

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111225\  
 Data File : VV039373.D  
 Acq On : 12 Nov 2025 14:56  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 14 00:23:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 14 00:16:53 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 4.593  | 168   | 833599   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.526  | 114   | 1153923  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.773  | 117   | 1096215  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172 | 152   | 684381   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.934  | 65    | 525323   | 51.082   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 81 - 118 | Recovery | =      | 102.160% |
| 35) Dibromofluoromethane     | 4.497  | 113   | 461886   | 52.188   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 80 - 119 | Recovery | =      | 104.380% |
| 50) Toluene-d8               | 7.230  | 98    | 1527387  | 52.224   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 89 - 112 | Recovery | =      | 104.440% |
| 62) 4-Bromofluorobenzene     | 9.998  | 95    | 615335   | 54.754   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 85 - 114 | Recovery | =      | 109.500% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.121  | 85    | 209345   | 42.068   | ug/l   | 98       |
| 3) Chloromethane             | 1.230  | 50    | 204252   | 43.986   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.298  | 62    | 251803   | 43.946   | ug/l   | 99       |
| 5) Bromomethane              | 1.494  | 94    | 155819   | 45.676   | ug/l   | 99       |
| 6) Chloroethane              | 1.558  | 64    | 193785   | 45.808   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.725  | 101   | 522324   | 44.763   | ug/l   | 100      |
| 8) Diethyl Ether             | 1.915  | 74    | 208149   | 46.775   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.079  | 101   | 341330   | 44.490   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.195  | 142   | 269772   | 57.097   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.558  | 59    | 353299   | 320.685  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.079  | 96    | 265625   | 43.774   | ug/l   | 94       |
| 13) Acrolein                 | 2.008  | 56    | 25717    | 248.806  | ug/l   | 92       |
| 14) Allyl chloride           | 2.355  | 41    | 536395   | 49.609   | ug/l   | 99       |
| 15) Acrylonitrile            | 2.671  | 53    | 1147665  | 268.394  | ug/l   | 99       |
| 16) Acetone                  | 2.114  | 43    | 1253426  | 230.361  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.249  | 76    | 381768   | 39.801   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.375  | 43    | 892718   | 61.286   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 2.706  | 73    | 1254694  | 54.991   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.455  | 84    | 360548   | 42.918   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 2.699  | 96    | 283676   | 47.133   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.208  | 45    | 1307060  | 55.640   | ug/l   | 96       |
| 23) Vinyl Acetate            | 3.185  | 43    | 4460596  | 268.839  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.114  | 63    | 680951   | 47.672   | ug/l   | 100      |
| 25) 2-Butanone               | 3.851  | 43    | 1570910  | 276.703  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 3.806  | 77    | 621566   | 51.736   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 3.815  | 96    | 404761   | 49.520   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.140  | 49    | 329177   | 52.693   | ug/l # | 99       |
| 29) Tetrahydrofuran          | 4.224  | 42    | 900129   | 283.241  | ug/l   | 99       |
| 30) Chloroform               | 4.272  | 83    | 759445   | 48.137   | ug/l   | 98       |
| 31) Cyclohexane              | 4.580  | 56    | 395319   | 44.216   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 4.506  | 97    | 644884   | 48.878   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 4.741  | 75    | 386338   | 50.680   | ug/l   | 97       |
| 37) Ethyl Acetate            | 3.966  | 43    | 522367   | 44.606   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 4.728  | 117   | 541953   | 47.860   | ug/l   | 98       |
| 39) Methylcyclohexane        | 6.043  | 83    | 404846   | 49.883   | ug/l   | 98       |
| 40) Benzene                  | 5.005  | 78    | 1318968  | 49.478   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111225\  
 Data File : VV039373.D  
 Acq On : 12 Nov 2025 14:56  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 14 00:23:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 14 00:16:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.150  | 41   | 268793   | 64.274   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.034  | 62   | 525854   | 50.618   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.182  | 43   | 865654   | 55.488   | ug/l   | 99       |
| 44) Trichloroethene           | 5.828  | 130  | 353662   | 48.893   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.085  | 63   | 394797   | 54.735   | ug/l   | 99       |
| 46) Dibromomethane            | 6.220  | 93   | 278787   | 48.065   | ug/l   | 99       |
| 47) Bromodichloromethane      | 6.420  | 83   | 629973   | 50.152   | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.288  | 41   | 417465   | 57.456   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.281  | 88   | 112897   | 1008.809 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.140  | 43   | 3177934  | 297.997  | ug/l   | 100      |
| 52) Toluene                   | 7.304  | 92   | 870000   | 52.080   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 7.571  | 75   | 597158   | 55.253   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 6.944  | 75   | 624854   | 54.457   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 7.754  | 97   | 425665   | 50.328   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 7.709  | 69   | 595450   | 58.308   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 7.928  | 76   | 678187   | 52.137   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 6.805  | 63   | 1565199  | 538.974  | ug/l   | 100      |
| 59) 2-Hexanone                | 8.056  | 43   | 2348249  | 308.100  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.162  | 129  | 543683   | 50.165   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.268  | 107  | 425287   | 51.587   | ug/l   | 99       |
| 64) Tetrachloroethene         | 7.892  | 164  | 318887   | 47.069   | ug/l   | 98       |
| 65) Chlorobenzene             | 8.802  | 112  | 1092691  | 50.072   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 8.895  | 131  | 453388   | 49.793   | ug/l   | 100      |
| 67) Ethyl Benzene             | 8.934  | 91   | 1706341  | 54.059   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.059  | 106  | 1357942  | 113.920  | ug/l   | 98       |
| 69) o-Xylene                  | 9.464  | 106  | 640953   | 56.833   | ug/l   | 99       |
| 70) Styrene                   | 9.481  | 104  | 1197759  | 59.409   | ug/l   | 100      |
| 71) Bromoform                 | 9.651  | 173  | 434040   | 51.350   | ug/l # | 99       |
| 73) Isopropylbenzene          | 9.854  | 105  | 1844970  | 55.208   | ug/l   | 100      |
| 74) N-amyl acetate            | 9.722  | 43   | 761732   | 58.171   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.162 | 83   | 707282   | 48.593   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.194 | 75   | 539431   | 50.781   | ug/l   | 99       |
| 77) Bromobenzene              | 10.136 | 156  | 522245   | 50.630   | ug/l   | 99       |
| 78) n-propylbenzene           | 10.275 | 91   | 2147735  | 56.101   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.345 | 91   | 1309809  | 53.450   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.461 | 105  | 1544075  | 56.513   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.924  | 75   | 224410   | 56.630   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 10.458 | 91   | 1547416  | 56.481   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 10.789 | 119  | 1656048  | 55.141   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 10.837 | 105  | 1557828  | 58.533   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.011 | 105  | 2018969  | 56.693   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 1738806  | 56.585   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.101 | 146  | 1003187  | 50.707   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.194 | 146  | 1043400  | 48.371   | ug/l   | 100      |
| 89) n-Butylbenzene            | 11.577 | 91   | 1583774  | 57.797   | ug/l   | 99       |
| 90) Hexachloroethane          | 11.818 | 117  | 361280   | 47.174   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 11.564 | 146  | 973689   | 50.290   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.349 | 75   | 145328   | 48.567   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 707100   | 57.563   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 329430   | 50.278   | ug/l   | 99       |
| 95) Naphthalene               | 13.423 | 128  | 2056696  | 62.474   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.664 | 180  | 719340   | 56.762   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111225\  
Data File : VV039373.D  
Acq On : 12 Nov 2025 14:56  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 14 00:23:31 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 14 00:16:53 2025  
Response via : Initial Calibration

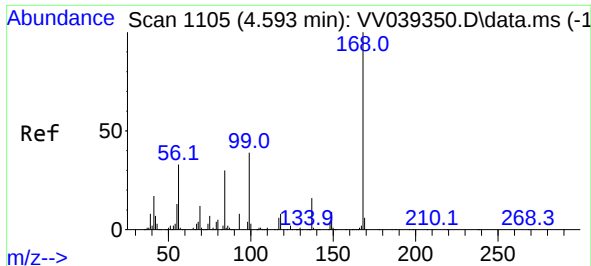
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTDCCC050EC

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTDCCC050EC

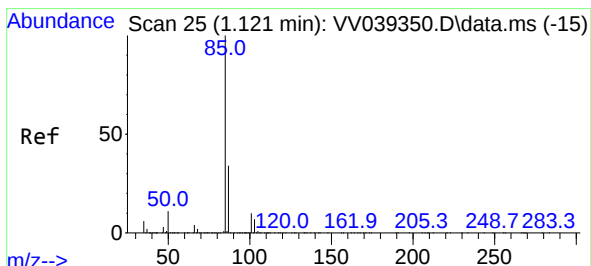
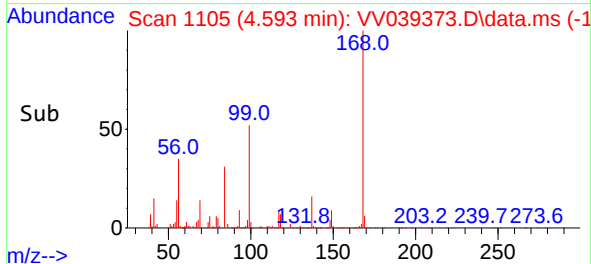
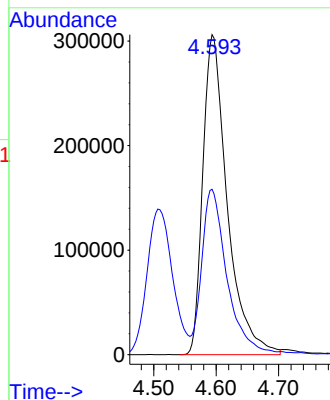
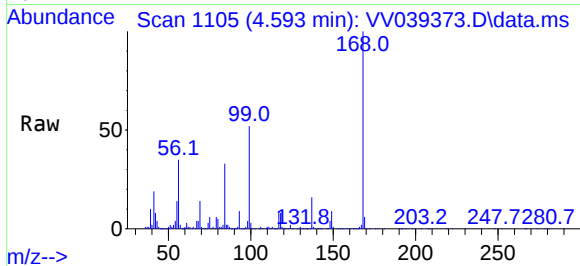




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.593 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

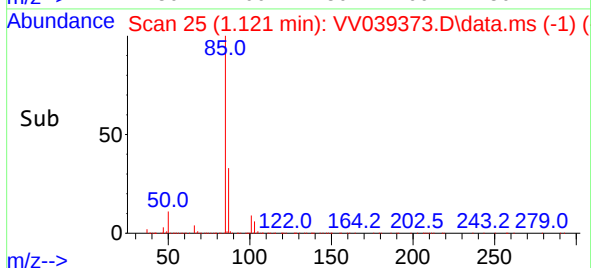
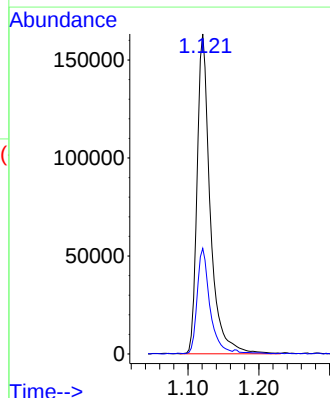
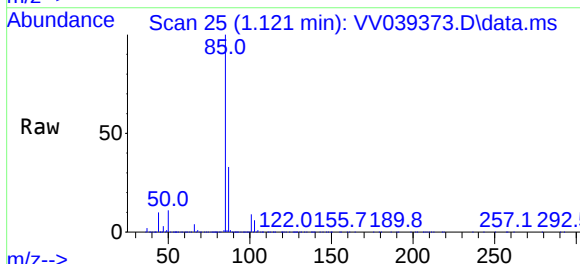
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 833599  
Ion Ratio Lower Upper  
168 100  
99 50.8 41.2 61.8

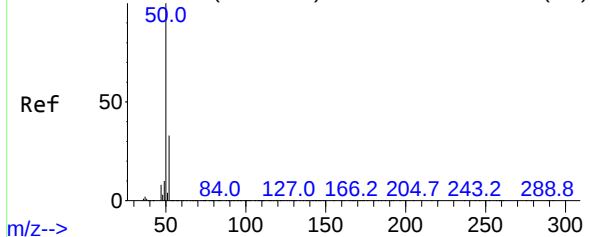


#2  
Dichlorodifluoromethane  
Concen: 42.068 ug/l  
RT: 1.121 min Scan# 25  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 85 Resp: 209345  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.9 50.7



Abundance Scan 59 (1.230 min): VV039350.D\data.ms (-50)

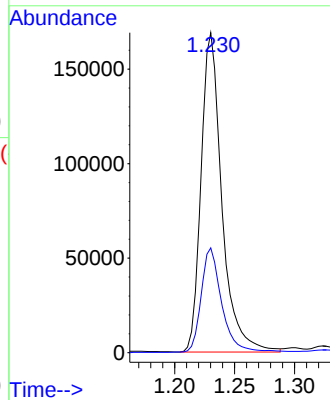
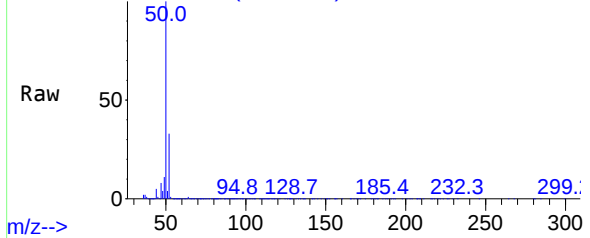


#3  
Chloromethane  
Concen: 43.986 ug/l  
RT: 1.230 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

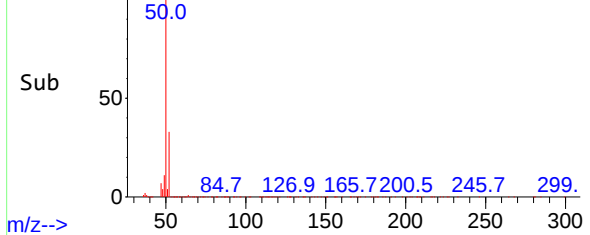
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 50 Resp: 204252  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.6 39.8

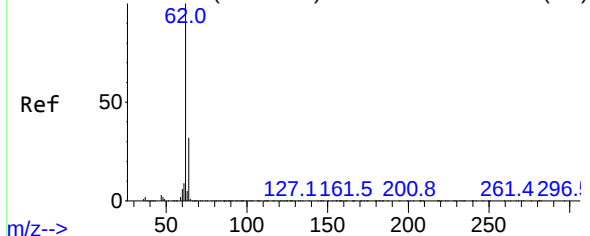
Abundance Scan 59 (1.230 min): VV039373.D\data.ms



Abundance Scan 59 (1.230 min): VV039373.D\data.ms (-1)



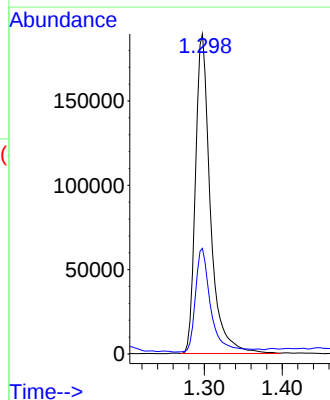
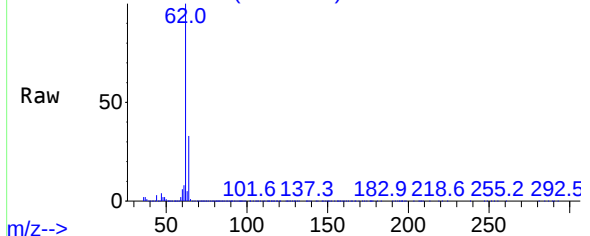
Abundance Scan 80 (1.298 min): VV039350.D\data.ms (-68)



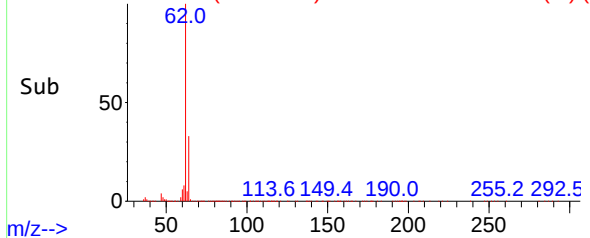
#4  
Vinyl Chloride  
Concen: 43.946 ug/l  
RT: 1.298 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

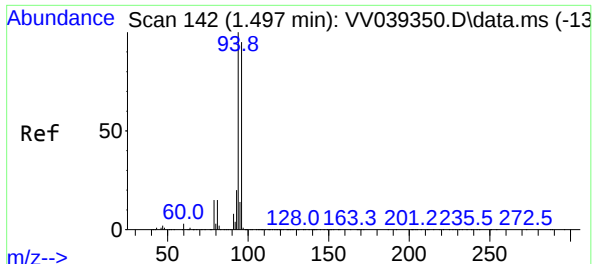
Tgt Ion: 62 Resp: 251803  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.3 37.9

Abundance Scan 80 (1.298 min): VV039373.D\data.ms



Abundance Scan 80 (1.298 min): VV039373.D\data.ms (-1)

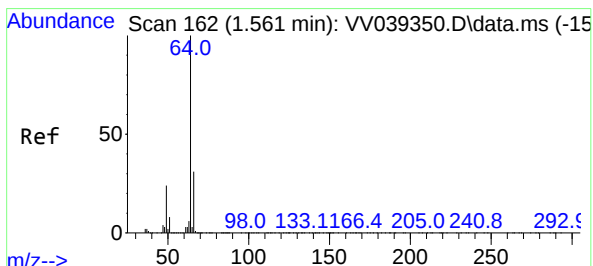
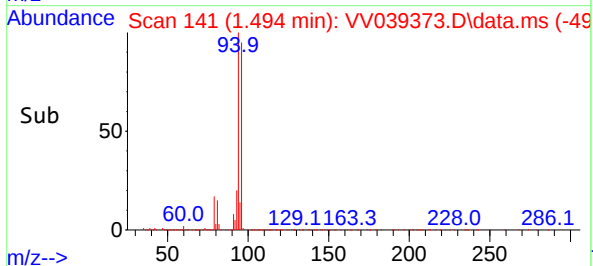
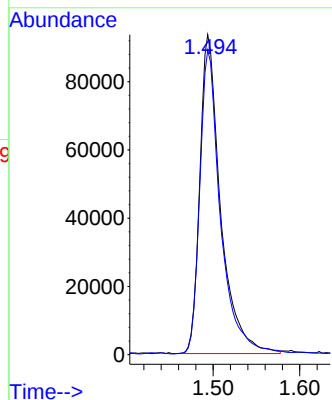
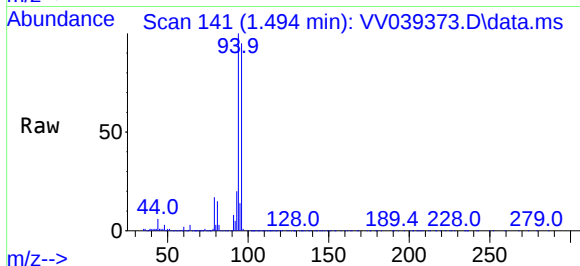




#5  
Bromomethane  
Concen: 45.676 ug/l  
RT: 1.494 min Scan# 141  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

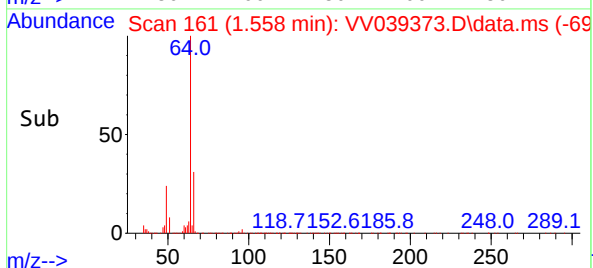
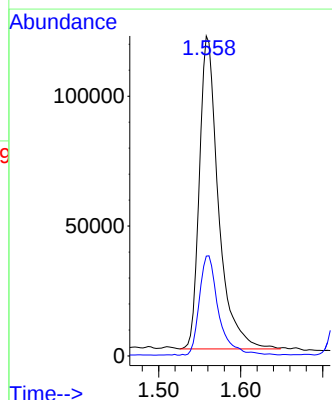
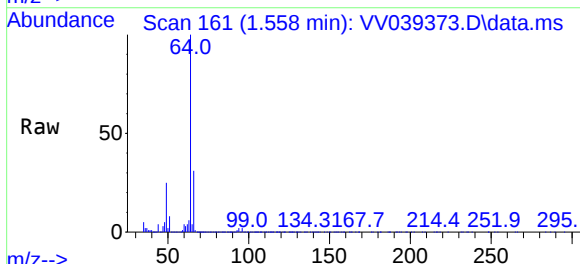
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

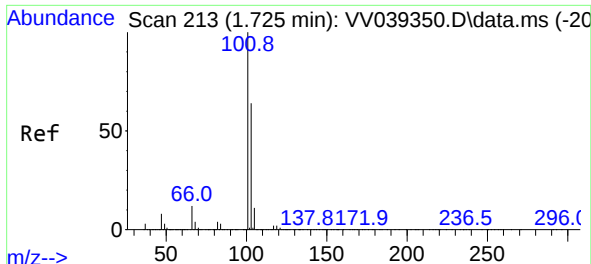
Tgt Ion: 94 Resp: 155819  
Ion Ratio Lower Upper  
94 100  
96 95.1 75.6 113.4



#6  
Chloroethane  
Concen: 45.808 ug/l  
RT: 1.558 min Scan# 161  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 64 Resp: 193785  
Ion Ratio Lower Upper  
64 100  
66 31.7 24.7 37.1

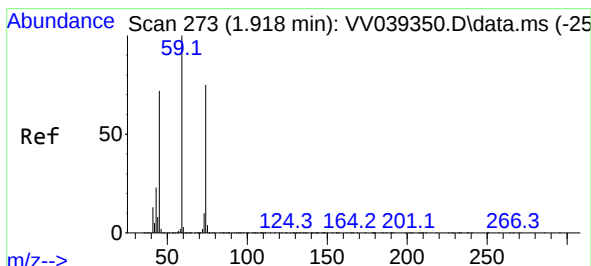
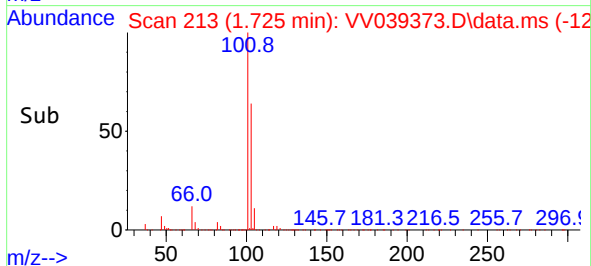
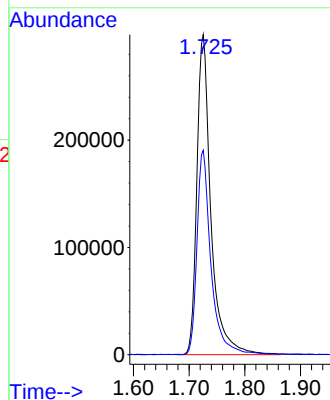
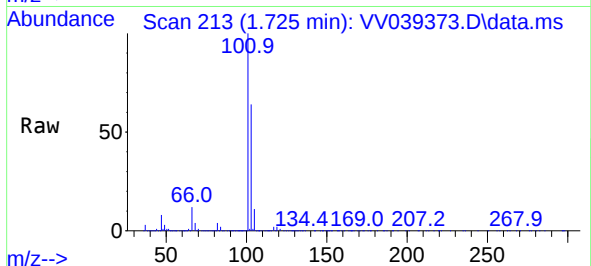




