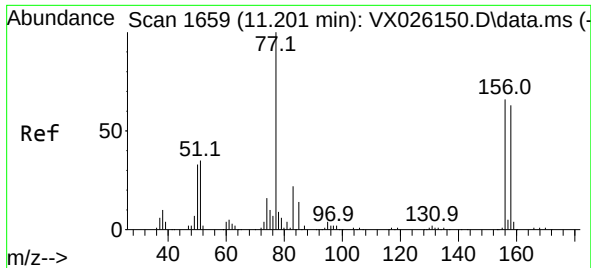
Tgt Ion: 75 Resp: 109930

Ion Ratio Lower Upper

75 100

77 30.7 19.0 57.0

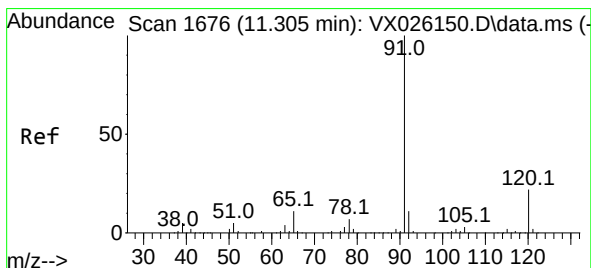
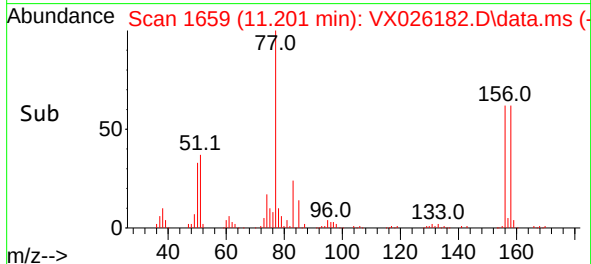
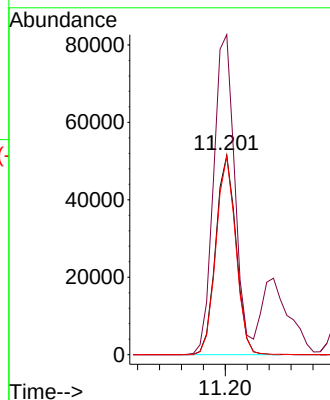
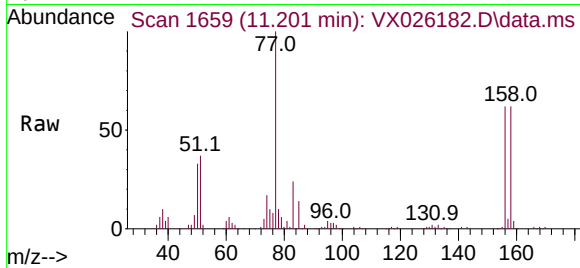




#77  
Bromobenzene  
Concen: 47.743 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

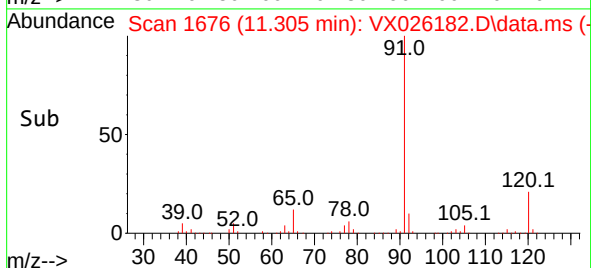
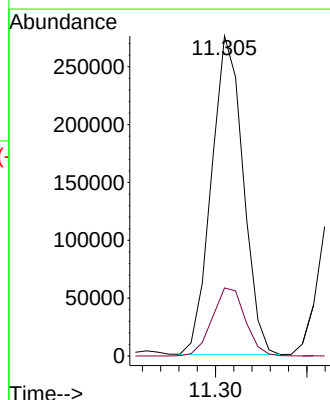
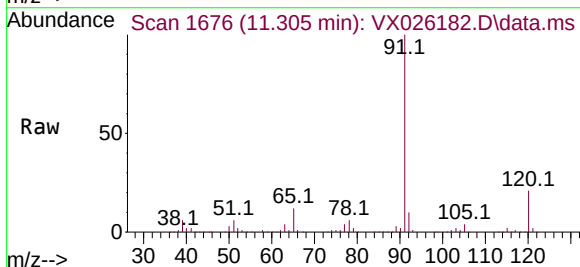
Instrument :  
MSVOA\_X  
ClientSampleId :

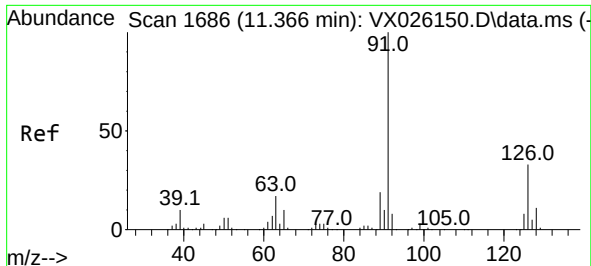
Tgt Ion:156 Resp: 66400  
Ion Ratio Lower Upper  
156 100  
77 167.5 78.2 234.6  
158 97.3 48.6 145.9



#78  
n-propylbenzene  
Concen: 49.368 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 91 Resp: 332878  
Ion Ratio Lower Upper  
91 100  
120 22.2 12.0 36.1

