

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
 Data File : VX043932.D  
 Acq On : 21 Nov 2024 13:57  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 131073   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 229009   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 198776   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 96489    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 112818   | 50.183   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.360% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 85815    | 52.442   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.880% |      |
| 50) Toluene-d8              | 8.647  | 98    | 289000   | 51.234   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.460% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 103640   | 53.987   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 107.980% |      |

|                              |       |     |         |         |          |
|------------------------------|-------|-----|---------|---------|----------|
| Target Compounds             |       |     |         |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 83916   | 50.537  | ug/l 99  |
| 3) Chloromethane             | 1.295 | 50  | 85795   | 49.100  | ug/l 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 93147   | 50.118  | ug/l 97  |
| 5) Bromomethane              | 1.593 | 94  | 53783   | 47.040  | ug/l 100 |
| 6) Chloroethane              | 1.660 | 64  | 46342   | 40.921  | ug/l 100 |
| 7) Trichlorofluoromethane    | 1.868 | 101 | 177461  | 53.407  | ug/l 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 57339   | 47.345  | ug/l 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 80458   | 50.762  | ug/l 98  |
| 10) Methyl Iodide            | 2.441 | 142 | 96234   | 48.614  | ug/l 100 |
| 11) Tert butyl alcohol       | 2.995 | 59  | 85927   | 238.127 | ug/l 99  |
| 12) 1,1-Dichloroethene       | 2.307 | 96  | 72787   | 48.192  | ug/l 99  |
| 13) Acrolein                 | 2.233 | 56  | 89571   | 235.500 | ug/l 98  |
| 14) Allyl chloride           | 2.654 | 41  | 127367  | 51.610  | ug/l 99  |
| 15) Acrylonitrile            | 3.063 | 53  | 227832  | 259.090 | ug/l 99  |
| 16) Acetone                  | 2.386 | 43  | 257802  | 249.676 | ug/l 99  |
| 17) Carbon Disulfide         | 2.496 | 76  | 153826  | 49.375  | ug/l 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 121774  | 50.643  | ug/l 98  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 275221  | 50.186  | ug/l 98  |
| 20) Methylene Chloride       | 2.782 | 84  | 82274   | 46.954  | ug/l 98  |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 76687   | 49.179  | ug/l 97  |
| 22) Diisopropyl ether        | 3.758 | 45  | 264554  | 50.132  | ug/l 96  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1189244 | 263.441 | ug/l 100 |
| 24) 1,1-Dichloroethane       | 3.599 | 63  | 153635  | 50.466  | ug/l 98  |
| 25) 2-Butanone               | 4.556 | 43  | 348803  | 261.804 | ug/l 98  |
| 26) 2,2-Dichloropropane      | 4.459 | 77  | 143910  | 52.343  | ug/l 100 |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 95076   | 49.326  | ug/l 99  |
| 28) Bromochloromethane       | 4.891 | 49  | 62874   | 46.920  | ug/l 96  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 207942  | 254.585 | ug/l 100 |
| 30) Chloroform               | 5.080 | 83  | 163357  | 49.891  | ug/l 98  |
| 31) Cyclohexane              | 5.458 | 56  | 128482  | 51.278  | ug/l 97  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 144908  | 51.320  | ug/l 99  |
| 36) 1,1-Dichloropropene      | 5.678 | 75  | 108518  | 53.218  | ug/l 97  |
| 37) Ethyl Acetate            | 4.709 | 43  | 133283  | 52.656  | ug/l 97  |
| 38) Carbon Tetrachloride     | 5.660 | 117 | 118655  | 51.786  | ug/l 99  |
| 39) Methylcyclohexane        | 7.373 | 83  | 141696  | 53.489  | ug/l 93  |
| 40) Benzene                  | 6.025 | 78  | 319222  | 50.257  | ug/l 98  |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICSVVX112124

Quant Time: Nov 22 03:54:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 69766    | 53.851  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 128623   | 50.421  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 207332   | 51.469  | ug/l   | 99       |
| 44) Trichloroethene           | 7.117  | 130  | 80113    | 44.554  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 7.422  | 63   | 74380    | 47.811  | ug/l   | 98       |
| 46) Dibromomethane            | 7.574  | 93   | 62345    | 50.662  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 116199   | 52.648  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 101062   | 52.284  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 31178    | 905.506 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 652721   | 265.520 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 195814   | 51.507  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 119461   | 53.077  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 128808   | 52.205  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 78575    | 50.069  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 129841   | 53.118  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 134680   | 50.945  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 315358   | 235.230 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 504444   | 273.011 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 82754    | 52.557  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 83098    | 52.367  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 66054    | 50.396  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.073 | 112  | 209963   | 48.094  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 74354    | 52.515  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 377215   | 50.991  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 282971   | 102.572 | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 138437   | 51.396  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 230449   | 51.728  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 50837    | 47.449  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 365084   | 49.222  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 176627   | 51.406  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 125346   | 49.356  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 139865   | 66.099  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 85070    | 48.081  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 419586   | 50.652  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 249079   | 47.551  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 305922   | 50.134  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 38583    | 49.756  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 287717   | 48.652  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 303408   | 50.165  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 306251   | 50.410  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 372793   | 50.307  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 310060   | 51.511  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 153164   | 47.529  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 155422   | 47.306  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 276075   | 52.020  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 51229    | 50.050  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 154980   | 47.656  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 25968    | 51.030  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 94896    | 49.495  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 37937    | 50.065  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 357725   | 51.831  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 99447    | 51.246  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

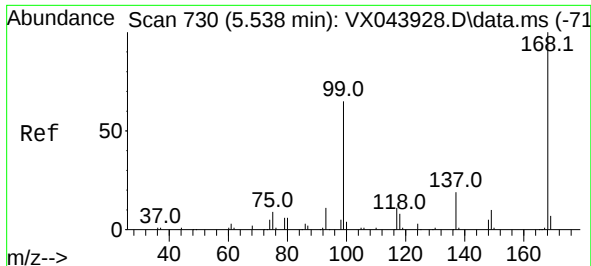
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

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

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

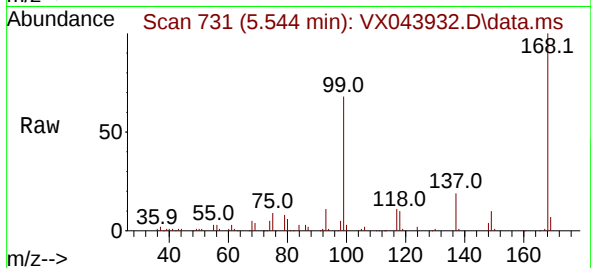
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Quant Method : Z:\voasrv\HPCHEM1\MSV0A\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
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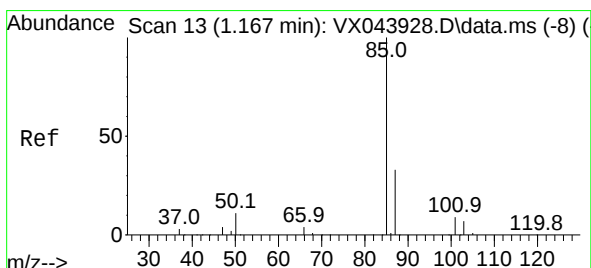
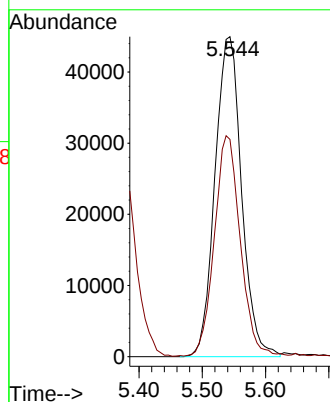
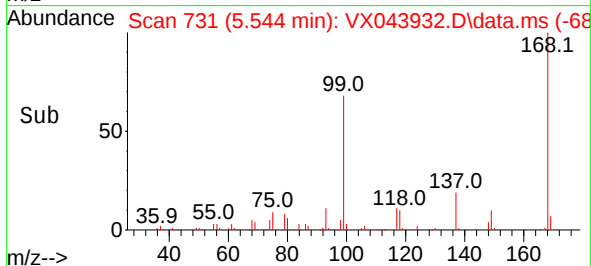


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

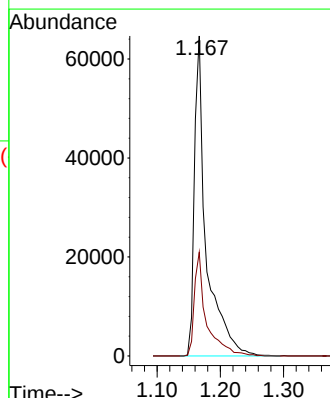
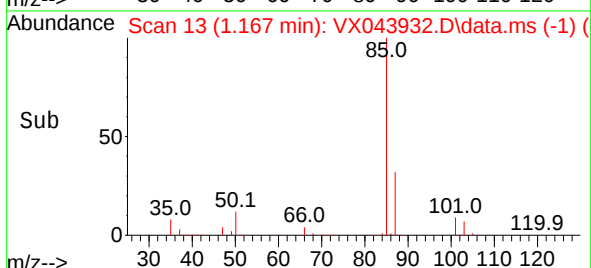
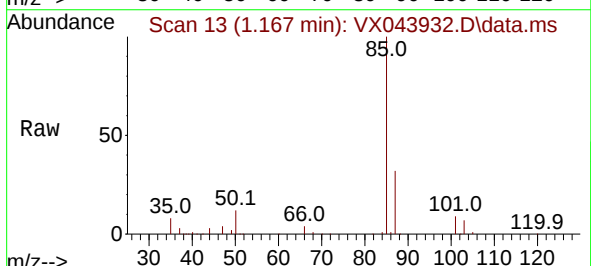


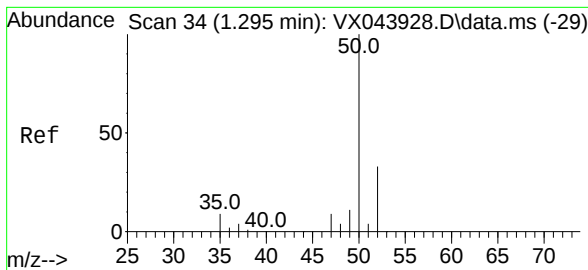
Tgt Ion:168 Resp: 131073  
Ion Ratio Lower Upper  
168 100  
99 67.5 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 50.537 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 85 Resp: 83916  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.6 49.8





#3

Chloromethane

Concen: 49.100 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

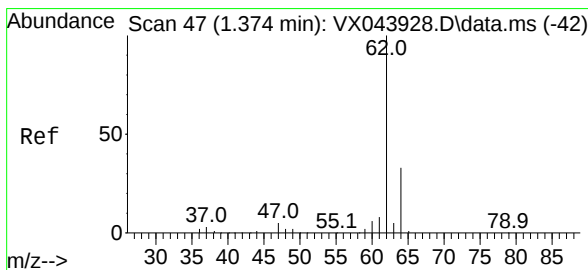
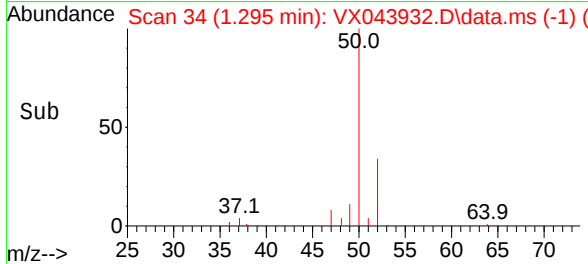
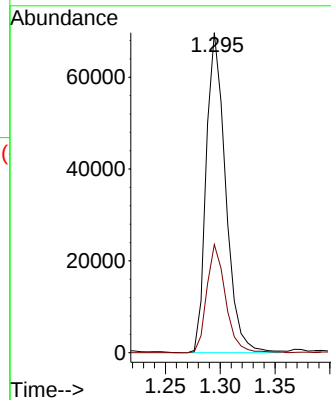
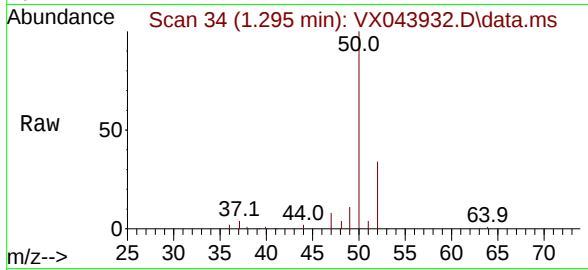
ICVX112124

Tgt Ion: 50 Resp: 85795

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 50.118 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043932.D

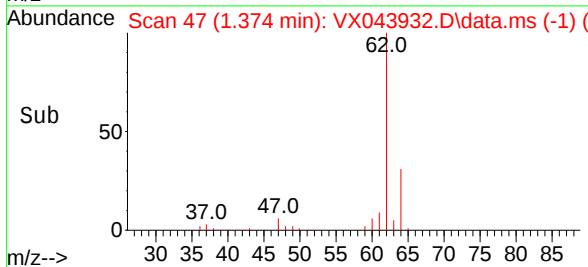
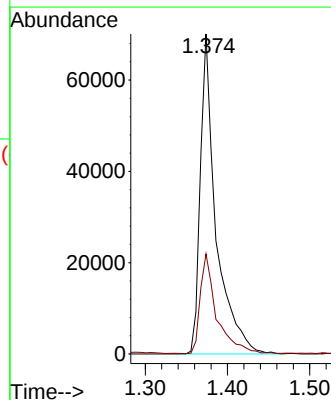
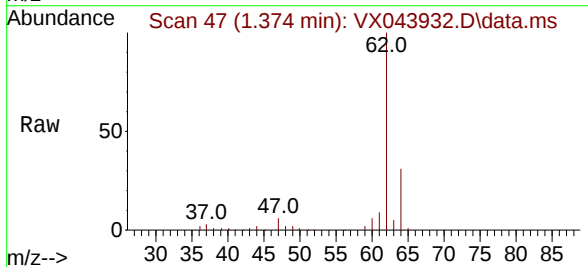
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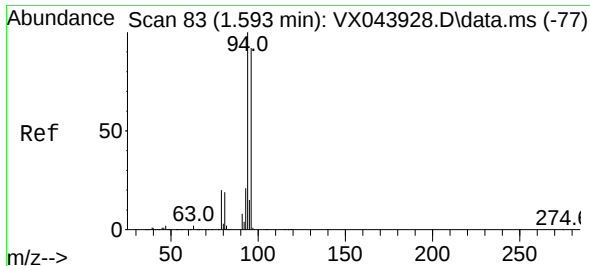
Tgt Ion: 62 Resp: 93147

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4

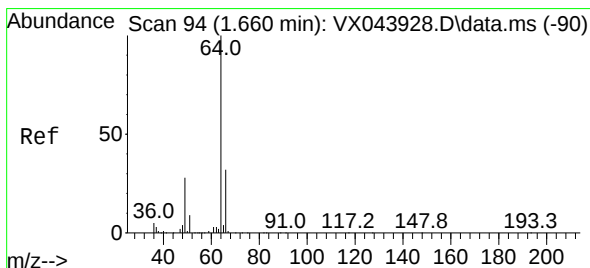
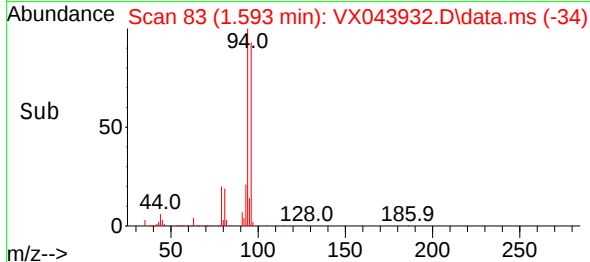
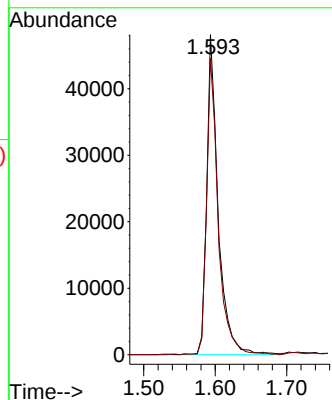
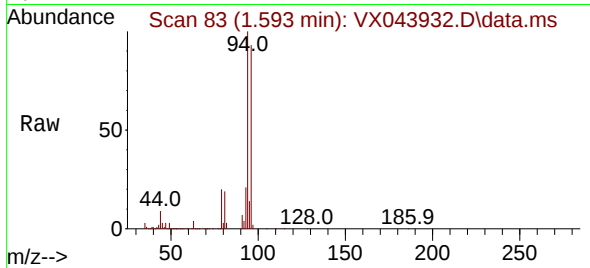




#5  
Bromomethane  
Concen: 47.040 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

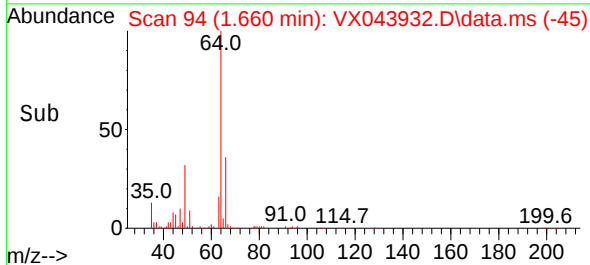
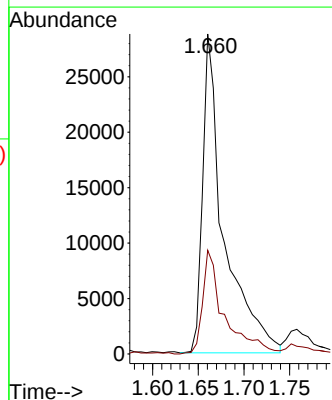
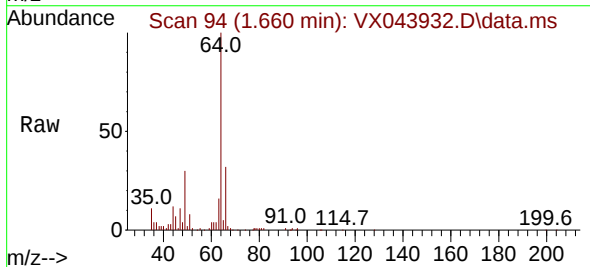
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

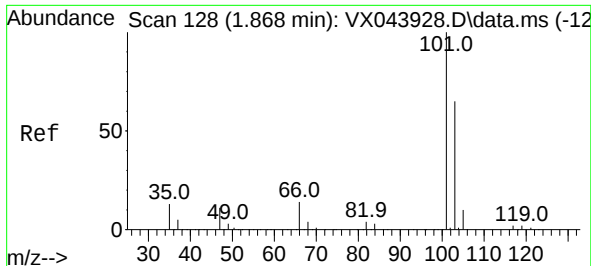
Tgt Ion: 94 Resp: 53783  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.9 110.9



#6  
Chloroethane  
Concen: 40.921 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 64 Resp: 46342  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.9 38.9

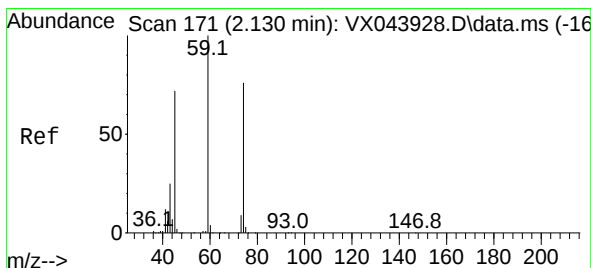
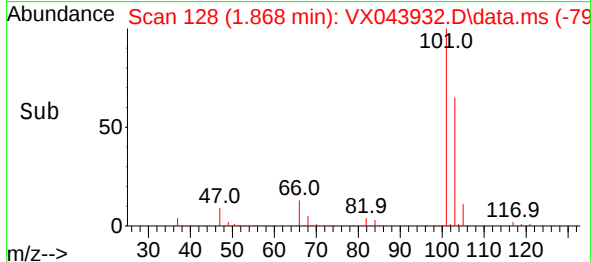
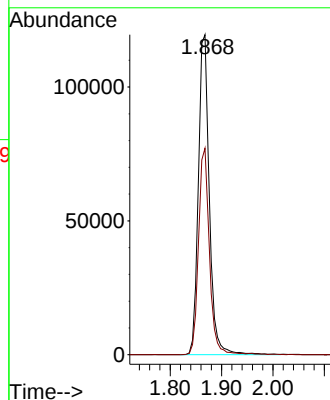
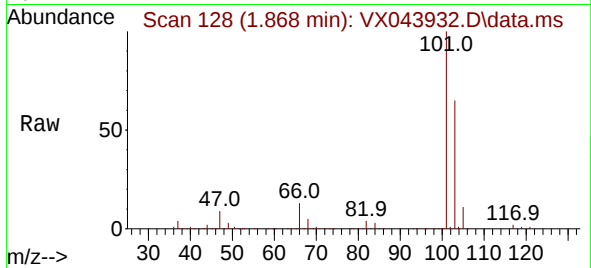




#7  
Trichlorofluoromethane  
Concen: 53.407 ug/l  
RT: 1.868 min Scan# 128  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

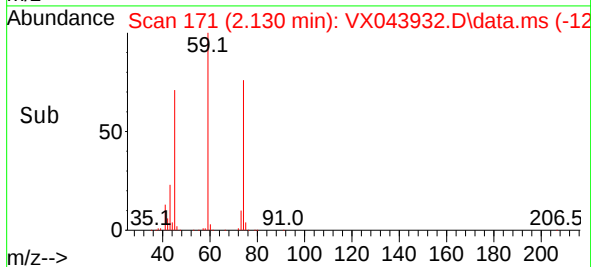
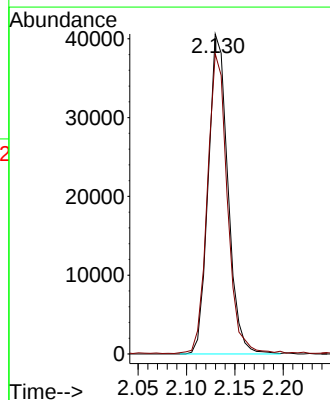
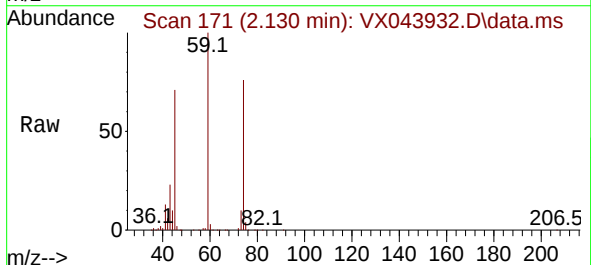
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

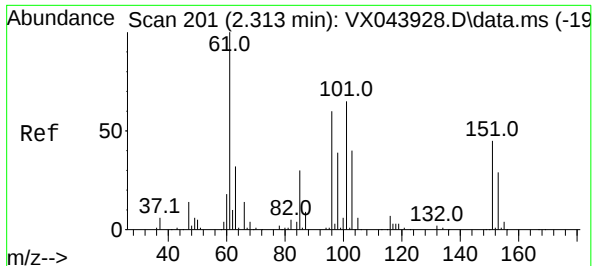
Tgt Ion:101 Resp: 177461  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.2 78.2



#8  
Diethyl Ether  
Concen: 47.345 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 74 Resp: 57339  
Ion Ratio Lower Upper  
74 100  
45 95.6 47.9 143.6

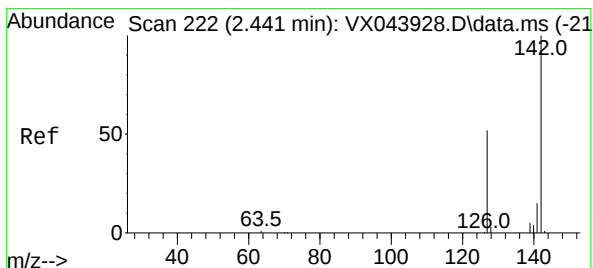
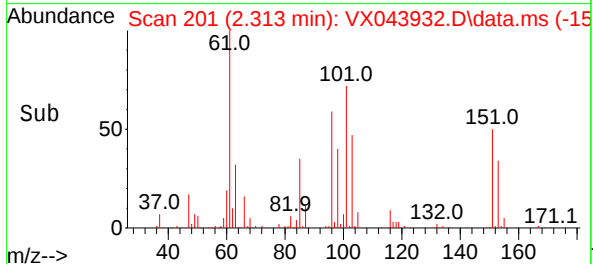
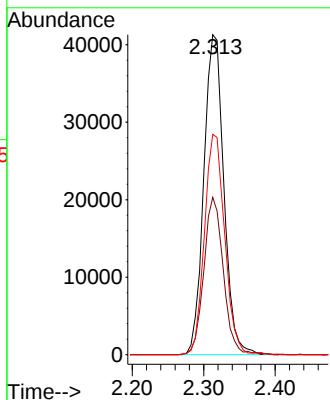
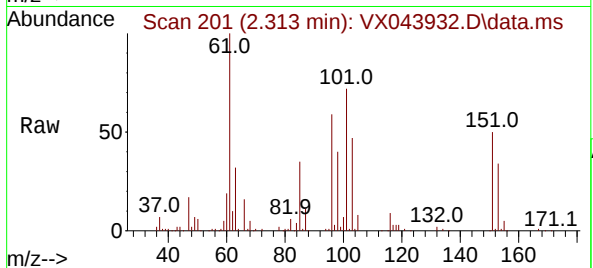




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.762 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

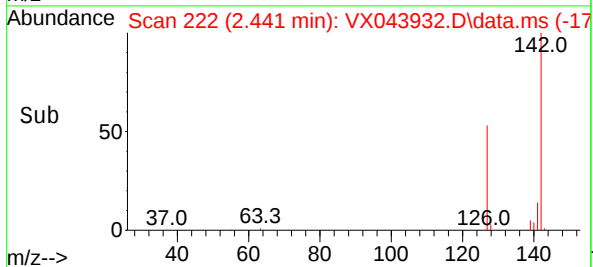
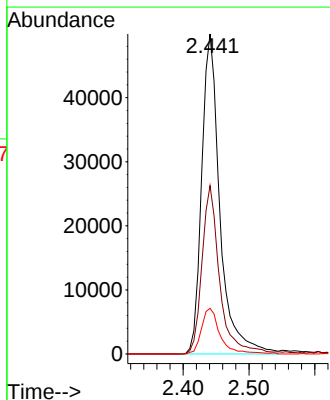
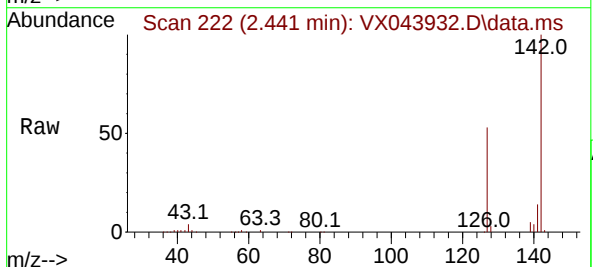
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