#7  
Trichlorofluoromethane  
Concen: 44.763 ug/l  
RT: 1.725 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

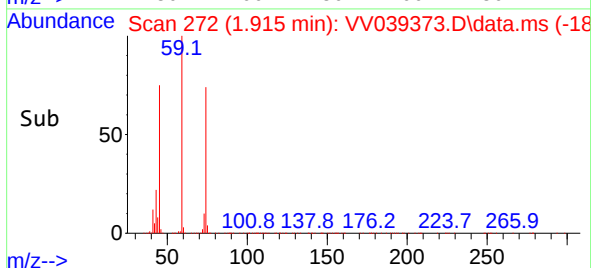
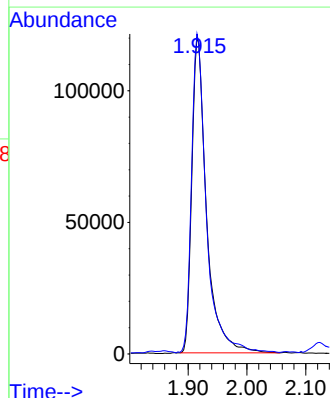
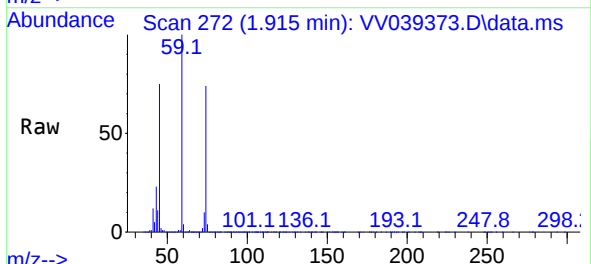
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

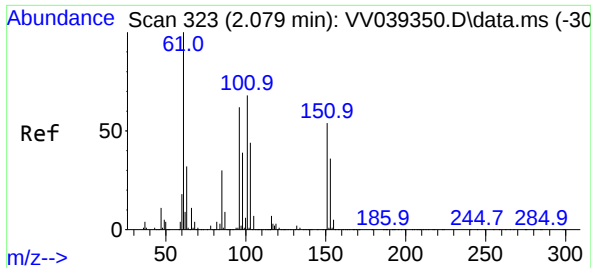
Tgt Ion:101 Resp: 522324  
Ion Ratio Lower Upper  
101 100  
103 63.8 50.9 76.3



#8  
Diethyl Ether  
Concen: 46.775 ug/l  
RT: 1.915 min Scan# 272  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 74 Resp: 208149  
Ion Ratio Lower Upper  
74 100  
45 101.4 50.6 151.8

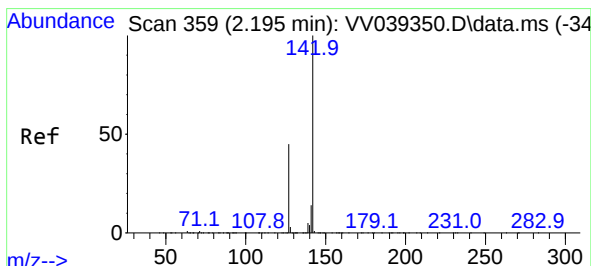
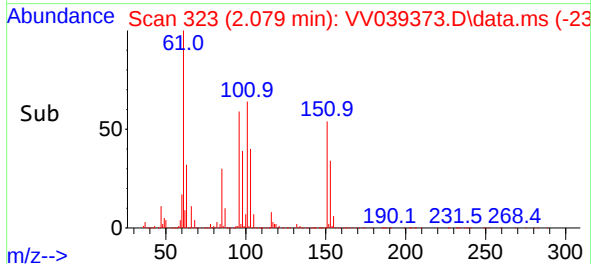
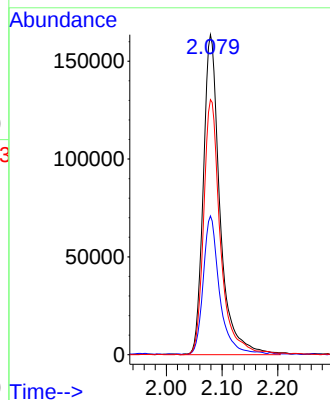
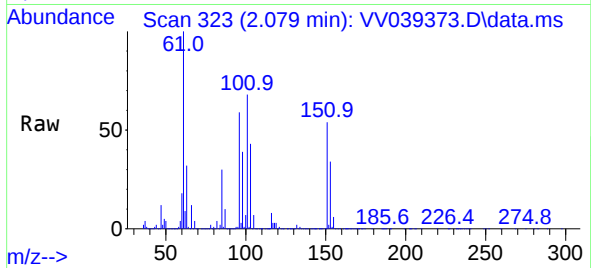




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.490 ug/l  
RT: 2.079 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

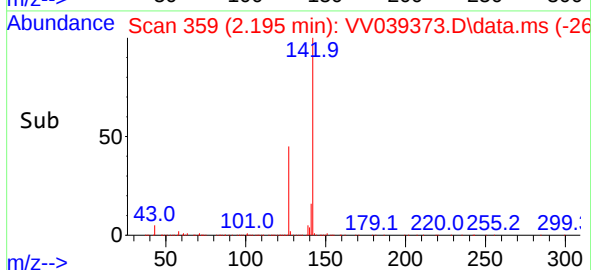
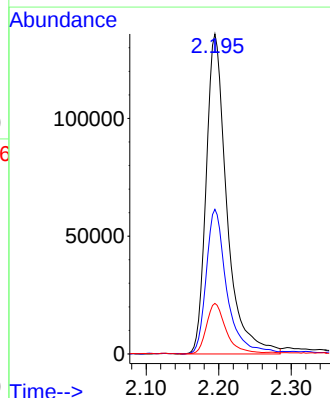
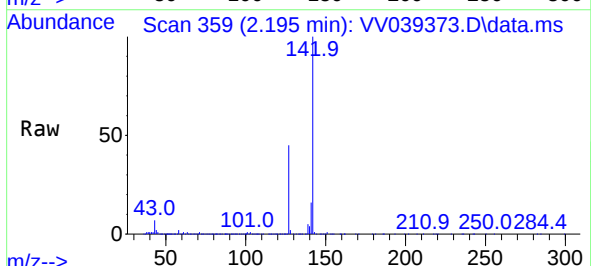
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

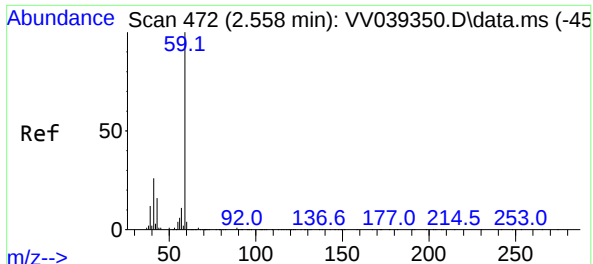
Tgt Ion:101 Resp: 341330  
Ion Ratio Lower Upper  
101 100  
85 42.3 33.5 50.3  
151 80.0 63.6 95.4



#10  
Methyl Iodide  
Concen: 57.097 ug/l  
RT: 2.195 min Scan# 359  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:142 Resp: 269772  
Ion Ratio Lower Upper  
142 100  
127 45.3 35.1 52.7  
141 15.2 11.9 17.9

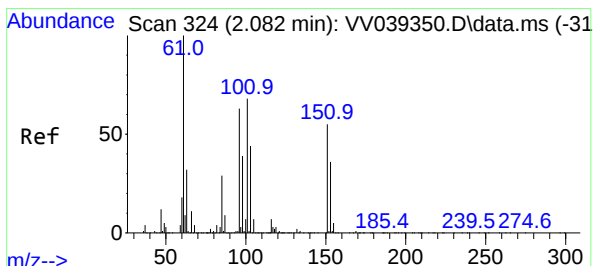
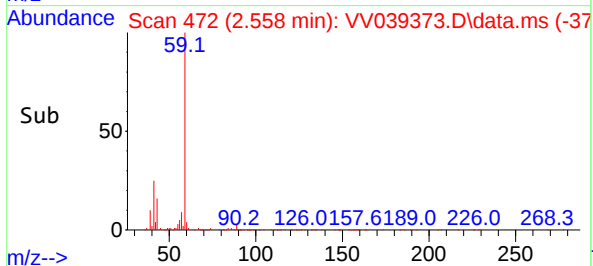
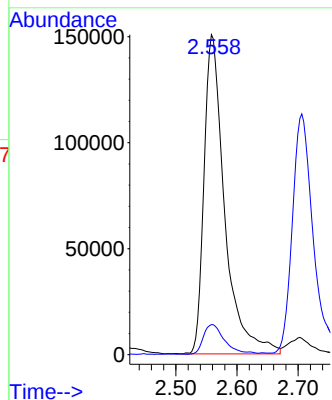
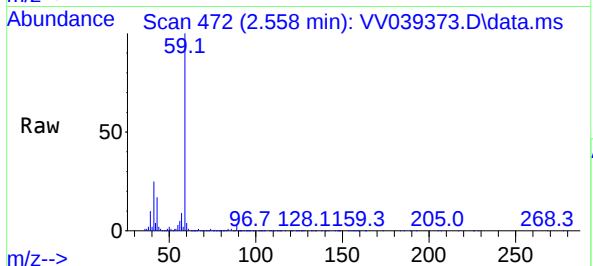




#11  
Tert butyl alcohol  
Concen: 320.685 ug/l  
RT: 2.558 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

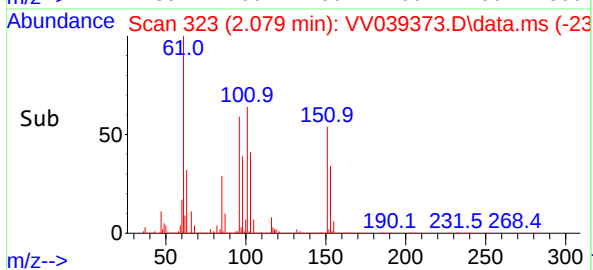
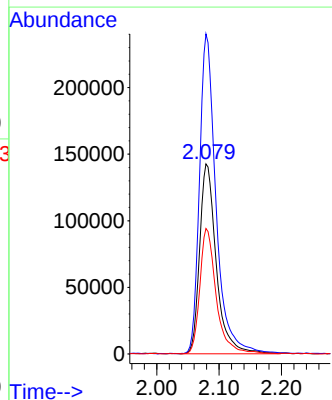
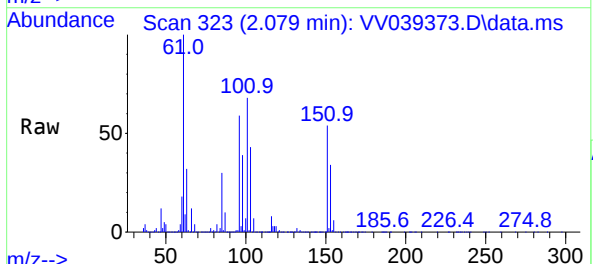
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

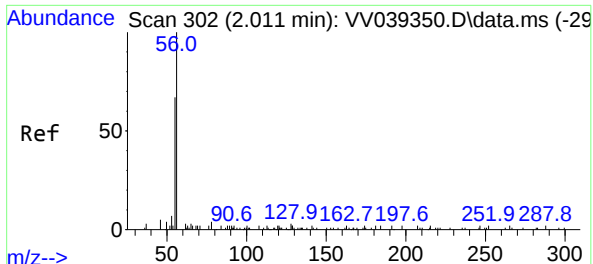
Tgt Ion: 59 Resp: 353299  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 43.774 ug/l  
RT: 2.079 min Scan# 323  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 96 Resp: 265625  
Ion Ratio Lower Upper  
96 100  
61 168.3 127.8 191.6  
98 65.9 50.2 75.2

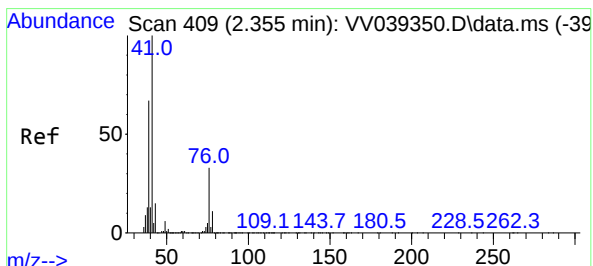
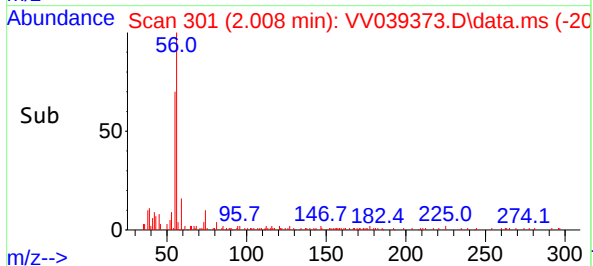
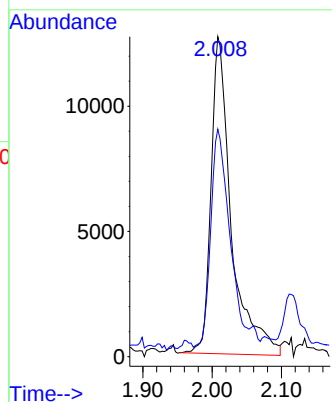
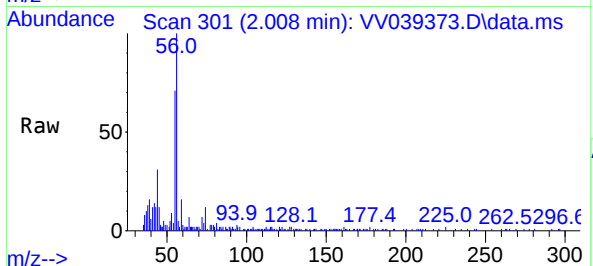




#13  
Acrolein  
Concen: 248.806 ug/l  
RT: 2.008 min Scan# 301  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

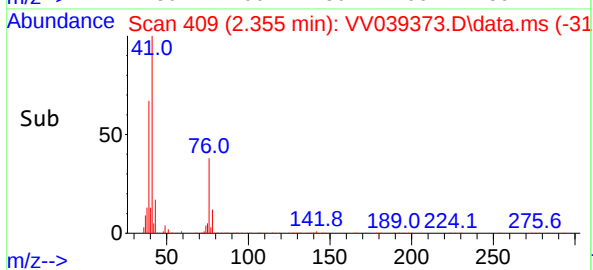
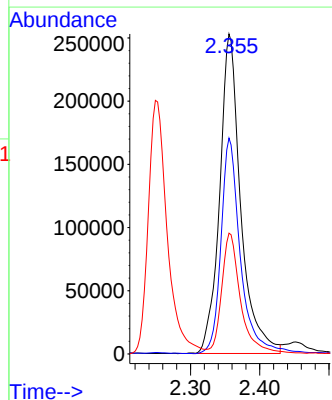
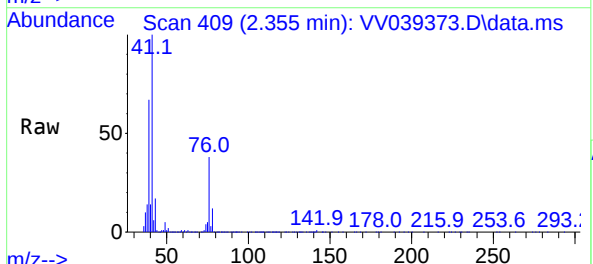
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

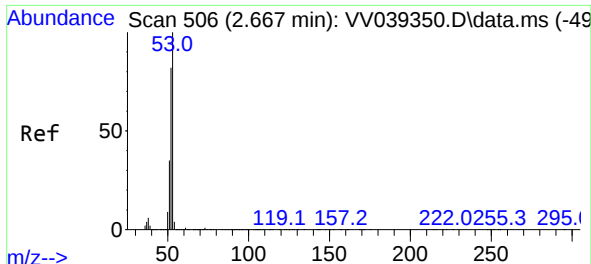
Tgt Ion: 56 Resp: 25717  
Ion Ratio Lower Upper  
56 100  
55 62.7 55.2 82.8



#14  
Allyl chloride  
Concen: 49.609 ug/l  
RT: 2.355 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 41 Resp: 536395  
Ion Ratio Lower Upper  
41 100  
39 62.3 50.7 76.1  
76 33.6 27.0 40.6

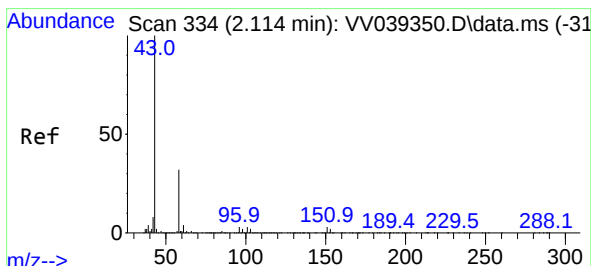
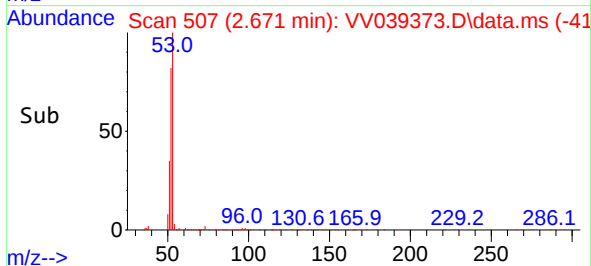
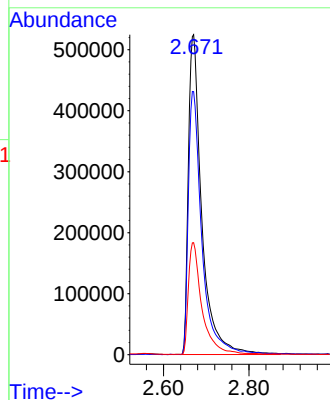
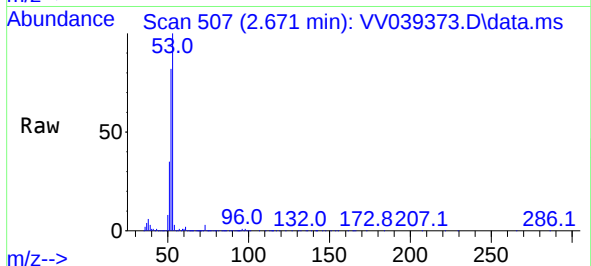




#15  
Acrylonitrile  
Concen: 268.394 ug/l  
RT: 2.671 min Scan# 506  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

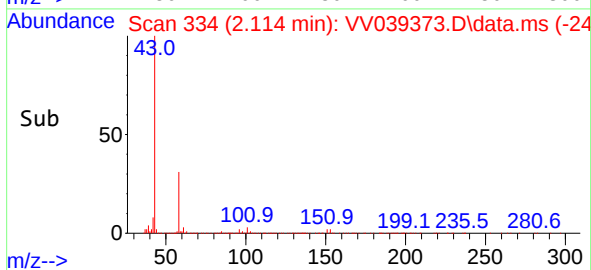
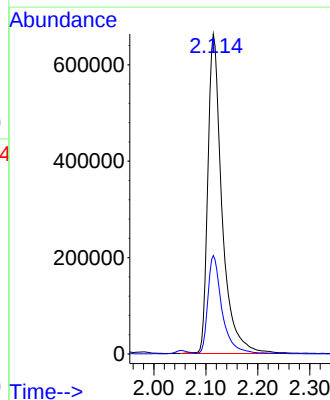
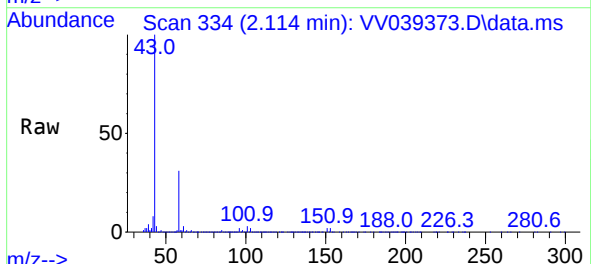
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

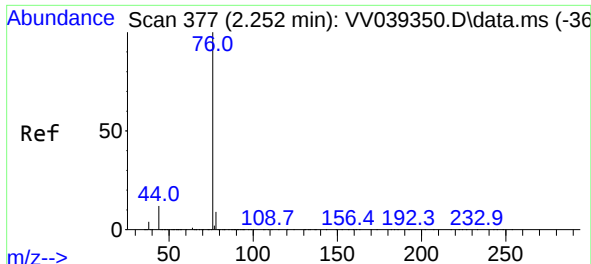
Tgt Ion: 53 Resp: 1147665  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.2 97.8  
51 35.2 28.4 42.6



#16  
Acetone  
Concen: 230.361 ug/l  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 1253426  
Ion Ratio Lower Upper  
43 100  
58 30.6 25.5 38.3

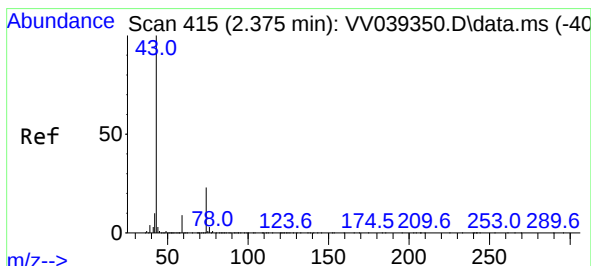
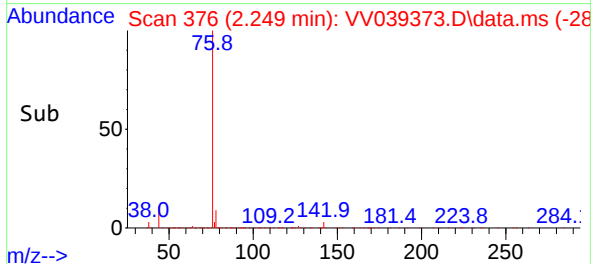
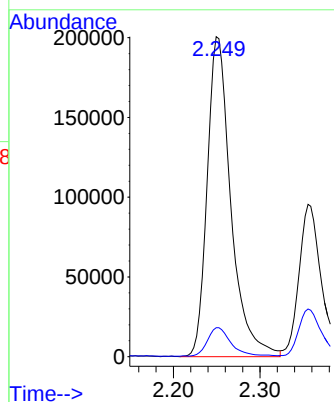
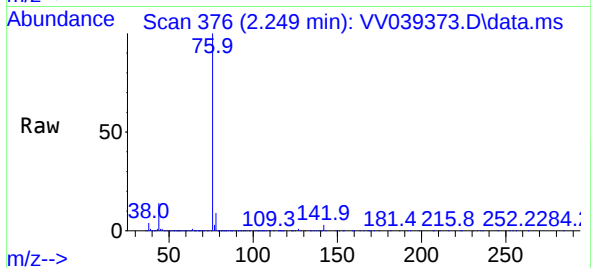




#17  
Carbon Disulfide  
Concen: 39.801 ug/l  
RT: 2.249 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