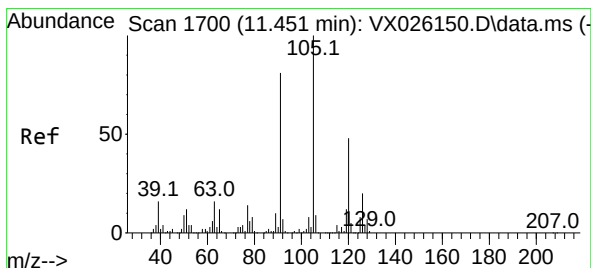
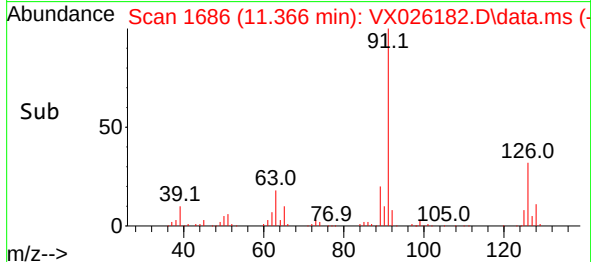
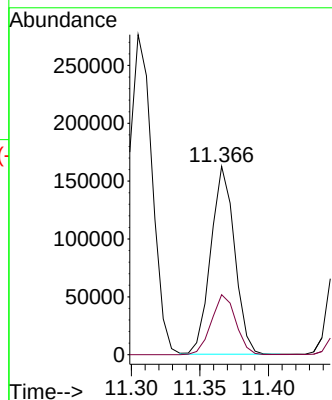
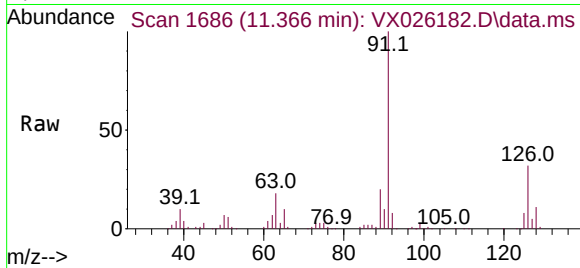




#79  
2-Chlorotoluene  
Concen: 47.292 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

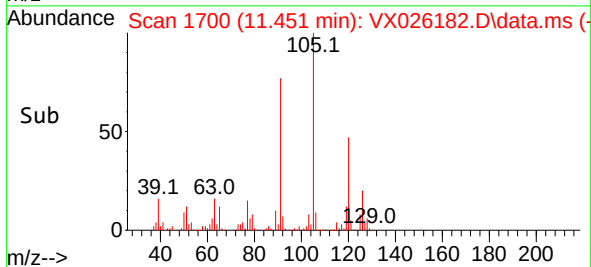
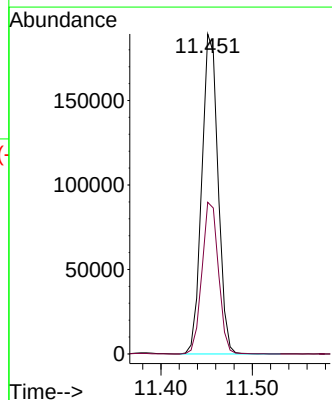
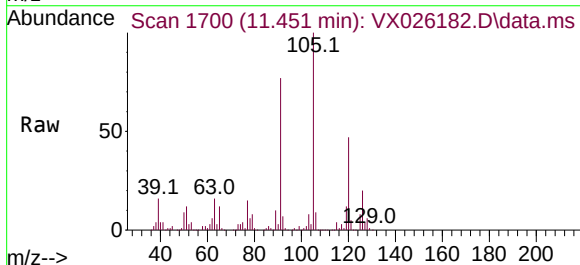
Instrument :  
MSVOA\_X  
ClientSampleId :

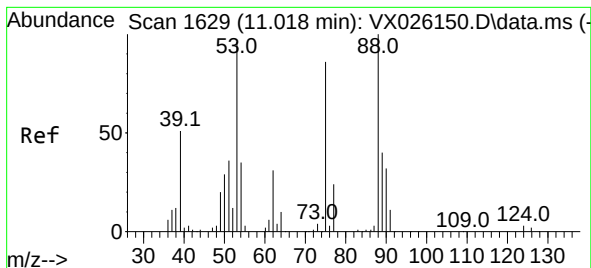
Tgt Ion: 91 Resp: 196289  
Ion Ratio Lower Upper  
91 100  
126 32.8 17.8 53.3



#80  
1,3,5-Trimethylbenzene  
Concen: 48.003 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 105 Resp: 233620  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.9 74.7

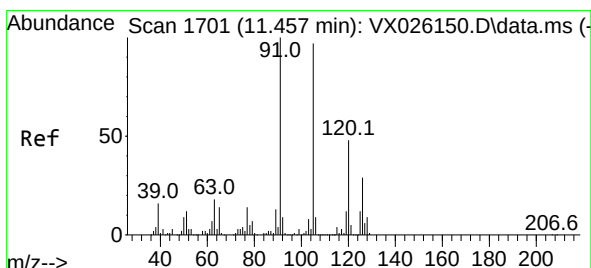
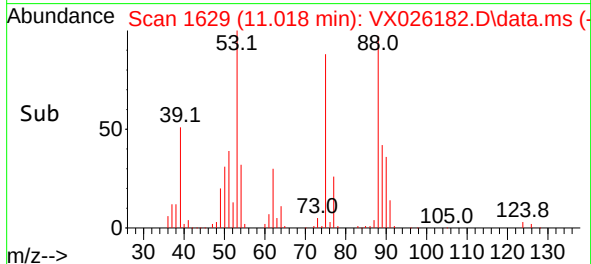
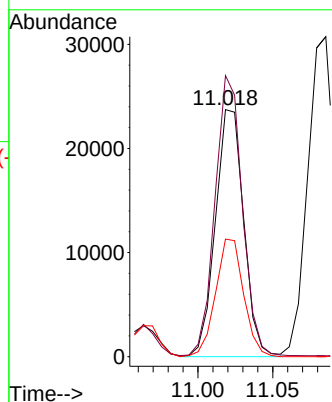
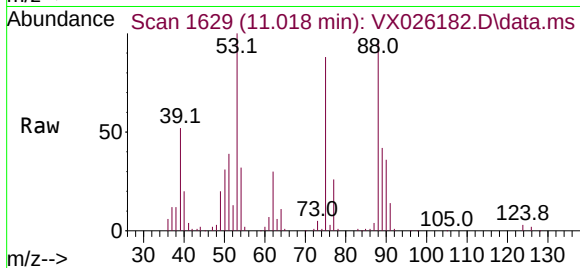