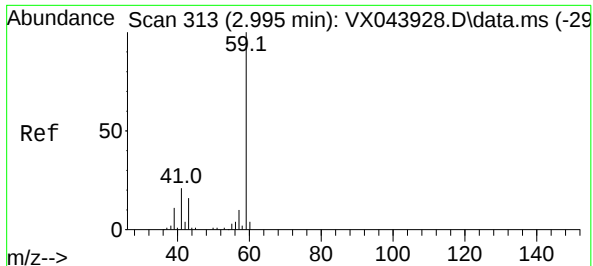
Tgt Ion:101 Resp: 80458  
Ion Ratio Lower Upper  
101 100  
85 47.7 37.9 56.9  
151 69.3 57.5 86.3



#10  
Methyl Iodide  
Concen: 48.614 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion:142 Resp: 96234  
Ion Ratio Lower Upper  
142 100  
127 50.9 40.7 61.1  
141 14.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 238.127 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX043932.D

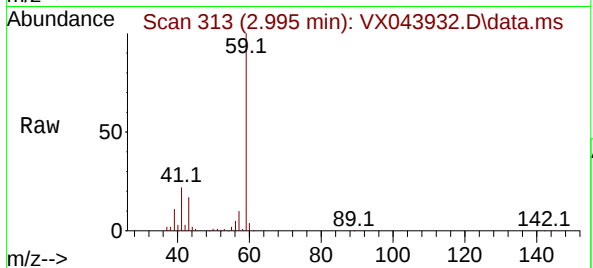
Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112124

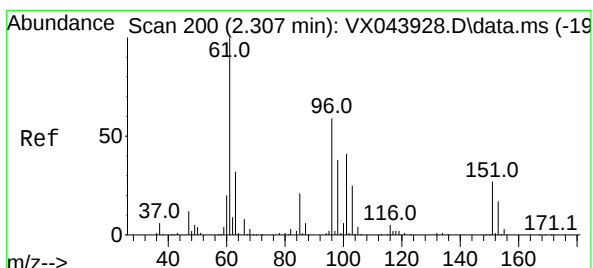
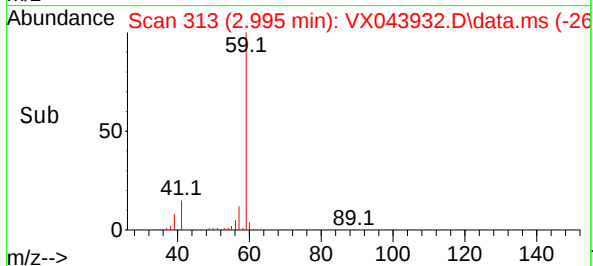
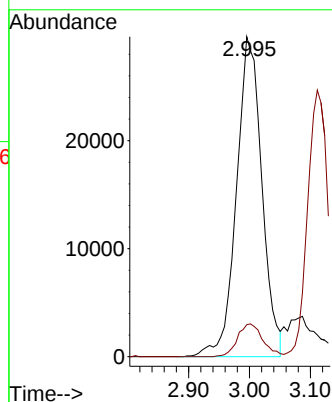


Tgt Ion: 59 Resp: 85927

Ion Ratio Lower Upper

59 100

57 10.3 7.9 11.9



#12

1,1-Dichloroethene

Concen: 48.192 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

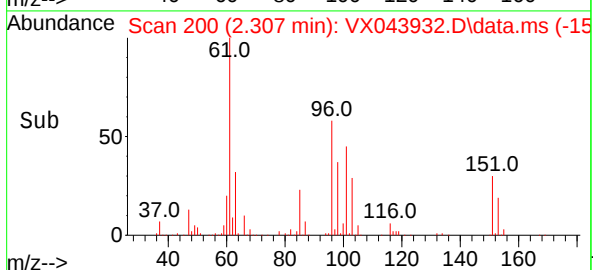
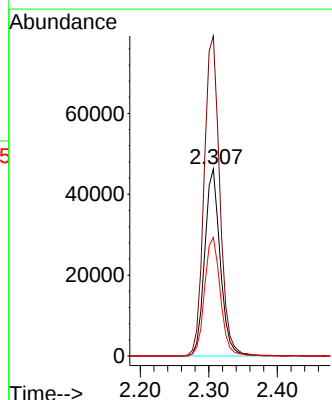
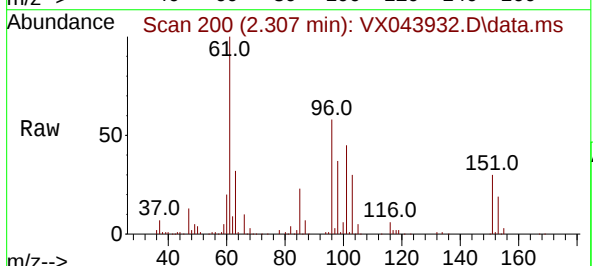
Tgt Ion: 96 Resp: 72787

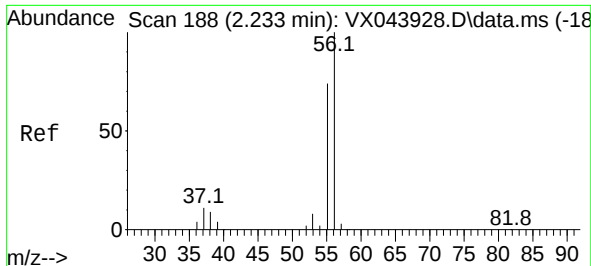
Ion Ratio Lower Upper

96 100

61 171.1 135.5 203.3

98 63.4 50.8 76.2

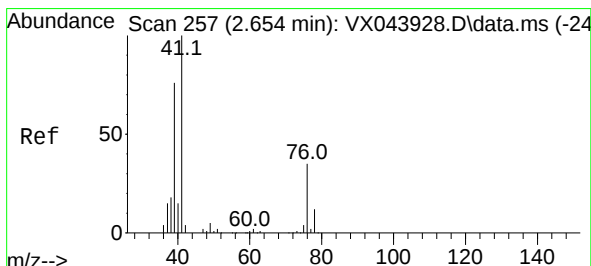
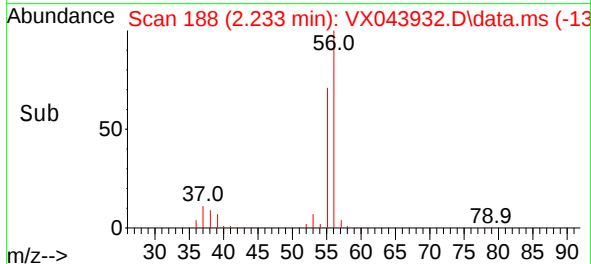
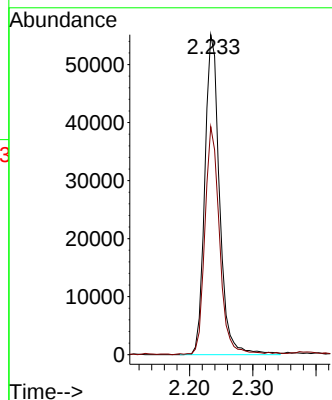
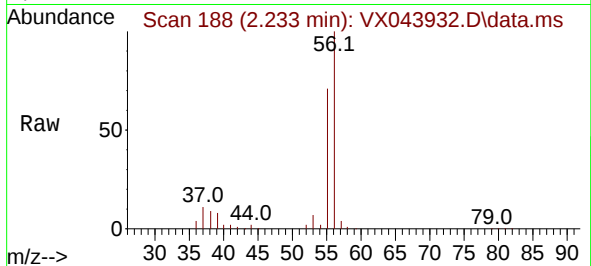




#13  
Acrolein  
Concen: 235.500 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

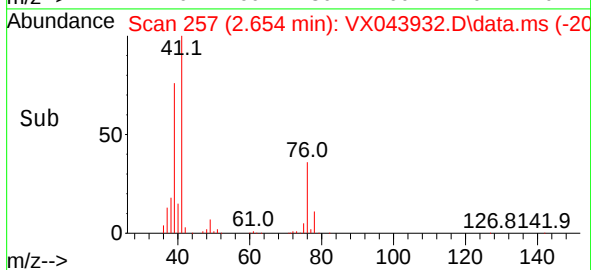
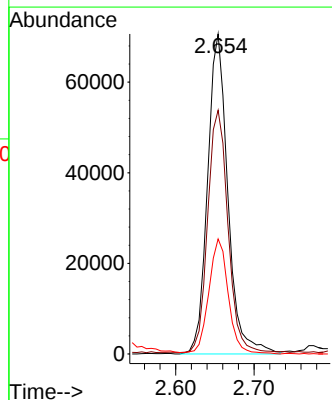
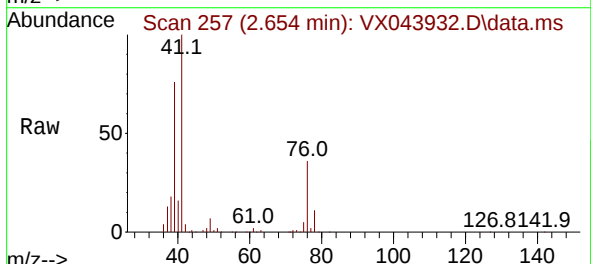
Instrument : MSVOA\_X  
ClientSampleId : ICVVX112124

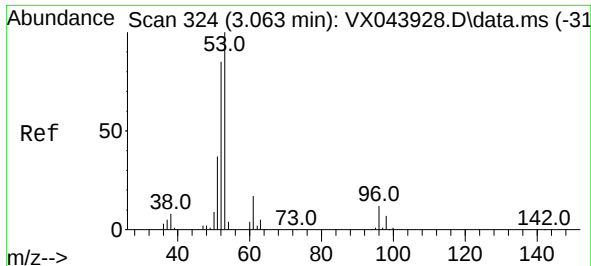
Tgt Ion: 56 Resp: 89571  
Ion Ratio Lower Upper  
56 100  
55 70.9 58.2 87.2



#14  
Allyl chloride  
Concen: 51.610 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 41 Resp: 127367  
Ion Ratio Lower Upper  
41 100  
39 75.3 59.5 89.3  
76 34.5 27.4 41.2

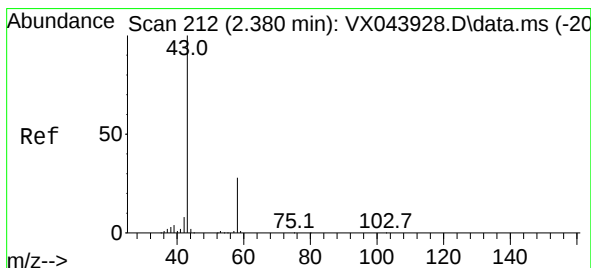
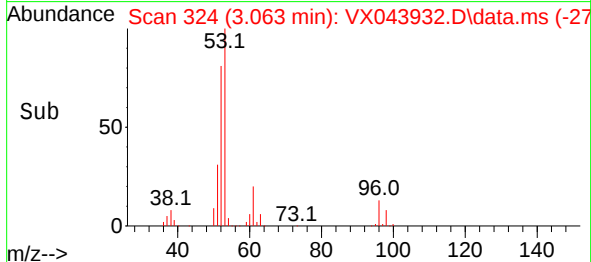
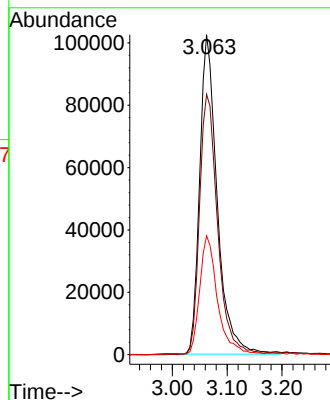
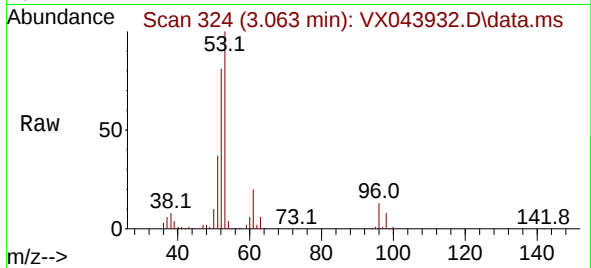




#15  
Acrylonitrile  
Concen: 259.090 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

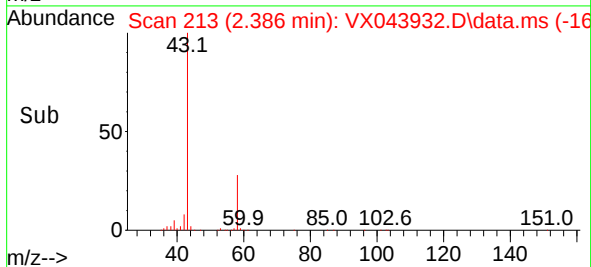
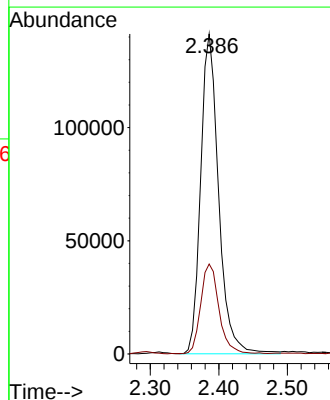
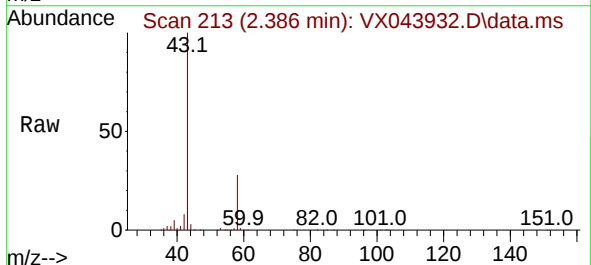
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

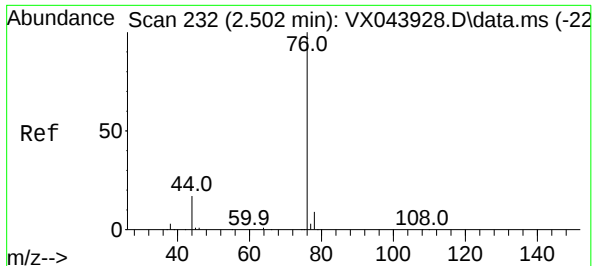
Tgt Ion: 53 Resp: 227832  
Ion Ratio Lower Upper  
53 100  
52 84.3 66.5 99.7  
51 37.2 30.2 45.4



#16  
Acetone  
Concen: 249.676 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 43 Resp: 257802  
Ion Ratio Lower Upper  
43 100  
58 28.0 22.7 34.1





#17

Carbon Disulfide

Concen: 49.375 ug/l

RT: 2.496 min Scan# 24

Delta R.T. -0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

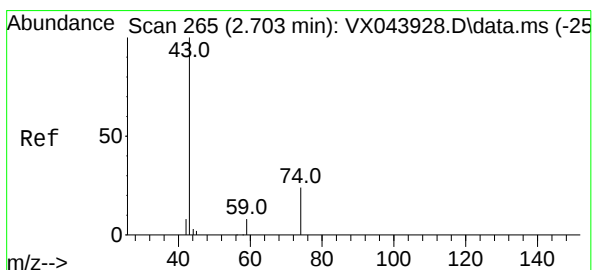
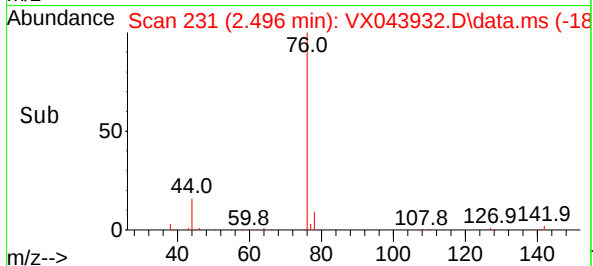
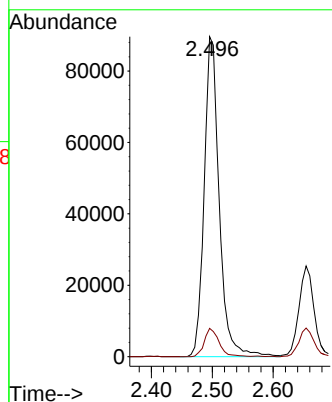
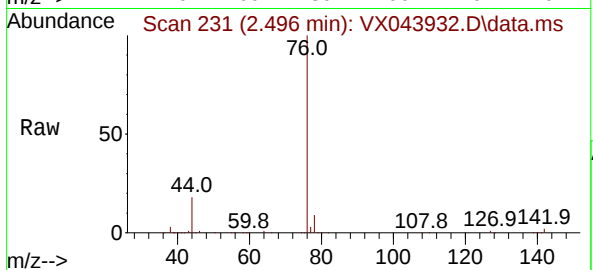
ICVVX112124

Tgt Ion: 76 Resp: 153826

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 50.643 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043932.D

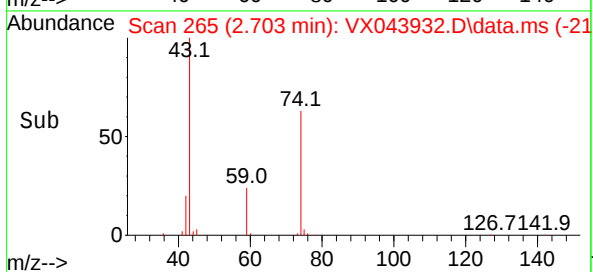
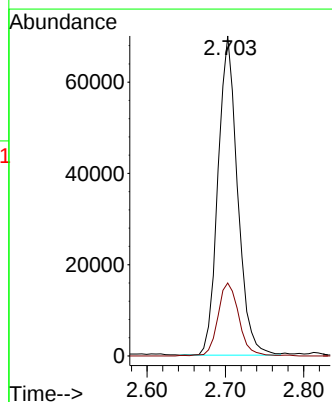
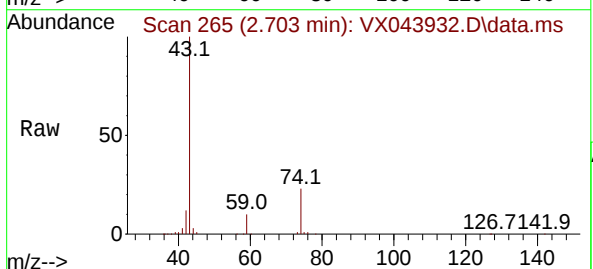
Acq: 21 Nov 2024 13:57

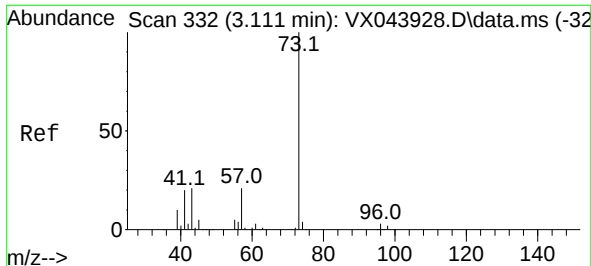
Tgt Ion: 43 Resp: 121774

Ion Ratio Lower Upper

43 100

74 24.5 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 50.186 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

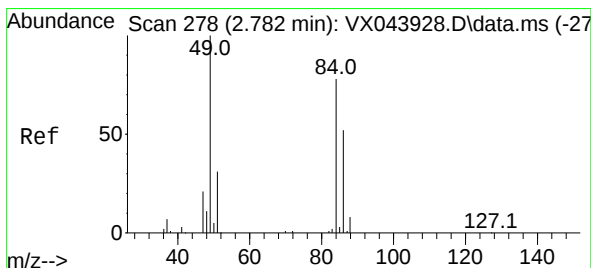
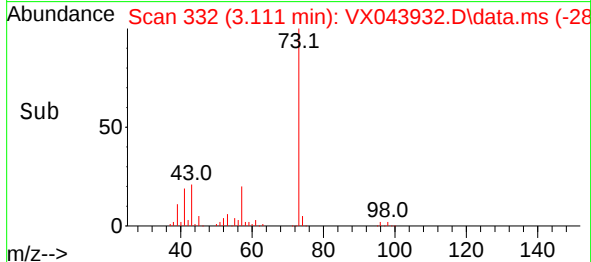
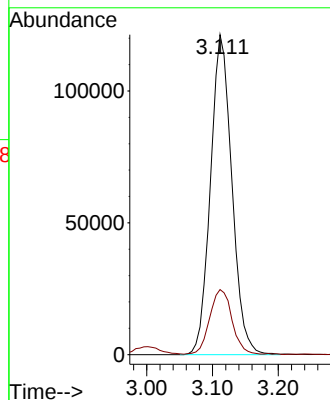
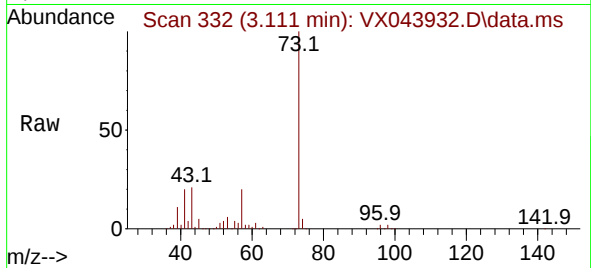
ICVX112124

Tgt Ion: 73 Resp: 275221

Ion Ratio Lower Upper

73 100

57 20.2 17.0 25.6



#20

Methylene Chloride

Concen: 46.954 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Tgt Ion: 84 Resp: 82274

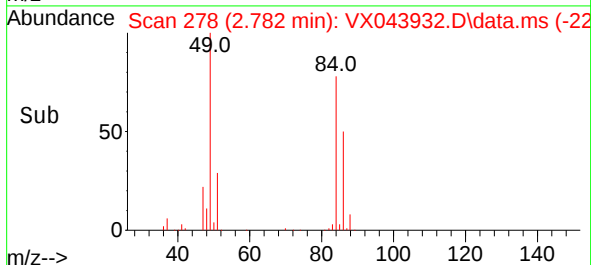
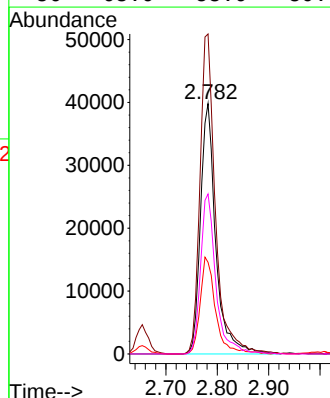
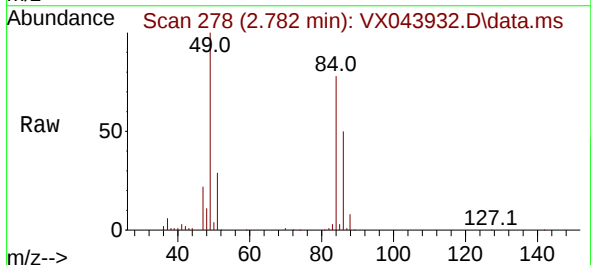
Ion Ratio Lower Upper

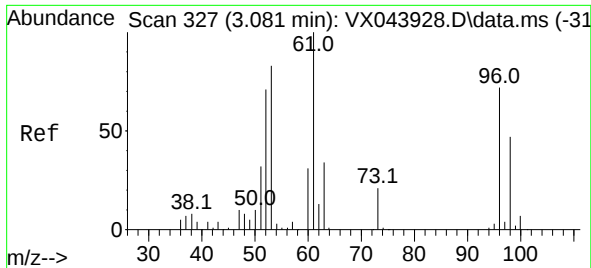
84 100

49 127.8 102.7 154.1

51 36.6 31.7 47.5

86 63.9 53.9 80.9

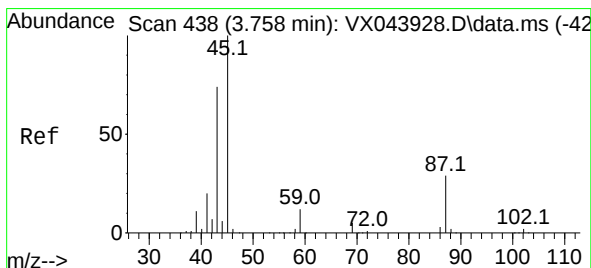
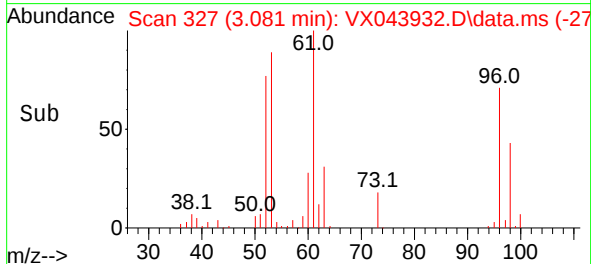
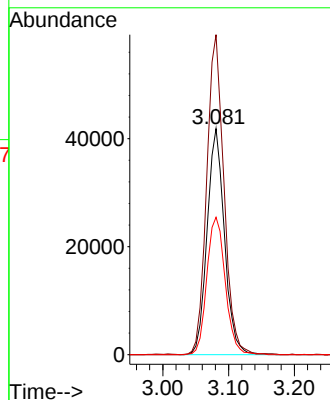
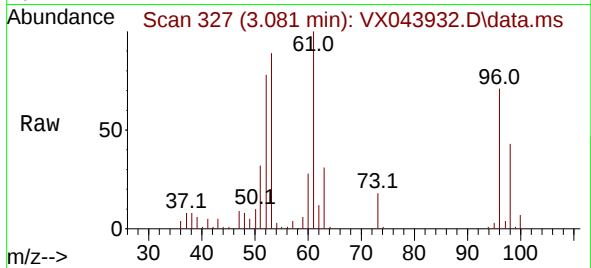




#21  
trans-1,2-Dichloroethene  
Concen: 49.179 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

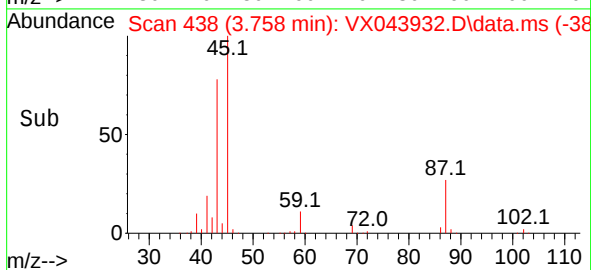
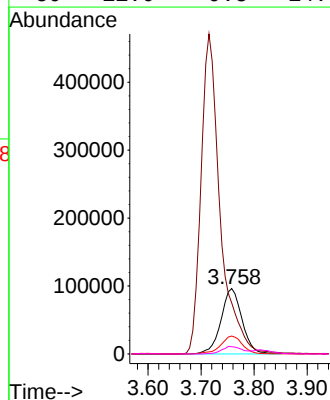
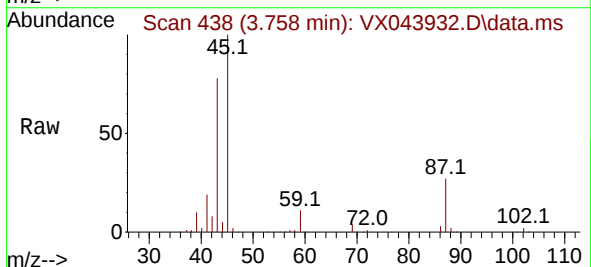
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