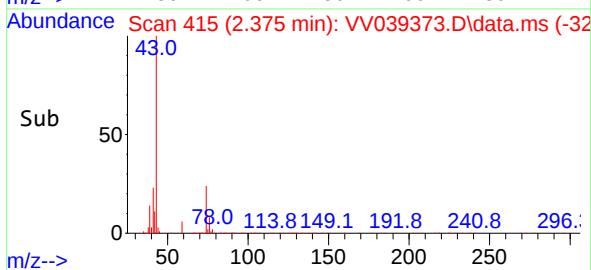
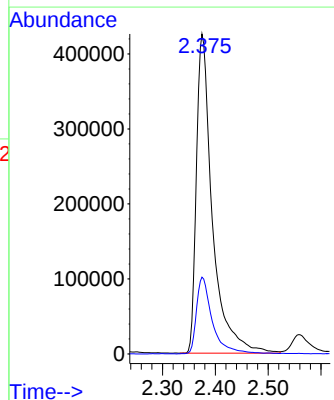
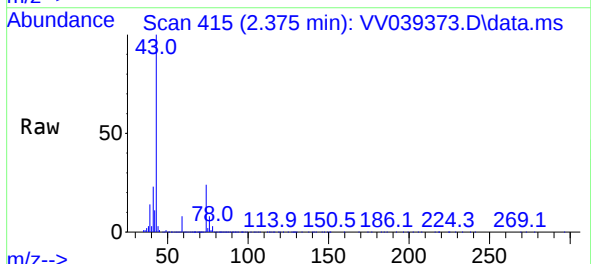
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

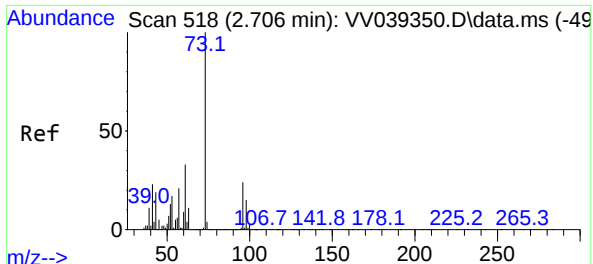
Tgt Ion: 76 Resp: 381768  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 61.286 ug/l  
RT: 2.375 min Scan# 415  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 892718  
Ion Ratio Lower Upper  
43 100  
74 24.0 18.9 28.3

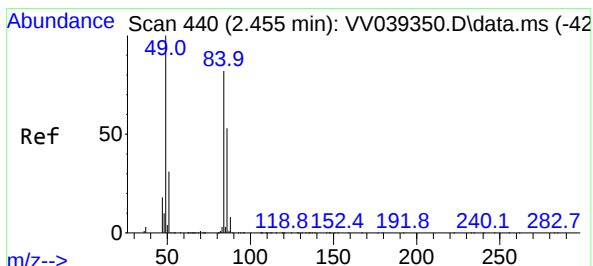
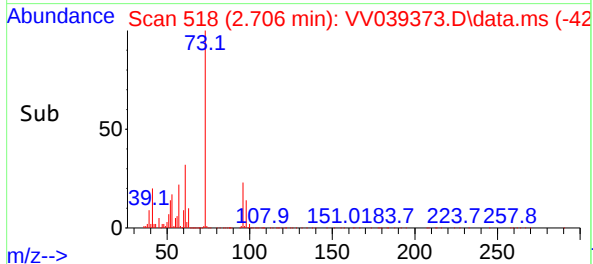
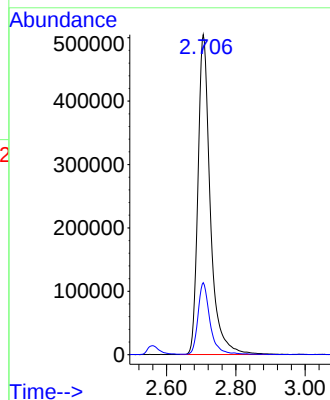
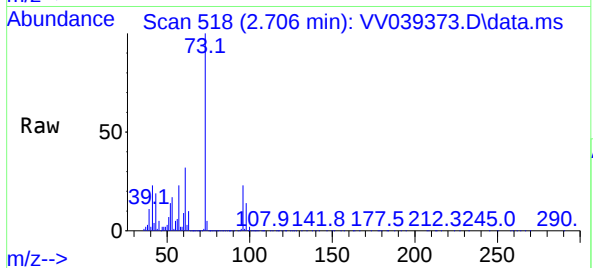




#19  
Methyl tert-butyl Ether  
Concen: 54.991 ug/l  
RT: 2.706 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

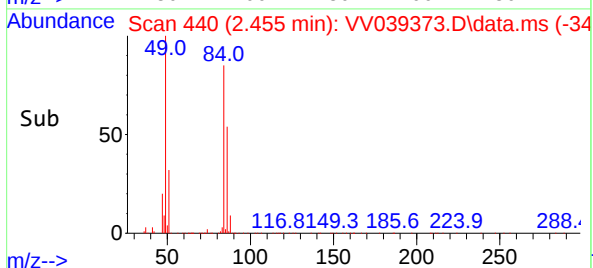
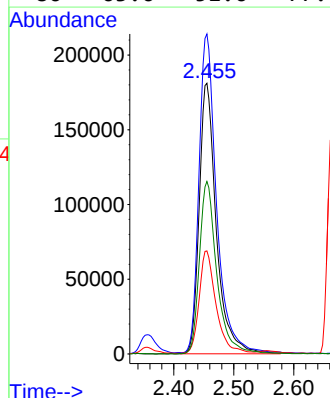
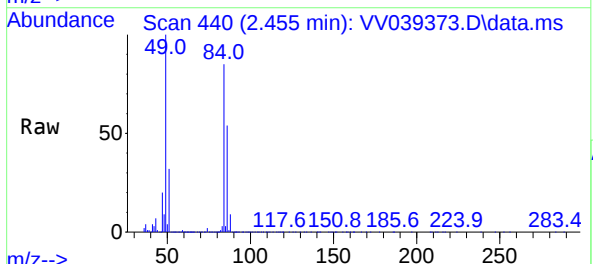
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

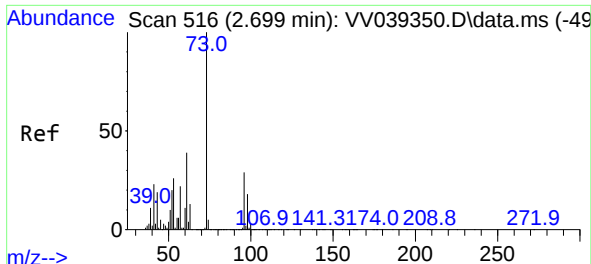
Tgt Ion: 73 Resp: 1254694  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.0 25.6



#20  
Methylene Chloride  
Concen: 42.918 ug/l  
RT: 2.455 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 84 Resp: 360548  
Ion Ratio Lower Upper  
84 100  
49 117.8 97.8 146.8  
51 37.8 30.2 45.4  
86 63.6 51.6 77.4

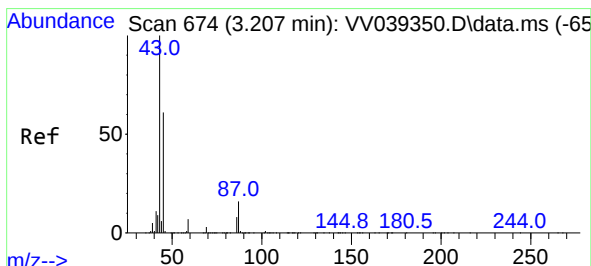
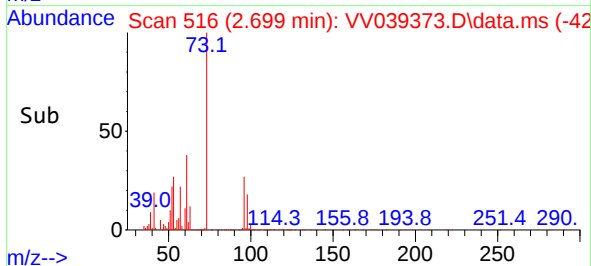
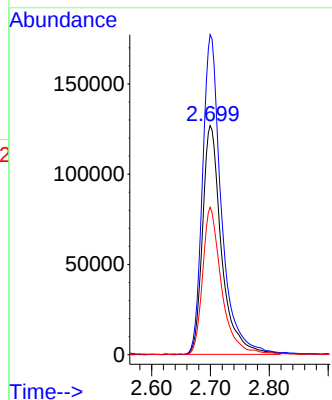
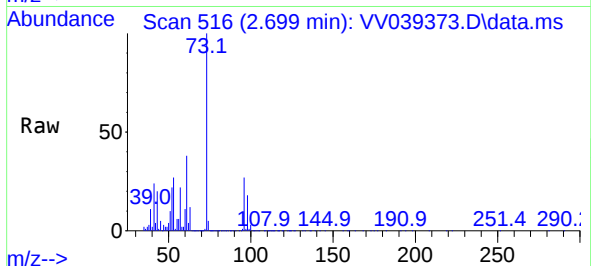




#21  
trans-1,2-Dichloroethene  
Concen: 47.133 ug/l  
RT: 2.699 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

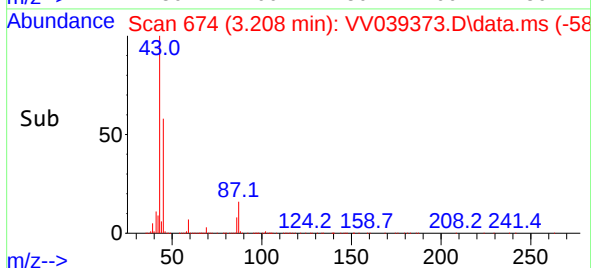
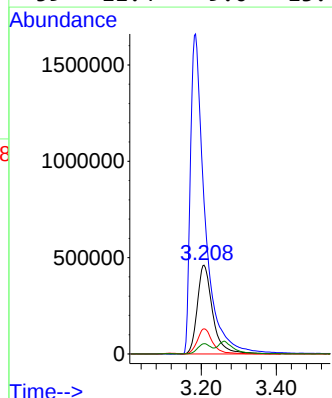
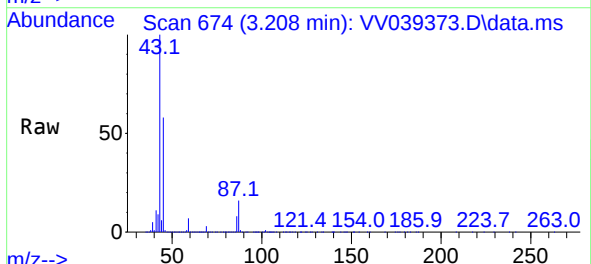
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

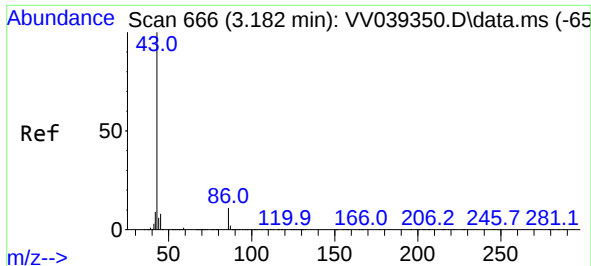
Tgt Ion: 96 Resp: 283676  
Ion Ratio Lower Upper  
96 100  
61 139.7 108.9 163.3  
98 64.1 51.7 77.5



#22  
Diisopropyl ether  
Concen: 55.640 ug/l  
RT: 3.208 min Scan# 674  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 45 Resp: 1307060  
Ion Ratio Lower Upper  
45 100  
43 171.2 132.1 198.1  
87 28.1 21.8 32.6  
59 11.4 9.0 13.4

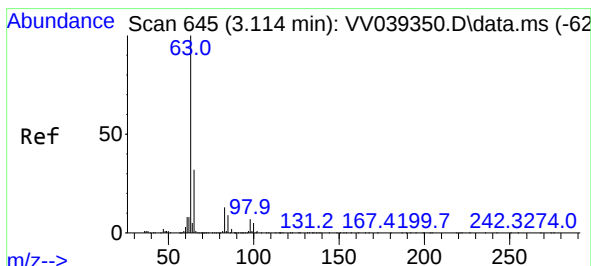
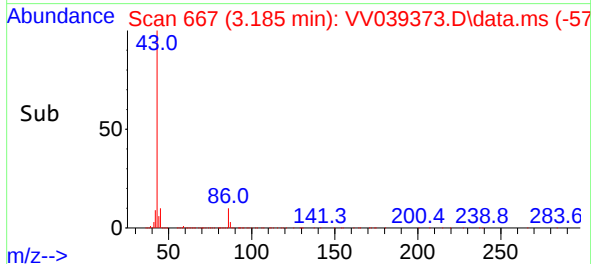
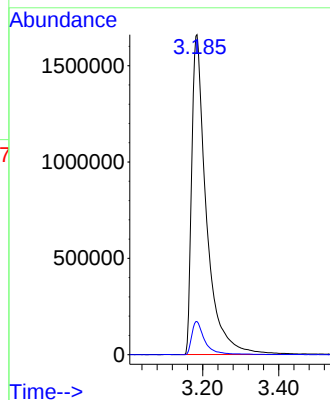
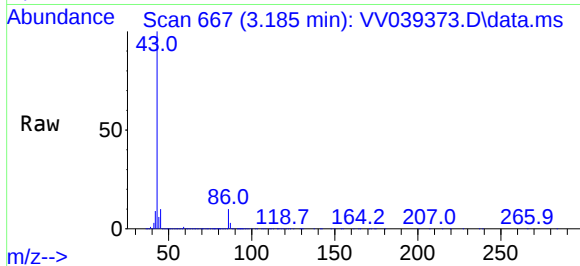




#23  
 Vinyl Acetate  
 Concen: 268.839 ug/l  
 RT: 3.185 min Scan# 60  
 Delta R.T. 0.003 min  
 Lab File: VV039373.D  
 Acq: 12 Nov 2025 14:56

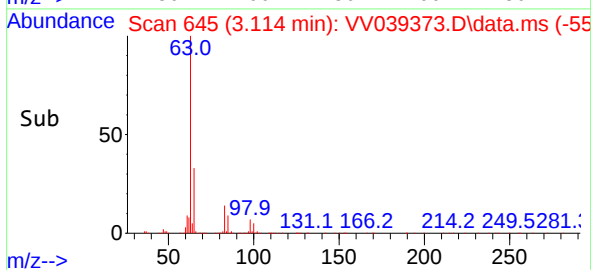
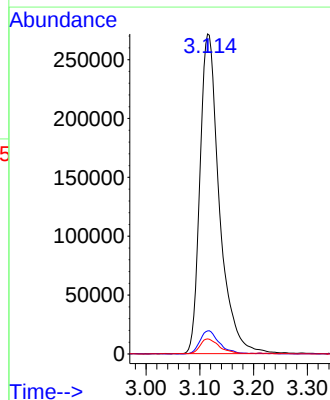
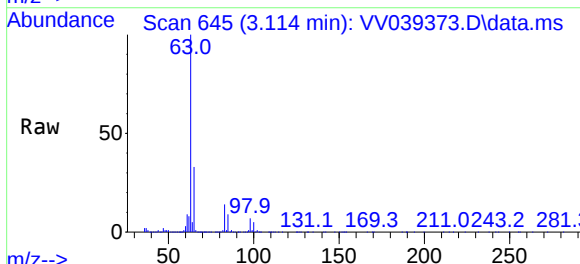
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050EC

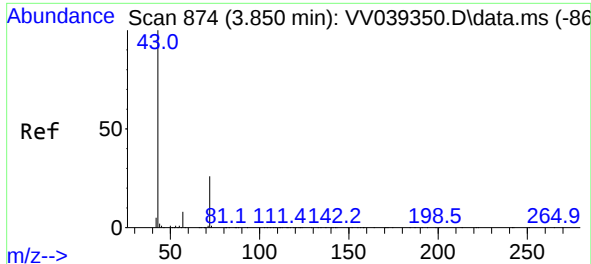
Tgt Ion: 43 Resp: 4460596  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 47.672 ug/l  
 RT: 3.114 min Scan# 645  
 Delta R.T. 0.000 min  
 Lab File: VV039373.D  
 Acq: 12 Nov 2025 14:56

Tgt Ion: 63 Resp: 680951  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.5  
 100 4.6 2.3 6.9

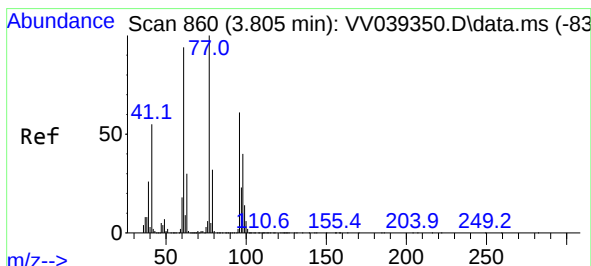
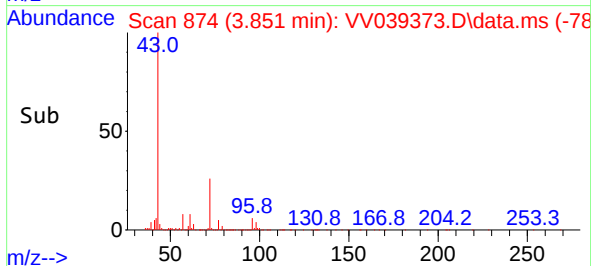
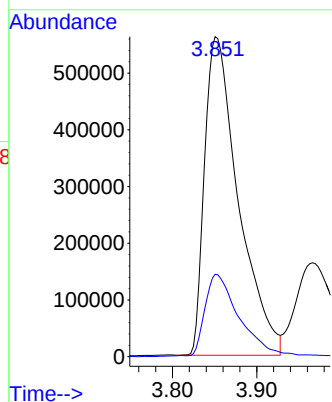
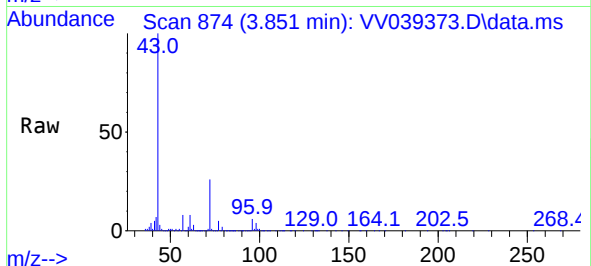




#25  
2-Butanone  
Concen: 276.703 ug/l  
RT: 3.851 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

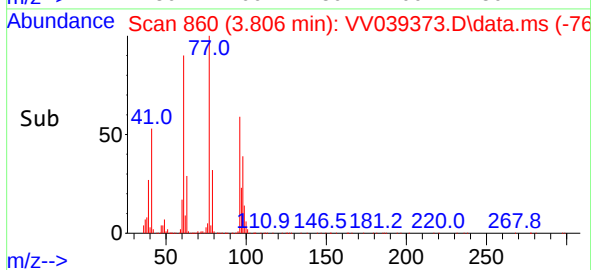
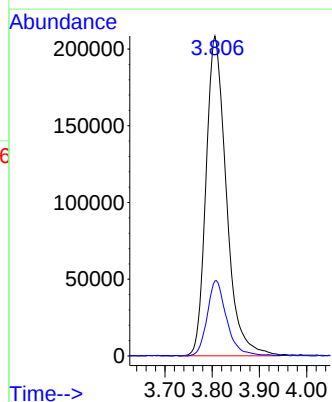
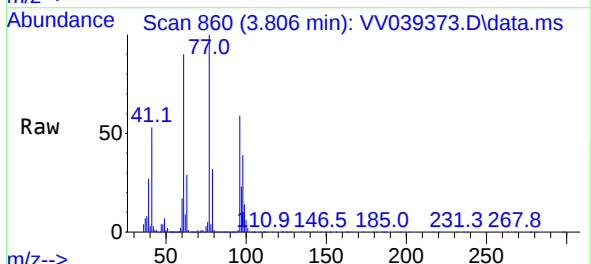
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

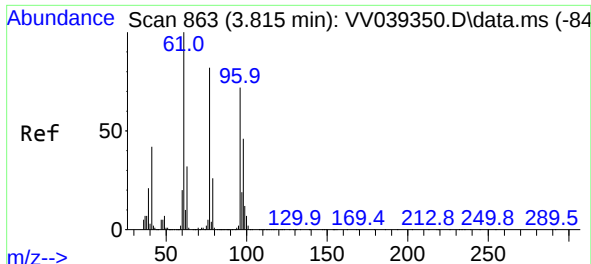
Tgt Ion: 43 Resp: 1570910  
Ion Ratio Lower Upper  
43 100  
72 25.5 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 51.736 ug/l  
RT: 3.806 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 77 Resp: 621566  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.3 33.8

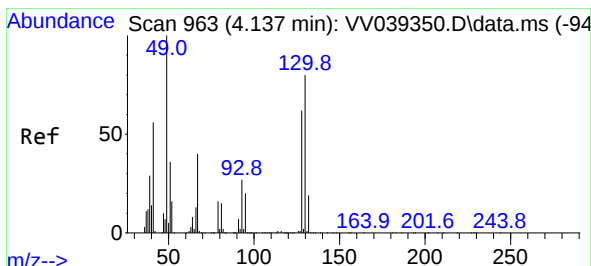
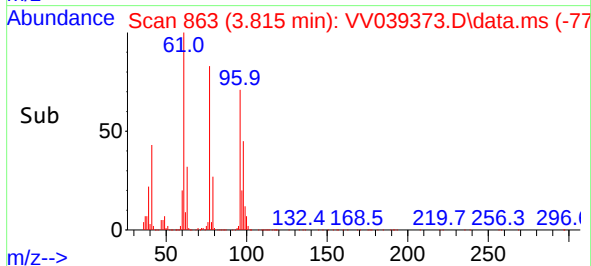
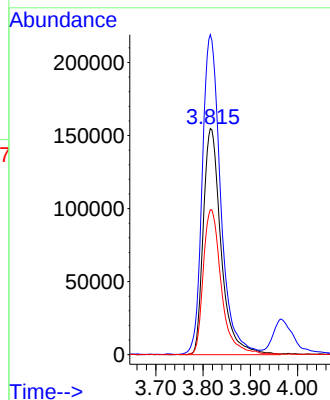
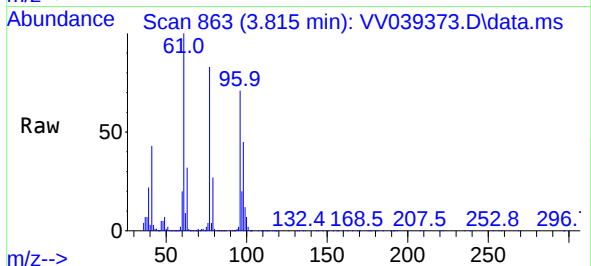




#27  
cis-1,2-Dichloroethene  
Concen: 49.520 ug/l  
RT: 3.815 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