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.695 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

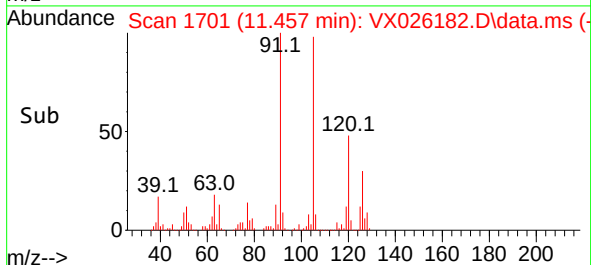
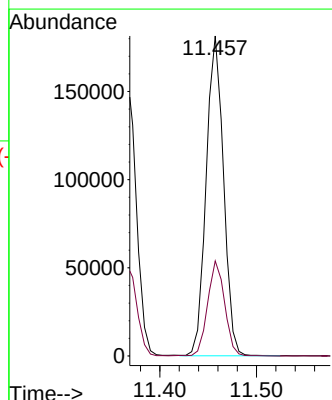
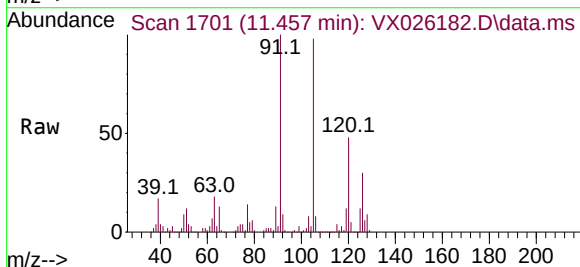
Instrument :  
MSVOA\_X  
ClientSampleId :

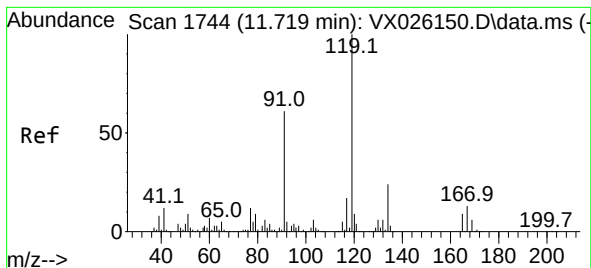
Tgt Ion: 75 Resp: 31282  
Ion Ratio Lower Upper  
75 100  
53 109.3 79.5 119.3  
89 47.1 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 48.337 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion: 91 Resp: 226582  
Ion Ratio Lower Upper  
91 100  
126 29.2 15.6 46.7





#83

tert-Butylbenzene

Concen: 48.114 ug/l

RT: 11.719 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

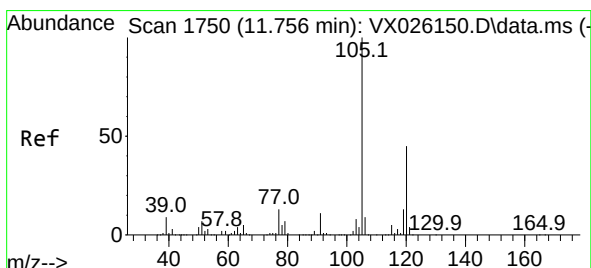
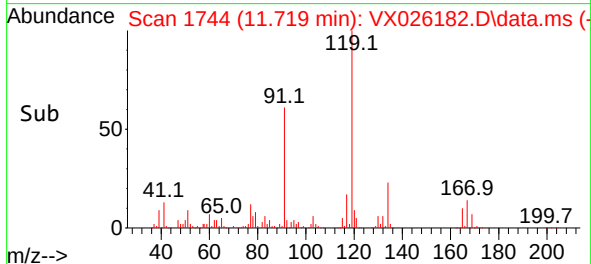
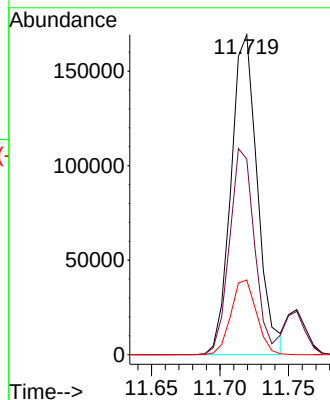
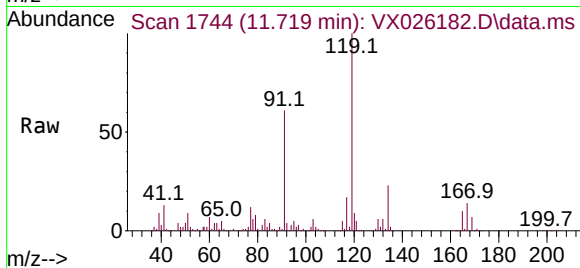
Tgt Ion:119 Resp: 227282