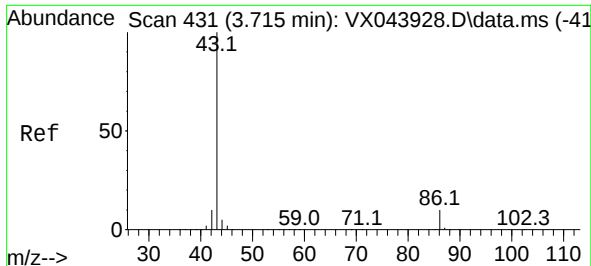
Tgt Ion: 96 Resp: 76687  
Ion Ratio Lower Upper  
96 100  
61 141.5 111.8 167.6  
98 60.8 52.7 79.1



#22  
Diisopropyl ether  
Concen: 50.132 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 45 Resp: 264554  
Ion Ratio Lower Upper  
45 100  
43 78.0 59.6 89.4  
87 27.4 22.9 34.3  
59 11.0 9.8 14.6

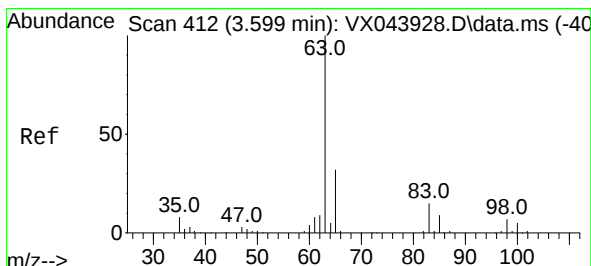
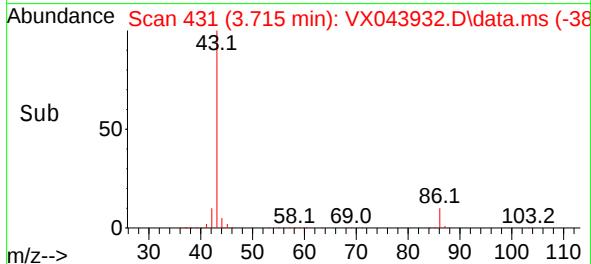
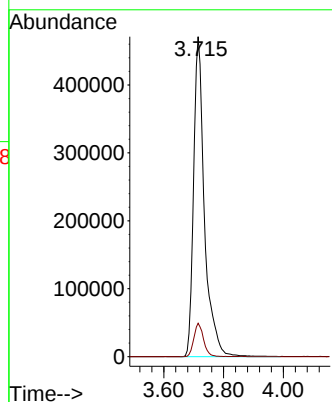
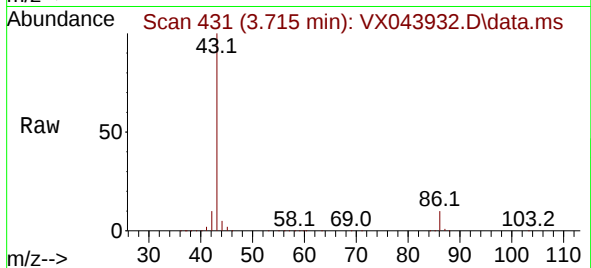




#23  
 Vinyl Acetate  
 Concen: 263.441 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX043932.D  
 Acq: 21 Nov 2024 13:57

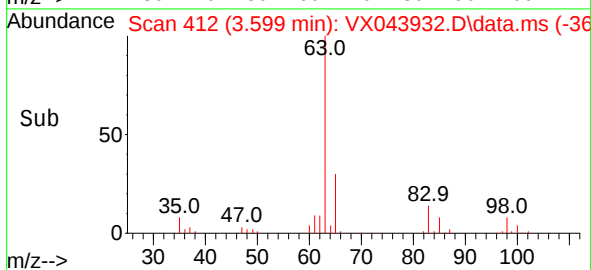
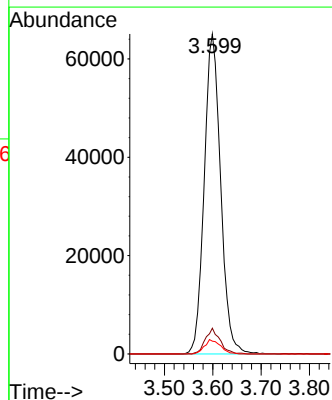
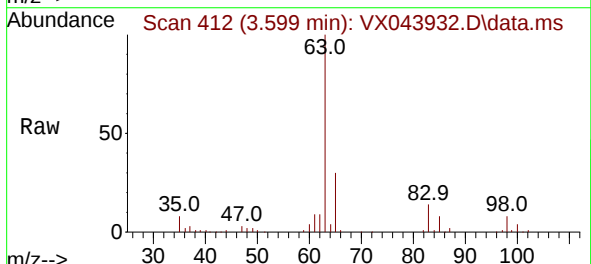
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112124

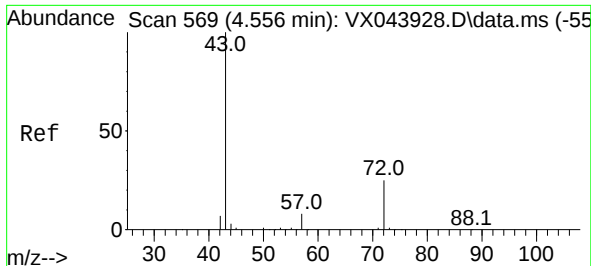
Tgt Ion: 43 Resp: 1189244  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 50.466 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.000 min  
 Lab File: VX043932.D  
 Acq: 21 Nov 2024 13:57

Tgt Ion: 63 Resp: 153635  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.5 10.6  
 100 4.0 2.4 7.1





#25

2-Butanone

Concen: 261.804 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

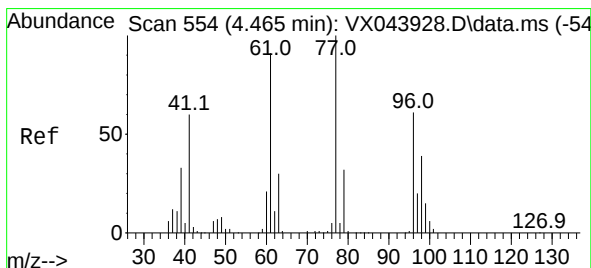
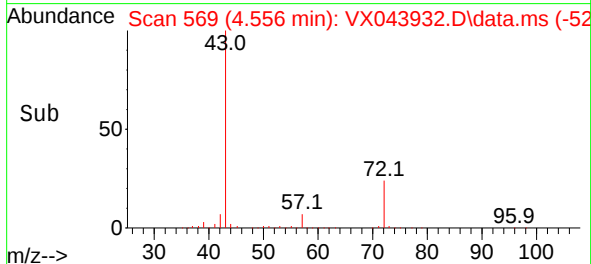
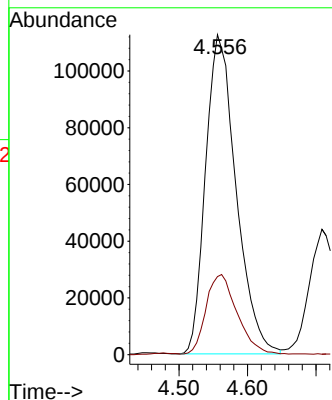
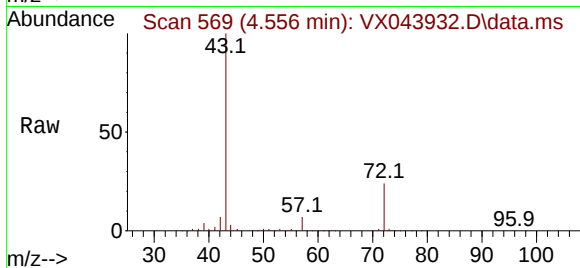
ICVX112124

Tgt Ion: 43 Resp: 348803

Ion Ratio Lower Upper

43 100

72 24.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 52.343 ug/l

RT: 4.459 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX043932.D

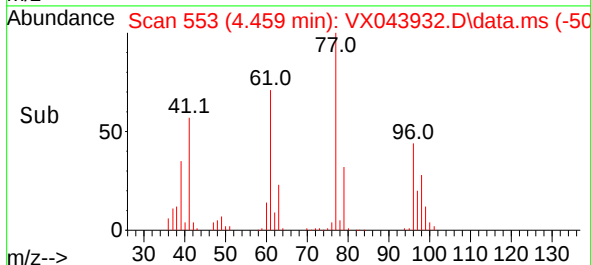
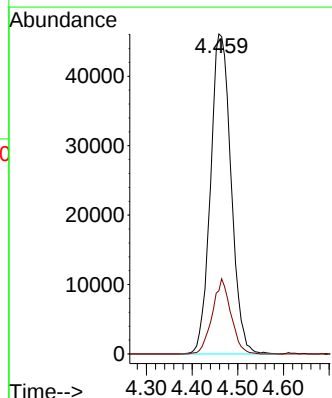
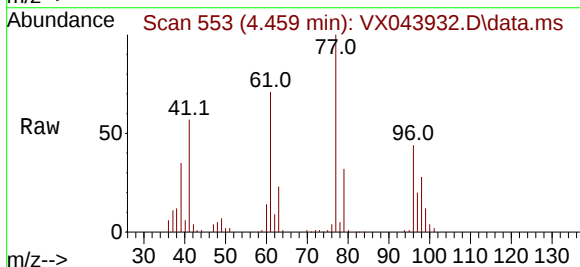
Acq: 21 Nov 2024 13:57

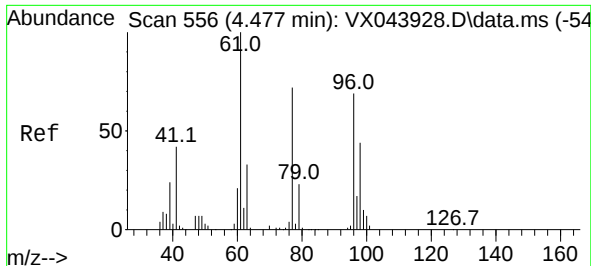
Tgt Ion: 77 Resp: 143910

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3

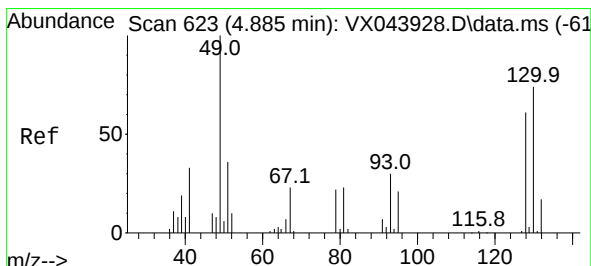
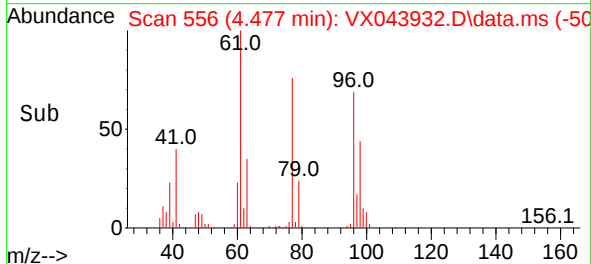
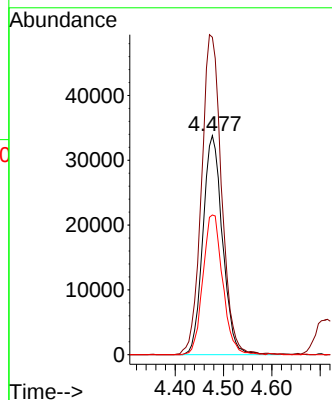
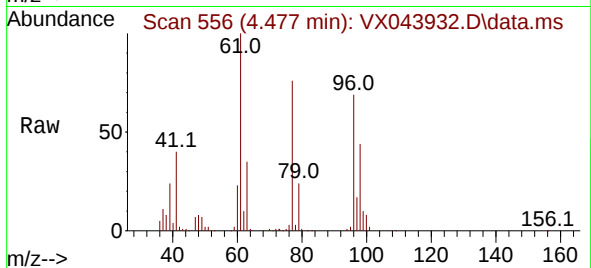




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.326 ug/l  
 RT: 4.477 min Scan# 556  
 Delta R.T. -0.000 min  
 Lab File: VX043932.D  
 Acq: 21 Nov 2024 13:57

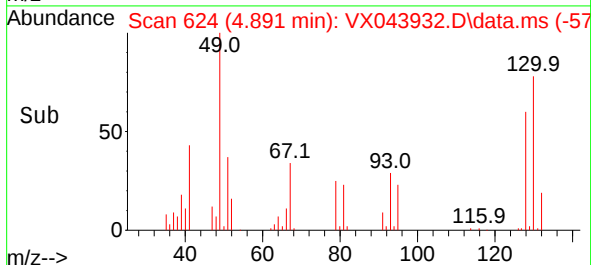
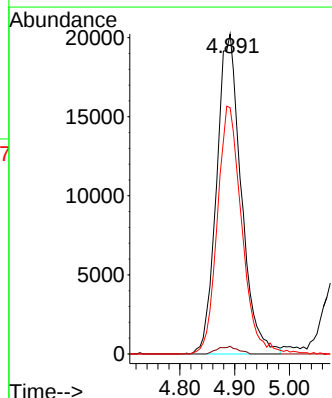
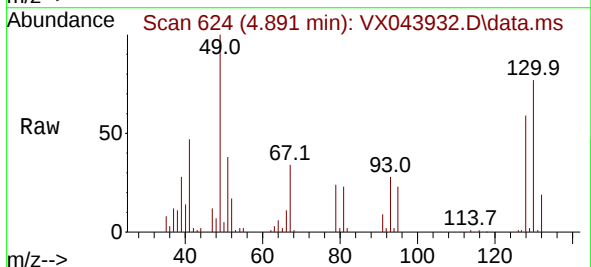
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX112124

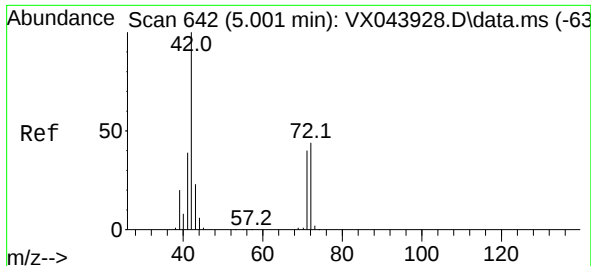
Tgt Ion: 96 Resp: 95076  
 Ion Ratio Lower Upper  
 96 100  
 61 149.6 0.0 297.4  
 98 64.3 0.0 127.8



#28  
 Bromochloromethane  
 Concen: 46.920 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. 0.006 min  
 Lab File: VX043932.D  
 Acq: 21 Nov 2024 13:57

Tgt Ion: 49 Resp: 62874  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.0  
 130 77.3 59.0 88.6





#29

Tetrahydrofuran

Concen: 254.585 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

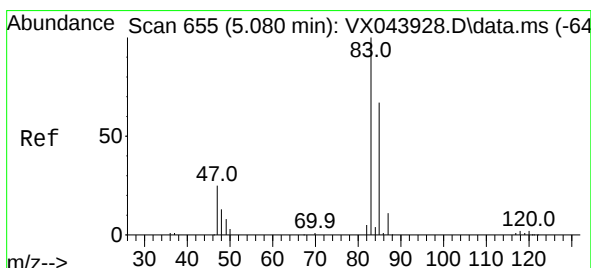
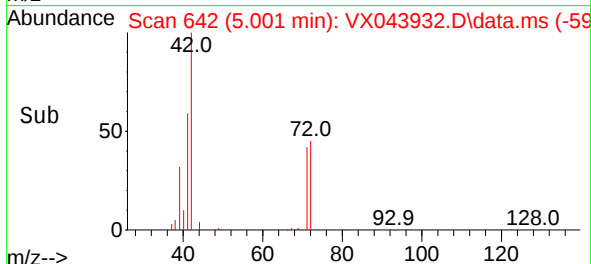
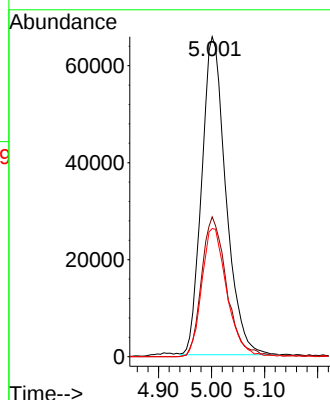
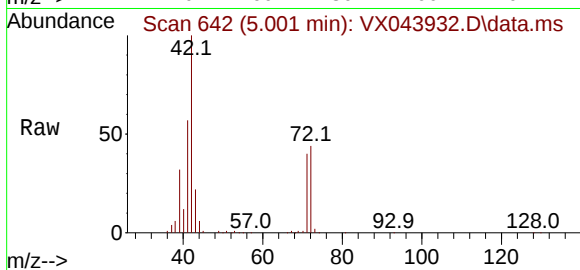
Tgt Ion: 42 Resp: 207942

Ion Ratio Lower Upper

42 100

72 45.6 36.4 54.6

71 42.0 33.4 50.0



#30

Chloroform

Concen: 49.891 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX043932.D

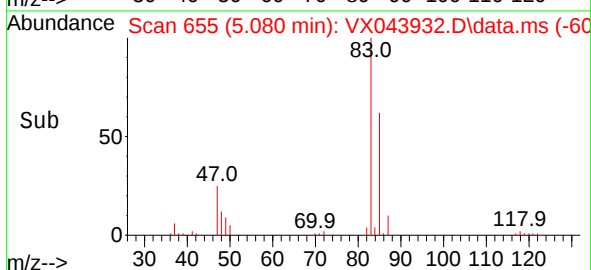
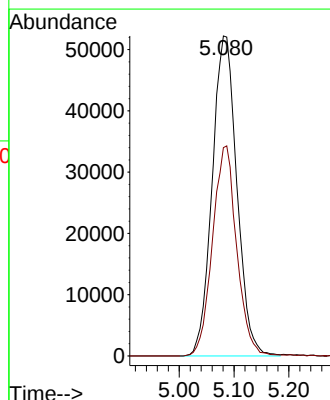
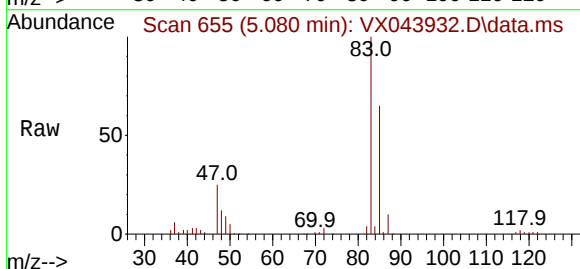
Acq: 21 Nov 2024 13:57

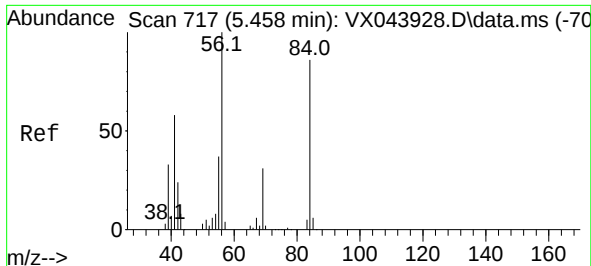
Tgt Ion: 83 Resp: 163357

Ion Ratio Lower Upper

83 100

85 65.1 53.5 80.3

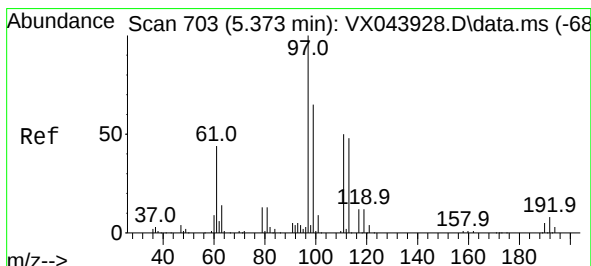
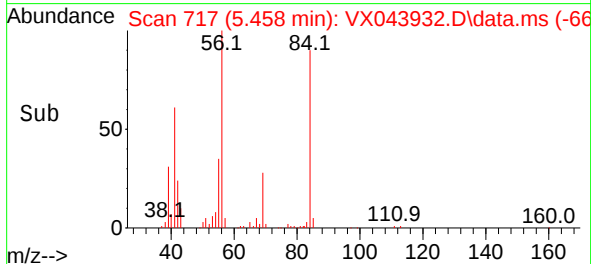
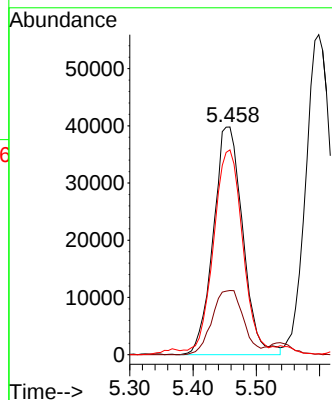
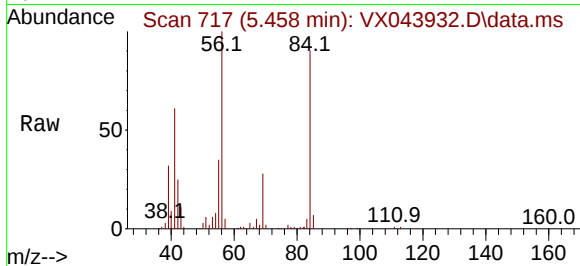




#31  
Cyclohexane  
Concen: 51.278 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

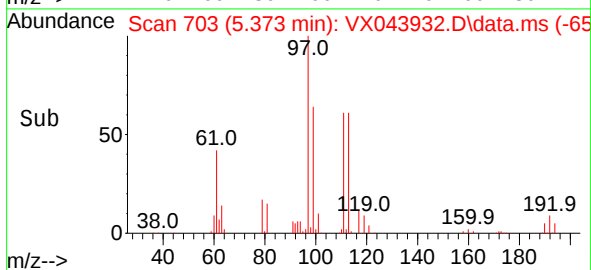
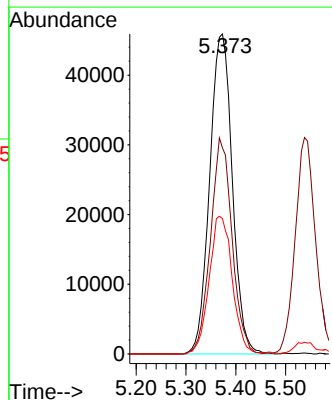
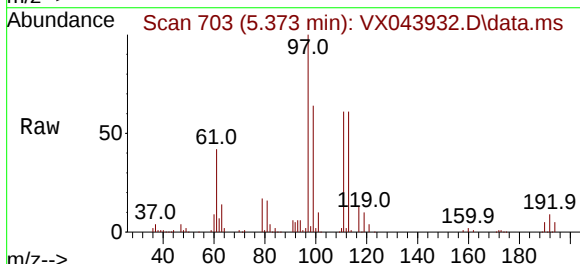
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

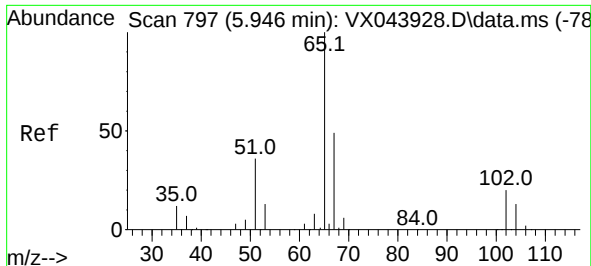
Tgt Ion: 56 Resp: 128482  
Ion Ratio Lower Upper  
56 100  
69 28.2 24.7 37.1  
84 88.1 68.7 103.1



#32  
1,1,1-Trichloroethane  
Concen: 51.320 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 97 Resp: 144908  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.8 76.2  
61 43.8 35.4 53.2

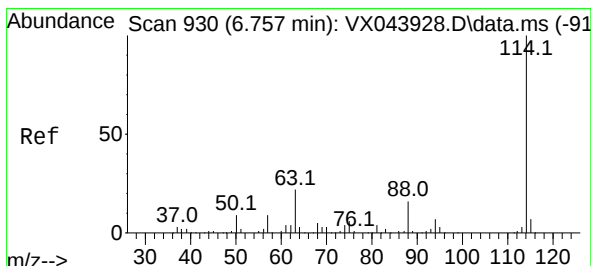
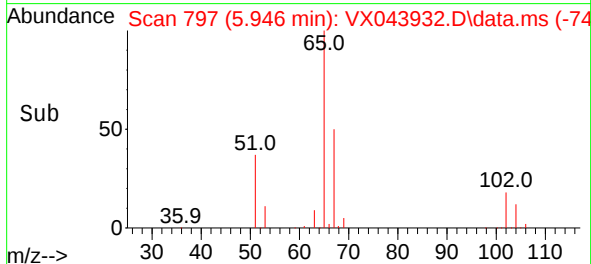
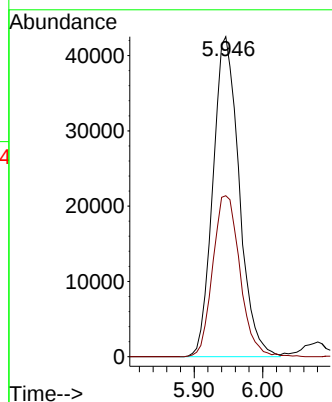
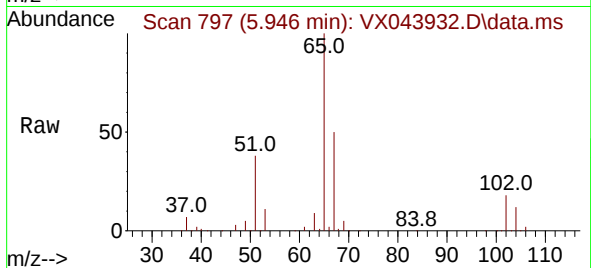




#33  
1,2-Dichloroethane-d4  
Concen: 50.183 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

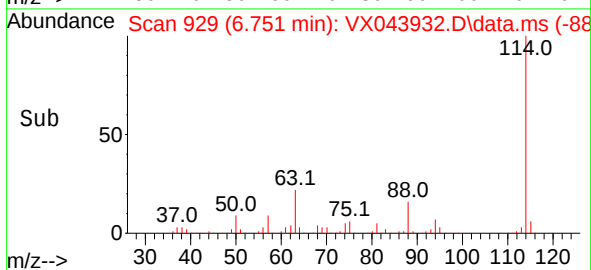
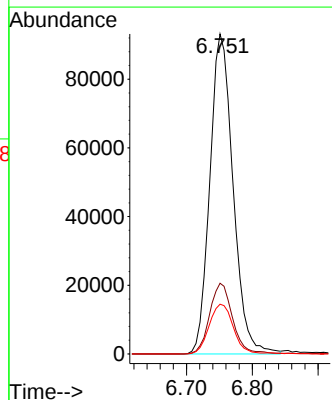
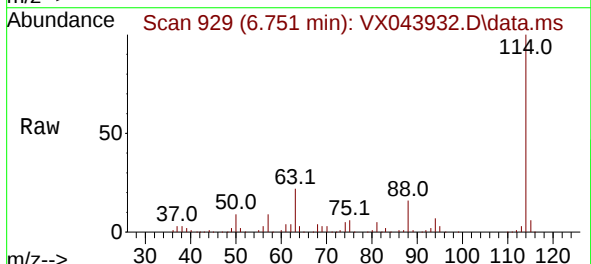
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