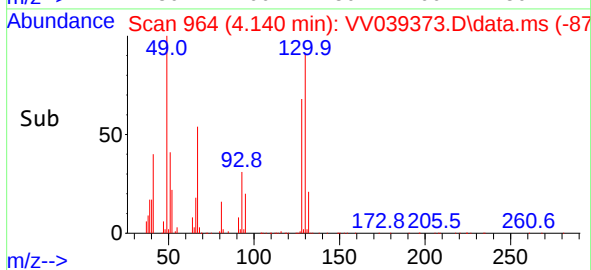
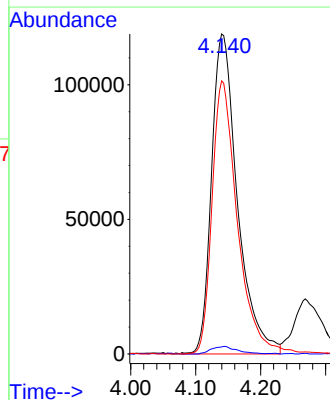
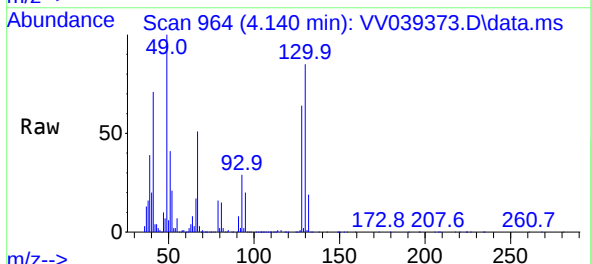
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

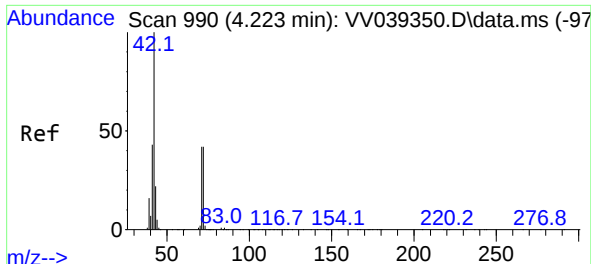
Tgt Ion: 96 Resp: 404761  
Ion Ratio Lower Upper  
96 100  
61 146.1 0.0 287.8  
98 65.0 0.0 129.6



#28  
Bromochloromethane  
Concen: 52.693 ug/l  
RT: 4.140 min Scan# 964  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 49 Resp: 329177  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 2.0#  
130 83.7 67.9 101.9

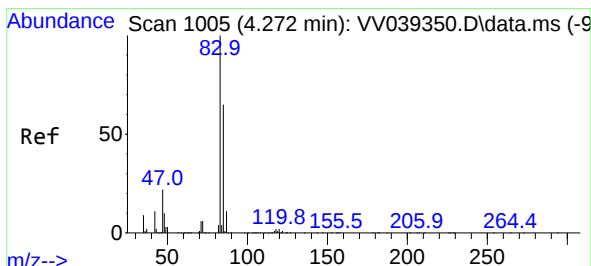
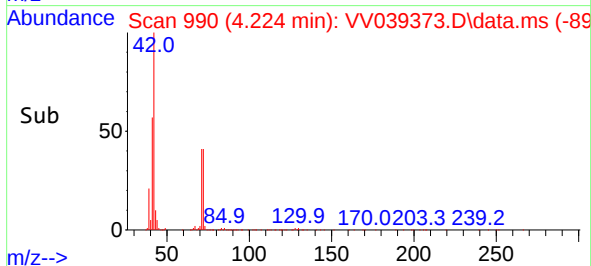
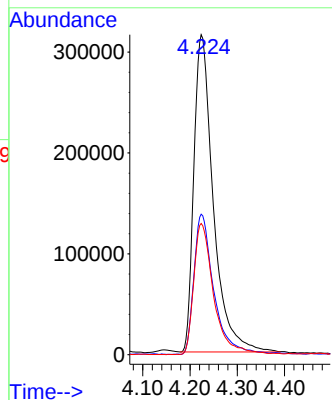
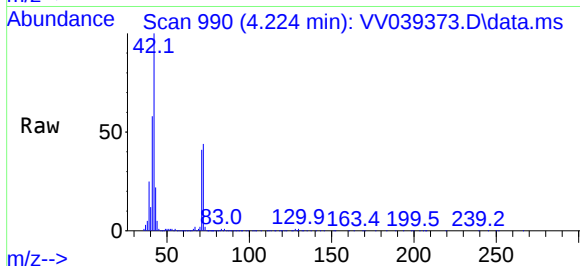




#29  
Tetrahydrofuran  
Concen: 283.241 ug/l  
RT: 4.224 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

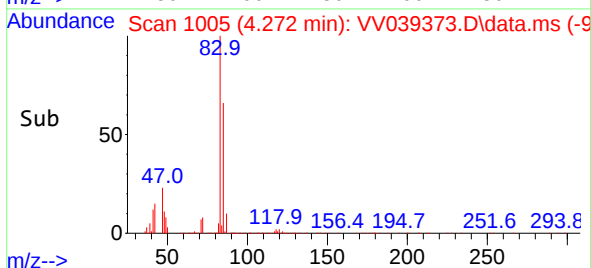
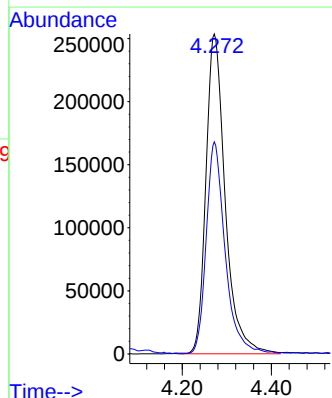
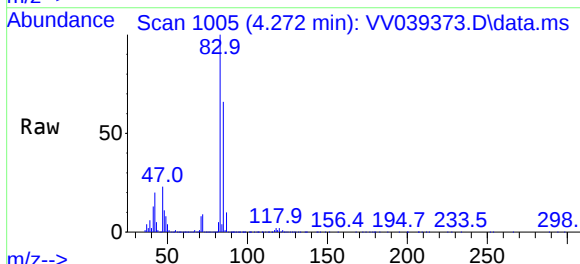
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

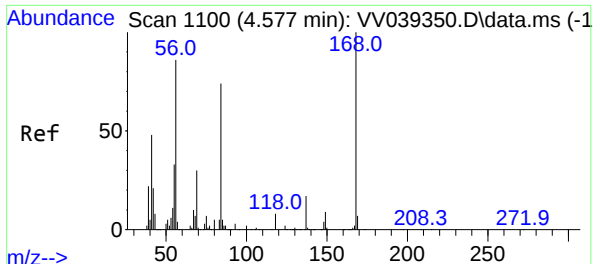
Tgt Ion: 42 Resp: 900129  
Ion Ratio Lower Upper  
42 100  
72 45.0 35.3 52.9  
71 42.0 34.0 51.0



#30  
Chloroform  
Concen: 48.137 ug/l  
RT: 4.272 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 83 Resp: 759445  
Ion Ratio Lower Upper  
83 100  
85 66.1 51.8 77.8





#31

Cyclohexane

Concen: 44.216 ug/l

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050EC

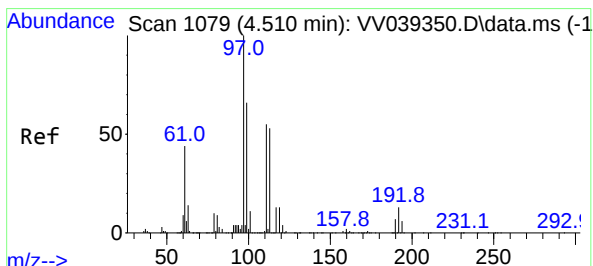
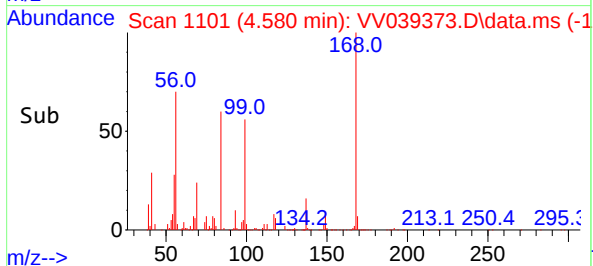
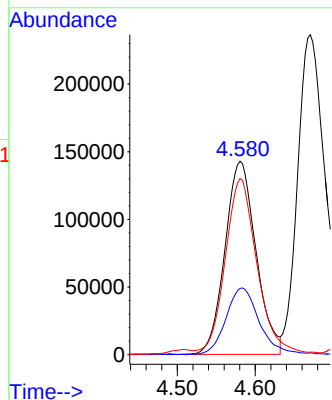
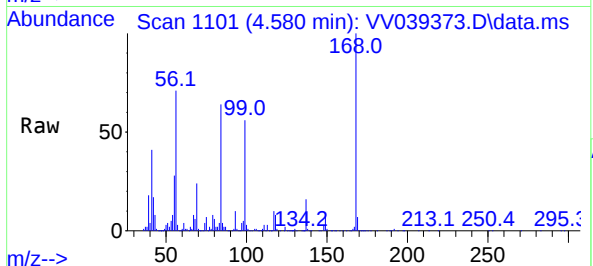
Tgt Ion: 56 Resp: 395319

Ion Ratio Lower Upper

56 100

69 34.2 27.7 41.5

84 88.7 69.4 104.2



#32

1,1,1-Trichloroethane

Concen: 48.878 ug/l

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

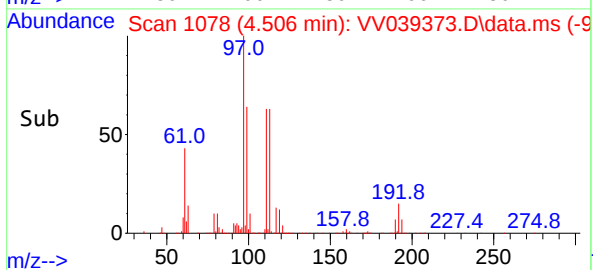
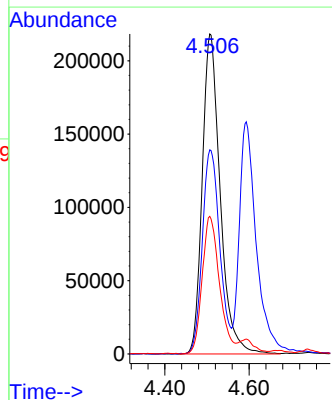
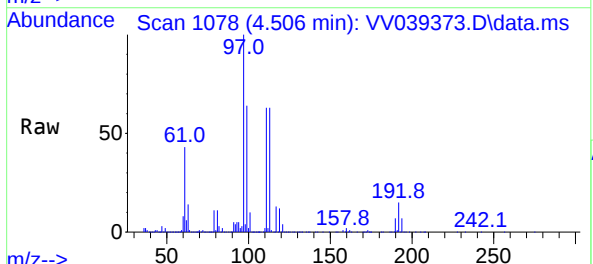
Tgt Ion: 97 Resp: 644884

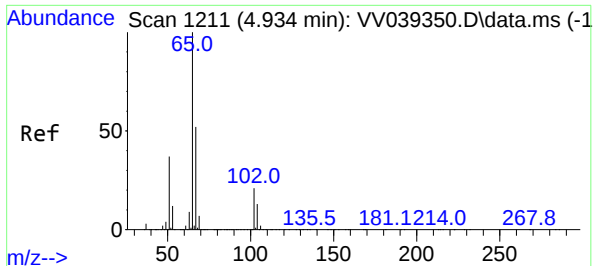
Ion Ratio Lower Upper

97 100

99 61.7 49.9 74.9

61 41.5 33.9 50.9

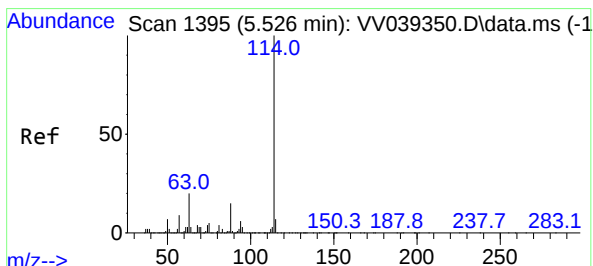
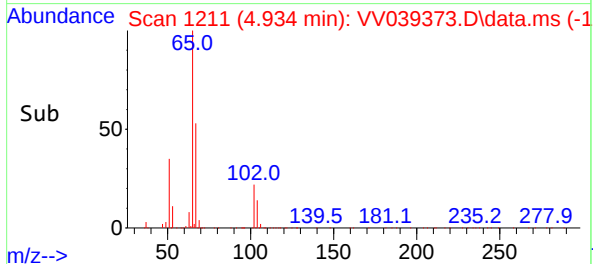
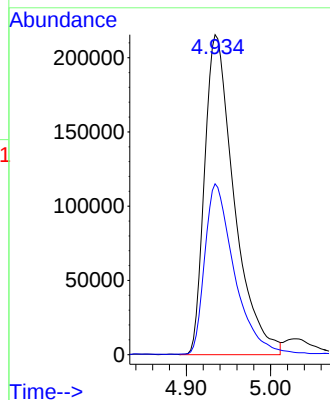
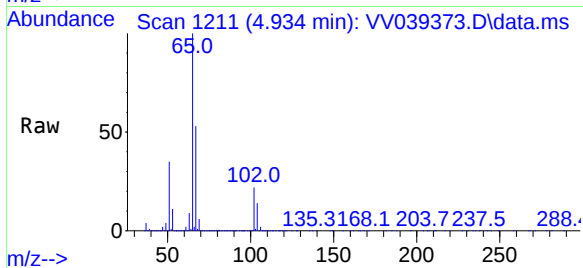




#33  
1,2-Dichloroethane-d4  
Concen: 51.082 ug/l  
RT: 4.934 min Scan# 1211  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

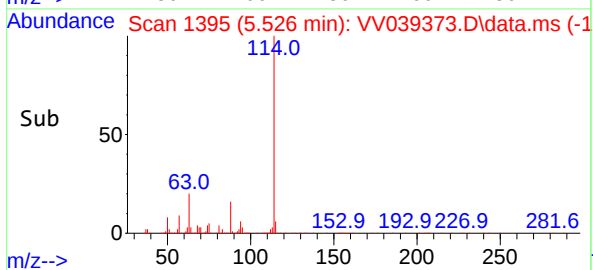
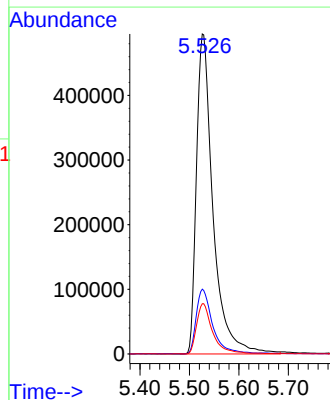
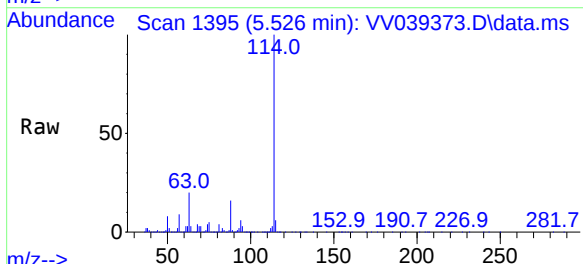
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

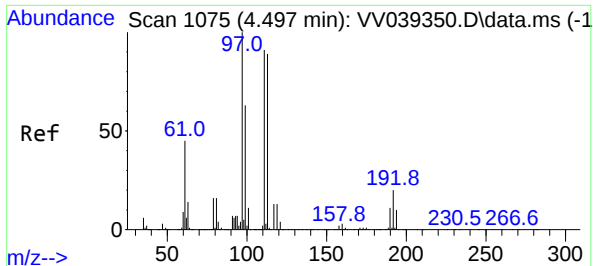
Tgt Ion: 65 Resp: 525323  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 5.526 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 114 Resp: 1153923  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 39.6  
88 15.7 0.0 30.2

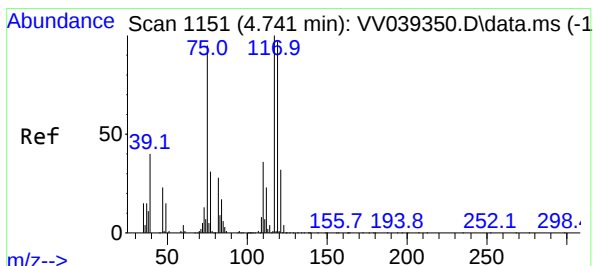
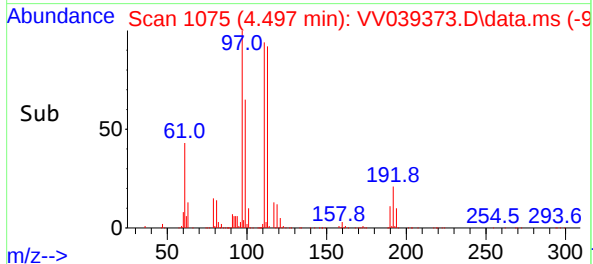
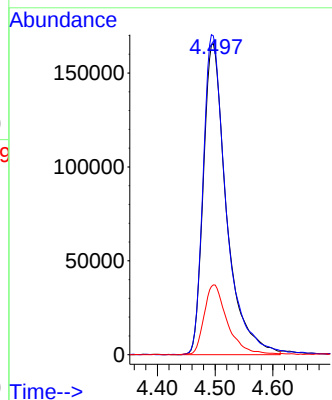
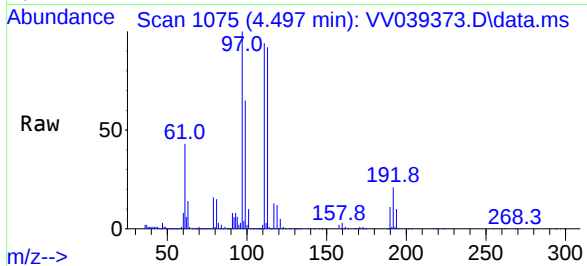




#35  
Dibromofluoromethane  
Concen: 52.188 ug/l  
RT: 4.497 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

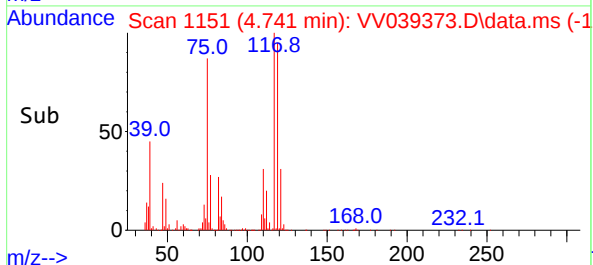
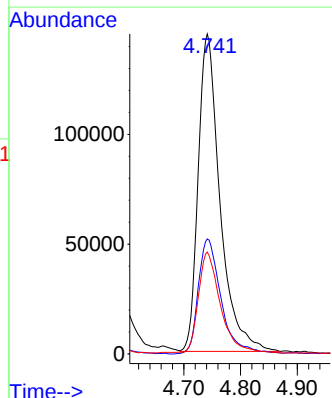
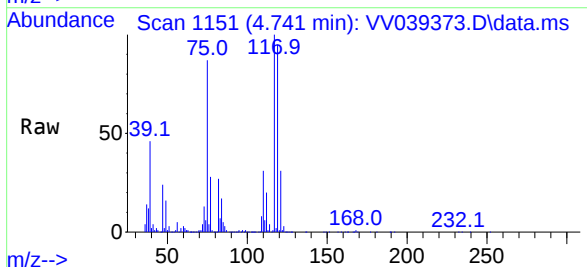
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

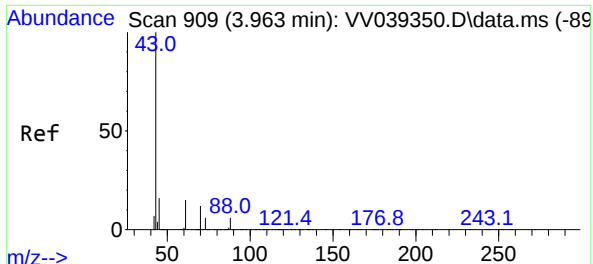
Tgt Ion:113 Resp: 461886  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.6 124.0  
192 22.6 17.8 26.8



#36  
1,1-Dichloropropene  
Concen: 50.680 ug/l  
RT: 4.741 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 386338  
Ion Ratio Lower Upper  
75 100  
110 37.6 18.1 54.4  
77 32.0 24.0 36.0





#37

Ethyl Acetate

Concen: 44.606 ug/l

RT: 3.966 min Scan# 910

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050EC

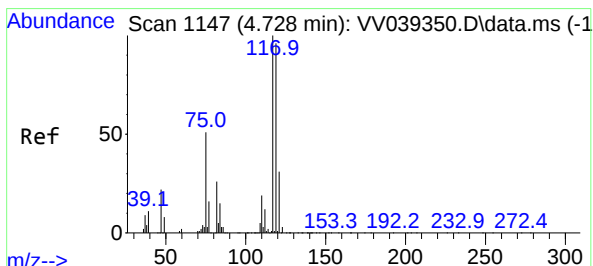
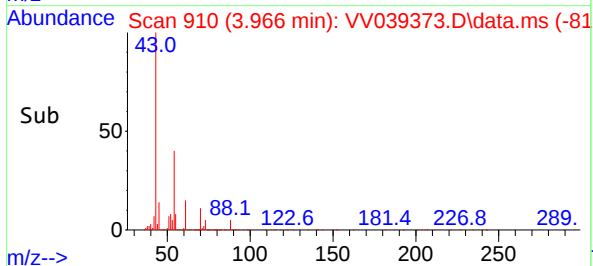
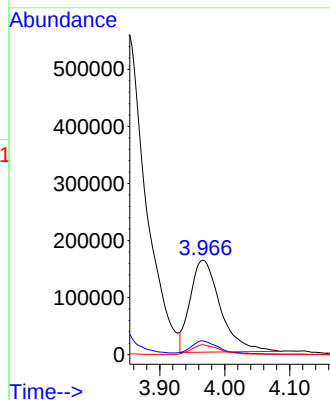
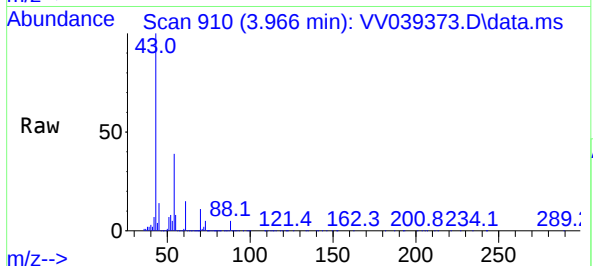
Tgt Ion: 43 Resp: 522367

Ion Ratio Lower Upper

43 100

61 13.4 9.3 13.9

70 9.6 7.0 10.4



#38

Carbon Tetrachloride

Concen: 47.860 ug/l

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

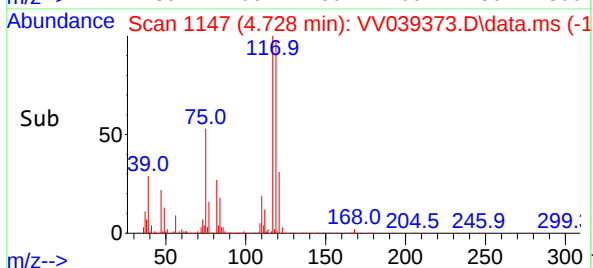
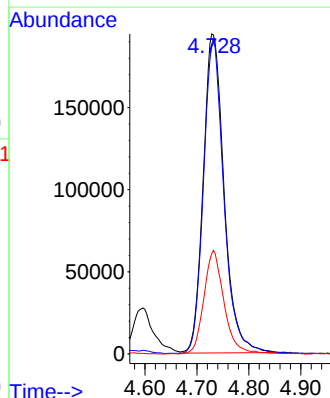
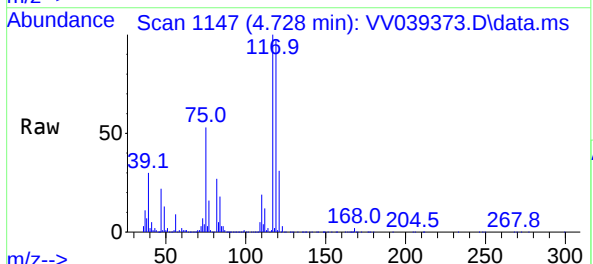
Tgt Ion: 117 Resp: 541953