Ion Ratio Lower Upper

119 100

91 61.0 28.7 86.1

134 22.7 11.9 35.9



#84

1,2,4-Trimethylbenzene

Concen: 48.783 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026182.D

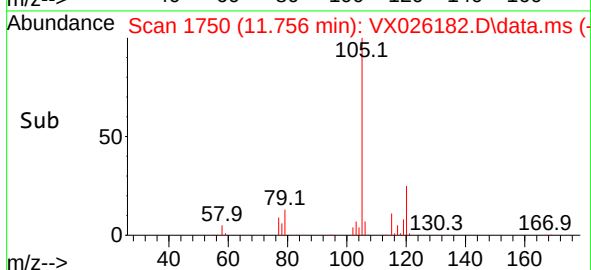
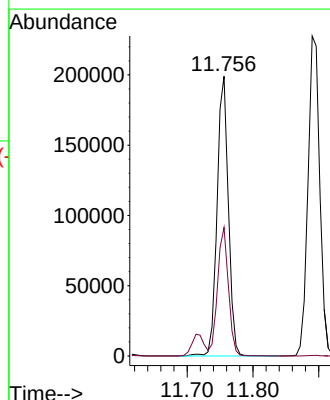
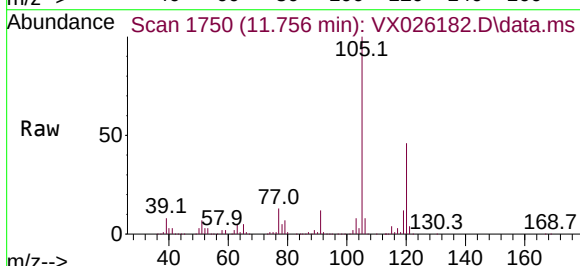
Acq: 30 Dec 2021 20:40

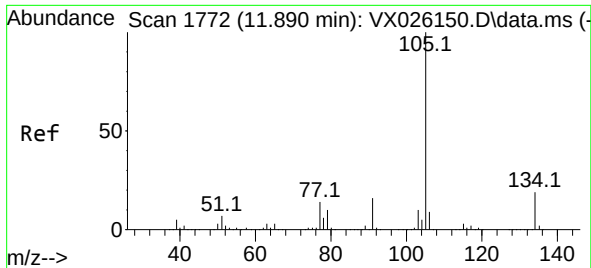
Tgt Ion:105 Resp: 237228

Ion Ratio Lower Upper

105 100

120 44.3 22.9 68.7

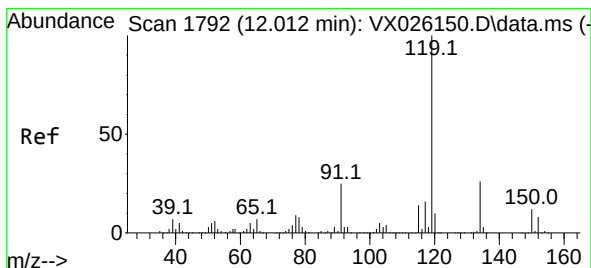
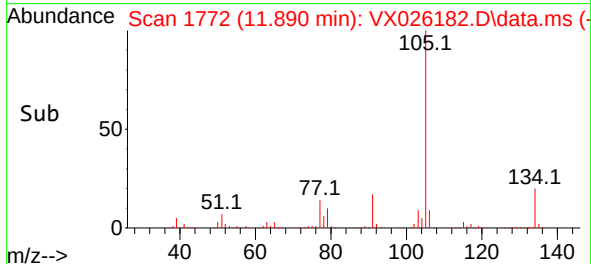
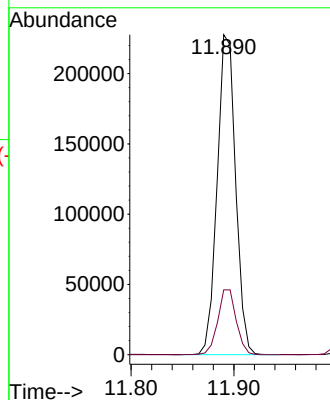
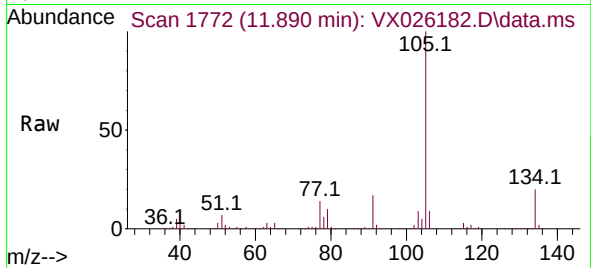




#85  
 sec-Butylbenzene  
 Concen: 48.064 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

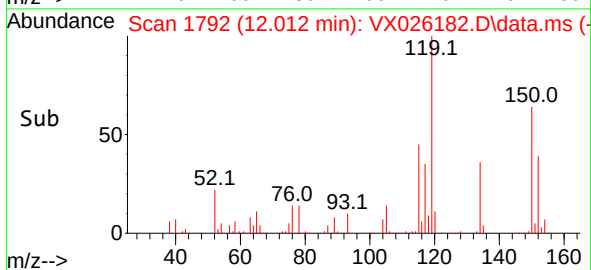
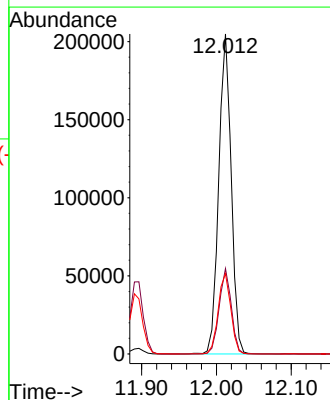
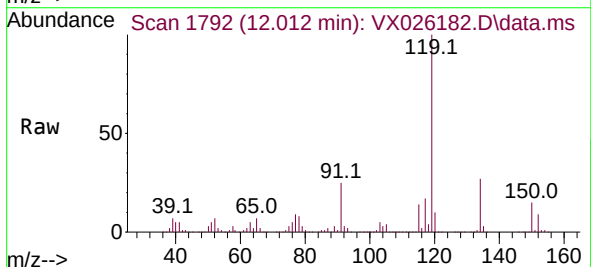
Instrument :  
 MSVOA\_X  
 ClientSampleId :