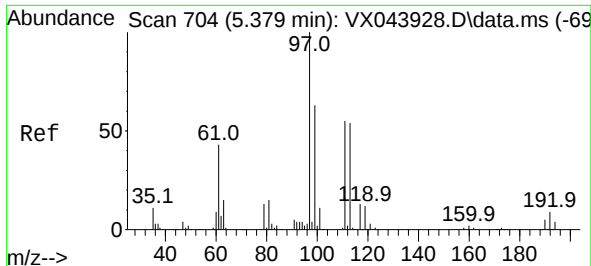
Tgt Ion: 65 Resp: 112818  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 929  
Delta R.T. -0.006 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 114 Resp: 229009  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 44.0  
88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.442 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

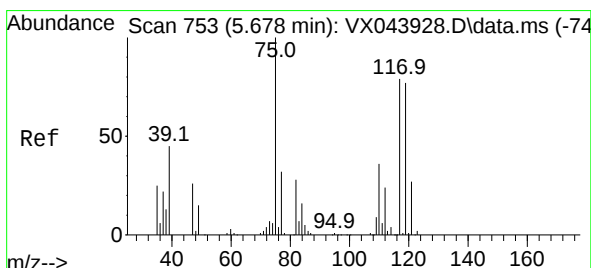
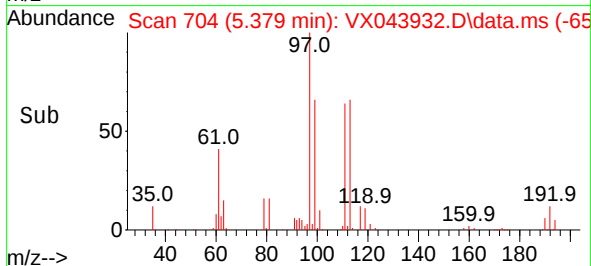
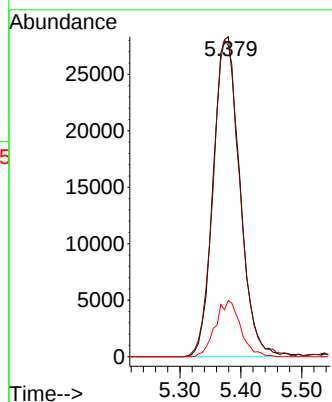
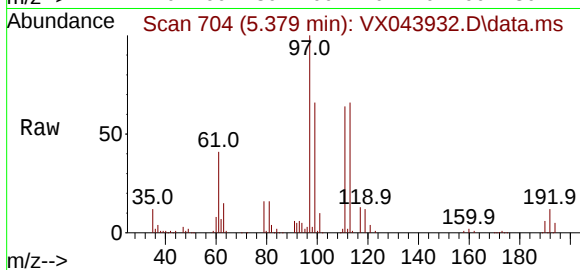
Tgt Ion:113 Resp: 85815

Ion Ratio Lower Upper

113 100

111 99.9 81.0 121.4

192 16.6 13.0 19.6



#36

1,1-Dichloropropene

Concen: 53.218 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

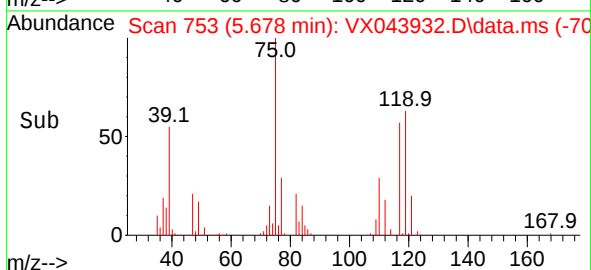
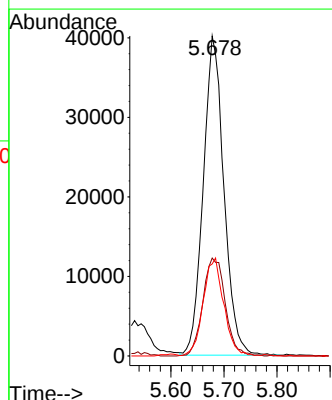
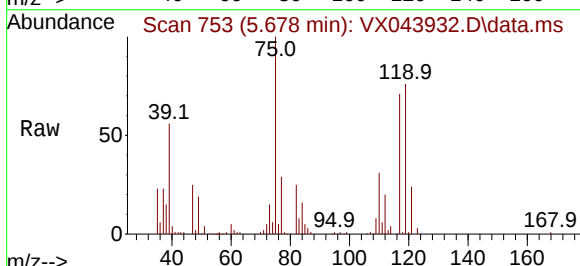
Tgt Ion: 75 Resp: 108518

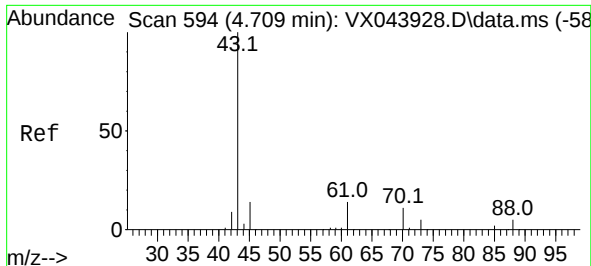
Ion Ratio Lower Upper

75 100

110 33.4 17.4 52.2

77 30.3 25.8 38.8





#37

Ethyl Acetate

Concen: 52.656 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112124

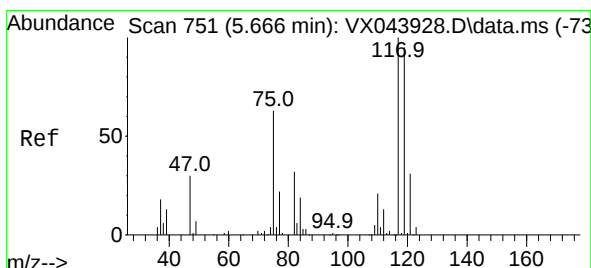
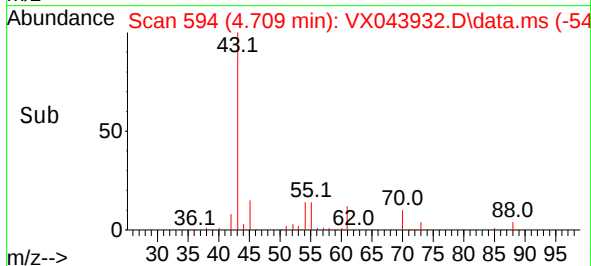
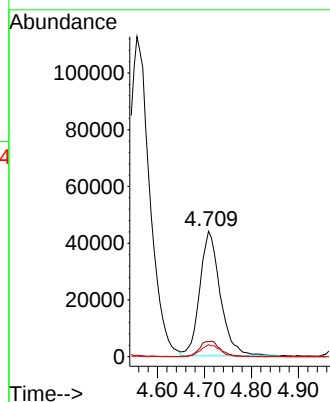
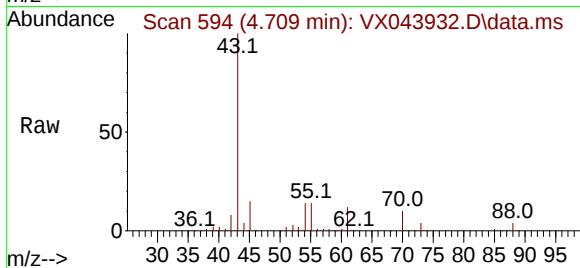
Tgt Ion: 43 Resp: 133283

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 9.3 8.0 12.0



#38

Carbon Tetrachloride

Concen: 51.786 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

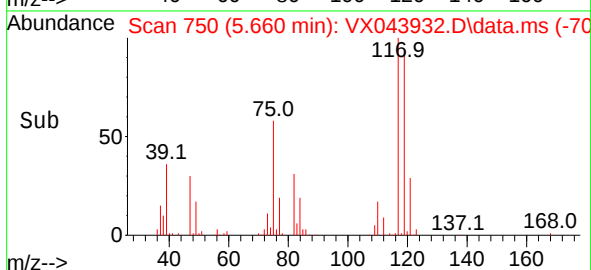
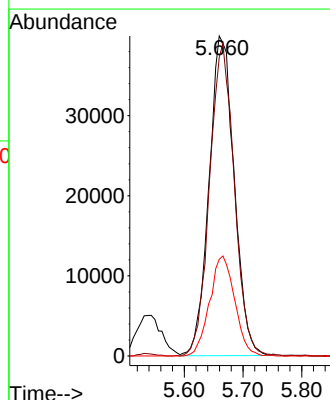
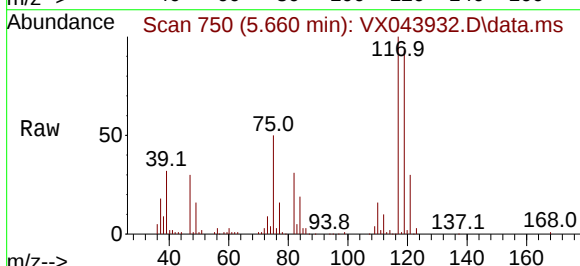
Tgt Ion: 117 Resp: 118655

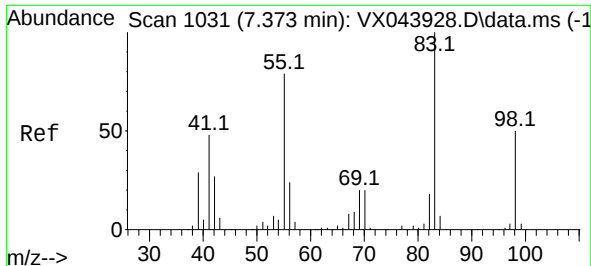
Ion Ratio Lower Upper

117 100

119 93.5 75.2 112.8

121 30.3 24.5 36.7

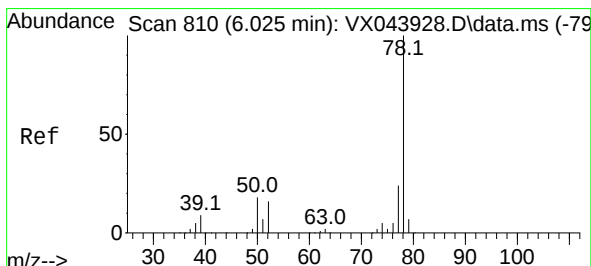
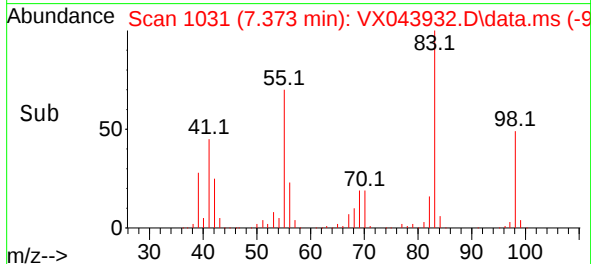
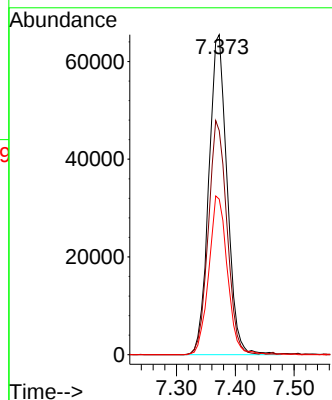
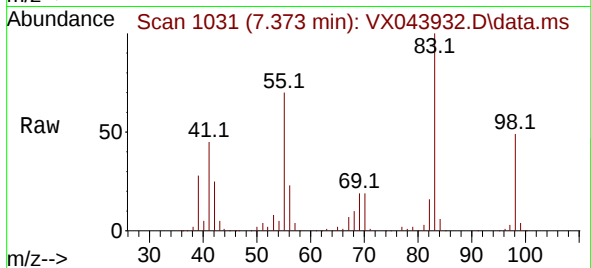




#39  
Methylcyclohexane  
Concen: 53.489 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

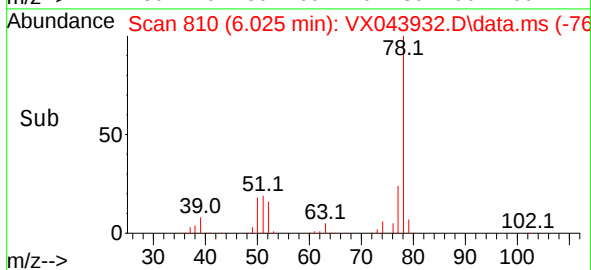
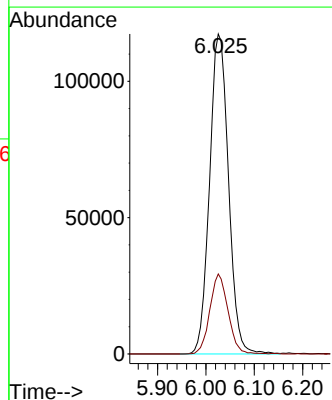
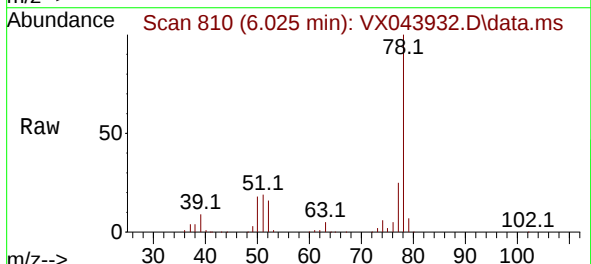
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

Tgt Ion: 83 Resp: 141696  
Ion Ratio Lower Upper  
83 100  
55 70.0 63.1 94.7  
98 48.6 40.0 60.0



#40  
Benzene  
Concen: 50.257 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 78 Resp: 319222  
Ion Ratio Lower Upper  
78 100  
77 25.0 19.2 28.8

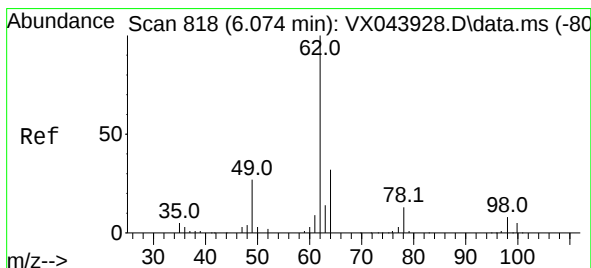
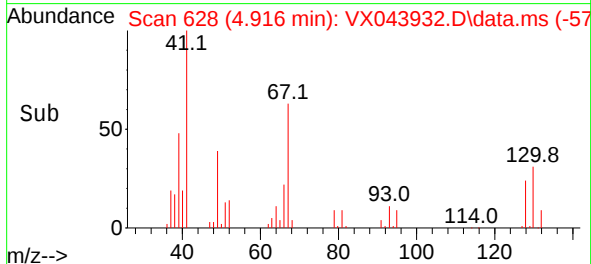
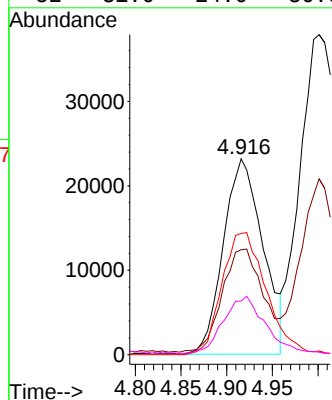
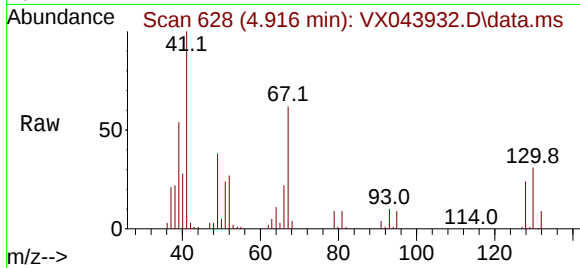




#41  
Methacrylonitrile  
Concen: 53.851 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

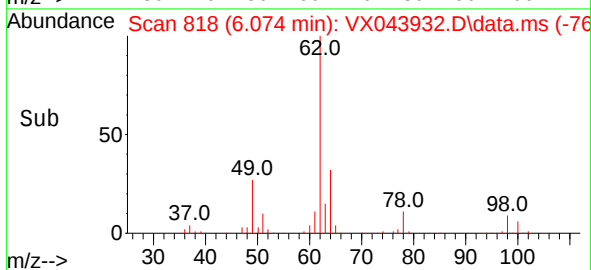
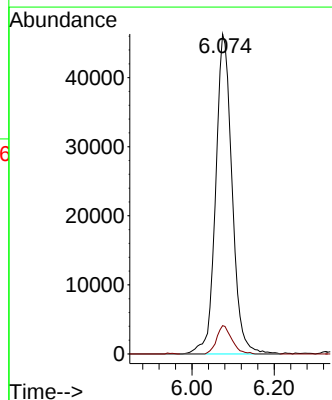
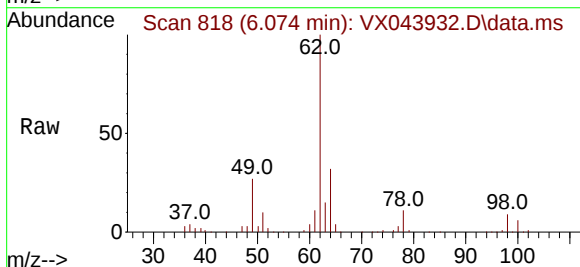
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

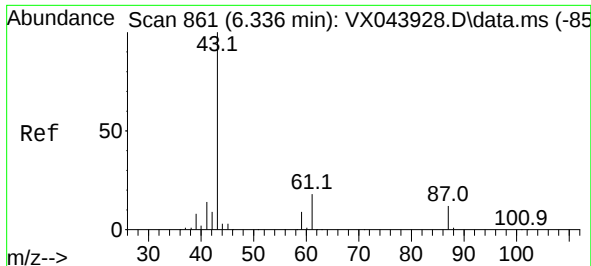
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69766 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.2  | 41.7  | 62.5  |
| 67       | 70.1  | 55.8  | 83.8  |
| 52       | 31.0  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 50.421 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 128623 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.2   | 0.0   | 16.4   |





#43

Isopropyl Acetate

Concen: 51.469 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

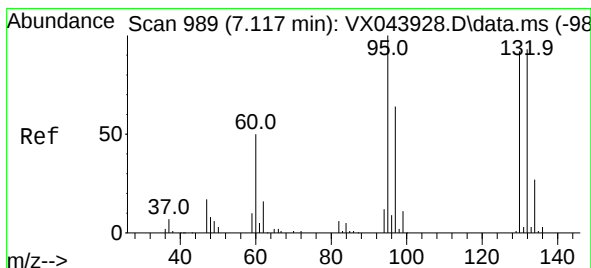
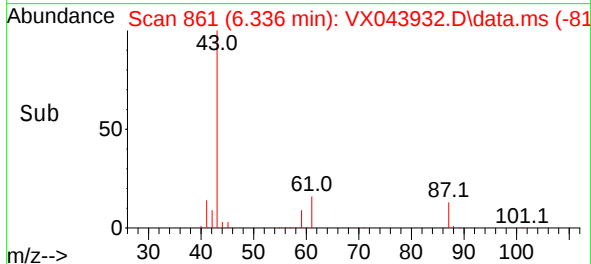
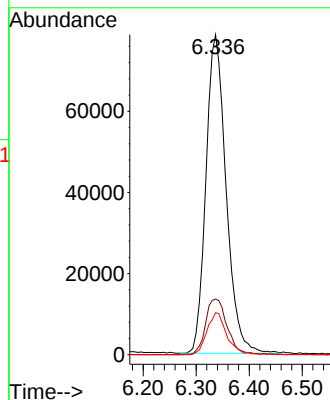
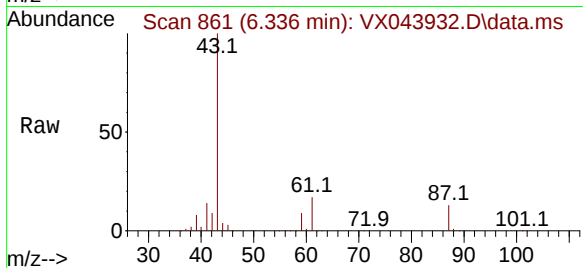
Tgt Ion: 43 Resp: 207332

Ion Ratio Lower Upper

43 100

61 18.6 14.5 21.7

87 12.9 10.2 15.2



#44

Trichloroethene

Concen: 44.554 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX043932.D

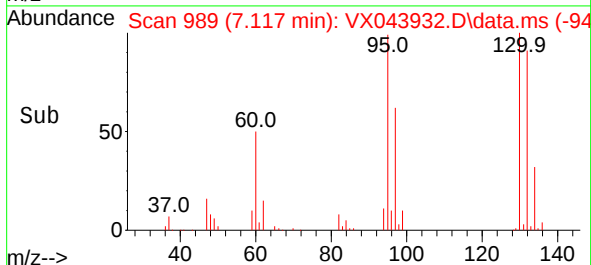
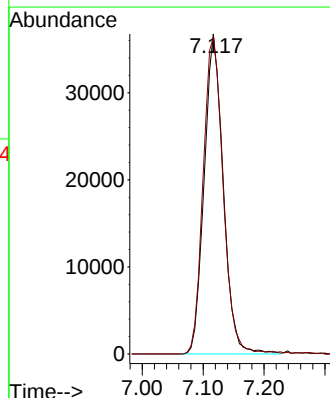
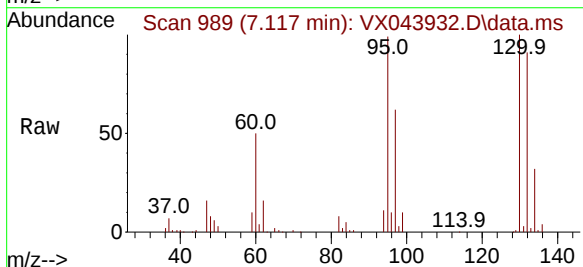
Acq: 21 Nov 2024 13:57

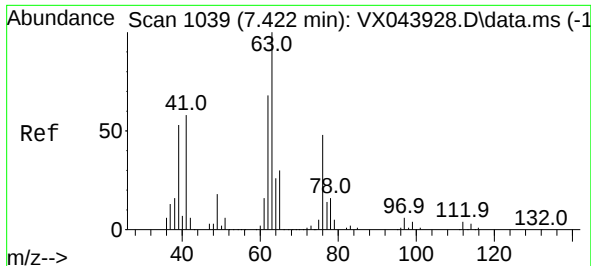
Tgt Ion:130 Resp: 80113

Ion Ratio Lower Upper

130 100

95 98.9 0.0 217.8





#45

1,2-Dichloropropane

Concen: 47.811 ug/l

RT: 7.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

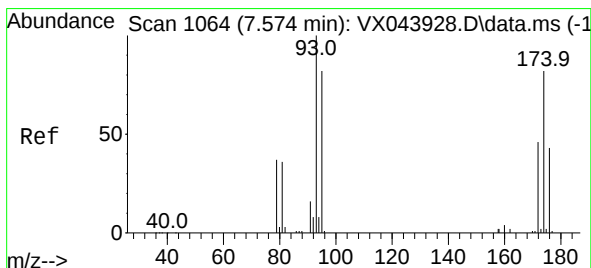
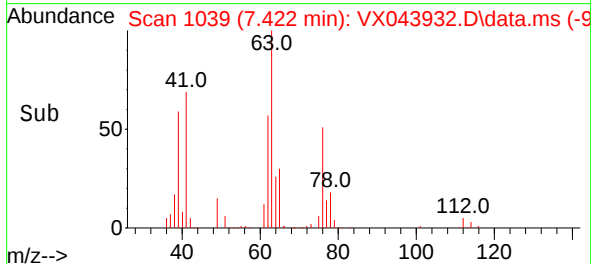
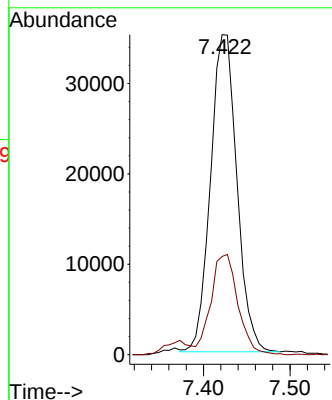
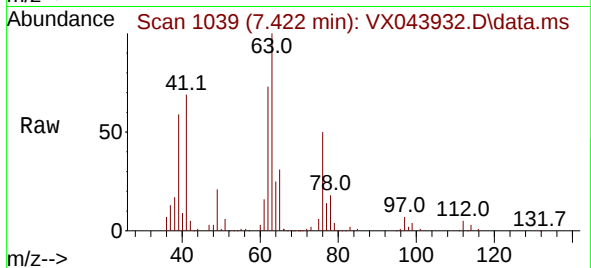
ICVX112124

Tgt Ion: 63 Resp: 74380

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 50.662 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

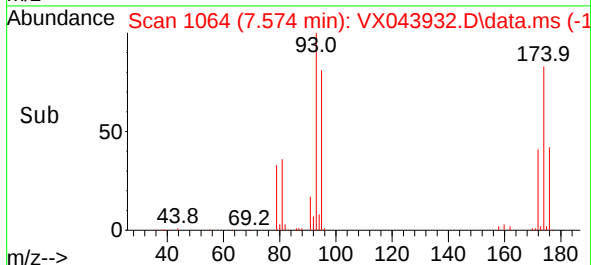
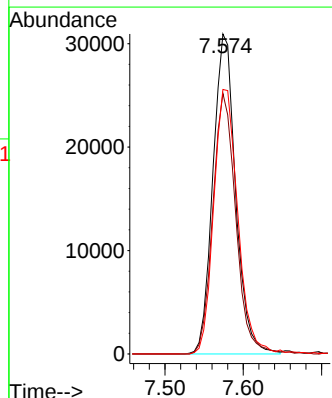
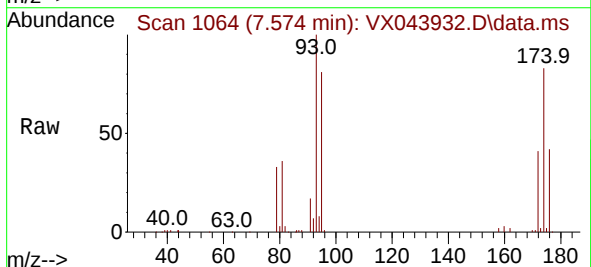
Tgt Ion: 93 Resp: 62345

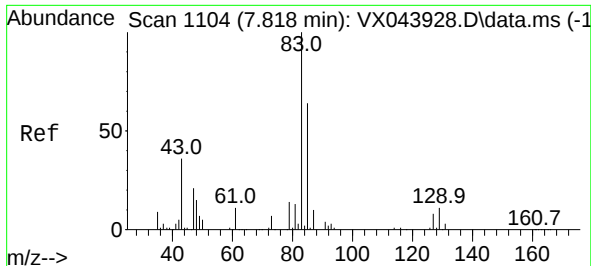
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 88.2 69.6 104.4