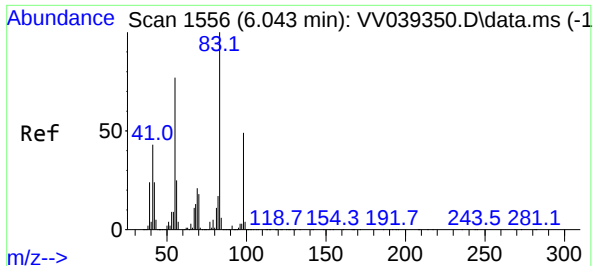
Ion Ratio Lower Upper

117 100

119 97.0 76.1 114.1

121 31.4 25.0 37.4

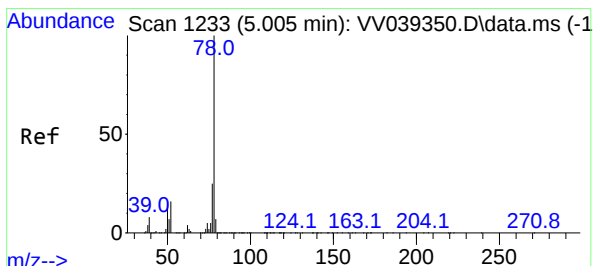
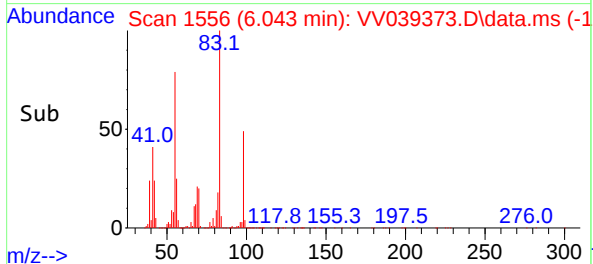
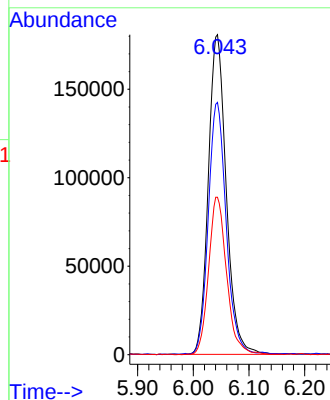
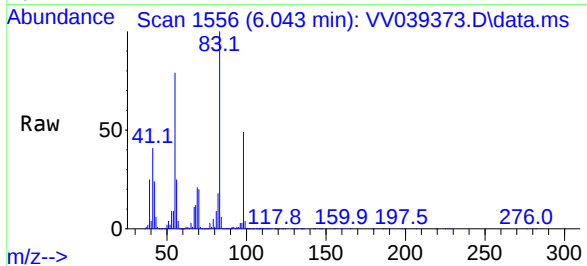




#39  
Methylcyclohexane  
Concen: 49.883 ug/l  
RT: 6.043 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

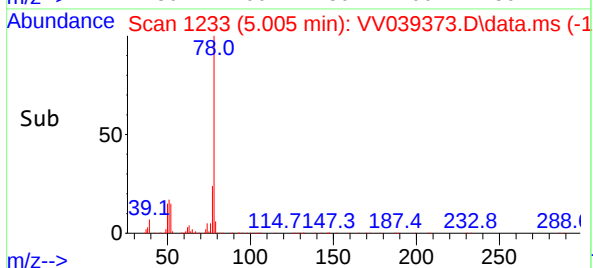
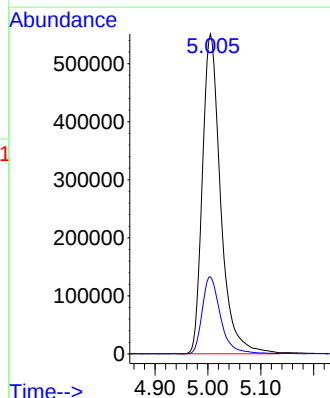
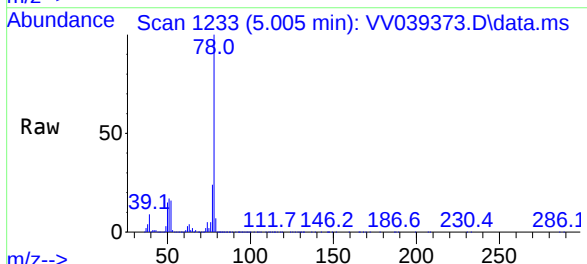
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

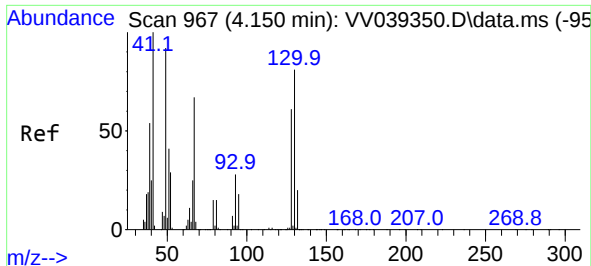
Tgt Ion: 83 Resp: 404846  
Ion Ratio Lower Upper  
83 100  
55 78.8 61.3 91.9  
98 49.2 39.0 58.6



#40  
Benzene  
Concen: 49.478 ug/l  
RT: 5.005 min Scan# 1233  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 78 Resp: 1318968  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.6 29.4



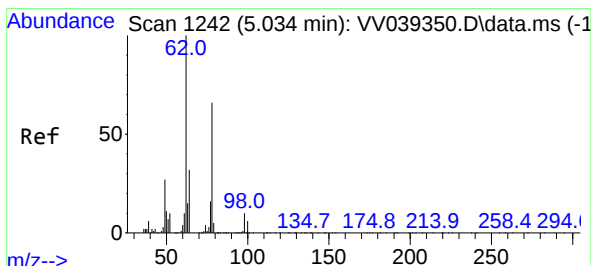
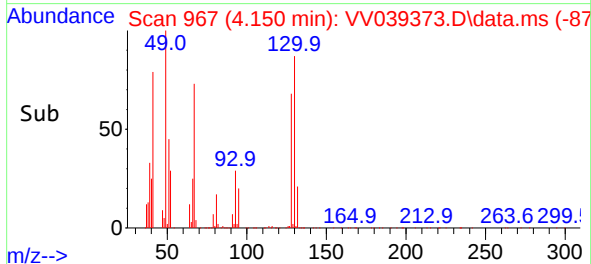
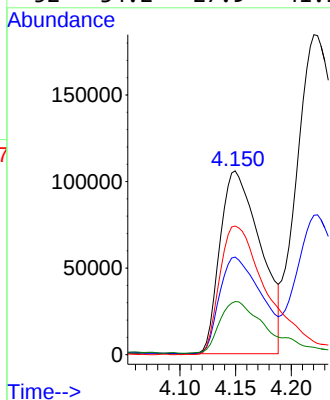
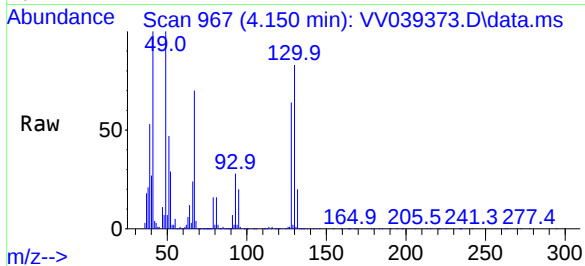


#41  
Methacrylonitrile  
Concen: 64.274 ug/l  
RT: 4.150 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 268793

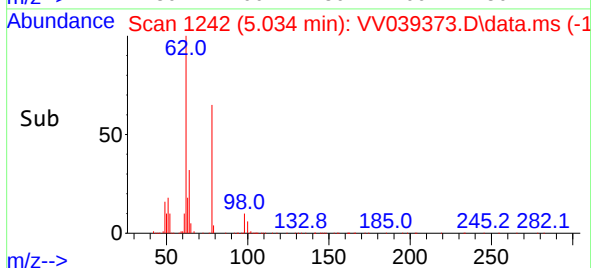
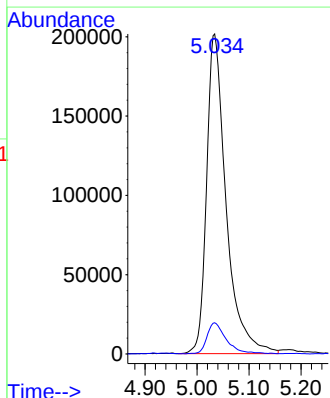
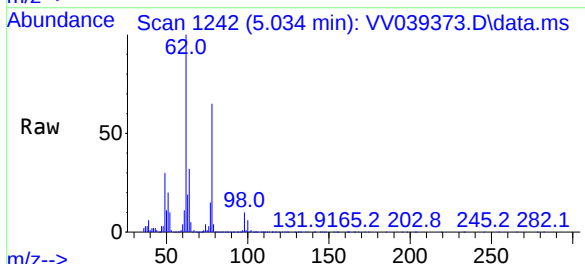
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.2  | 44.3  | 66.5  |
| 67  | 86.3  | 71.4  | 107.2 |
| 52  | 34.2  | 27.9  | 41.9  |

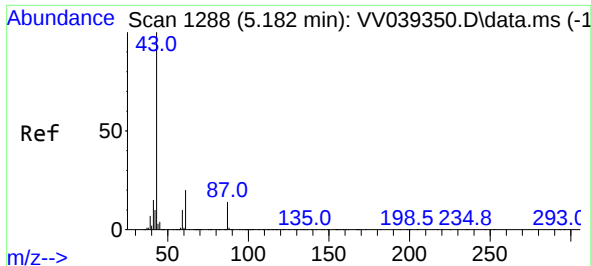


#42  
1,2-Dichloroethane  
Concen: 50.618 ug/l  
RT: 5.034 min Scan# 1242  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 62 Resp: 525854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 18.6  |

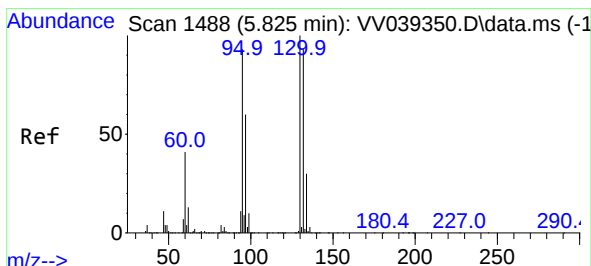
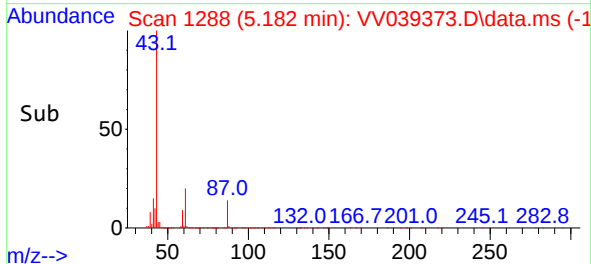
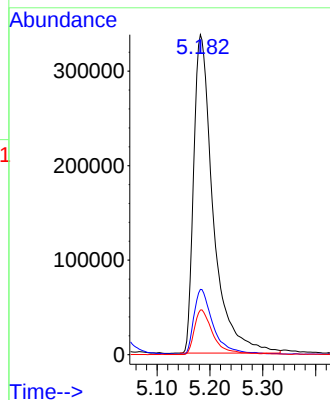
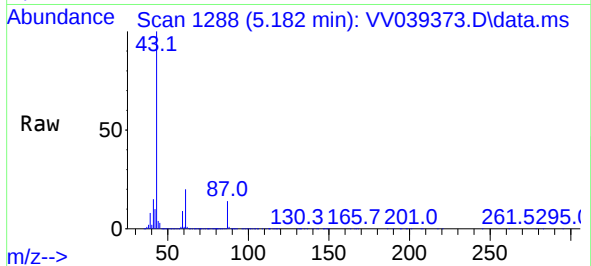




#43  
Isopropyl Acetate  
Concen: 55.488 ug/l  
RT: 5.182 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

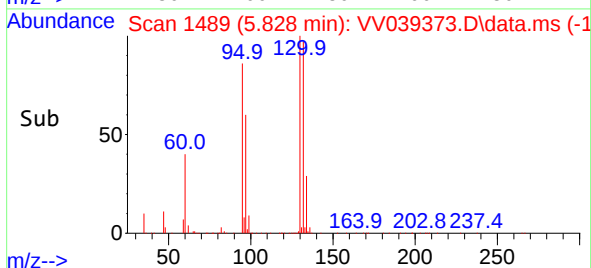
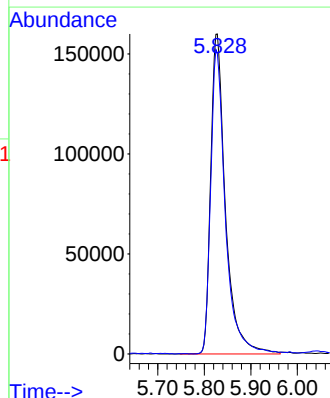
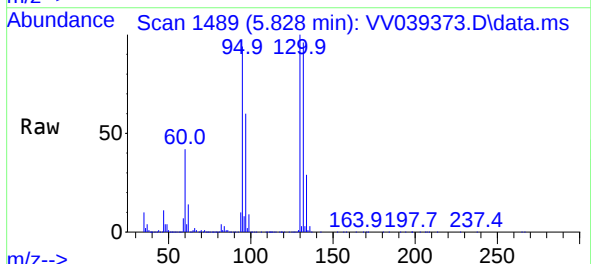
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

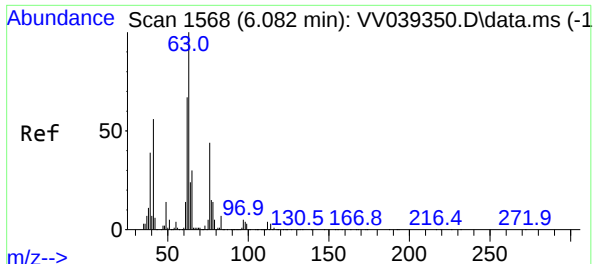
Tgt Ion: 43 Resp: 865654  
Ion Ratio Lower Upper  
43 100  
61 19.8 15.7 23.5  
87 13.5 11.1 16.7



#44  
Trichloroethene  
Concen: 48.893 ug/l  
RT: 5.828 min Scan# 1489  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:130 Resp: 353662  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.735 ug/l

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

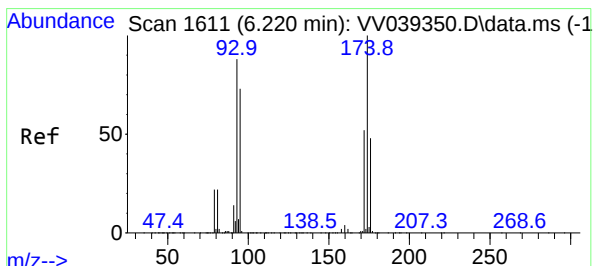
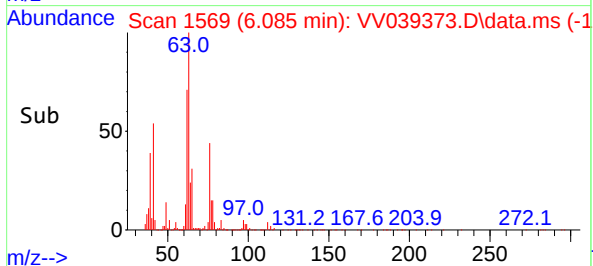
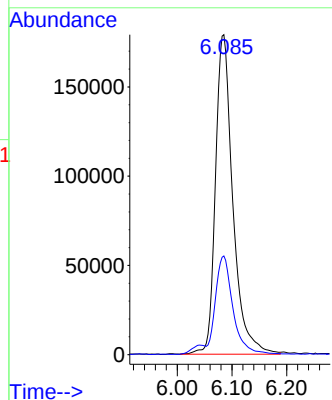
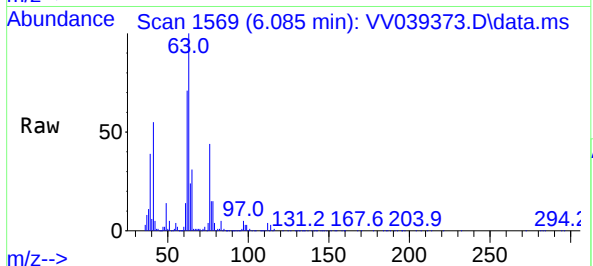
VSTDCCC050EC

Tgt Ion: 63 Resp: 394797

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 48.065 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

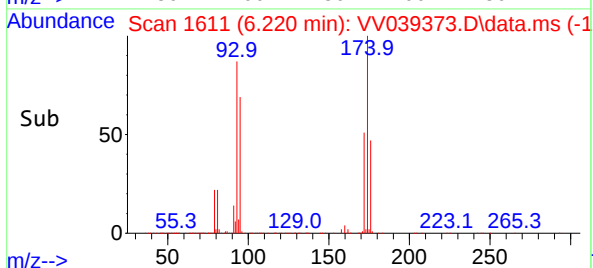
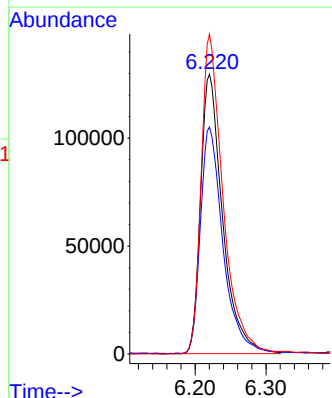
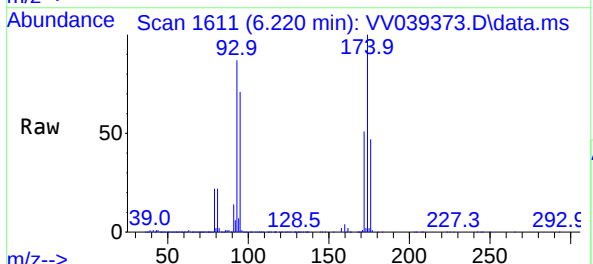
Tgt Ion: 93 Resp: 278787

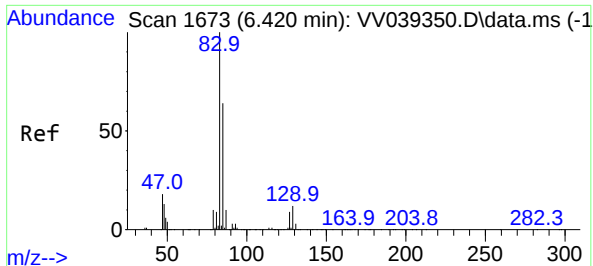
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 114.0 91.4 137.0

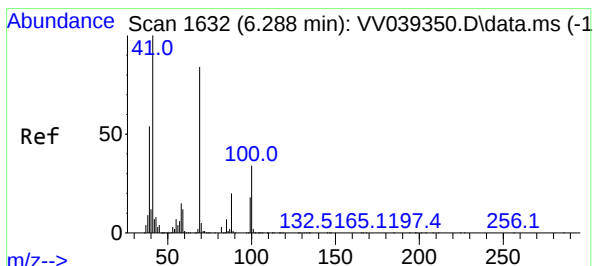
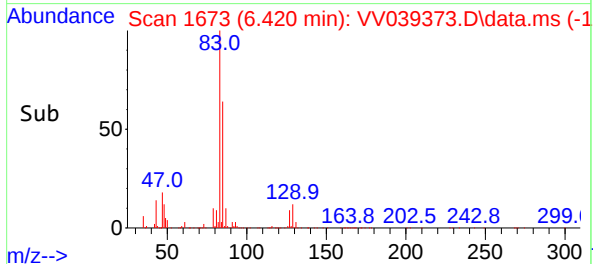
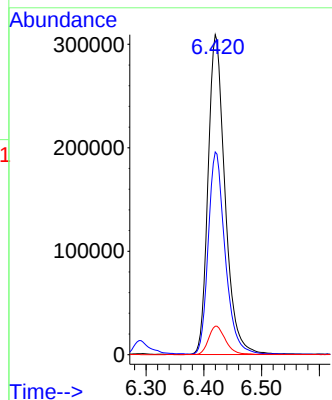
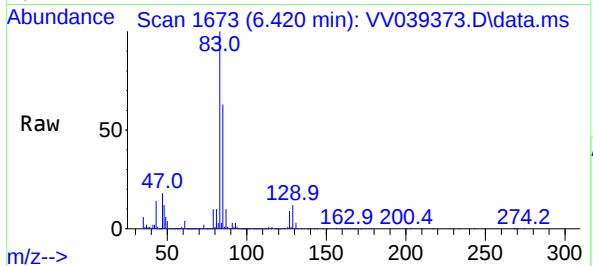




#47  
Bromodichloromethane  
Concen: 50.152 ug/l  
RT: 6.420 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

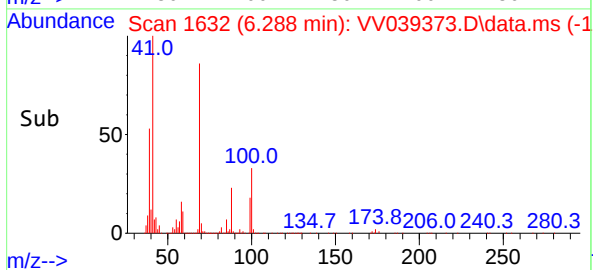
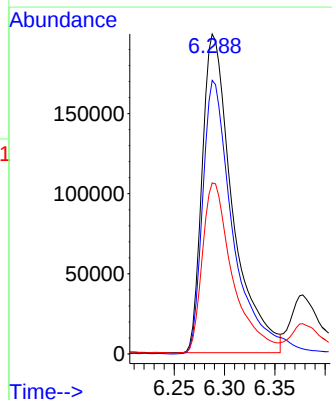
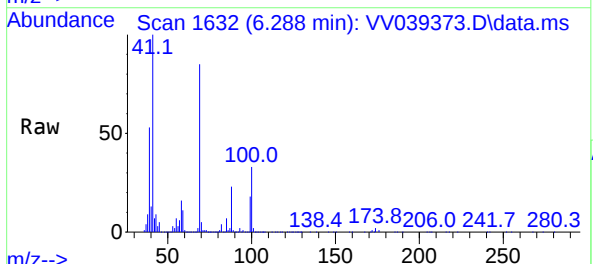
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

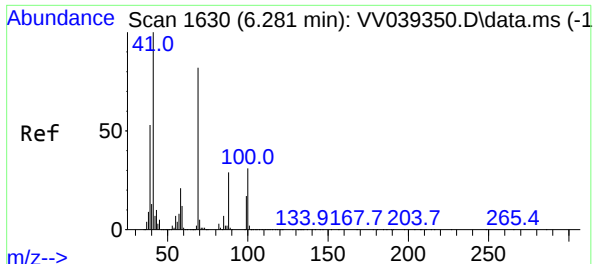
Tgt Ion: 83 Resp: 629973  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.0 76.4  
127 8.9 7.3 10.9