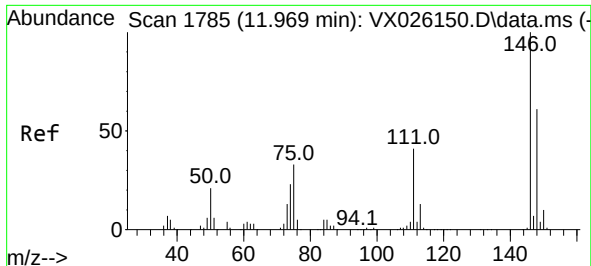
Tgt Ion:105 Resp: 283334  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 48.292 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX026182.D  
 Acq: 30 Dec 2021 20:40

Tgt Ion:119 Resp: 237322  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.6  
 91 25.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.653 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

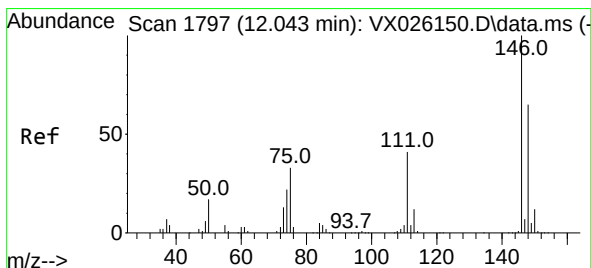
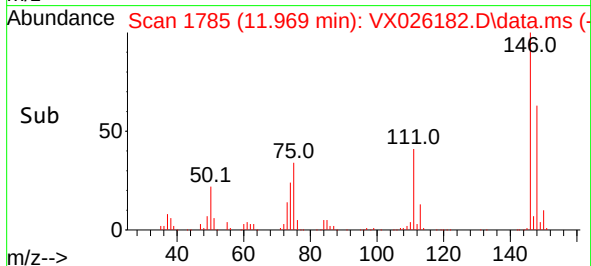
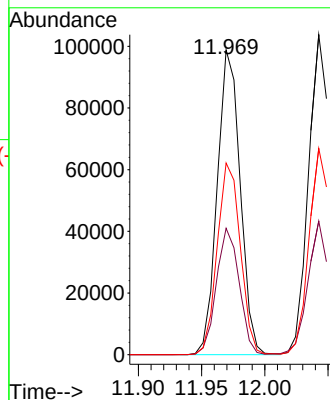
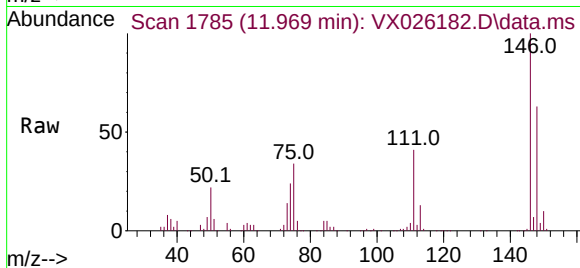
Tgt Ion:146 Resp: 124411

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.6

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.954 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

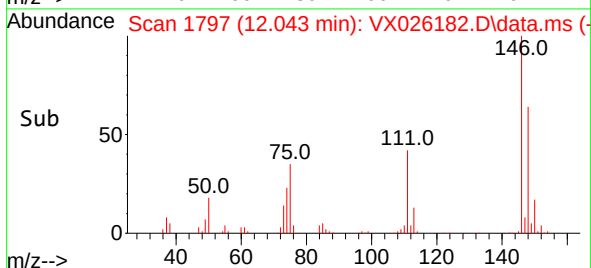
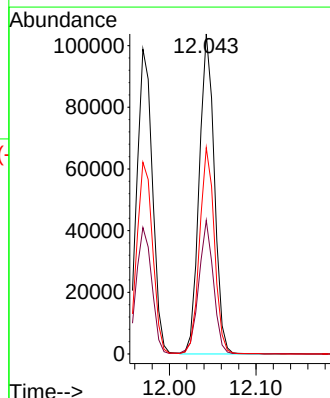
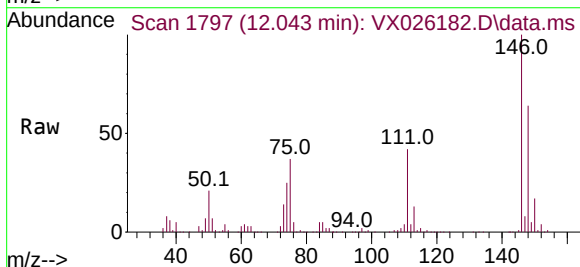
Tgt Ion:146 Resp: 125833