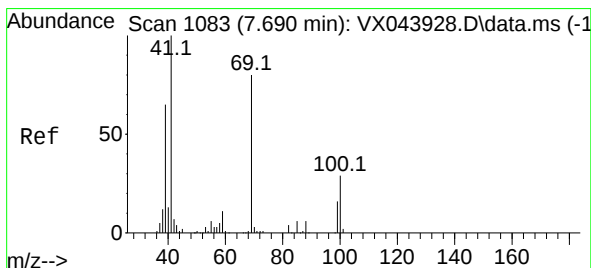
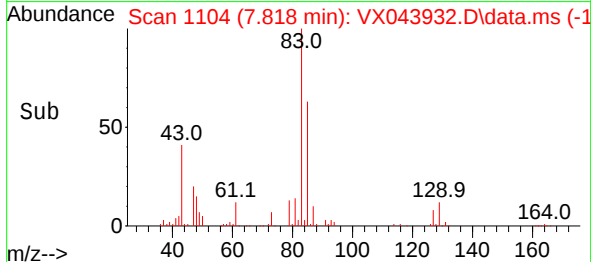
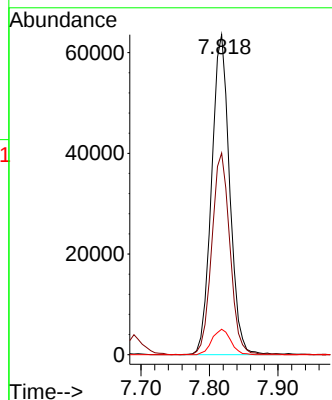
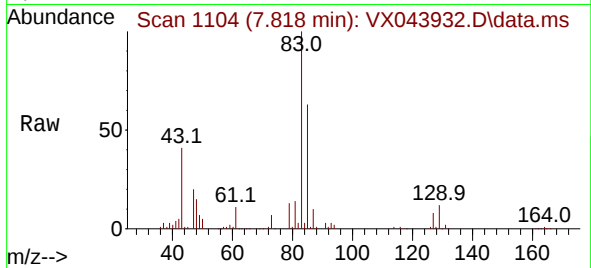




#47  
Bromodichloromethane  
Concen: 52.648 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

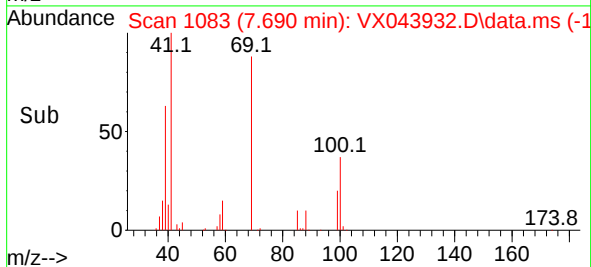
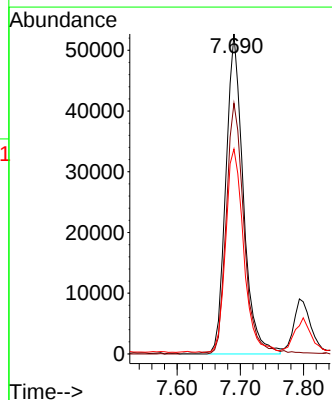
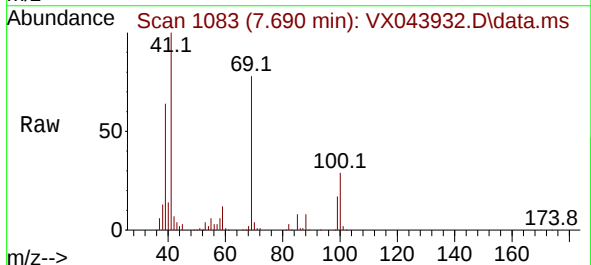
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

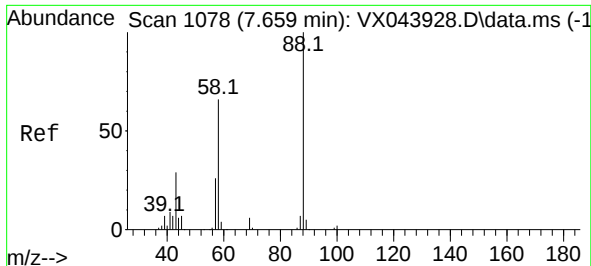
Tgt Ion: 83 Resp: 116199  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.4 77.0  
127 8.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 52.284 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 41 Resp: 101062  
Ion Ratio Lower Upper  
41 100  
69 80.0 64.6 97.0  
39 65.2 53.3 79.9





#49

1,4-Dioxane

Concen: 905.506 ug/l

RT: 7.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112124

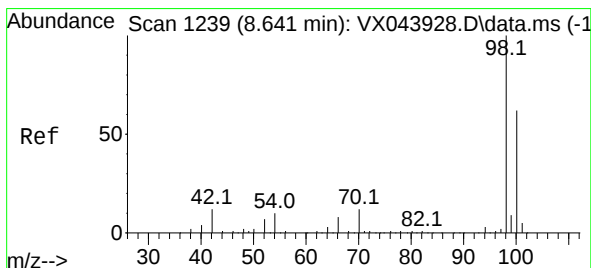
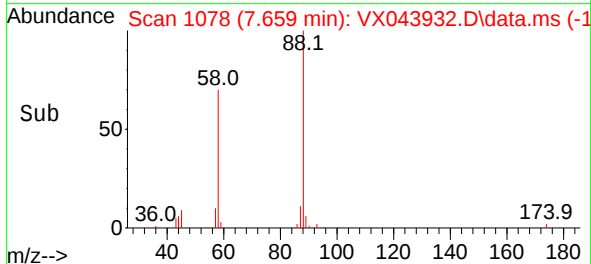
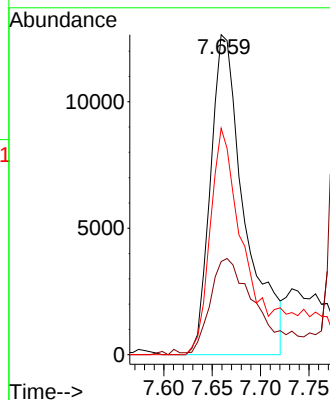
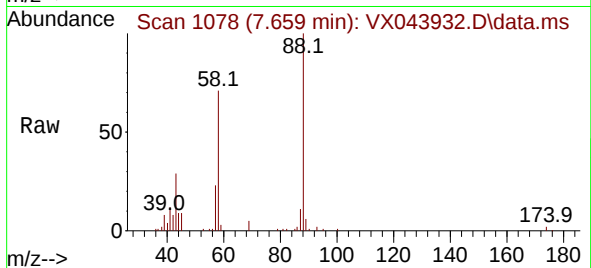
Tgt Ion: 88 Resp: 31178

Ion Ratio Lower Upper

88 100

43 39.9 26.8 40.2

58 68.3 45.4 68.2#



#50

Toluene-d8

Concen: 51.234 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043932.D

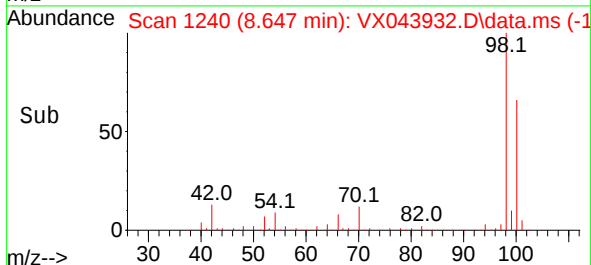
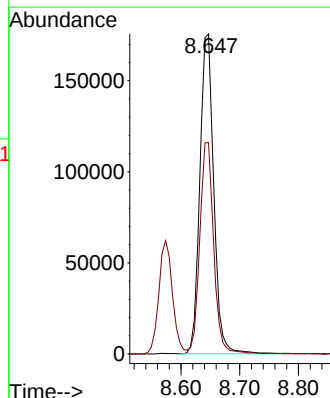
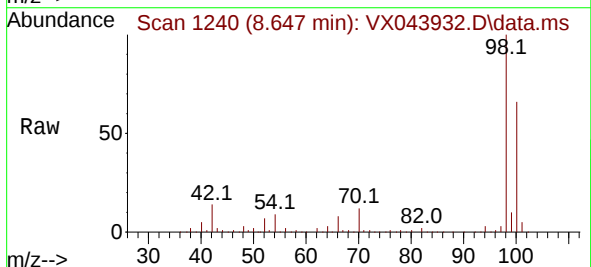
Acq: 21 Nov 2024 13:57

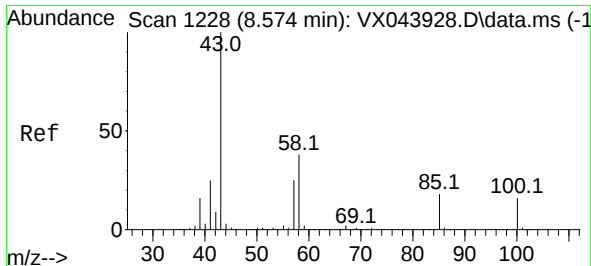
Tgt Ion: 98 Resp: 289000

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0

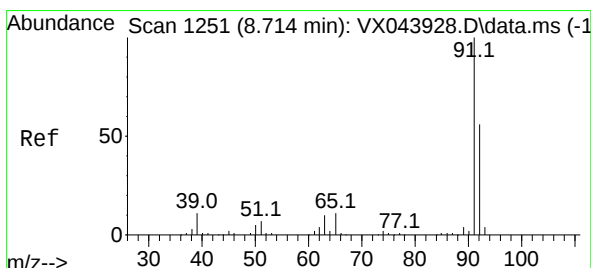
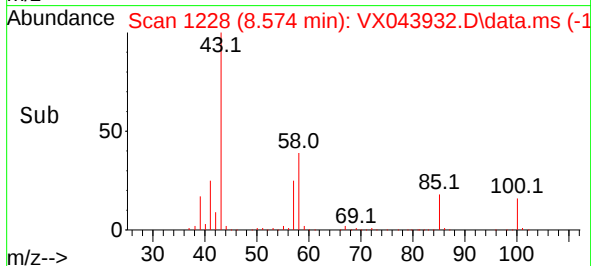
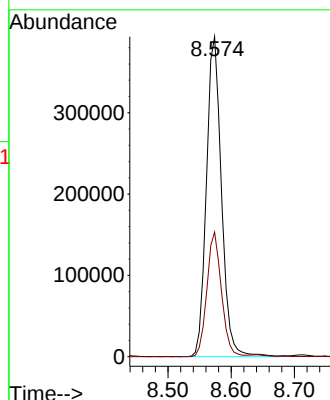
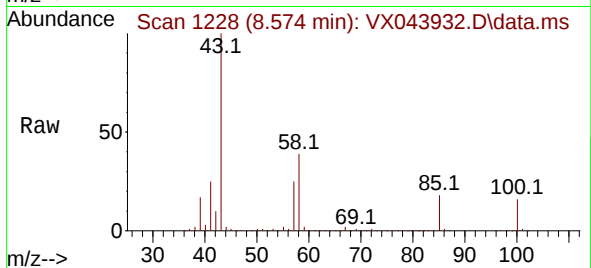




#51  
4-Methyl-2-Pentanone  
Concen: 265.520 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

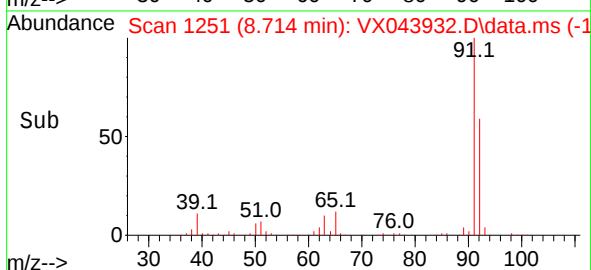
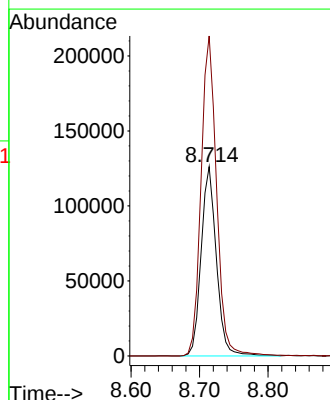
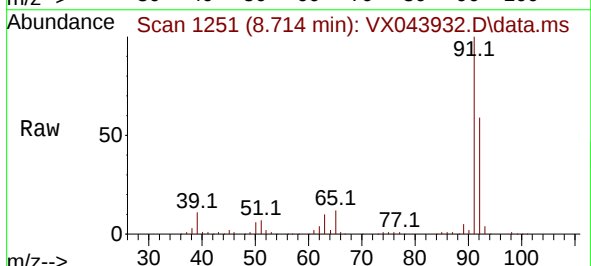
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

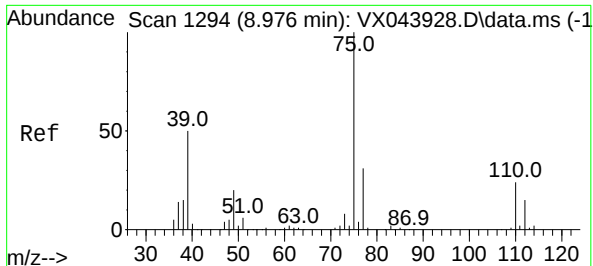
Tgt Ion: 43 Resp: 652721  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.0 45.0



#52  
Toluene  
Concen: 51.507 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 92 Resp: 195814  
Ion Ratio Lower Upper  
92 100  
91 172.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 53.077 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

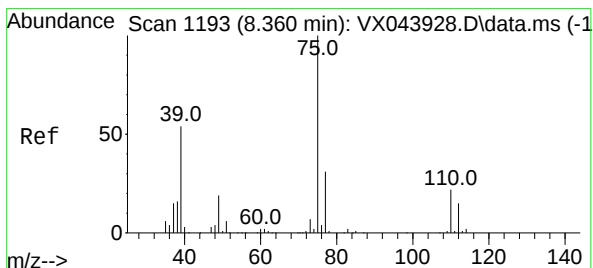
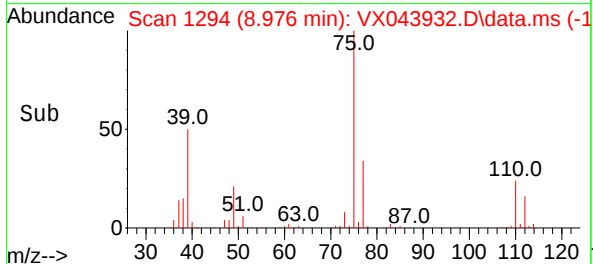
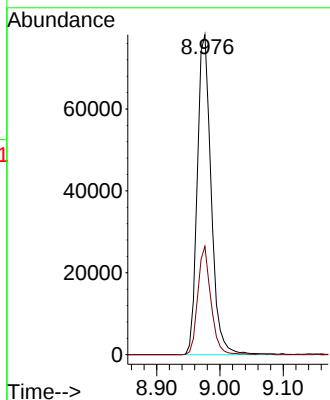
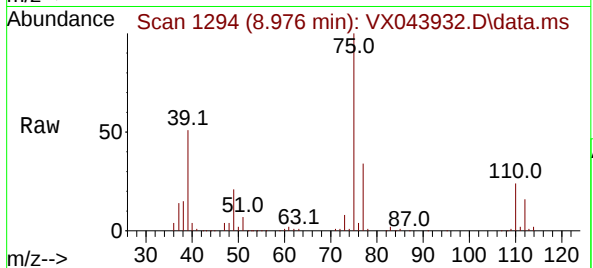
ICVVX112124

Tgt Ion: 75 Resp: 119461

Ion Ratio Lower Upper

75 100

77 33.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.205 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

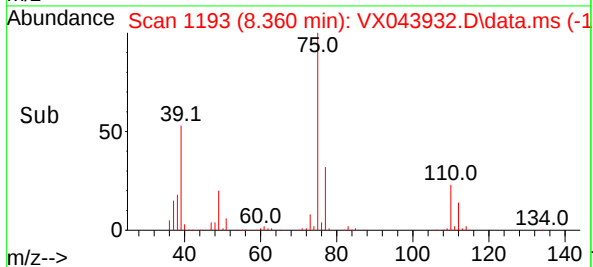
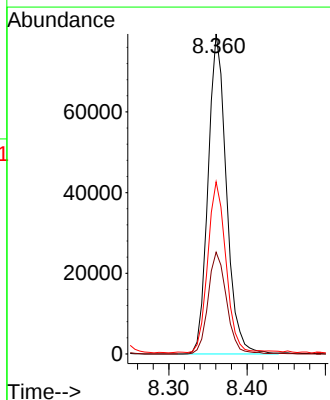
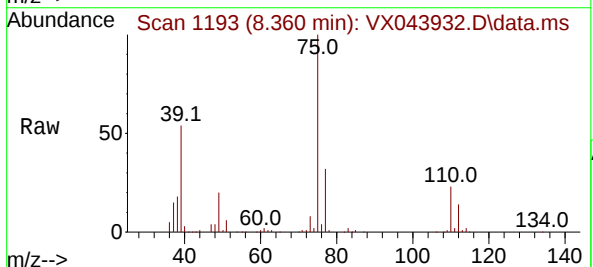
Tgt Ion: 75 Resp: 128808

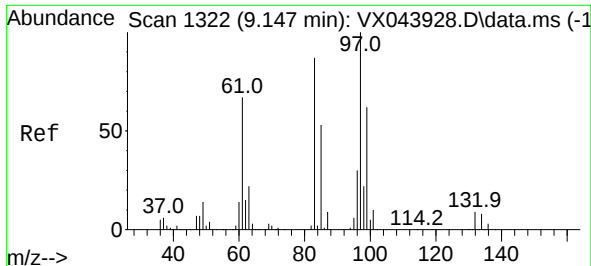
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 53.2 43.1 64.7



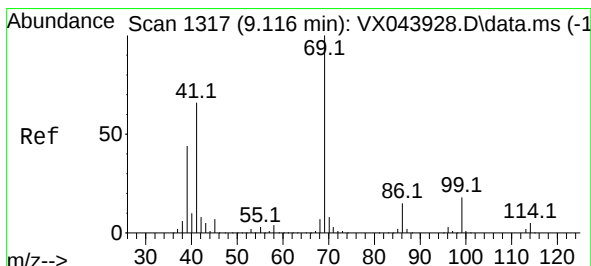
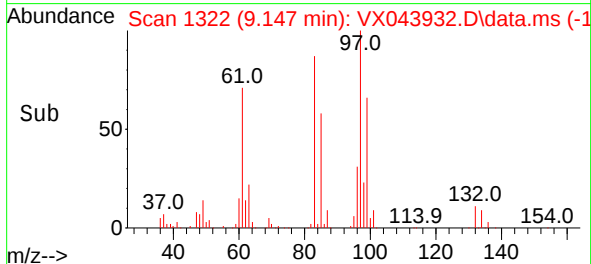
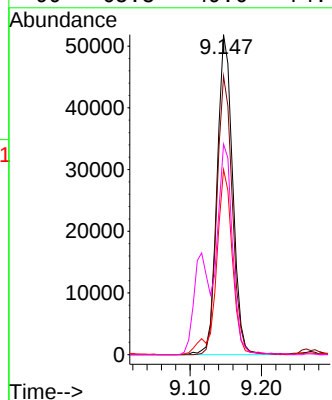
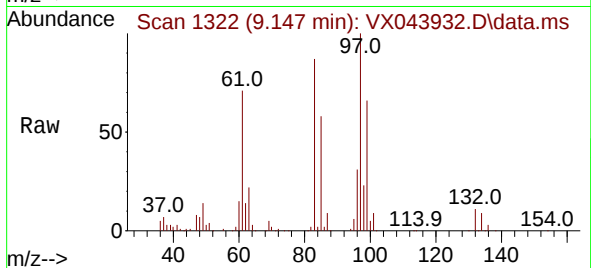


#55  
1,1,2-Trichloroethane  
Concen: 50.069 ug/l  
RT: 9.147 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Instrument : MSVOA\_X  
ClientSampleId : ICVVX112124

Tgt Ion: 97 Resp: 78575

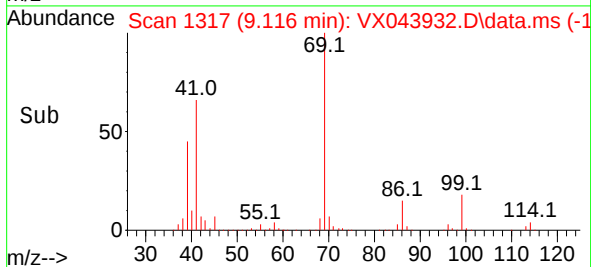
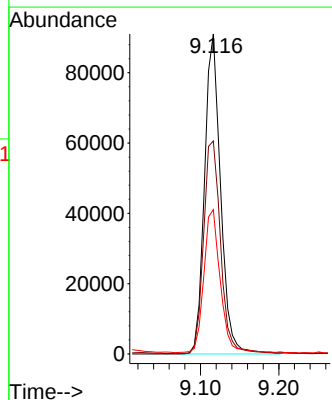
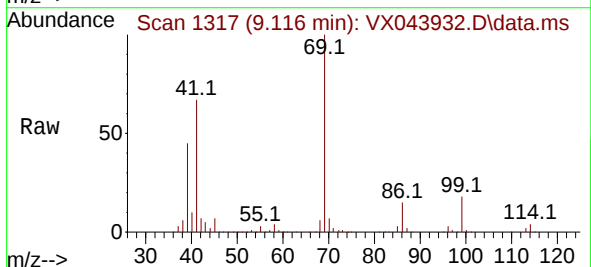
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.0  | 69.4  | 104.0 |
| 85  | 57.7  | 42.3  | 63.5  |
| 99  | 65.8  | 49.6  | 74.4  |

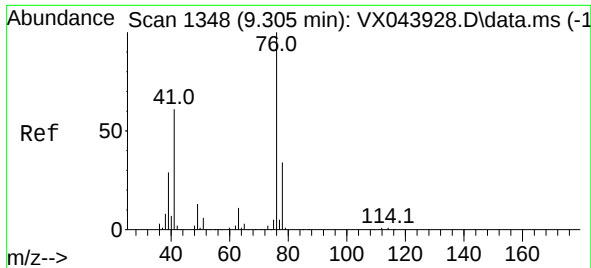


#56  
Ethyl methacrylate  
Concen: 53.118 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 69 Resp: 129841

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.8  | 55.8  | 83.8  |
| 39  | 46.1  | 36.7  | 55.1  |

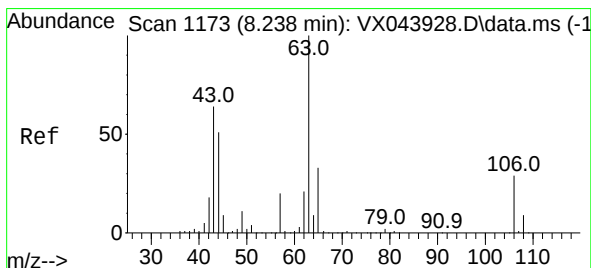
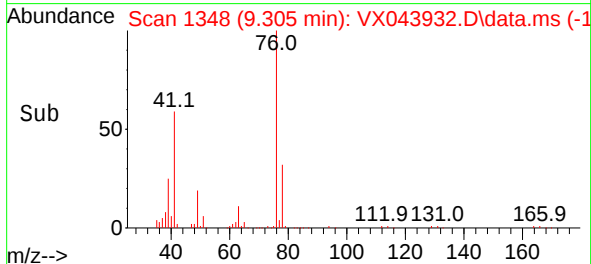
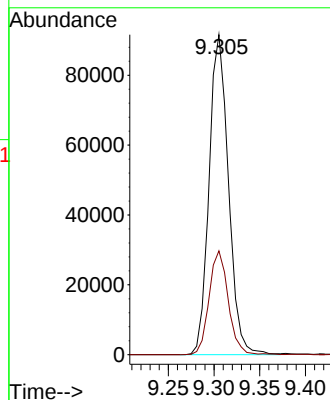
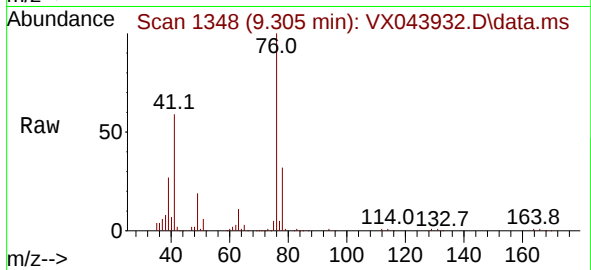




#57  
1,3-Dichloropropane  
Concen: 50.945 ug/l  
RT: 9.305 min Scan# 114  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

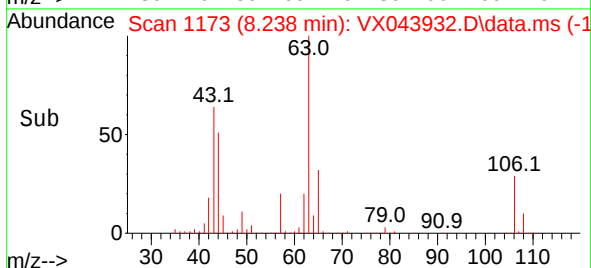
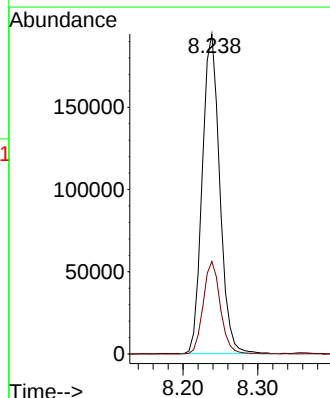
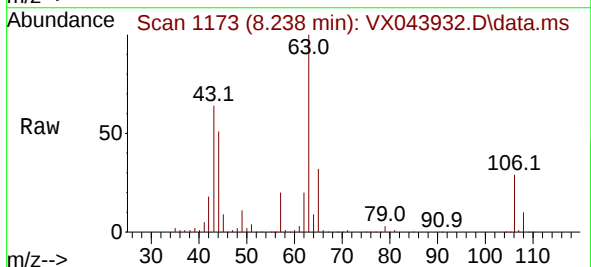
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

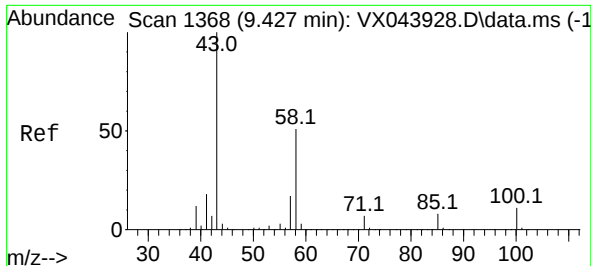
Tgt Ion: 76 Resp: 134680  
Ion Ratio Lower Upper  
76 100  
78 32.1 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 235.230 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 63 Resp: 315358  
Ion Ratio Lower Upper  
63 100  
106 28.4 23.0 34.6