#48  
Methyl methacrylate  
Concen: 57.456 ug/l  
RT: 6.288 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 41 Resp: 417465  
Ion Ratio Lower Upper  
41 100  
69 87.3 69.1 103.7  
39 53.2 42.8 64.2

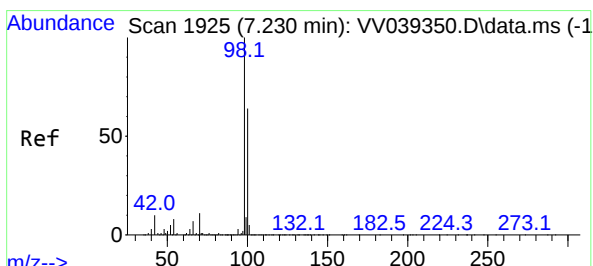
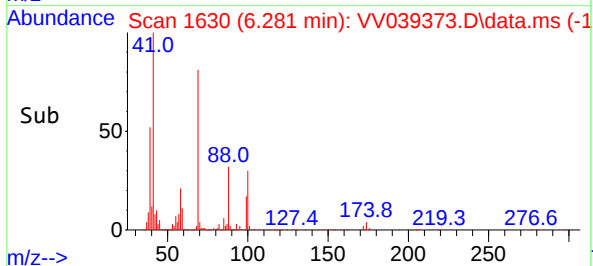
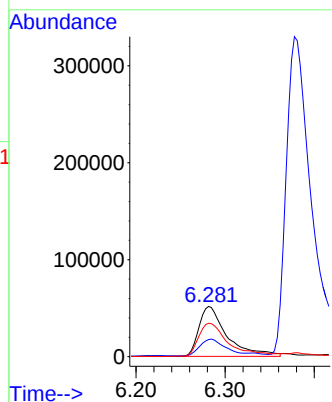
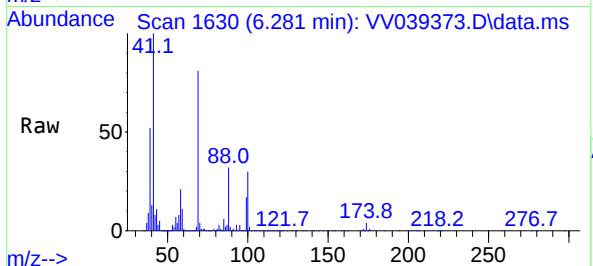




#49  
1,4-Dioxane  
Concen: 1008.809 ug/l  
RT: 6.281 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

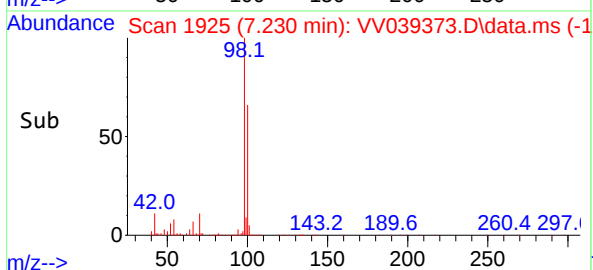
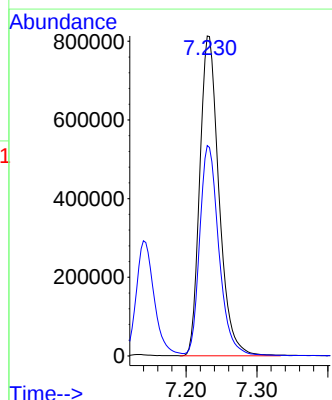
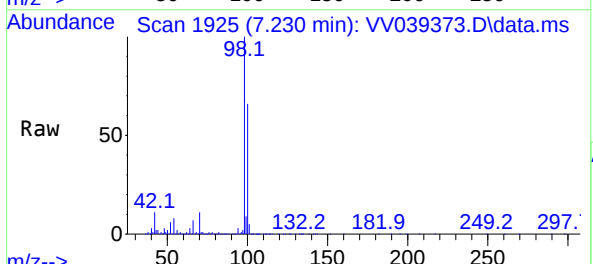
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

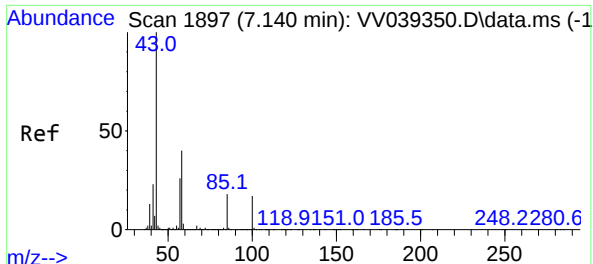
Tgt Ion: 88 Resp: 112897  
Ion Ratio Lower Upper  
88 100  
43 30.9 26.6 40.0  
58 70.3 55.4 83.0



#50  
Toluene-d8  
Concen: 52.224 ug/l  
RT: 7.230 min Scan# 1925  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 98 Resp: 1527387  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.8 79.2

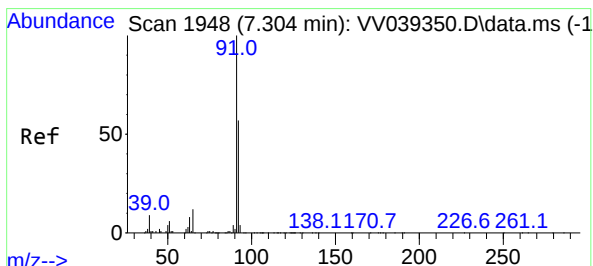
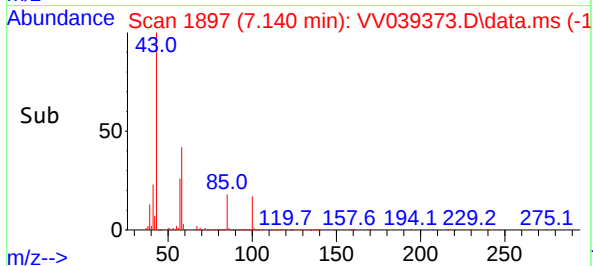
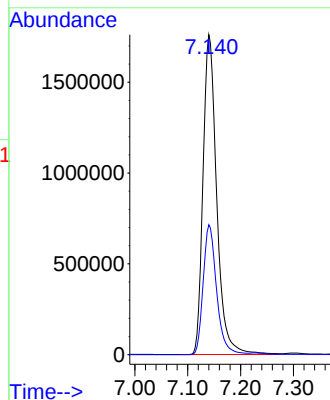
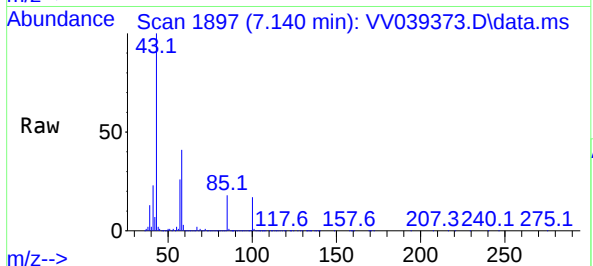




#51  
4-Methyl-2-Pentanone  
Concen: 297.997 ug/l  
RT: 7.140 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

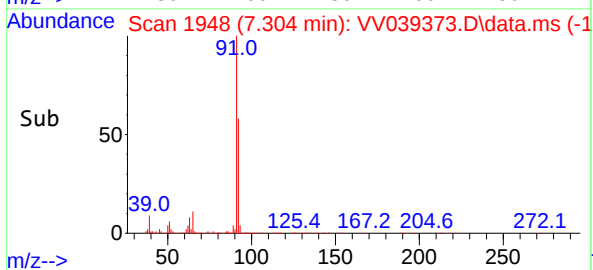
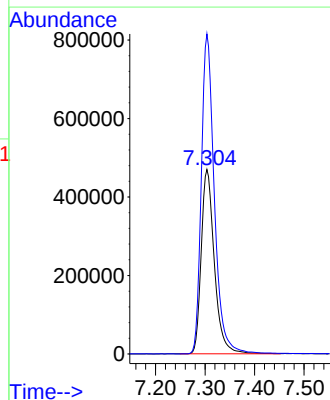
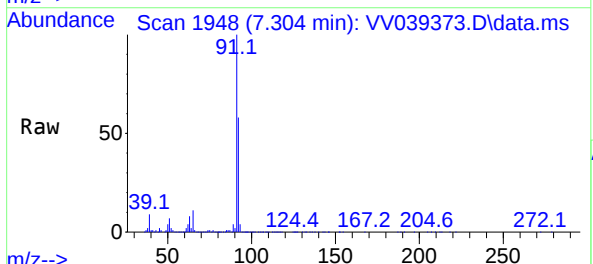
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

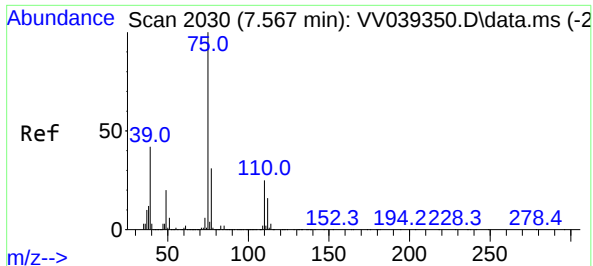
Tgt Ion: 43 Resp: 3177934  
Ion Ratio Lower Upper  
43 100  
58 39.8 31.8 47.6



#52  
Toluene  
Concen: 52.080 ug/l  
RT: 7.304 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 92 Resp: 870000  
Ion Ratio Lower Upper  
92 100  
91 171.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 55.253 ug/l

RT: 7.571 min Scan# 2030

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

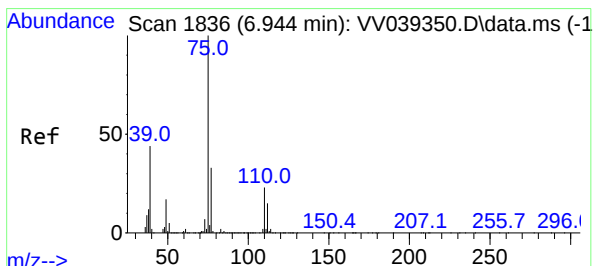
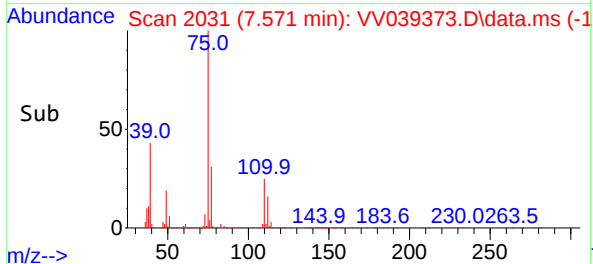
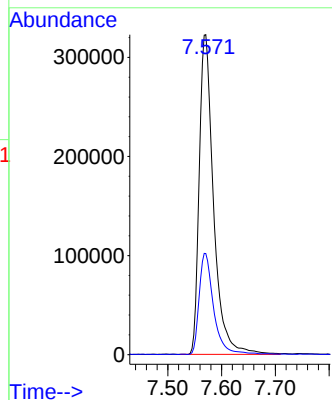
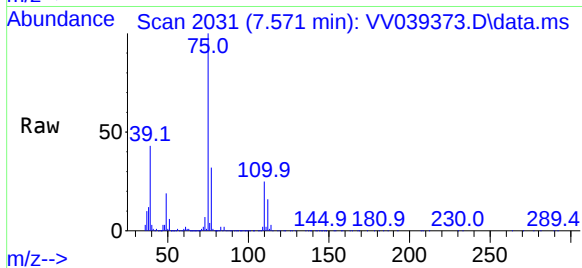
VSTDCCC050EC

Tgt Ion: 75 Resp: 597158

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 54.457 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

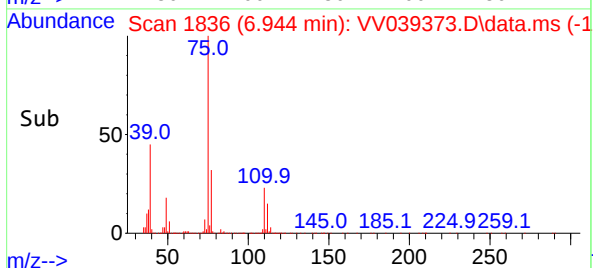
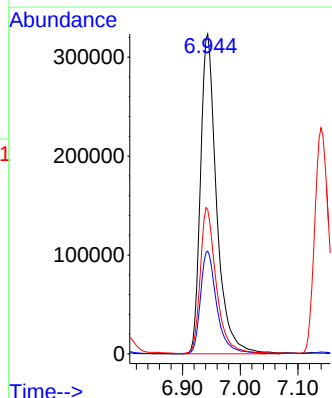
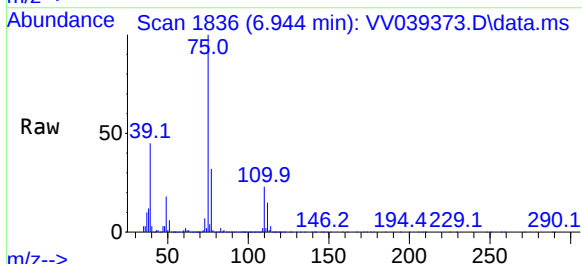
Tgt Ion: 75 Resp: 624854

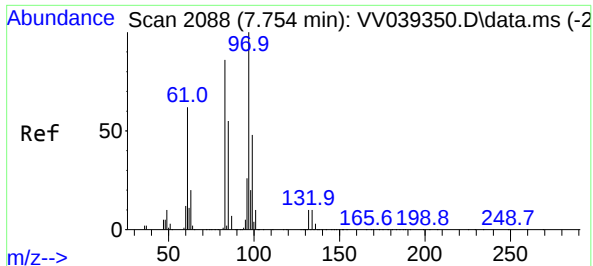
Ion Ratio Lower Upper

75 100

77 32.1 26.3 39.5

39 45.0 35.5 53.3



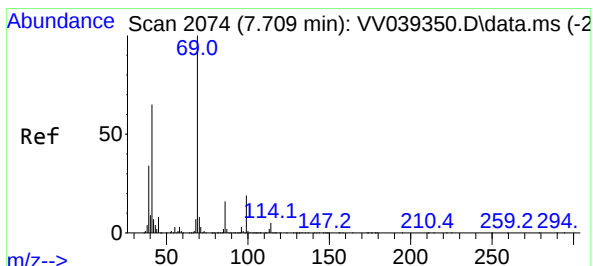
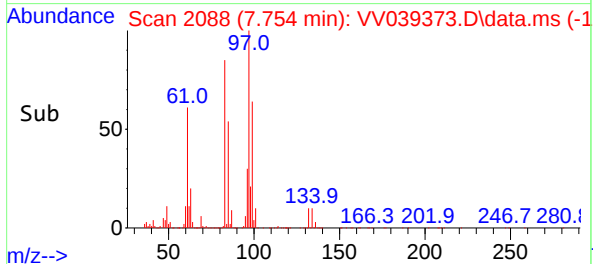
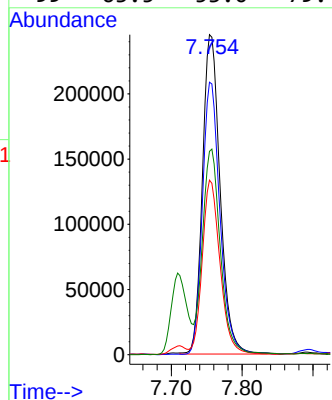
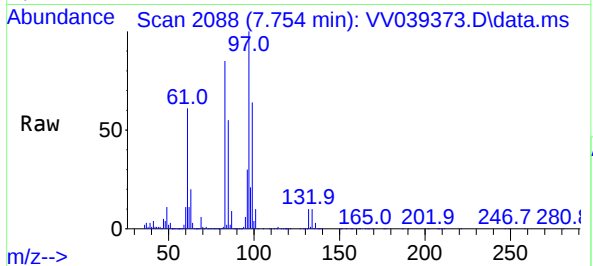


#55  
1,1,2-Trichloroethane  
Concen: 50.328 ug/l  
RT: 7.754 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 425665

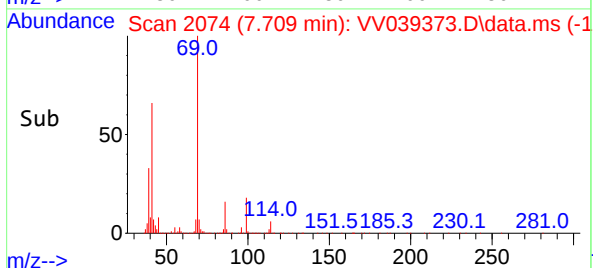
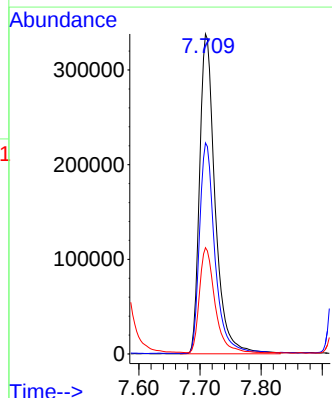
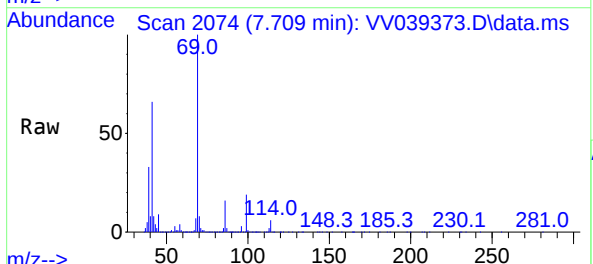
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 68.8  | 103.2 |
| 85  | 54.5  | 45.2  | 67.8  |
| 99  | 63.5  | 53.0  | 79.4  |

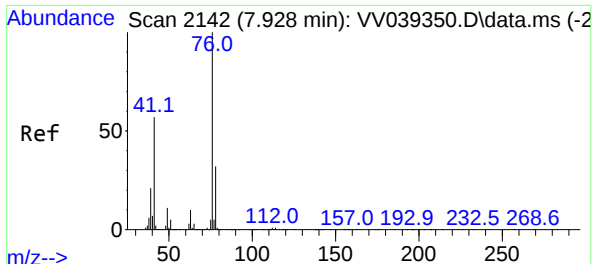


#56  
Ethyl methacrylate  
Concen: 58.308 ug/l  
RT: 7.709 min Scan# 2074  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 69 Resp: 595450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.1  | 52.5  | 78.7  |
| 39  | 32.9  | 26.7  | 40.1  |

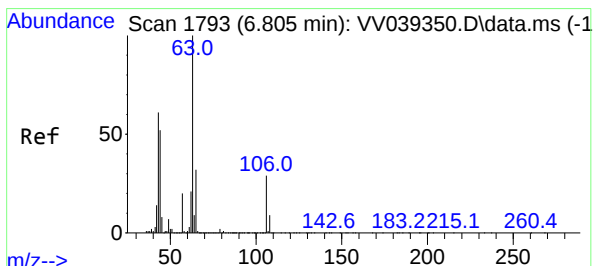
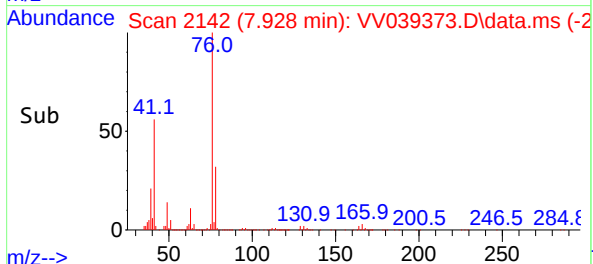
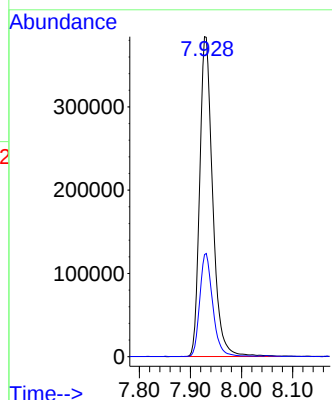
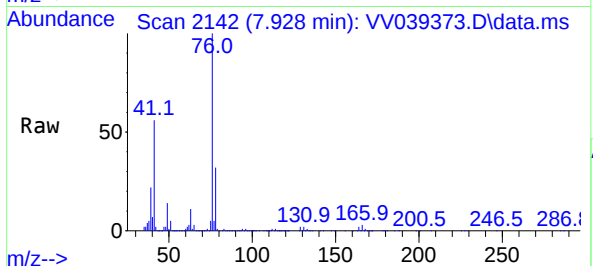




#57  
1,3-Dichloropropane  
Concen: 52.137 ug/l  
RT: 7.928 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

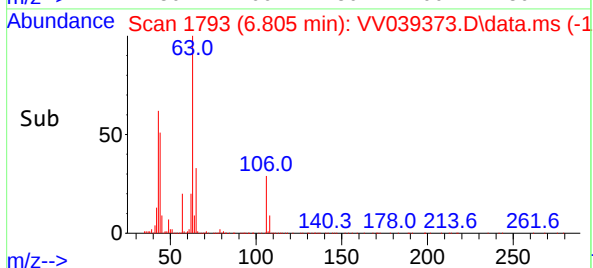
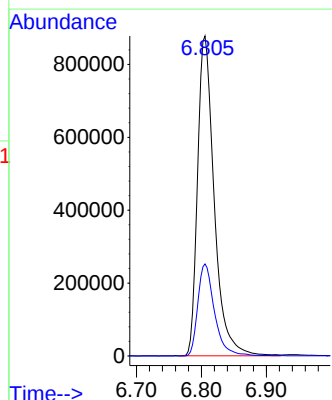
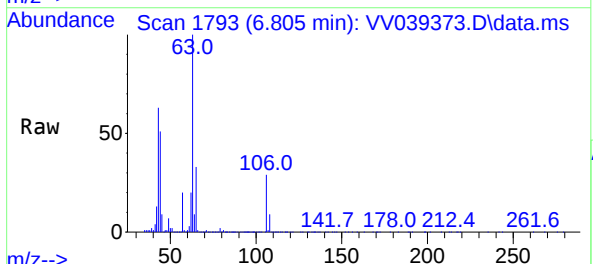
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

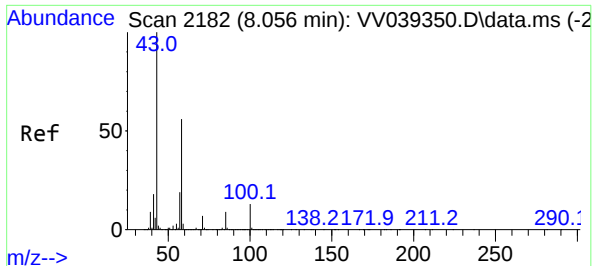
Tgt Ion: 76 Resp: 678187  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 538.974 ug/l  
RT: 6.805 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 63 Resp: 1565199  
Ion Ratio Lower Upper  
63 100  
106 29.0 23.3 34.9