Ion Ratio Lower Upper

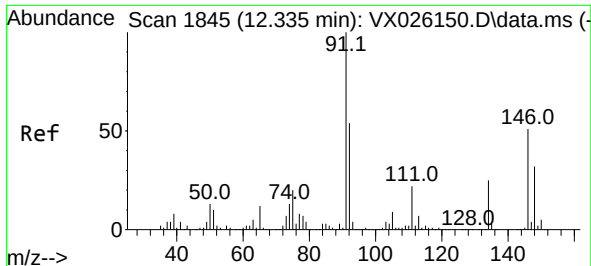
146 100

111 40.2 19.9 59.7

148 63.3 31.9 95.7







#89

n-Butylbenzene

Concen: 47.620 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

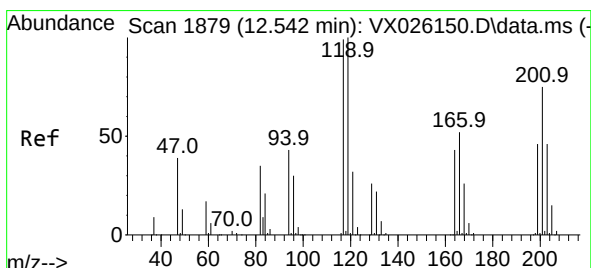
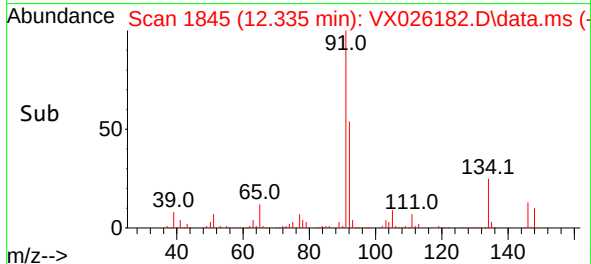
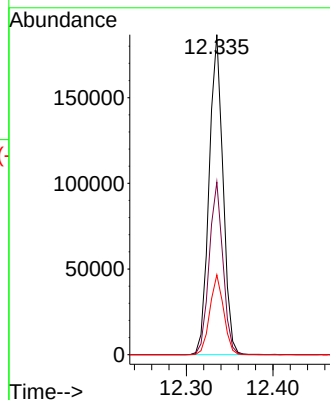
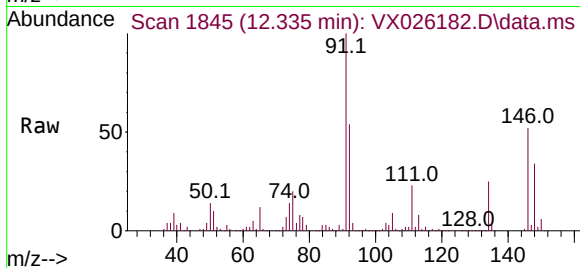
Tgt Ion: 91 Resp: 207973

Ion Ratio Lower Upper

91 100

92 53.3 27.3 81.8

134 24.8 13.5 40.4



#90

Hexachloroethane

Concen: 48.826 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX026182.D

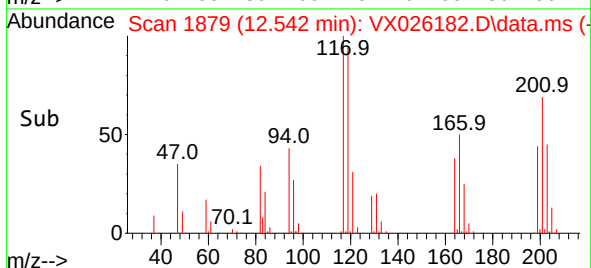
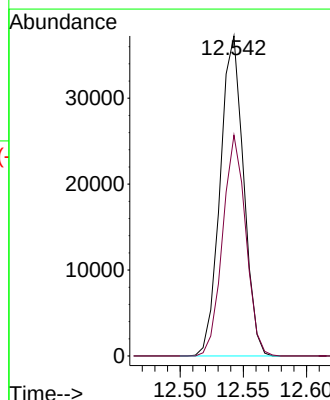
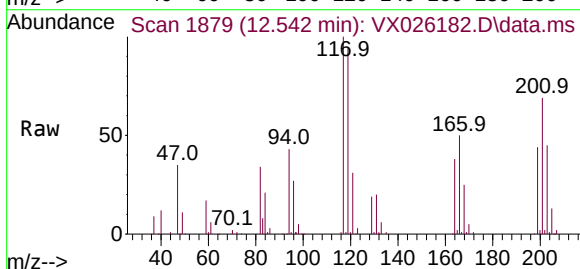
Acq: 30 Dec 2021 20:40