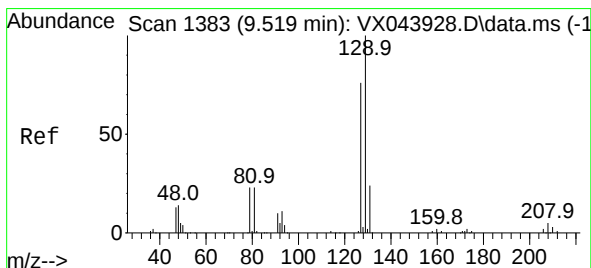
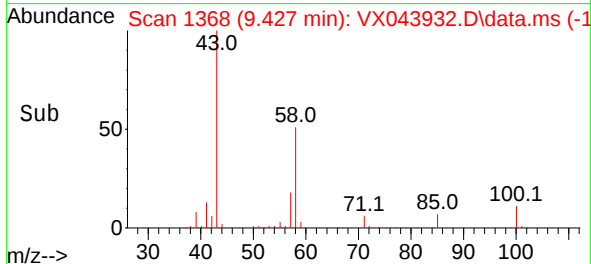
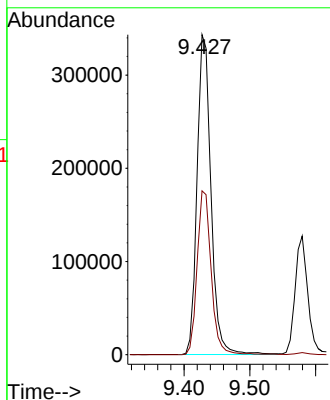
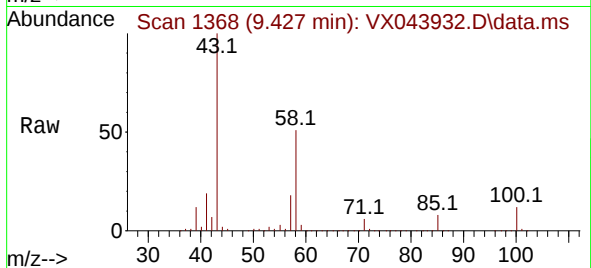




#59  
2-Hexanone  
Concen: 273.011 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

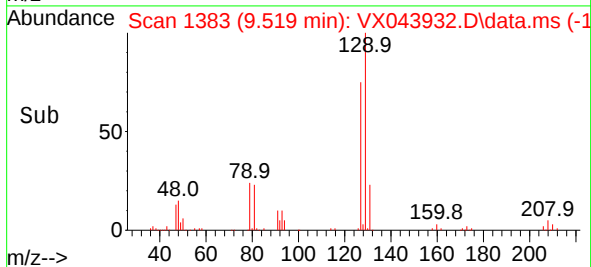
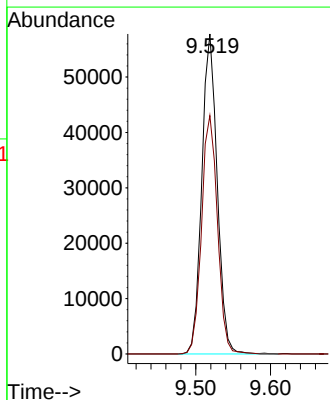
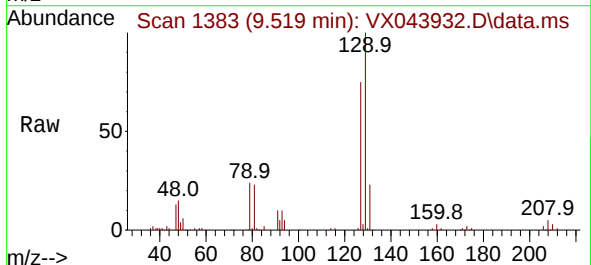
Instrument : MSVOA\_X  
ClientSampleId : ICVVX112124

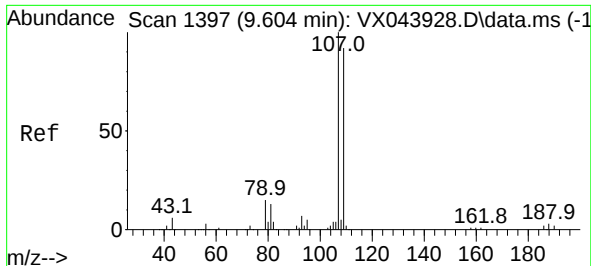
Tgt Ion: 43 Resp: 504444  
Ion Ratio Lower Upper  
43 100  
58 51.8 25.9 77.6



#60  
Dibromochloromethane  
Concen: 52.557 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 129 Resp: 82754  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.367 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

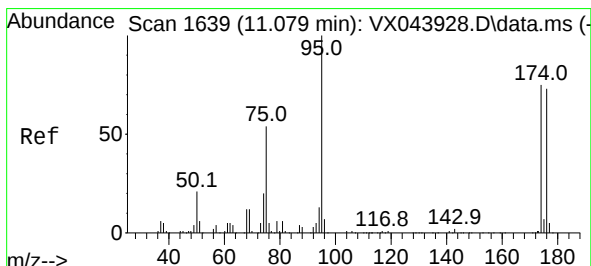
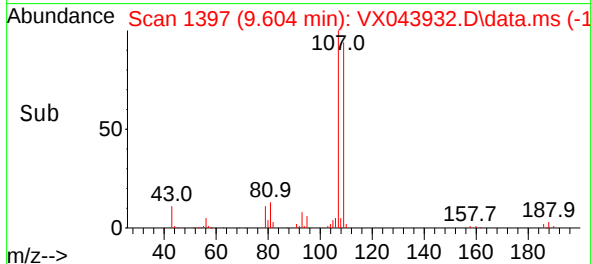
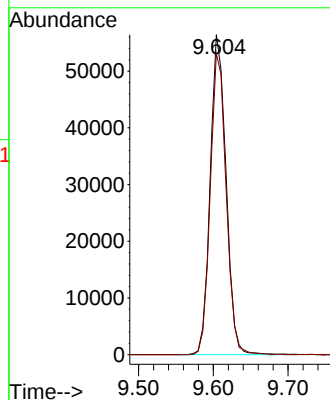
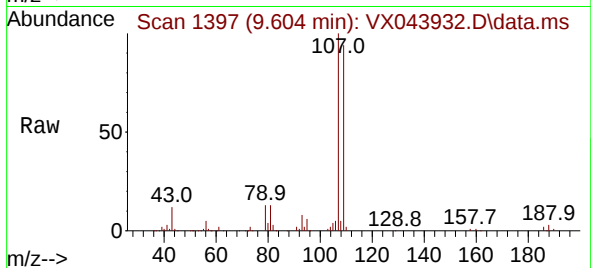
ICVX112124

Tgt Ion:107 Resp: 83098

Ion Ratio Lower Upper

107 100

109 94.2 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 53.987 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

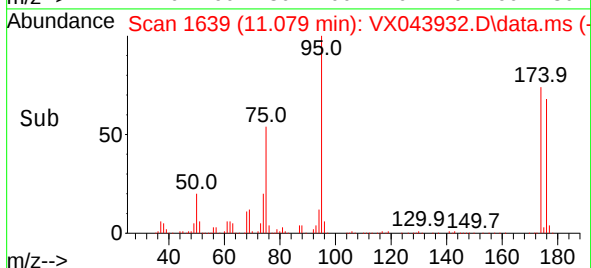
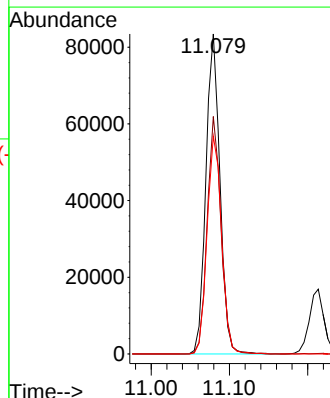
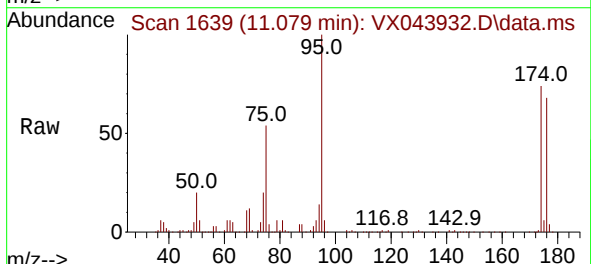
Tgt Ion: 95 Resp: 103640

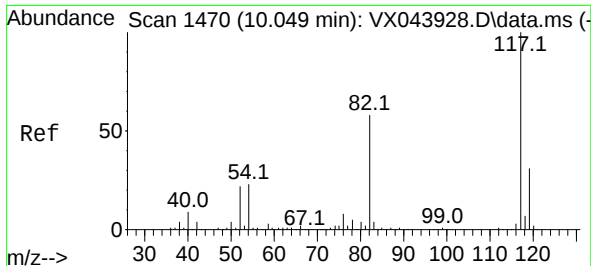
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 70.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112124

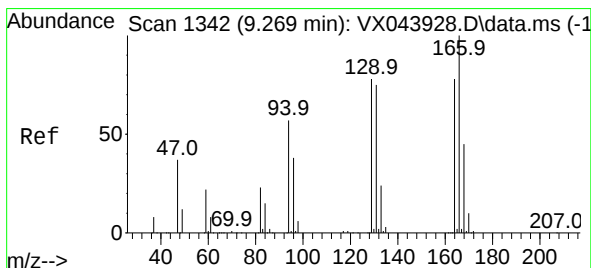
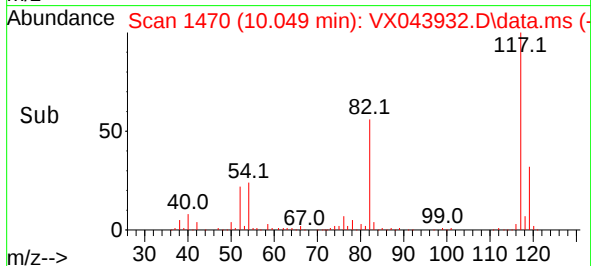
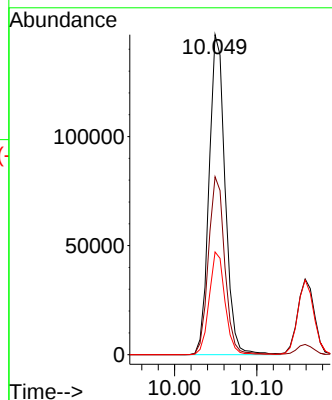
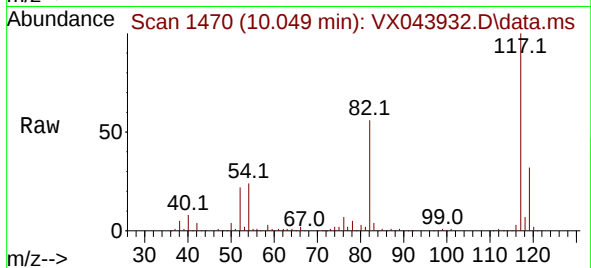
Tgt Ion:117 Resp: 198776

Ion Ratio Lower Upper

117 100

82 55.6 46.4 69.6

119 32.1 24.6 37.0



#64

Tetrachloroethene

Concen: 50.396 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Tgt Ion:164 Resp: 66054

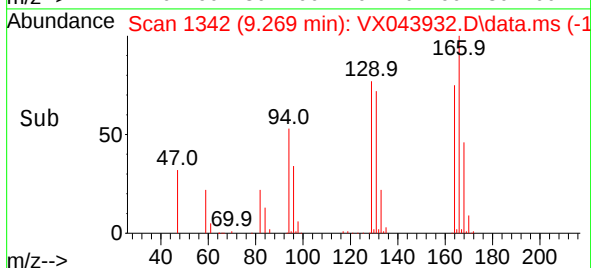
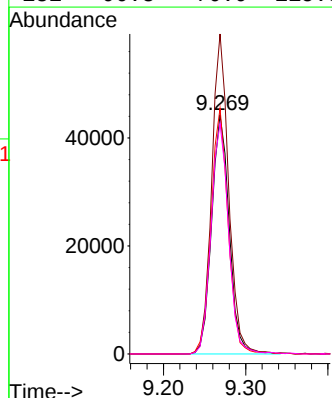
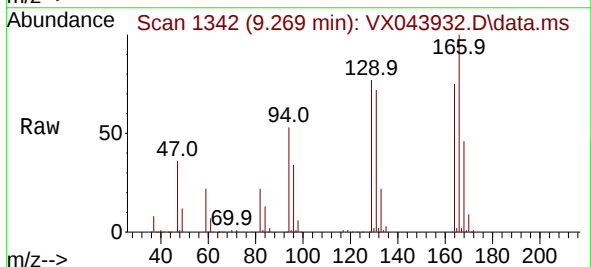
Ion Ratio Lower Upper

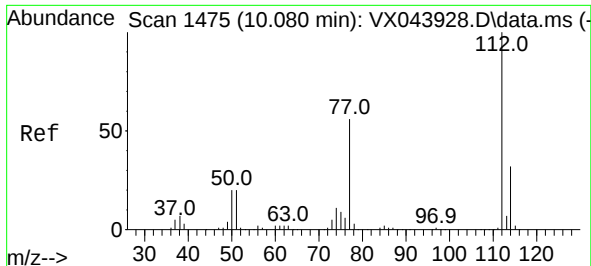
164 100

166 133.9 102.1 153.1

129 102.7 79.6 119.4

131 96.3 76.9 115.3





#65

Chlorobenzene

Concen: 48.094 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

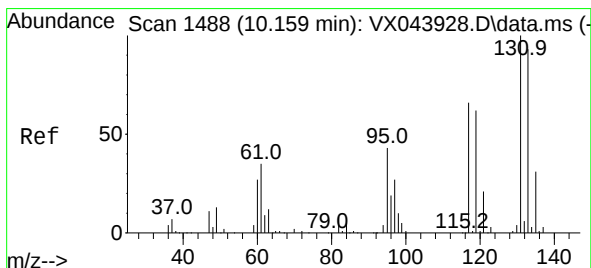
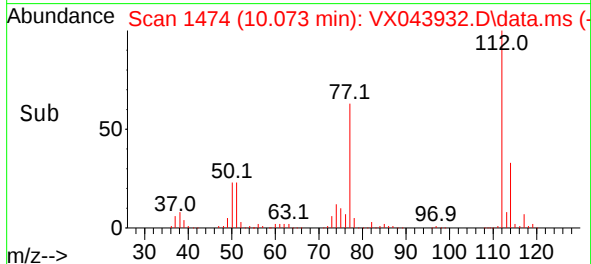
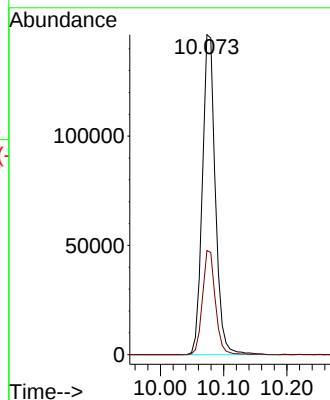
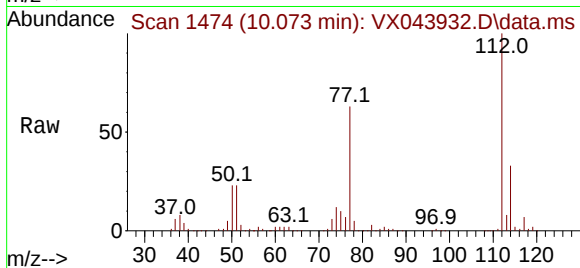
ICVX112124

Tgt Ion:112 Resp: 209963

Ion Ratio Lower Upper

112 100

114 32.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.515 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

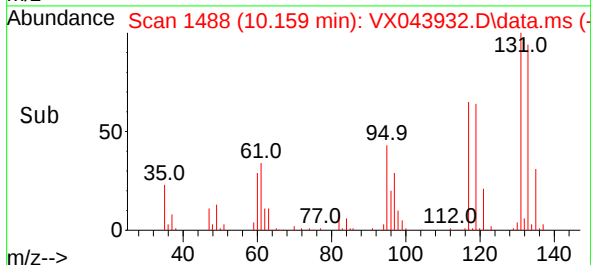
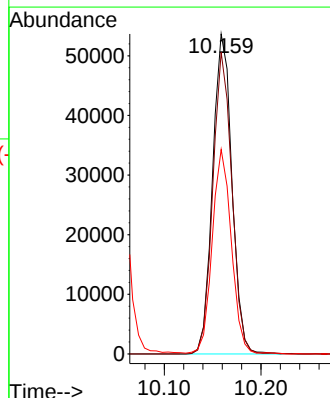
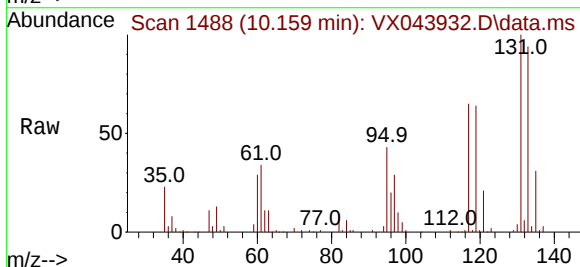
Tgt Ion:131 Resp: 74354

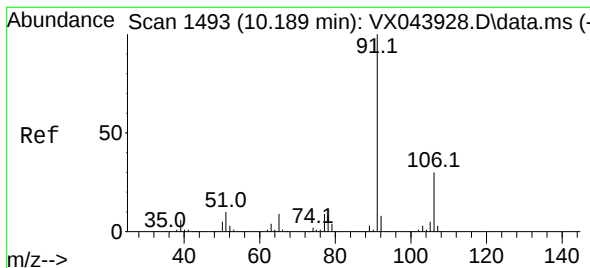
Ion Ratio Lower Upper

131 100

133 92.9 48.2 144.6

119 63.5 31.5 94.5





#67

Ethyl Benzene

Concen: 50.991 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

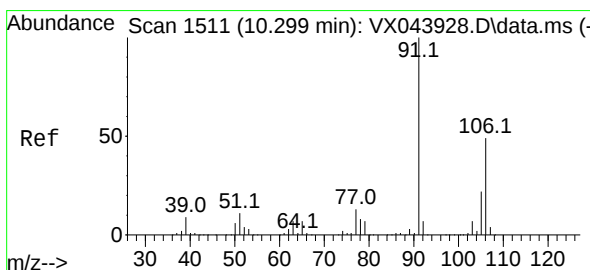
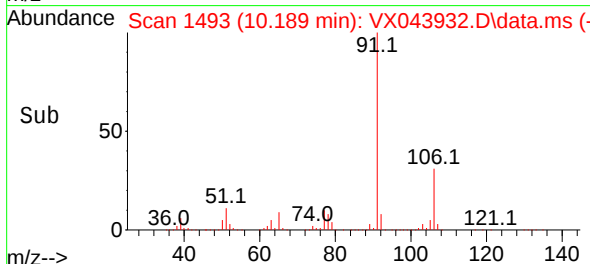
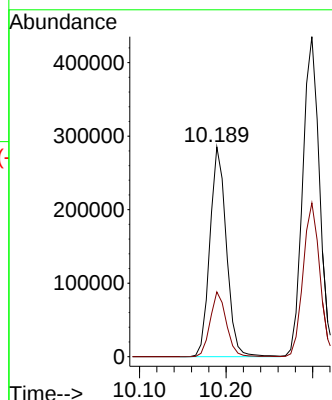
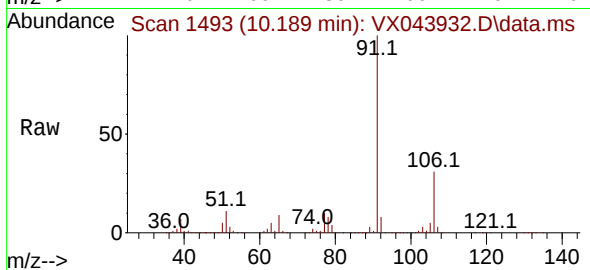
ICVVX112124

Tgt Ion: 91 Resp: 377215

Ion Ratio Lower Upper

91 100

106 30.9 23.6 35.4



#68

m/p-Xylenes

Concen: 102.572 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043932.D

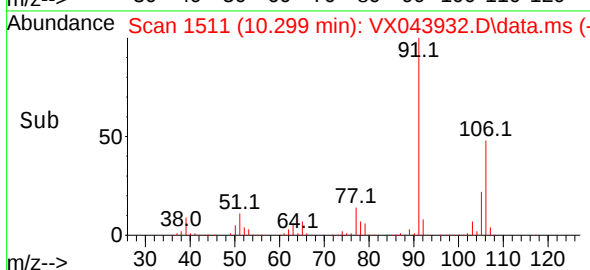
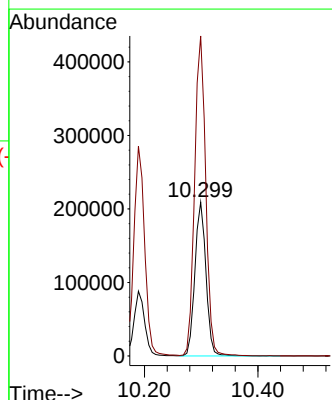
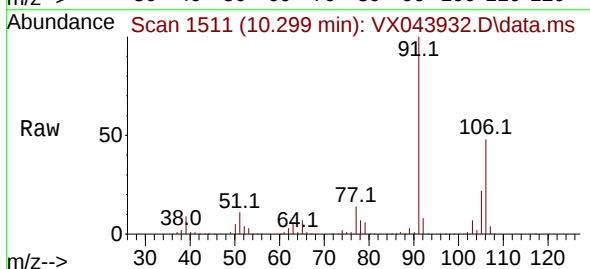
Acq: 21 Nov 2024 13:57

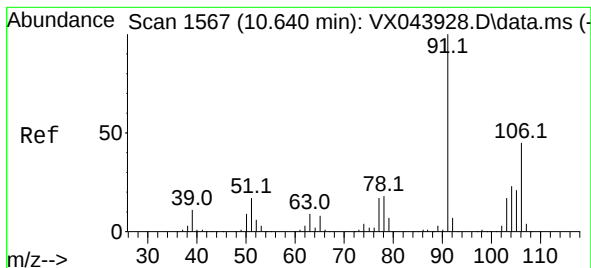
Tgt Ion:106 Resp: 282971

Ion Ratio Lower Upper

106 100

91 208.6 168.1 252.1

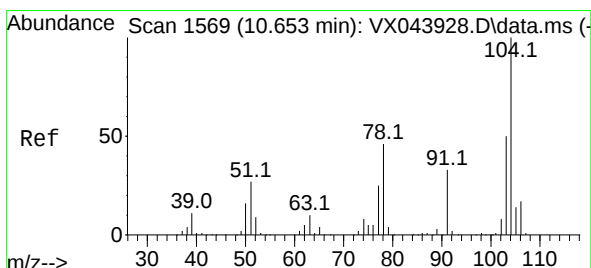
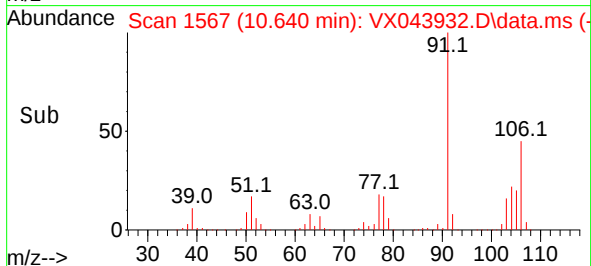
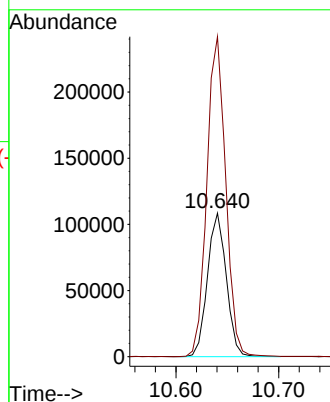
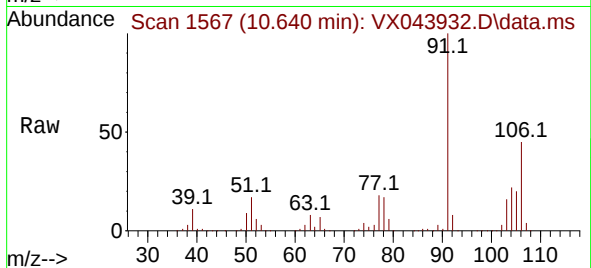




#69  
o-Xylene  
Concen: 51.396 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

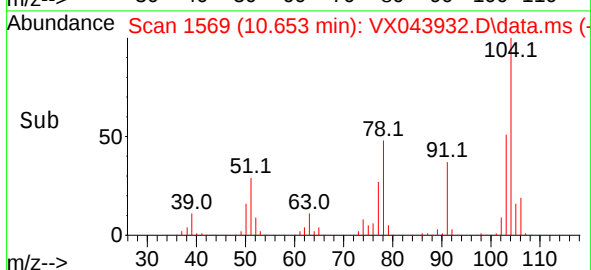
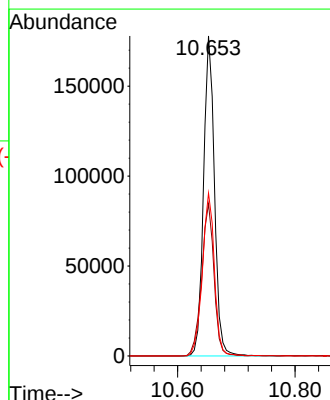
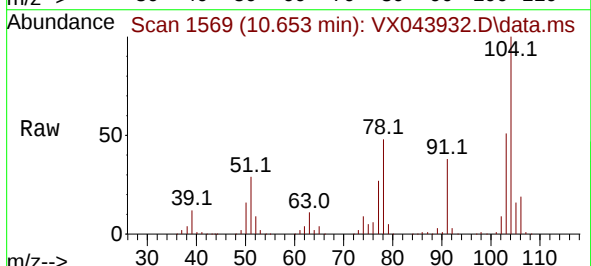
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

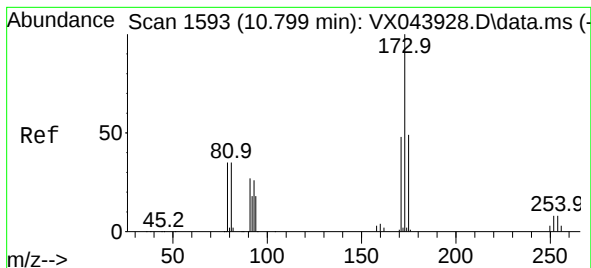
Tgt Ion:106 Resp: 138437  
Ion Ratio Lower Upper  
106 100  
91 223.5 110.2 330.6



#70  
Styrene  
Concen: 51.728 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion:104 Resp: 230449  
Ion Ratio Lower Upper  
104 100  
78 53.9 42.2 63.2  
103 56.0 44.7 67.1