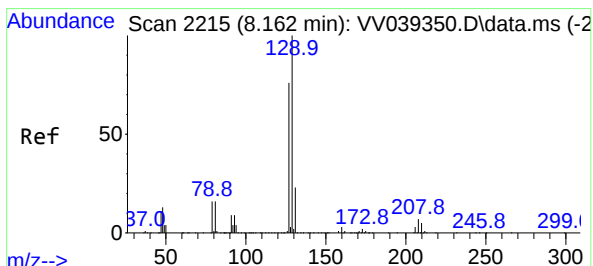
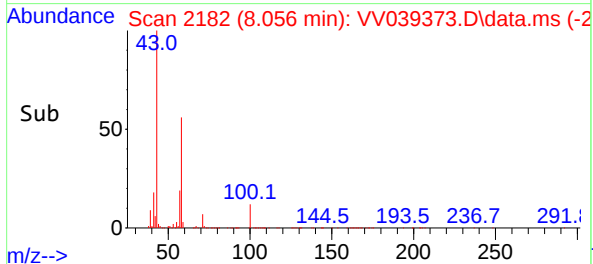
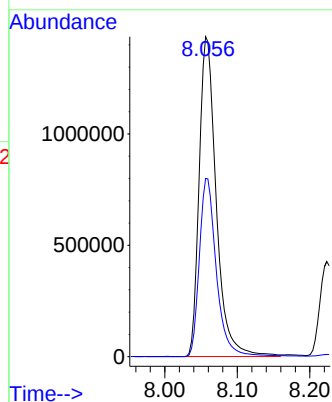
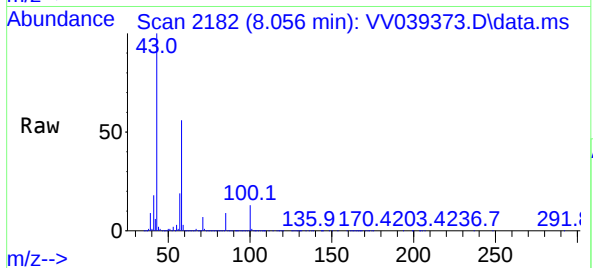




#59  
2-Hexanone  
Concen: 308.100 ug/l  
RT: 8.056 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

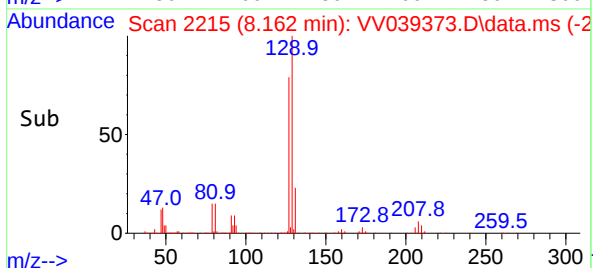
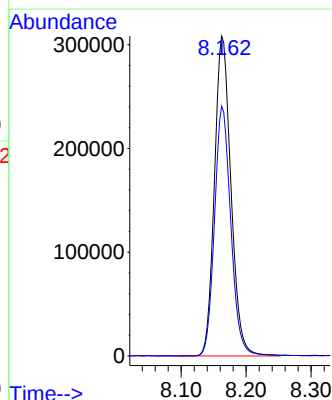
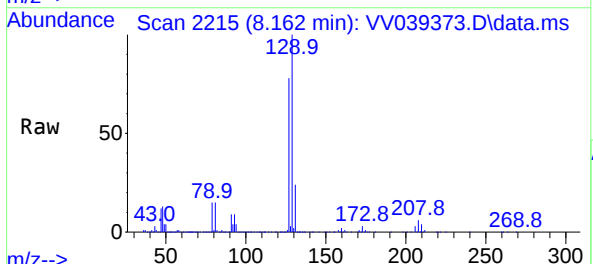
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

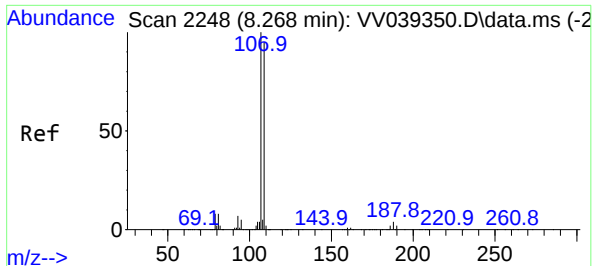
Tgt Ion: 43 Resp: 2348249  
Ion Ratio Lower Upper  
43 100  
58 55.8 27.7 83.1



#60  
Dibromochloromethane  
Concen: 50.165 ug/l  
RT: 8.162 min Scan# 2215  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 129 Resp: 543683  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 115.7





#61

1,2-Dibromoethane

Concen: 51.587 ug/l

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

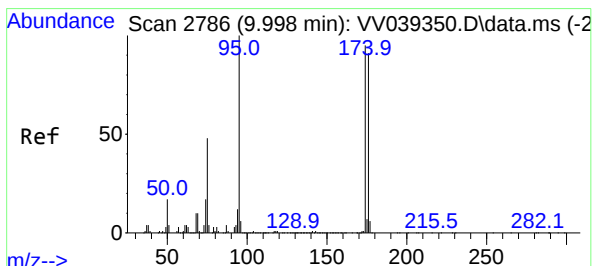
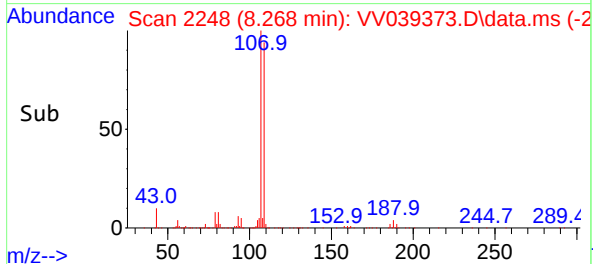
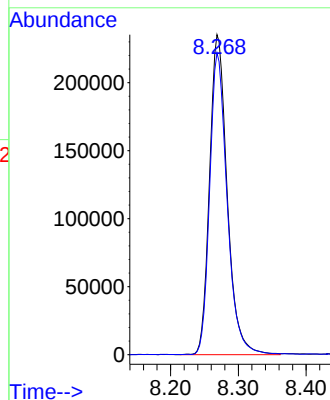
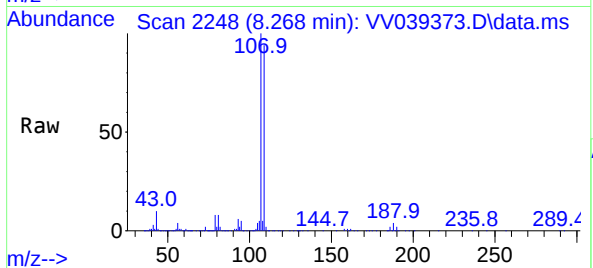
VSTDCCC050EC

Tgt Ion:107 Resp: 425287

Ion Ratio Lower Upper

107 100

109 93.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.754 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

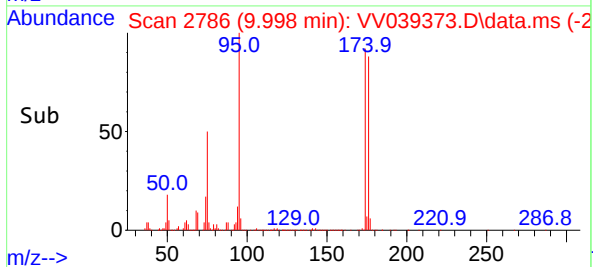
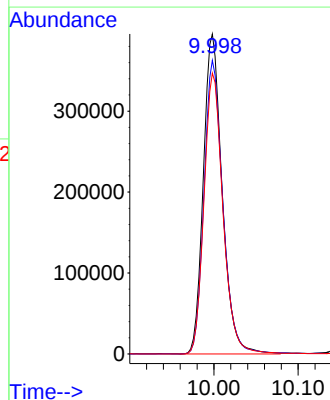
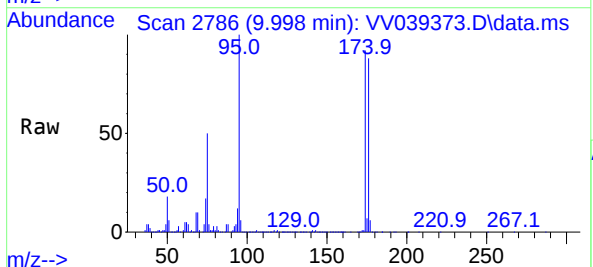
Tgt Ion: 95 Resp: 615335

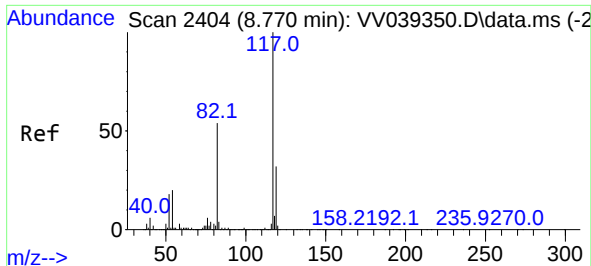
Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.6

176 88.6 0.0 180.2

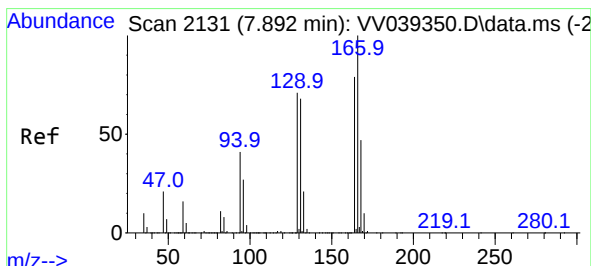
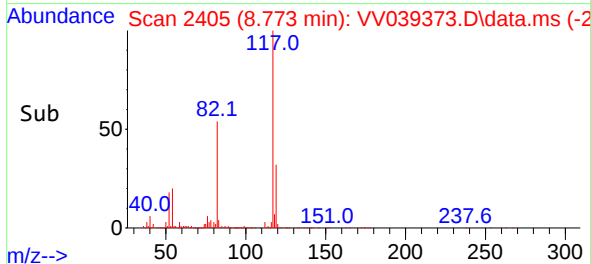
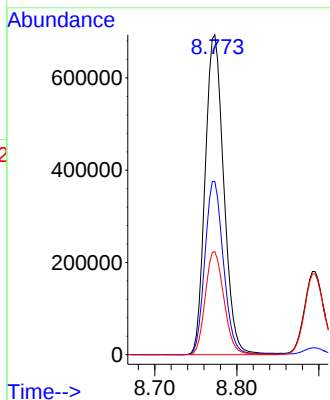
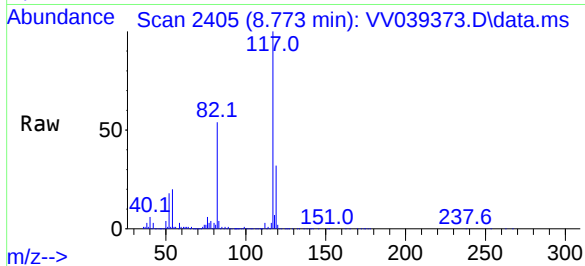




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.773 min Scan# 2404  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

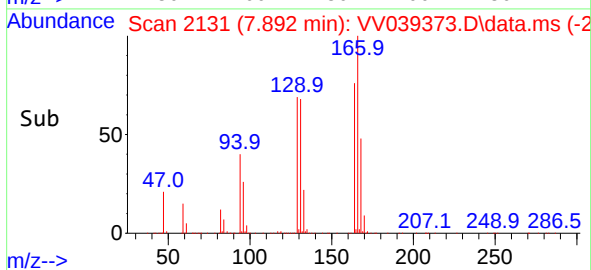
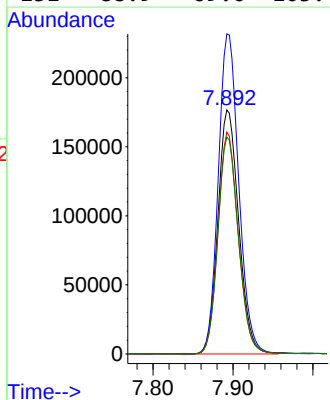
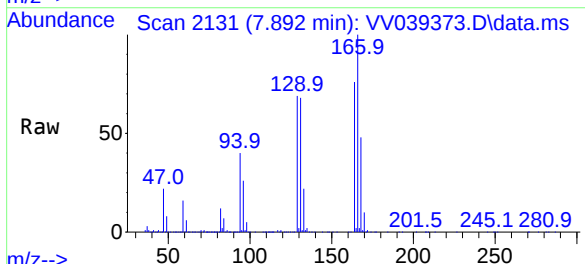
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

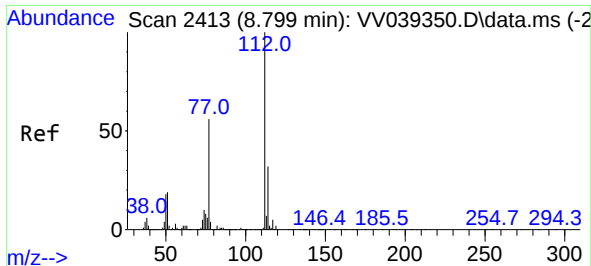
Tgt Ion:117 Resp: 1096215  
Ion Ratio Lower Upper  
117 100  
82 54.1 42.9 64.3  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 47.069 ug/l  
RT: 7.892 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:164 Resp: 318887  
Ion Ratio Lower Upper  
164 100  
166 130.9 101.9 152.9  
129 90.8 71.8 107.8  
131 88.9 69.0 103.4

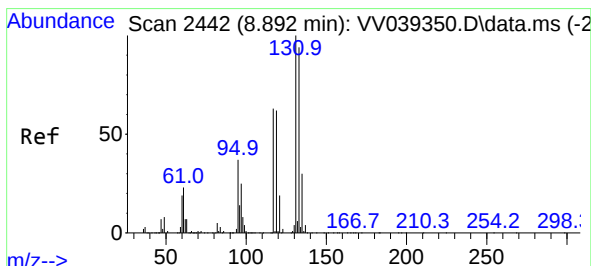
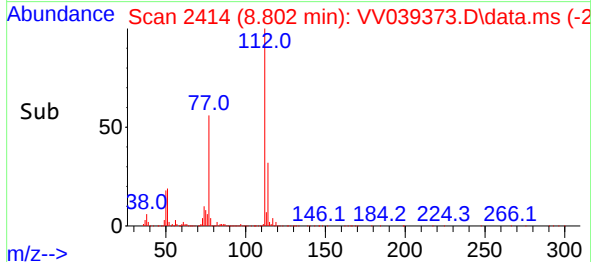
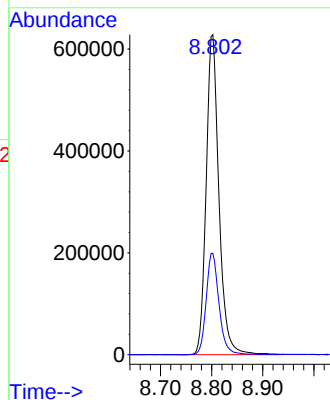
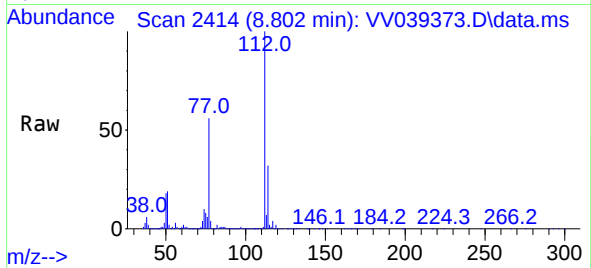




#65  
Chlorobenzene  
Concen: 50.072 ug/l  
RT: 8.802 min Scan# 2414  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

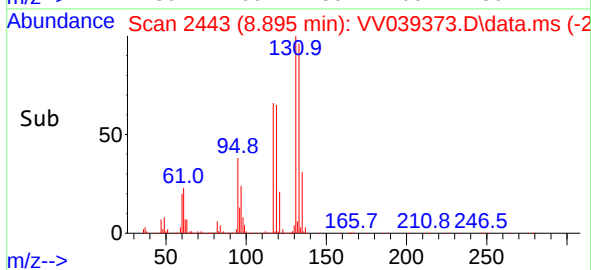
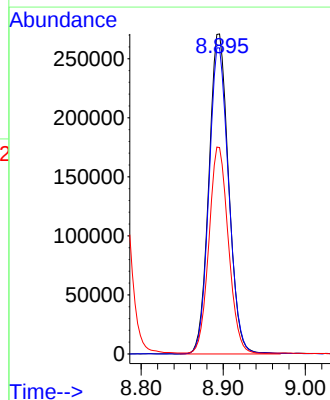
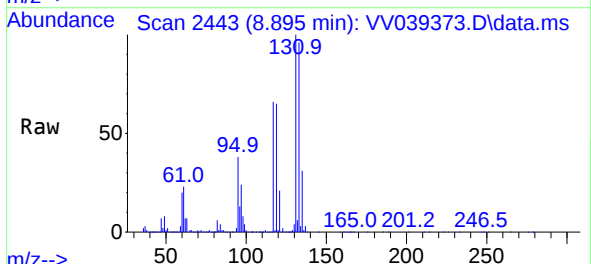
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

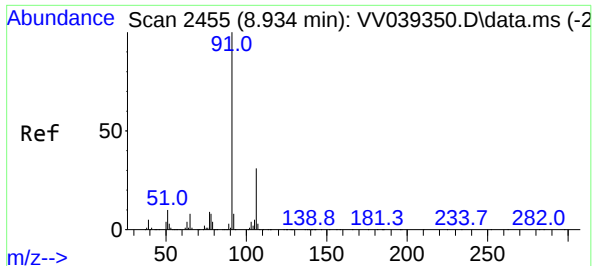
Tgt Ion:112 Resp: 1092691  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.793 ug/l  
RT: 8.895 min Scan# 2443  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:131 Resp: 453388  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.9 143.8  
119 63.4 31.6 94.8

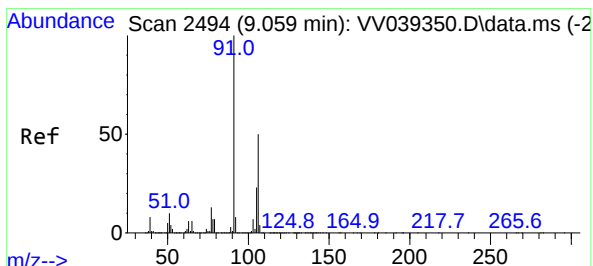
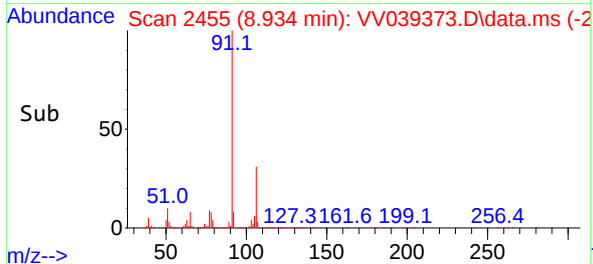
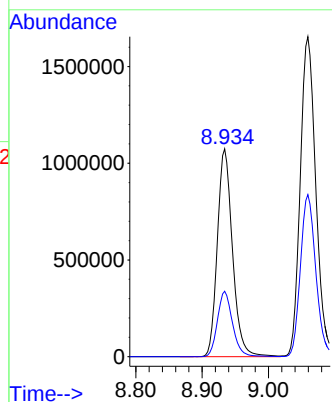
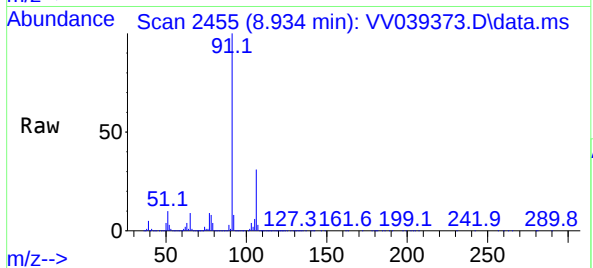




#67  
Ethyl Benzene  
Concen: 54.059 ug/l  
RT: 8.934 min Scan# 2455  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

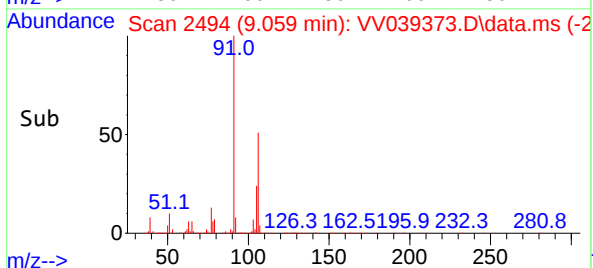
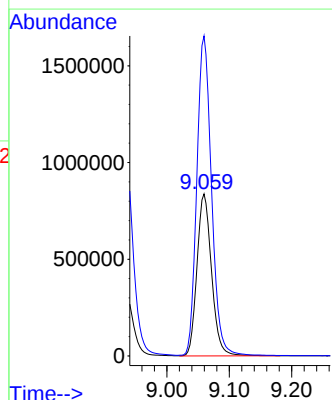
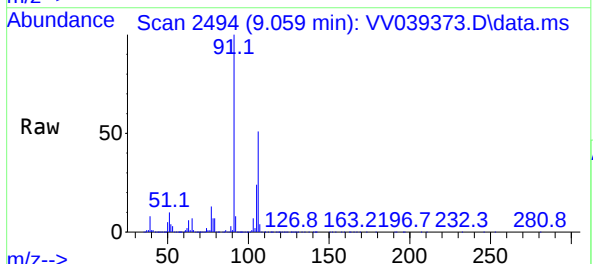
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

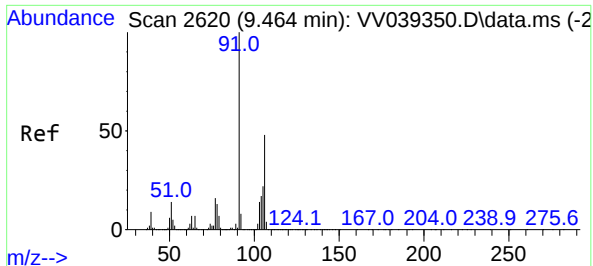
Tgt Ion: 91 Resp: 1706341  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 113.920 ug/l  
RT: 9.059 min Scan# 2494  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 106 Resp: 1357942  
Ion Ratio Lower Upper  
106 100  
91 198.9 161.5 242.3

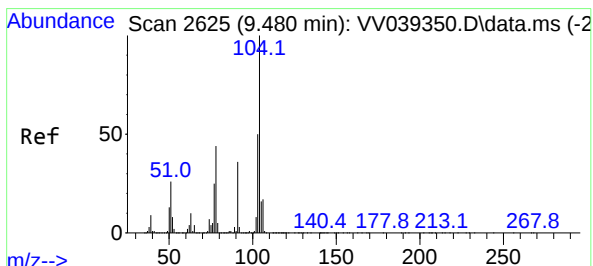
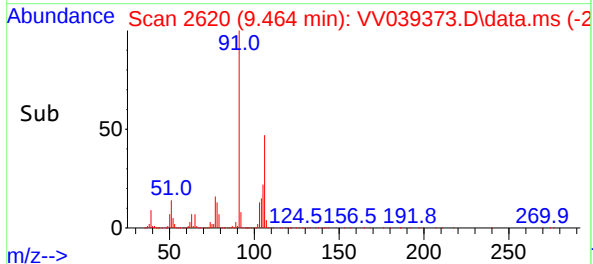
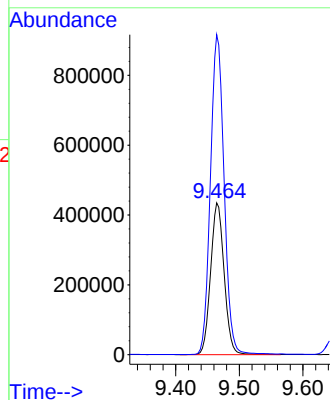
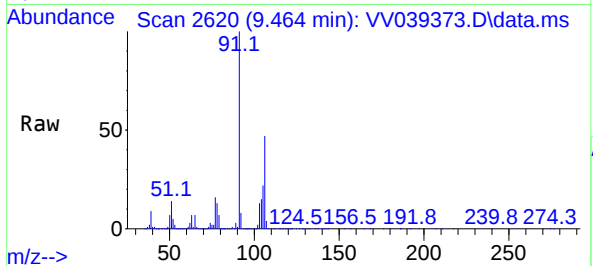