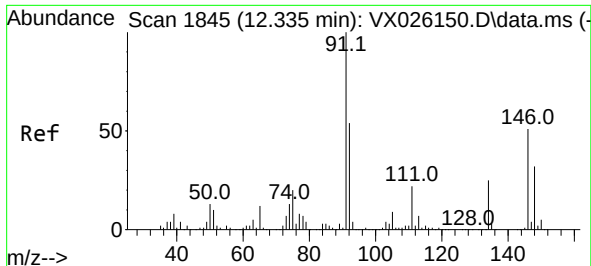
Tgt Ion: 117 Resp: 47924

Ion Ratio Lower Upper

117 100

201 68.0 35.4 106.3

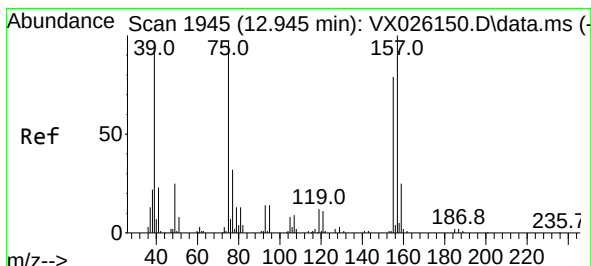
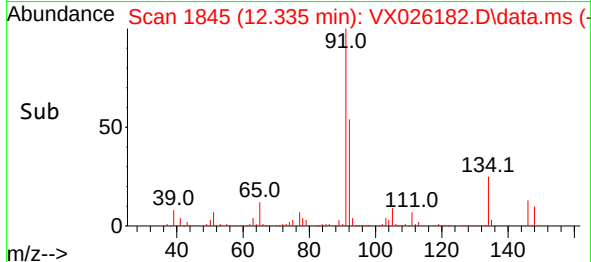
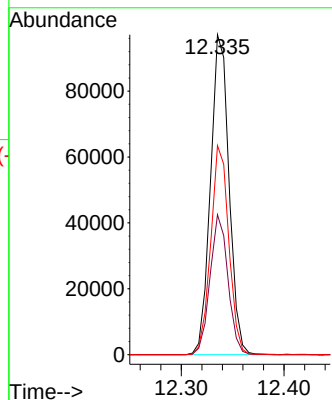
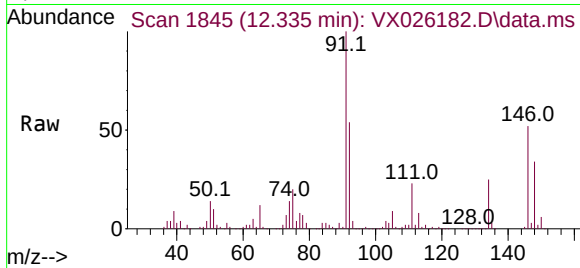




#91  
1,2-Dichlorobenzene  
Concen: 44.784 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

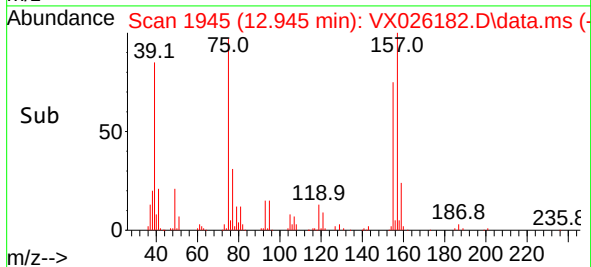
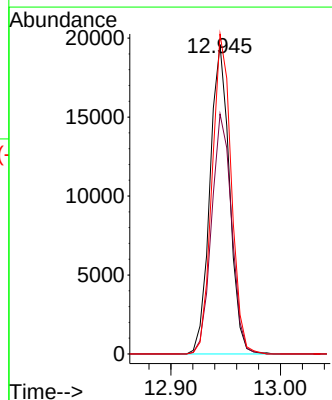
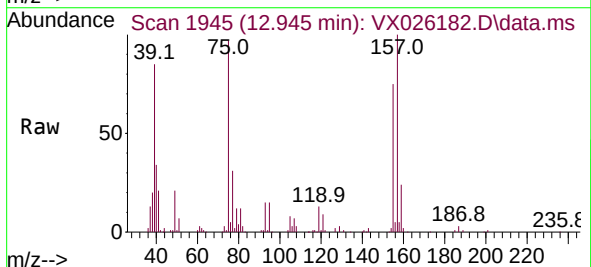
Instrument :  
MSVOA\_X  
ClientSampleId :

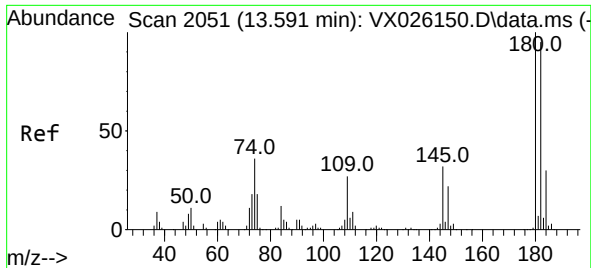
Tgt Ion:146 Resp: 121287  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.6 61.9  
148 63.9 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.474 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

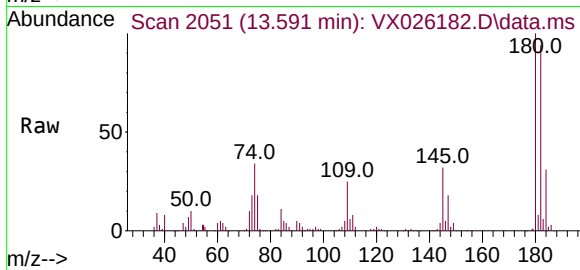
Tgt Ion: 75 Resp: 24239  
Ion Ratio Lower Upper  
75 100  
155 79.5 44.0 131.8  
157 101.4 55.5 166.5



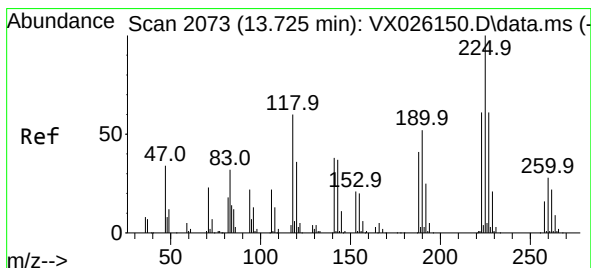
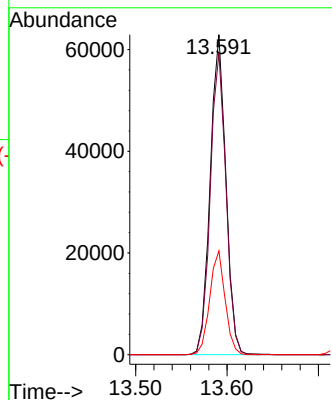
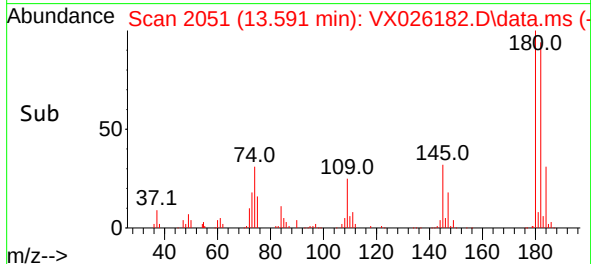