#71

Bromoform

Concen: 47.449 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

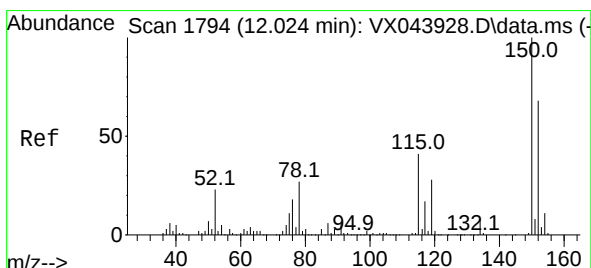
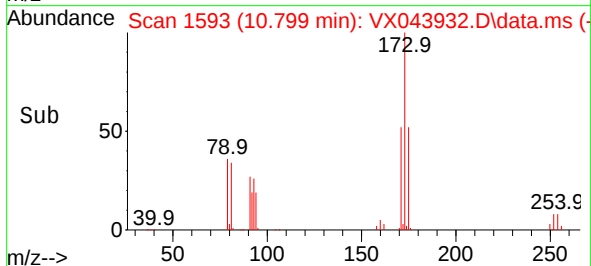
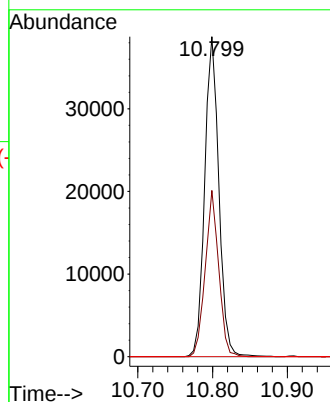
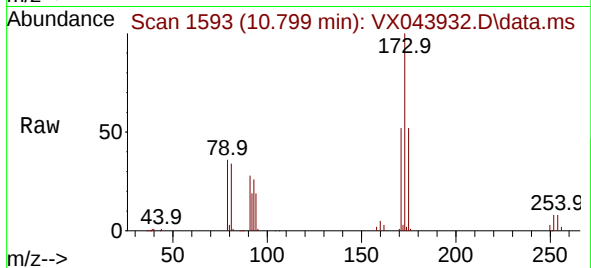
Tgt Ion:173 Resp: 50837

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

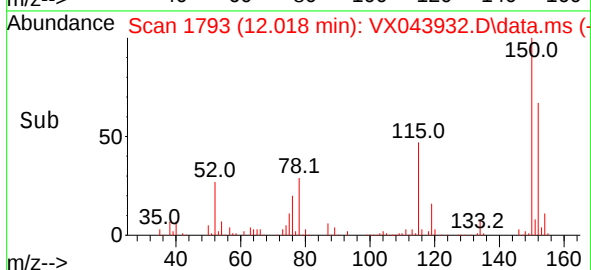
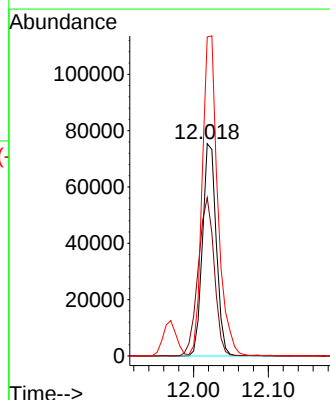
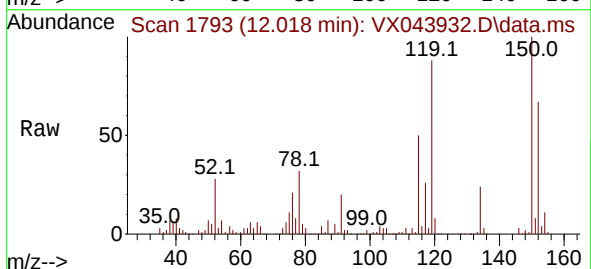
Tgt Ion:152 Resp: 96489

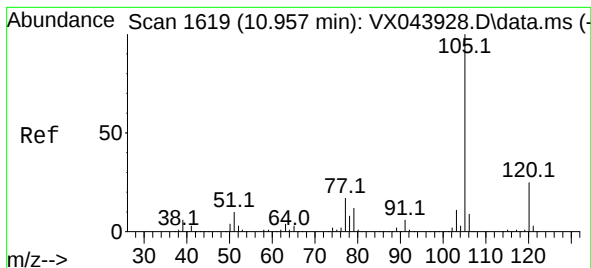
Ion Ratio Lower Upper

152 100

115 87.3 45.4 136.2

150 169.5 0.0 353.0





#73

Isopropylbenzene

Concen: 49.222 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

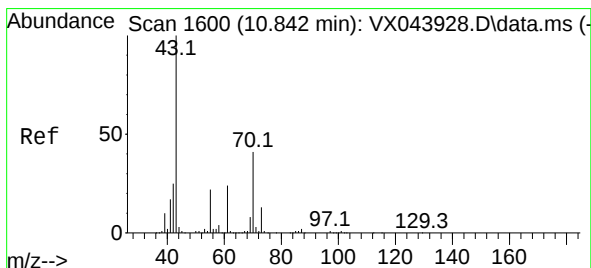
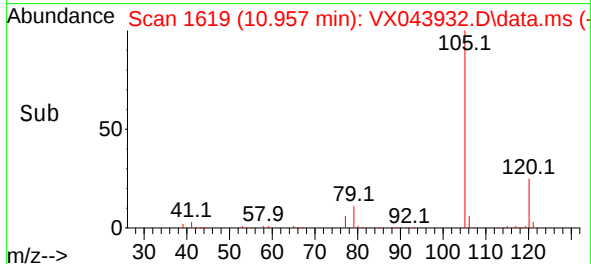
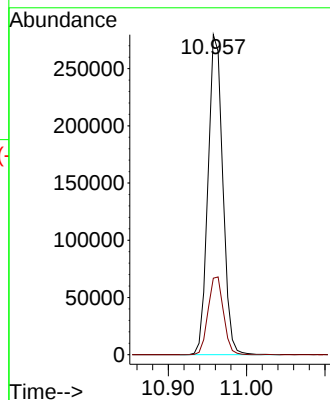
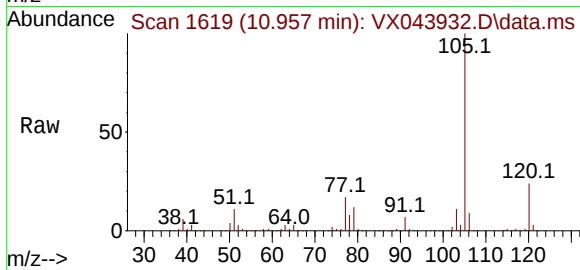
ICVXX112124

Tgt Ion:105 Resp: 365084

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9



#74

N-ethyl acetate

Concen: 51.406 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Tgt Ion: 43 Resp: 176627

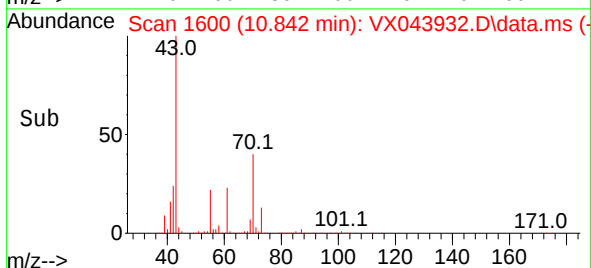
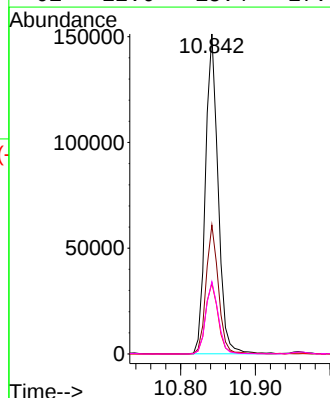
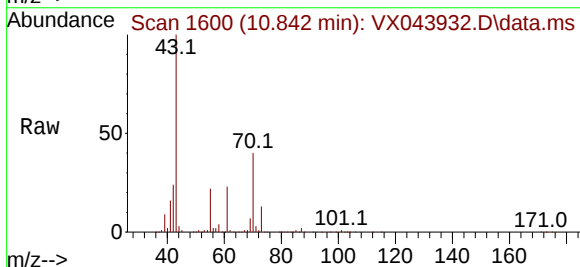
Ion Ratio Lower Upper

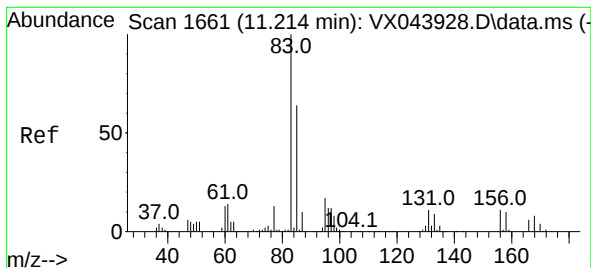
43 100

70 39.7 32.2 48.2

55 22.4 18.1 27.1

61 22.6 18.4 27.6

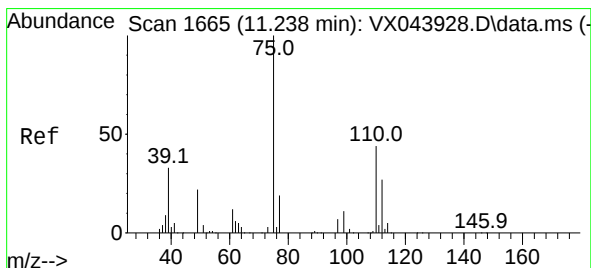
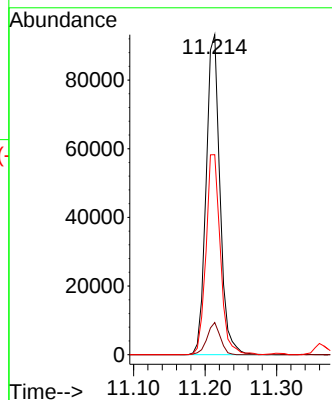
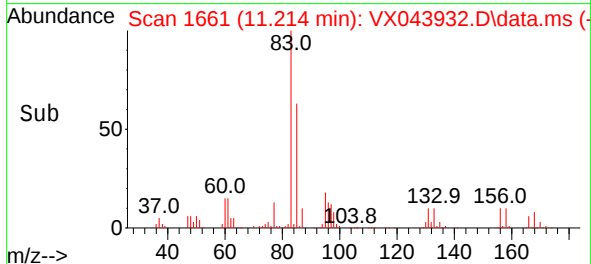
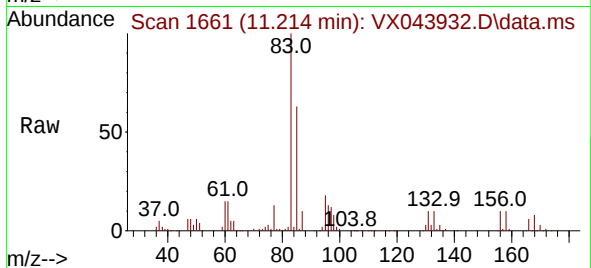




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.356 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

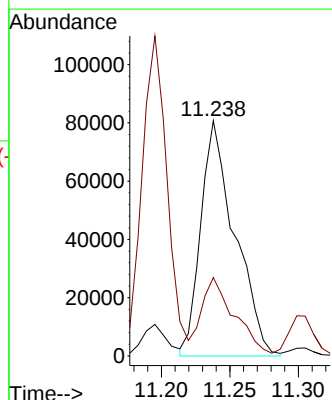
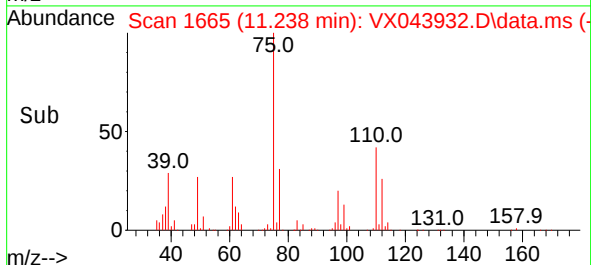
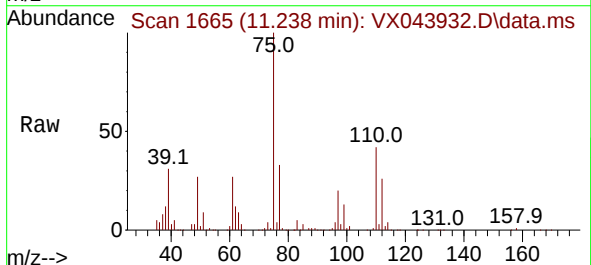
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX112124

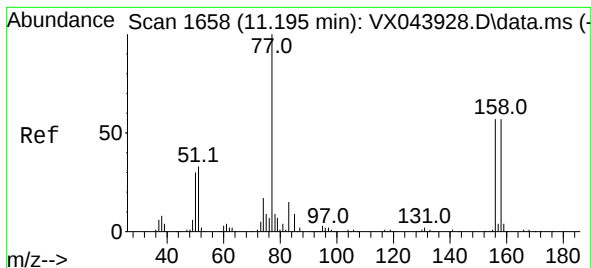
Tgt Ion: 83 Resp: 125346  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.1 15.2  
85 64.9 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 66.099 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 75 Resp: 139865  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.8 65.3





#77

Bromobenzene

Concen: 48.081 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

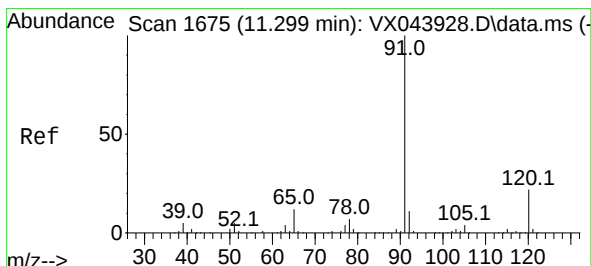
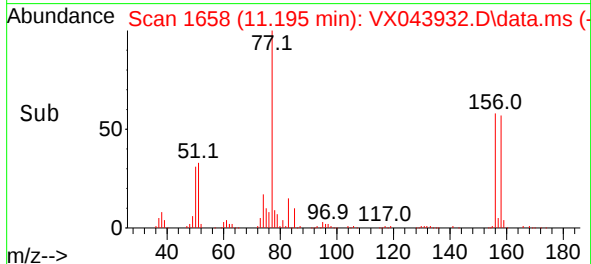
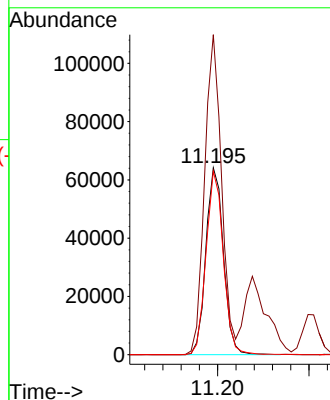
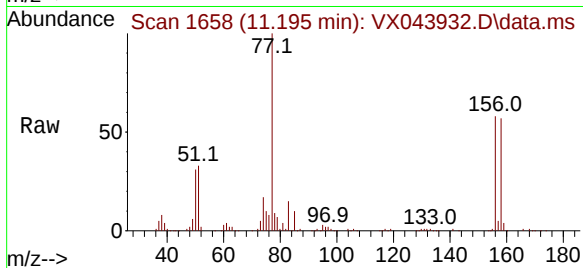
Tgt Ion:156 Resp: 85070

Ion Ratio Lower Upper

156 100

77 165.4 83.4 250.1

158 96.9 47.6 142.8



#78

n-propylbenzene

Concen: 50.652 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX043932.D

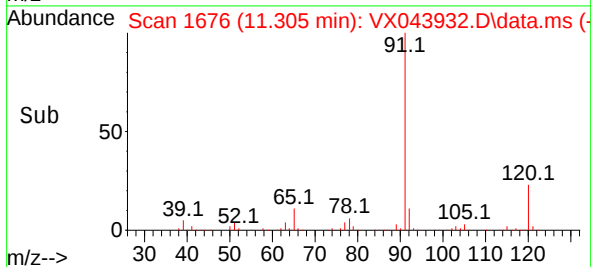
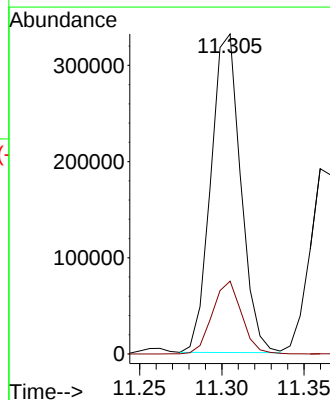
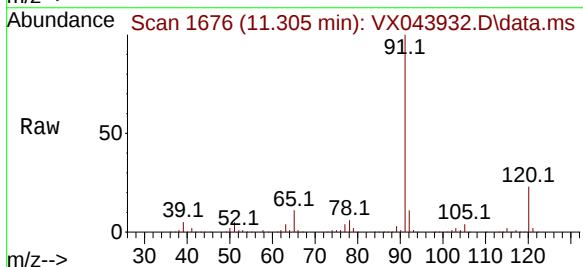
Acq: 21 Nov 2024 13:57

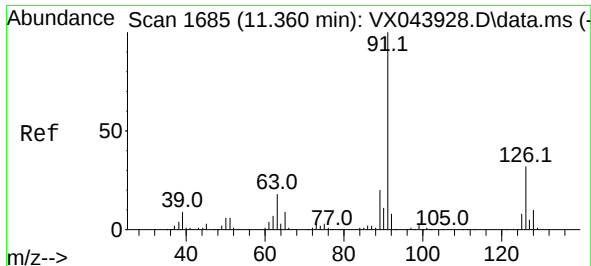
Tgt Ion: 91 Resp: 419586

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

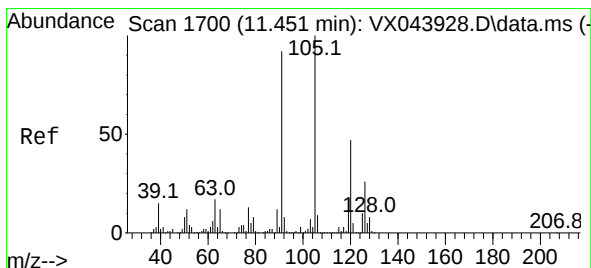
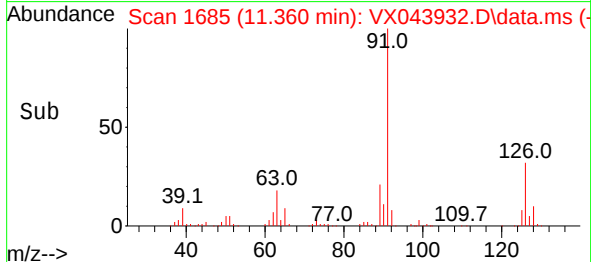
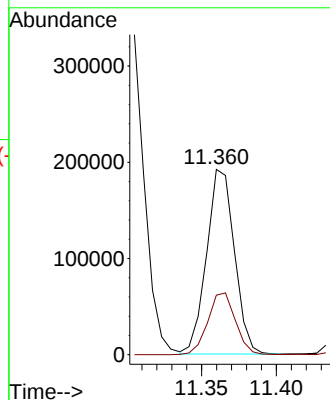
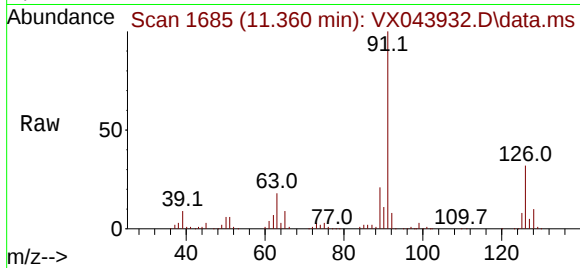




#79  
2-Chlorotoluene  
Concen: 47.551 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

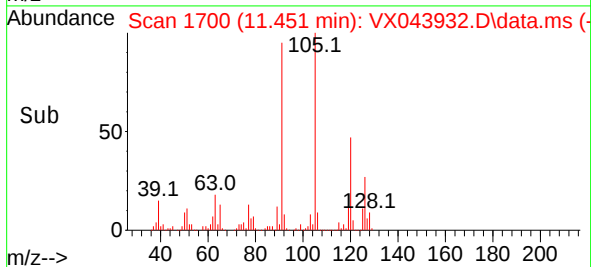
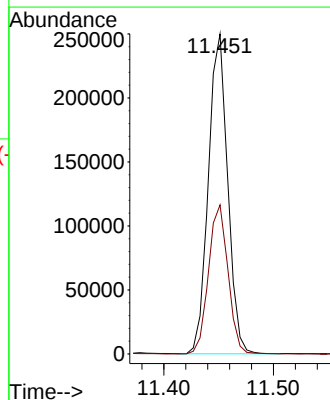
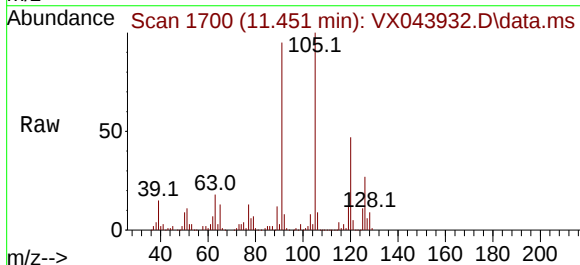
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

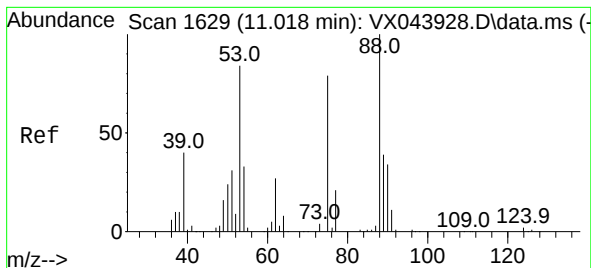
Tgt Ion: 91 Resp: 249079  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 50.134 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion:105 Resp: 305922  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.3 69.8

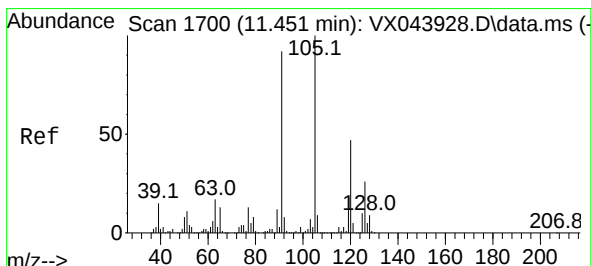
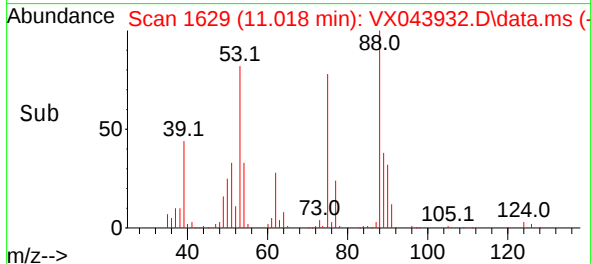
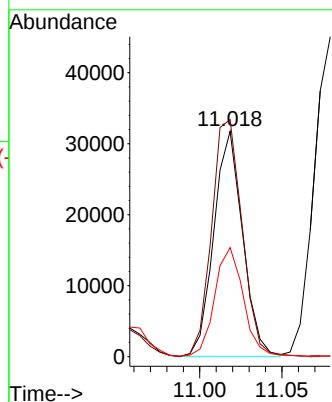
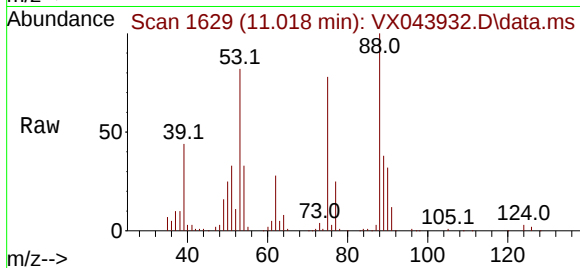




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.756 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

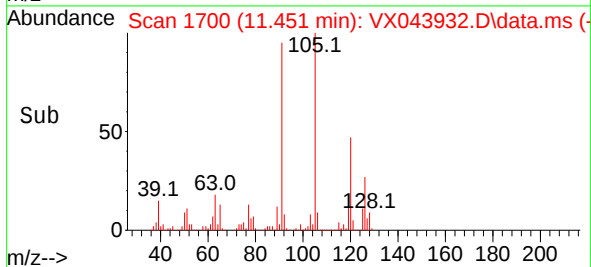
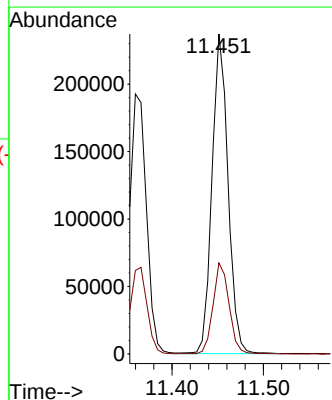
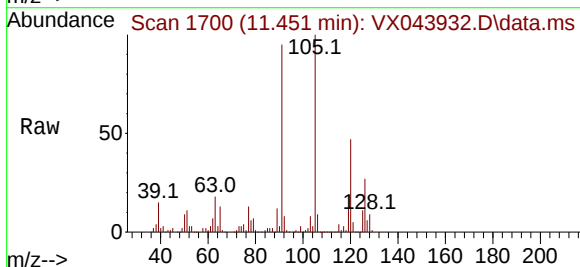
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

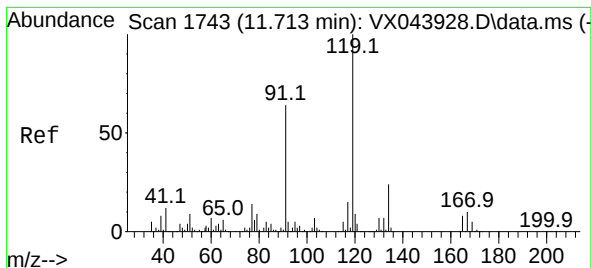
Tgt Ion: 75 Resp: 38583  
Ion Ratio Lower Upper  
75 100  
53 111.7 86.7 130.1  
89 48.1 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 48.652 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion: 91 Resp: 287717  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.3 42.9





#83

tert-Butylbenzene

Concen: 50.165 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

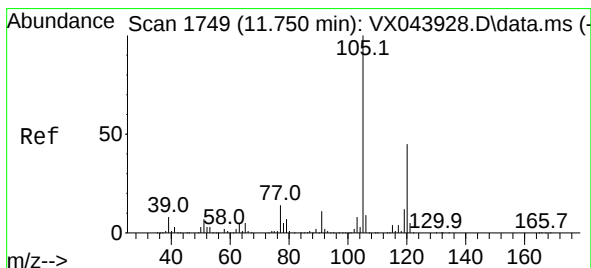
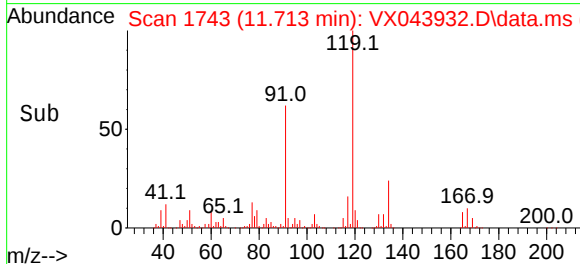
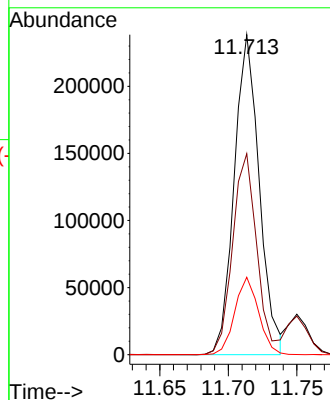
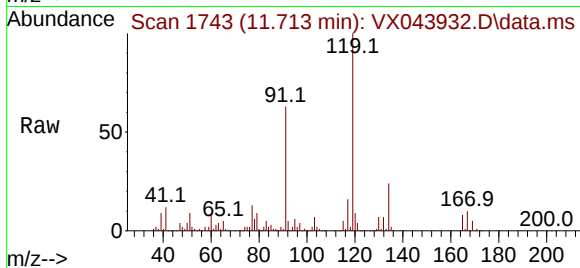
Tgt Ion:119 Resp: 303408