#93  
1,2,4-Trichlorobenzene  
Concen: 46.731 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Instrument :  
MSVOA\_X  
ClientSampleId :

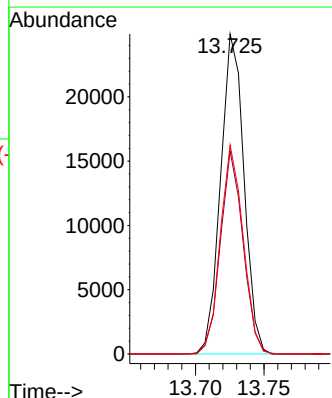
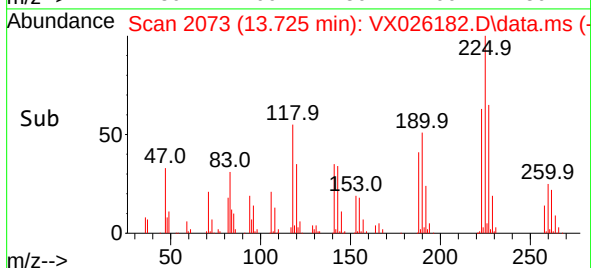
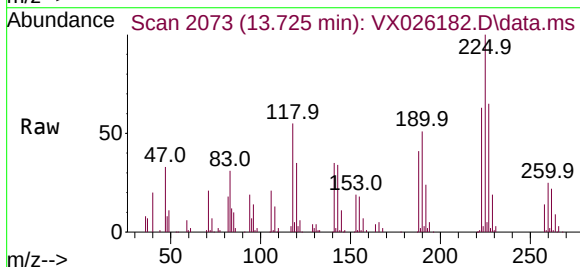


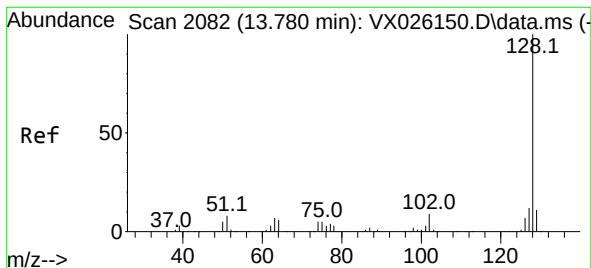
Tgt Ion:180 Resp: 74789  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.2 141.6  
145 31.8 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 44.406 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX026182.D  
Acq: 30 Dec 2021 20:40

Tgt Ion:225 Resp: 29508  
Ion Ratio Lower Upper  
225 100  
223 61.4 31.6 95.0  
227 64.0 32.5 97.5





#95

Naphthalene

Concen: 47.849 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA\_X

ClientSampleId :

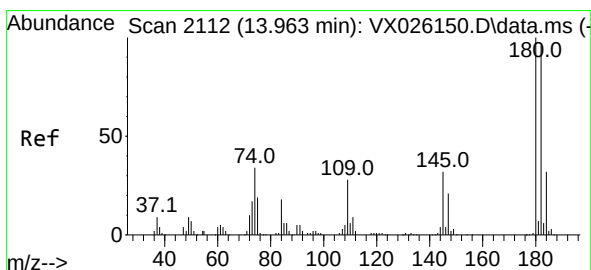
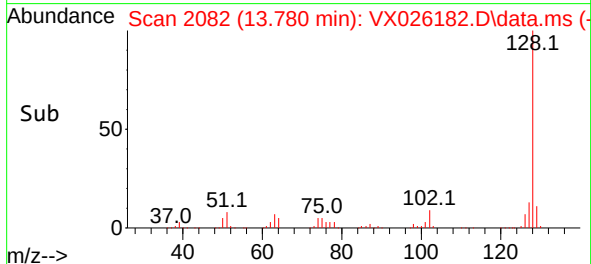
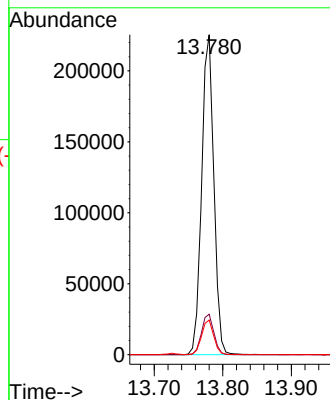
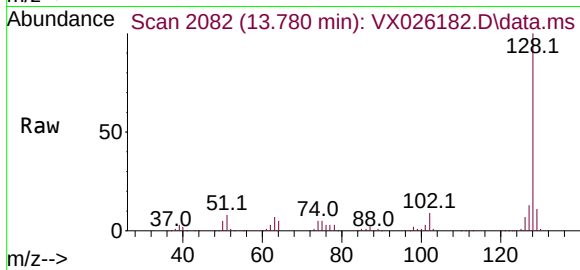
Tgt Ion:128 Resp: 279009

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.217 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026182.D

Acq: 30 Dec 2021 20:40

Tgt Ion:180 Resp: 75256

Ion Ratio Lower Upper

180 100

182 97.6 47.5 142.6

145 34.8 16.7 50.1