Ion Ratio Lower Upper

119 100

91 61.2 31.0 93.0

134 23.1 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 50.410 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043932.D

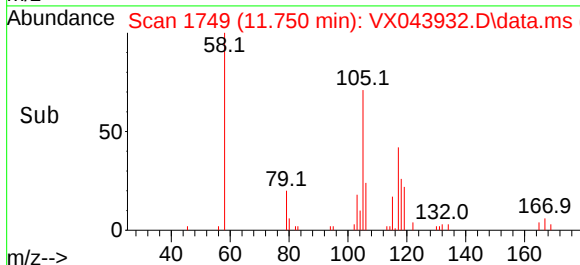
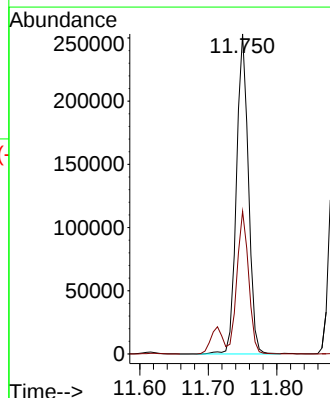
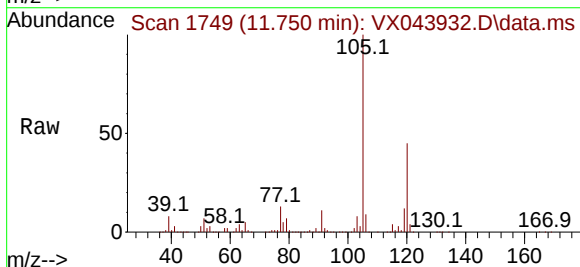
Acq: 21 Nov 2024 13:57

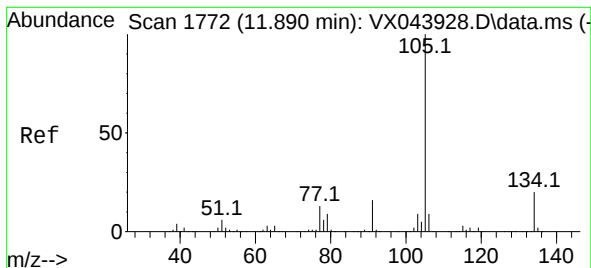
Tgt Ion:105 Resp: 306251

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.7

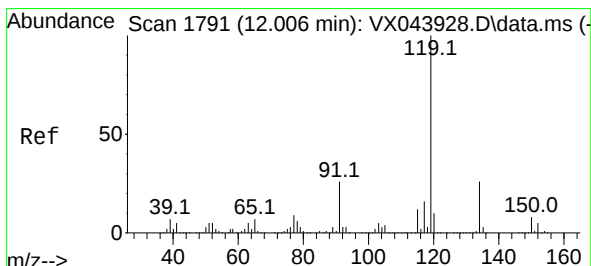
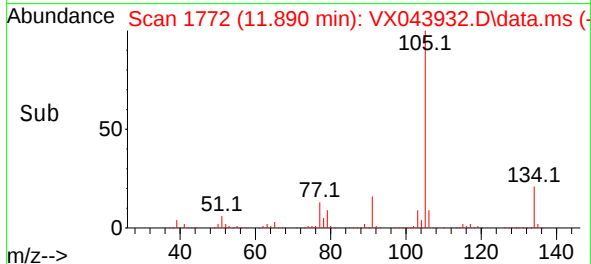
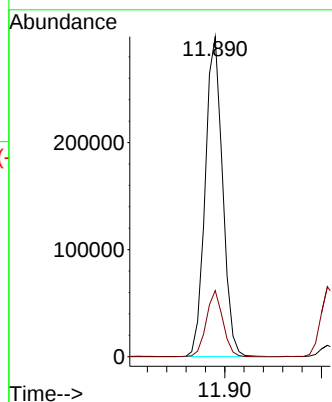
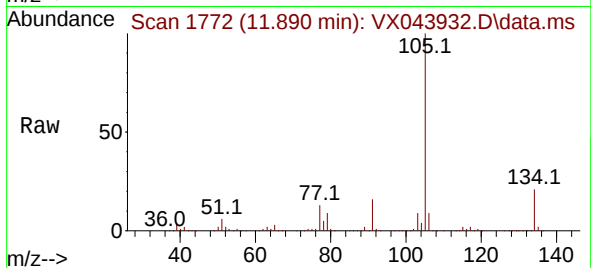




#85  
sec-Butylbenzene  
Concen: 50.307 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

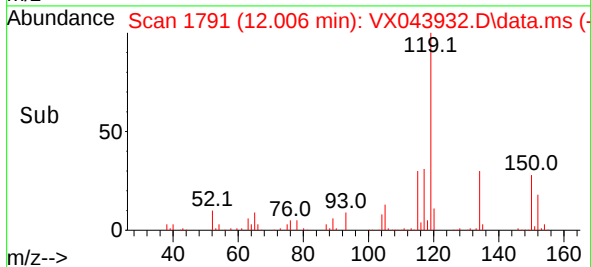
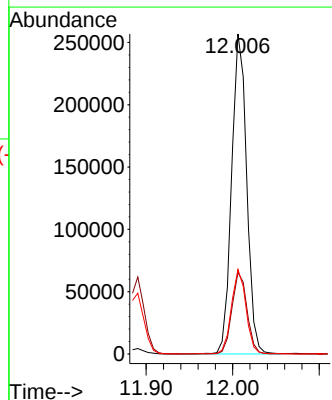
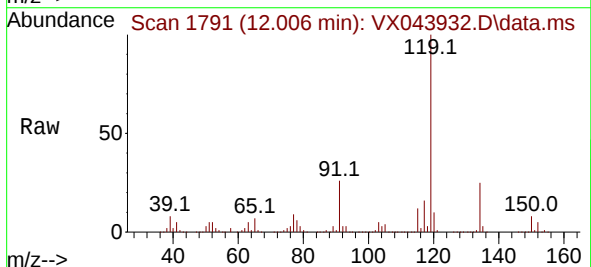
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX112124

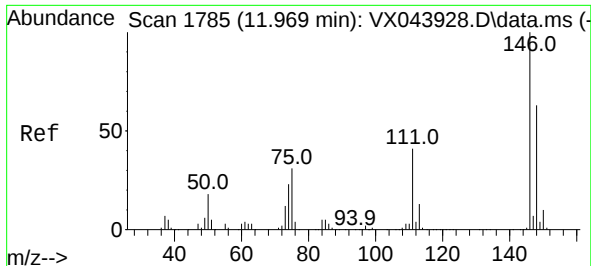
Tgt Ion:105 Resp: 372793  
Ion Ratio Lower Upper  
105 100  
134 19.8 9.7 29.1



#86  
p-Isopropyltoluene  
Concen: 51.511 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX043932.D  
Acq: 21 Nov 2024 13:57

Tgt Ion:119 Resp: 310060  
Ion Ratio Lower Upper  
119 100  
134 25.6 13.0 38.9  
91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 47.529 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

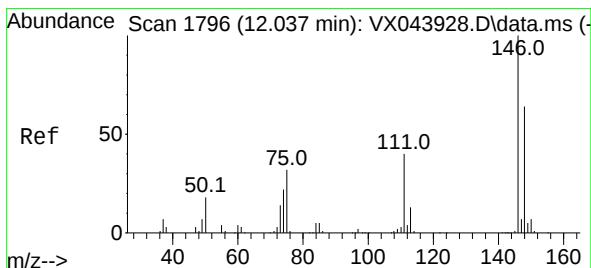
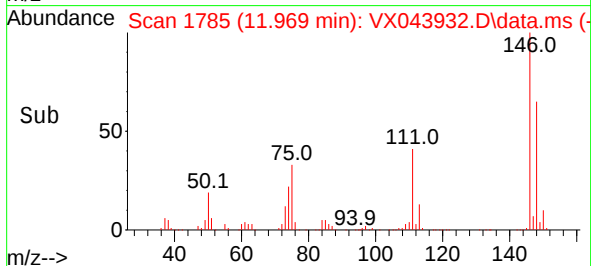
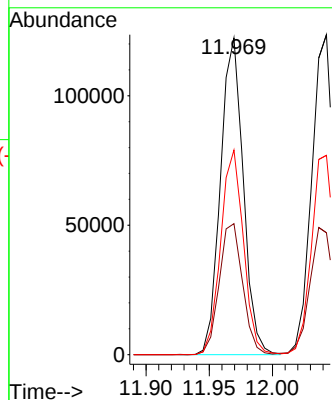
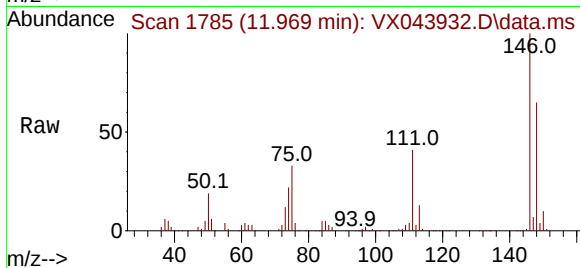
Tgt Ion:146 Resp: 153164

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.306 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

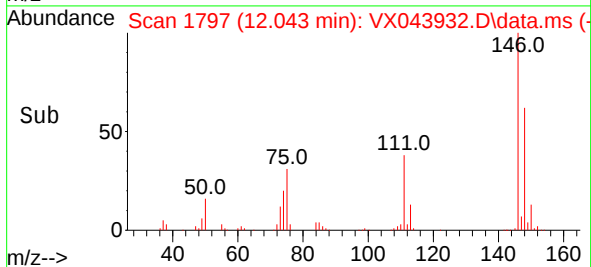
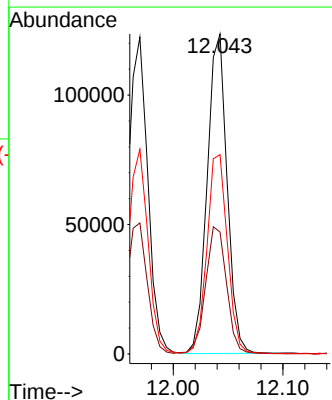
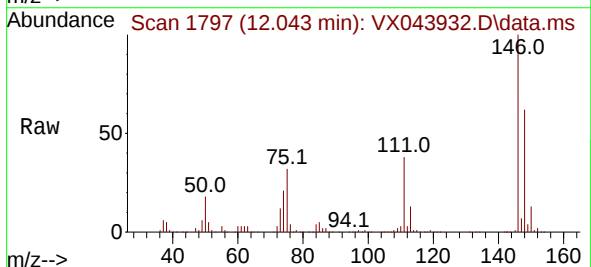
Tgt Ion:146 Resp: 155422

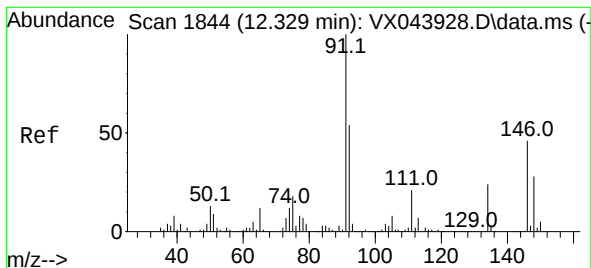
Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.3

148 64.7 30.9 92.8





#89

n-Butylbenzene

Concen: 52.020 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

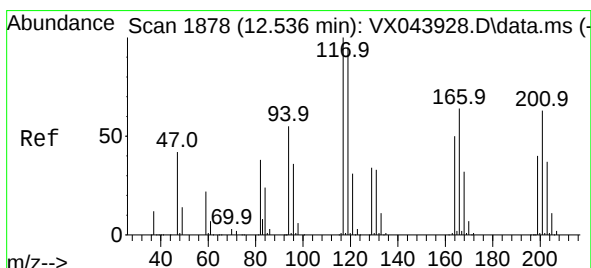
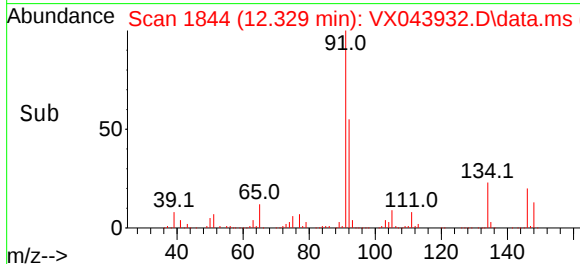
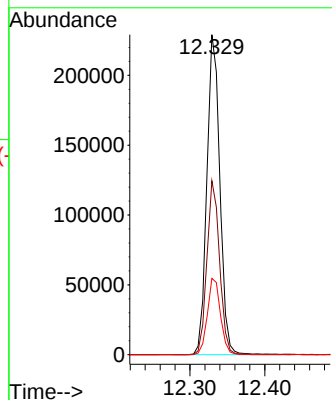
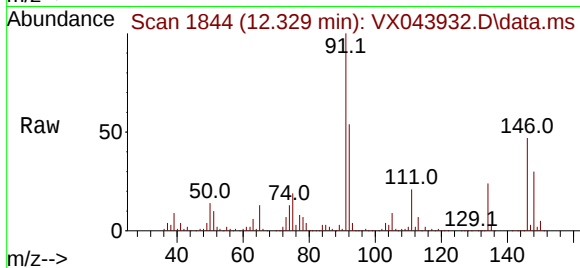
Tgt Ion: 91 Resp: 276075

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 24.0 12.4 37.2



#90

Hexachloroethane

Concen: 50.050 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043932.D

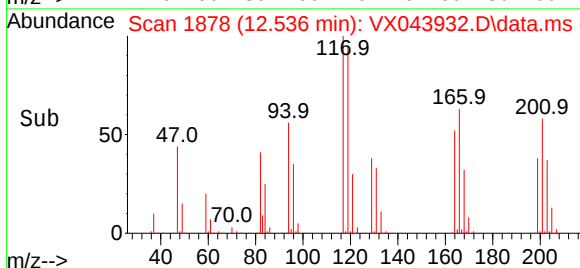
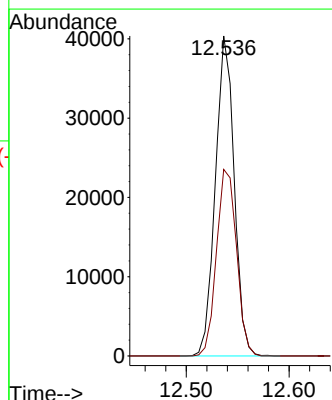
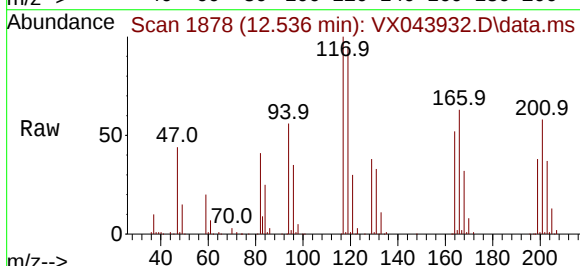
Acq: 21 Nov 2024 13:57

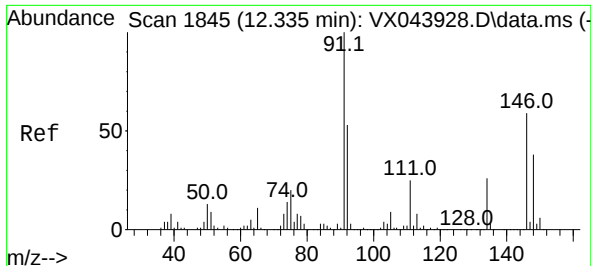
Tgt Ion: 117 Resp: 51229

Ion Ratio Lower Upper

117 100

201 62.2 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 47.656 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

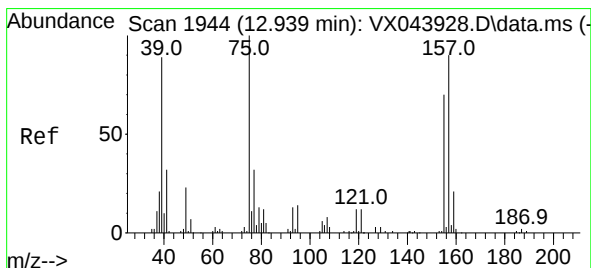
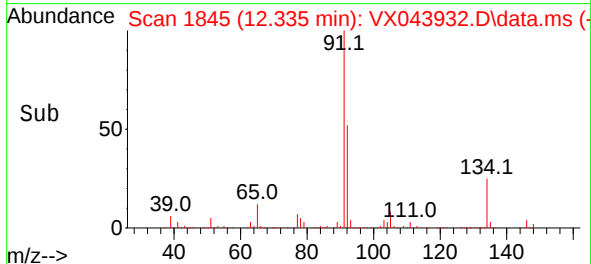
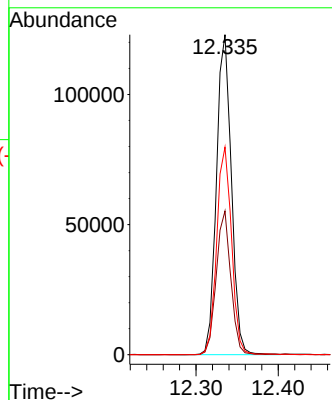
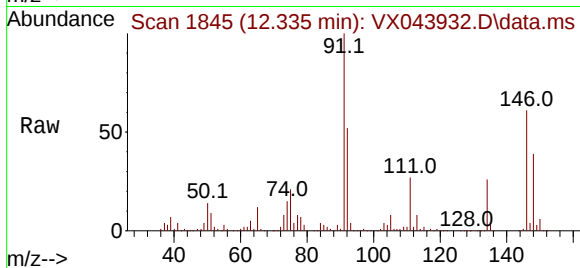
Tgt Ion:146 Resp: 154980

Ion Ratio Lower Upper

146 100

111 43.9 21.5 64.5

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.030 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

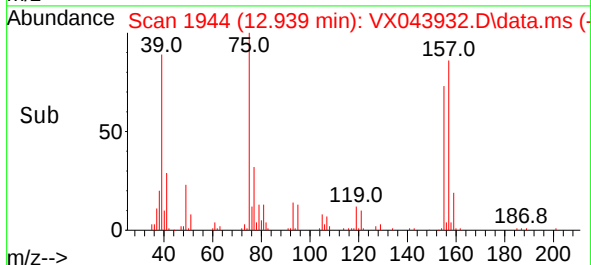
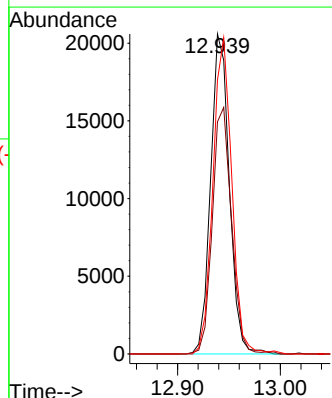
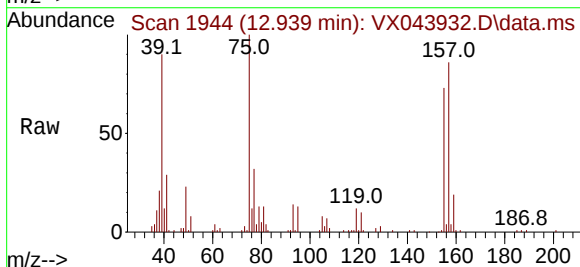
Tgt Ion: 75 Resp: 25968

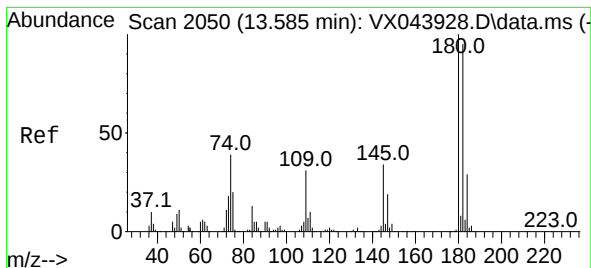
Ion Ratio Lower Upper

75 100

155 79.4 40.1 120.2

157 99.8 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 49.495 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX112124

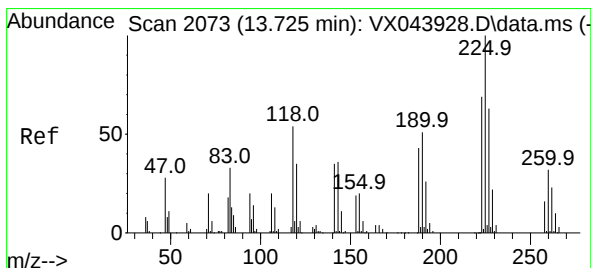
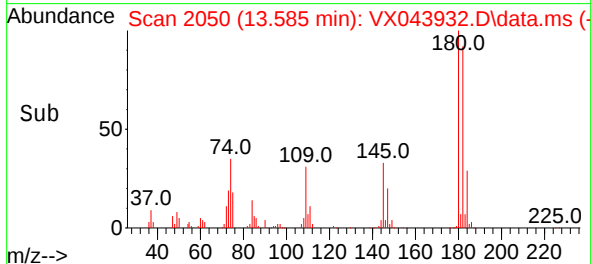
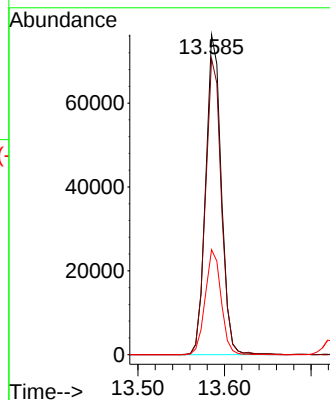
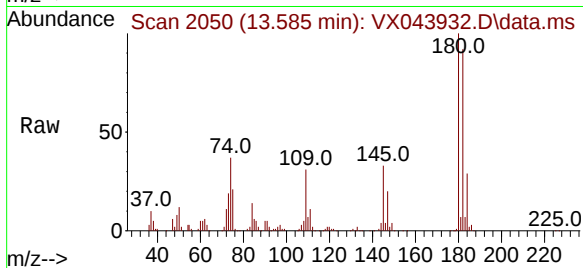
Tgt Ion:180 Resp: 94896

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 33.6 16.8 50.4



#94

Hexachlorobutadiene

Concen: 50.065 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

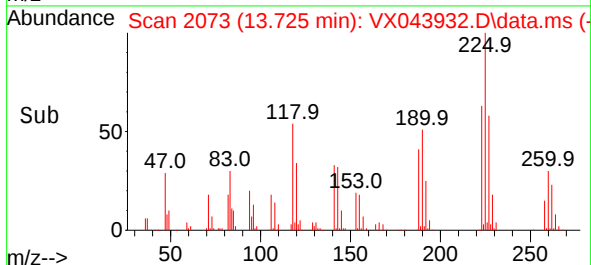
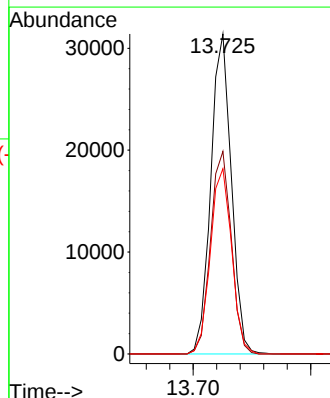
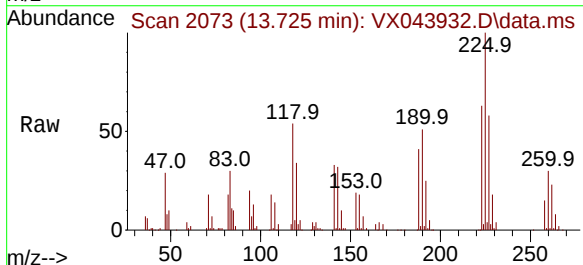
Tgt Ion:225 Resp: 37937

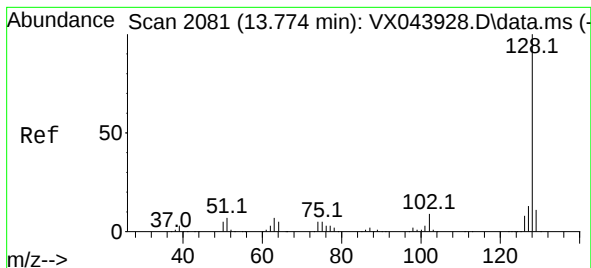
Ion Ratio Lower Upper

225 100

223 64.1 32.9 98.6

227 60.3 31.6 94.8





#95

Naphthalene

Concen: 51.831 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Instrument :

MSVOA\_X

ClientSampleId :

ICVX112124

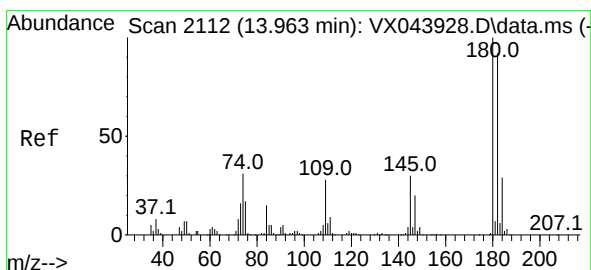
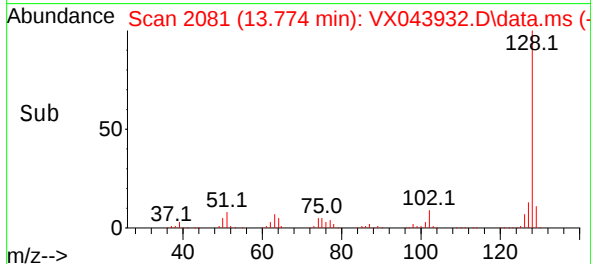
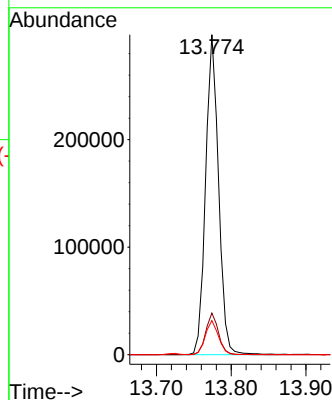
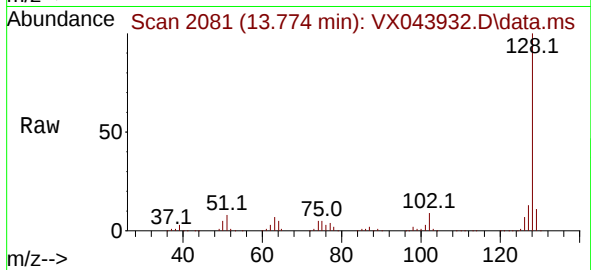
Tgt Ion:128 Resp: 357725

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.246 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043932.D

Acq: 21 Nov 2024 13:57

Tgt Ion:180 Resp: 99447

Ion Ratio Lower Upper

180 100

182 92.9 45.6 136.8

145 33.9 16.4 49.4