#69  
o-Xylene  
Concen: 56.833 ug/l  
RT: 9.464 min Scan# 2620  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

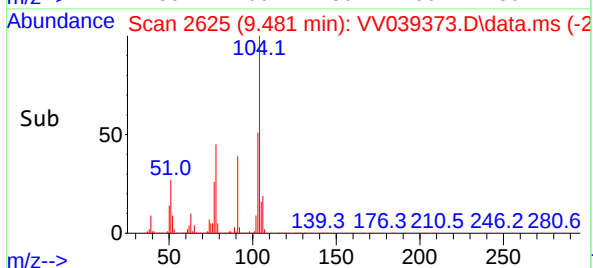
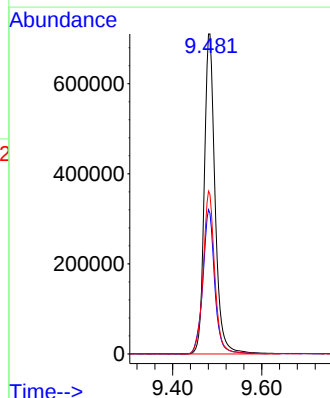
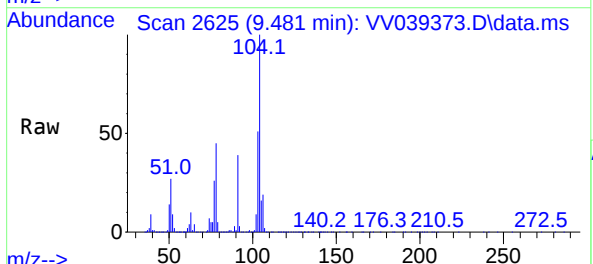
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

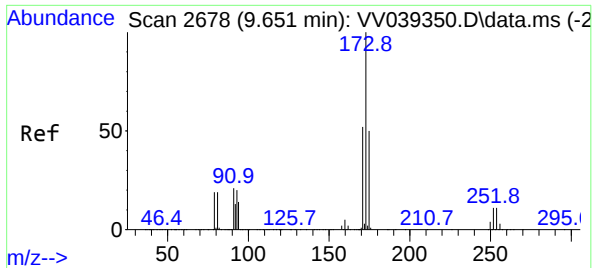
Tgt Ion:106 Resp: 640953  
Ion Ratio Lower Upper  
106 100  
91 213.5 105.9 317.7



#70  
Styrene  
Concen: 59.409 ug/l  
RT: 9.481 min Scan# 2625  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:104 Resp: 1197759  
Ion Ratio Lower Upper  
104 100  
78 49.2 39.0 58.4  
103 54.4 43.4 65.2

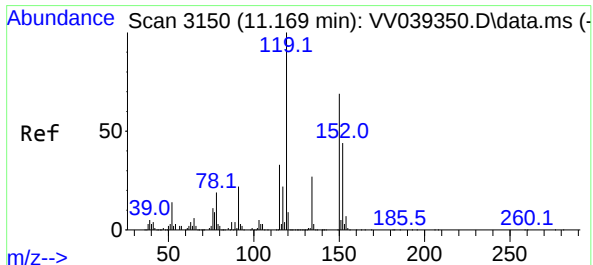
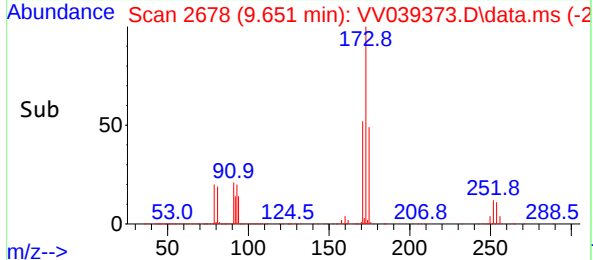
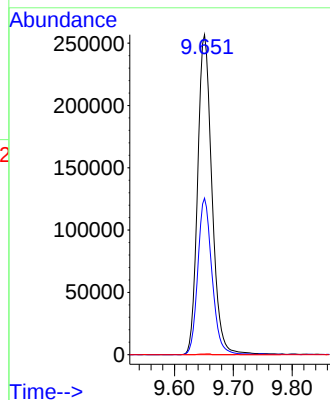
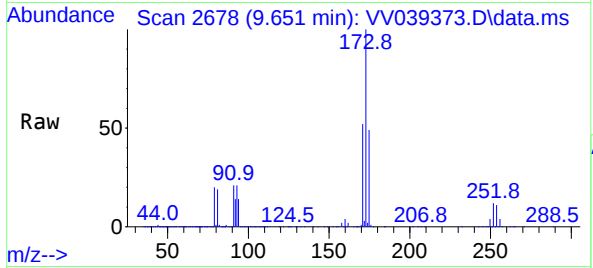




#71  
Bromoform  
Concen: 51.350 ug/l  
RT: 9.651 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

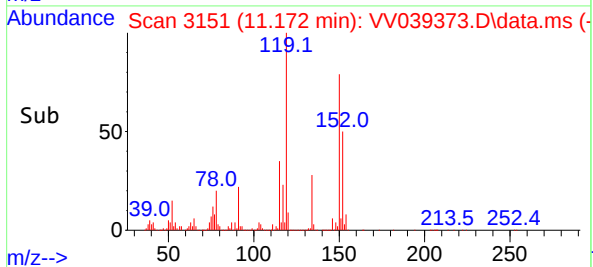
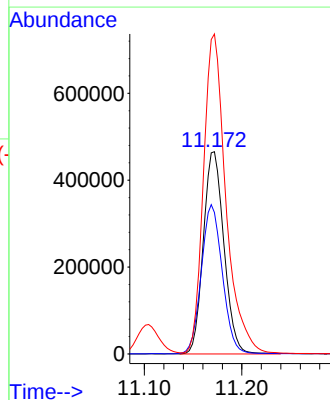
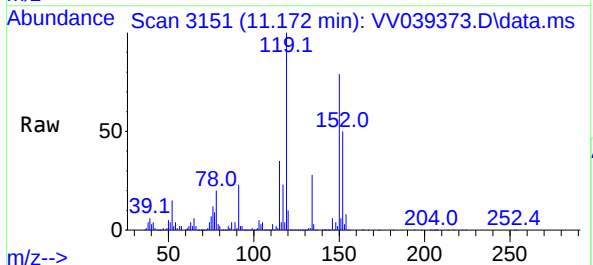
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

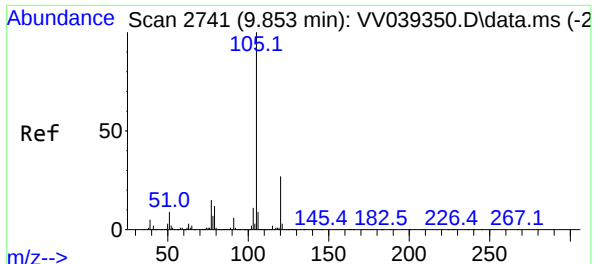
Tgt Ion:173 Resp: 434040  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.5 73.5  
254 0.2 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:152 Resp: 684381  
Ion Ratio Lower Upper  
152 100  
115 75.2 37.3 111.9  
150 172.4 0.0 340.4

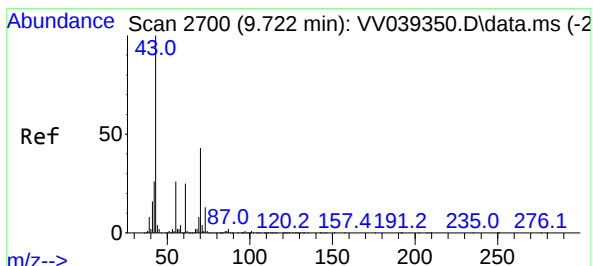
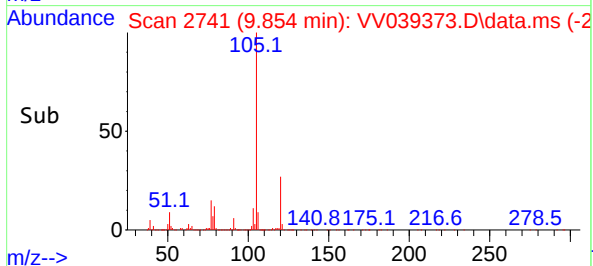
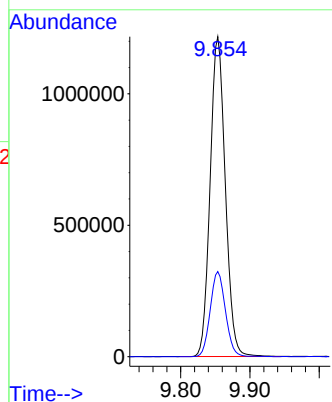
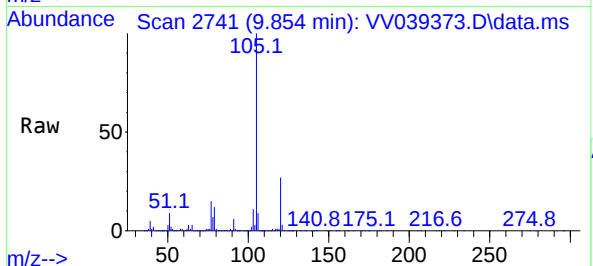




#73  
Isopropylbenzene  
Concen: 55.208 ug/l  
RT: 9.854 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

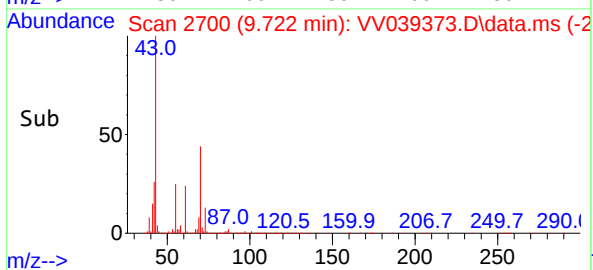
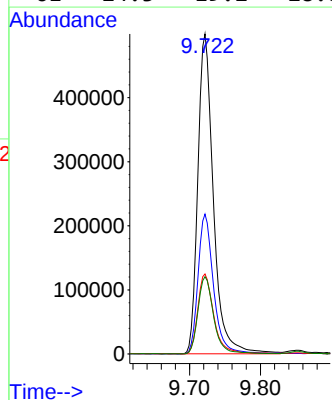
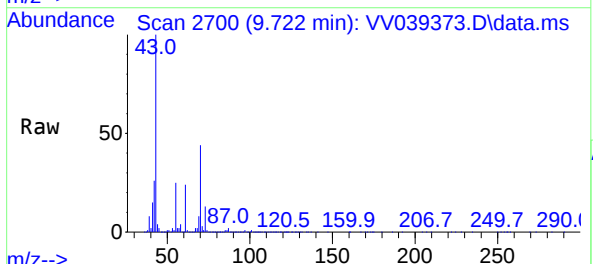
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

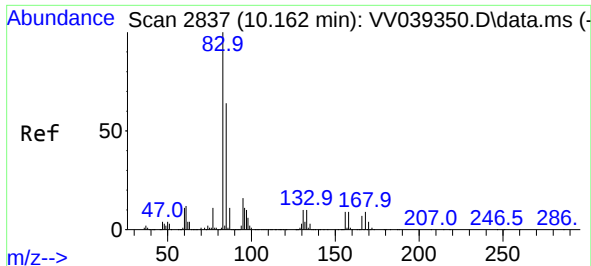
Tgt Ion:105 Resp: 1844970  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.1



#74  
N-ethyl acetate  
Concen: 58.171 ug/l  
RT: 9.722 min Scan# 2700  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 761732  
Ion Ratio Lower Upper  
43 100  
70 43.8 34.6 51.8  
55 25.8 21.0 31.6  
61 24.3 19.2 28.8

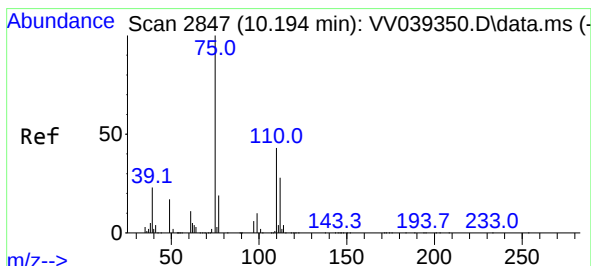
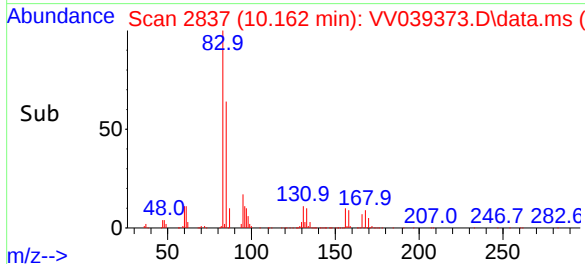
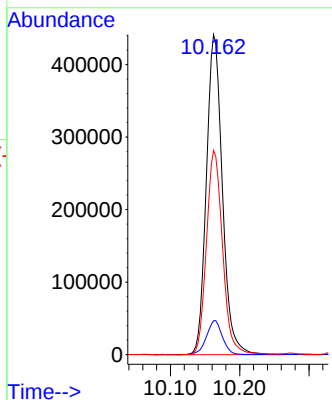
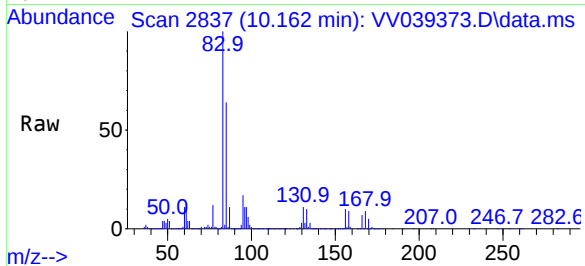




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.593 ug/l  
RT: 10.162 min Scan# 2837  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

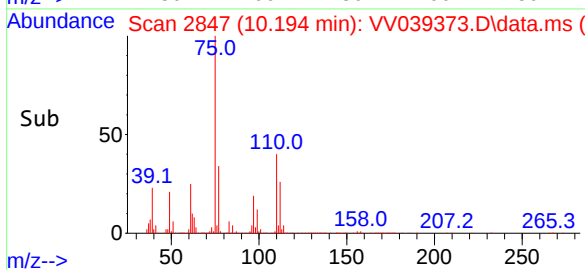
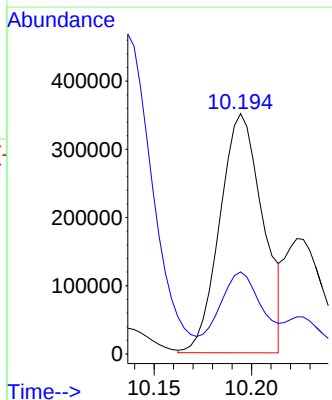
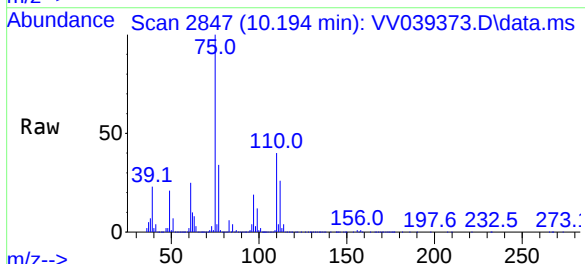
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

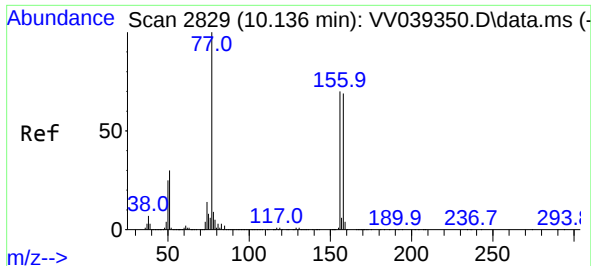
Tgt Ion: 83 Resp: 707282  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.4 16.2  
85 64.2 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 50.781 ug/l  
RT: 10.194 min Scan# 2847  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 539431  
Ion Ratio Lower Upper  
75 100  
77 22.9 11.8 35.3

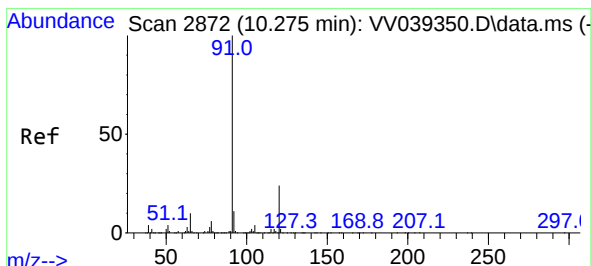
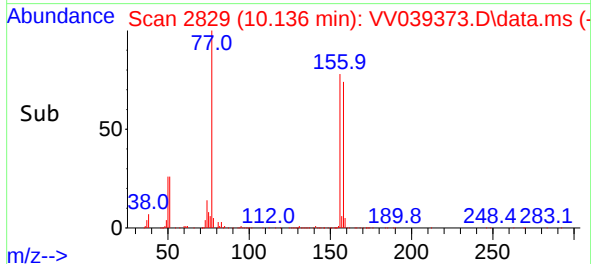
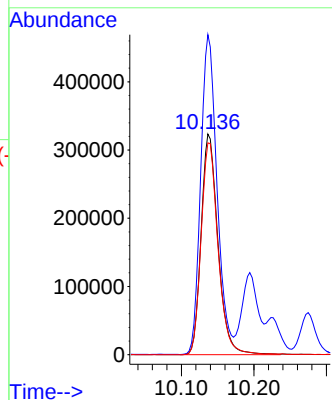
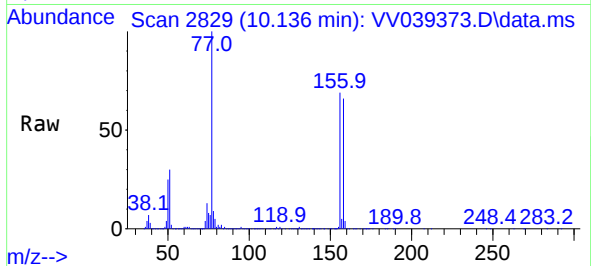




#77  
Bromobenzene  
Concen: 50.630 ug/l  
RT: 10.136 min Scan# 2829  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

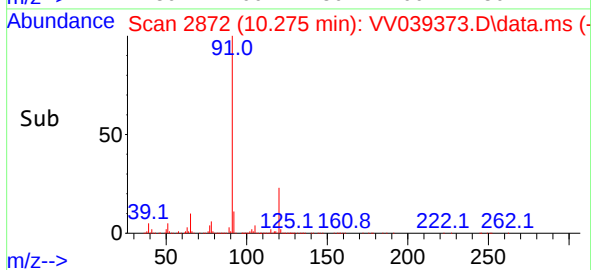
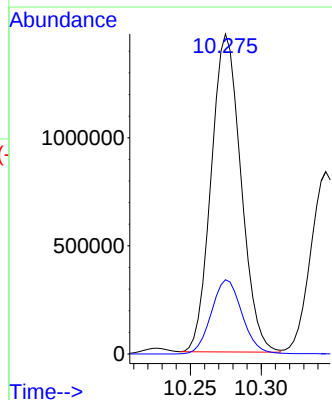
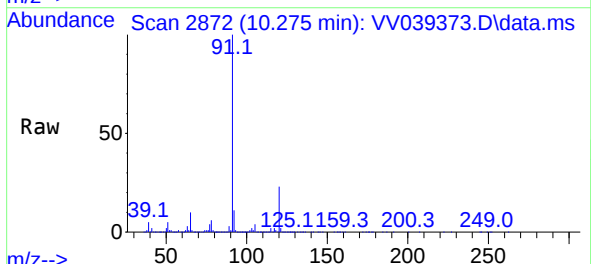
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

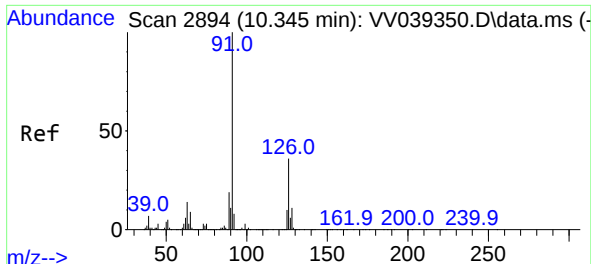
Tgt Ion:156 Resp: 522245  
Ion Ratio Lower Upper  
156 100  
77 140.5 70.3 210.9  
158 96.4 49.4 148.0



#78  
n-propylbenzene  
Concen: 56.101 ug/l  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 91 Resp: 2147735  
Ion Ratio Lower Upper  
91 100  
120 24.1 12.0 36.0





#79

2-Chlorotoluene

Concen: 53.450 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

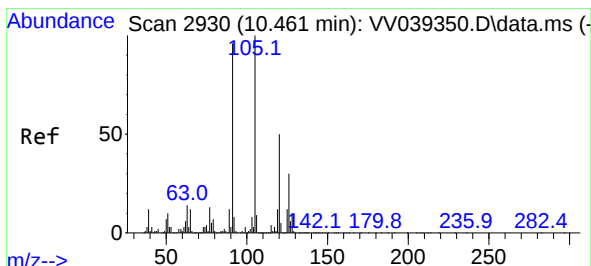
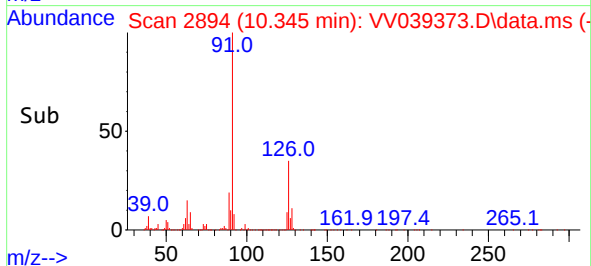
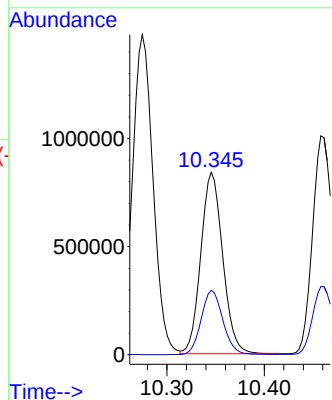
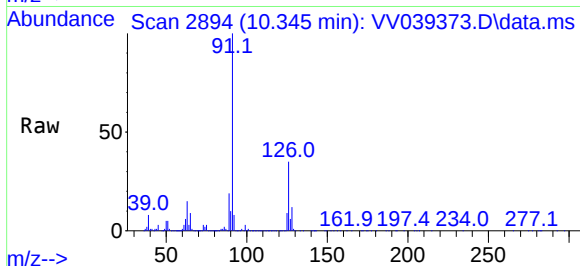
VSTDCCC050EC

Tgt Ion: 91 Resp: 1309809

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 56.513 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. 0.000 min

Lab File: VV039373.D

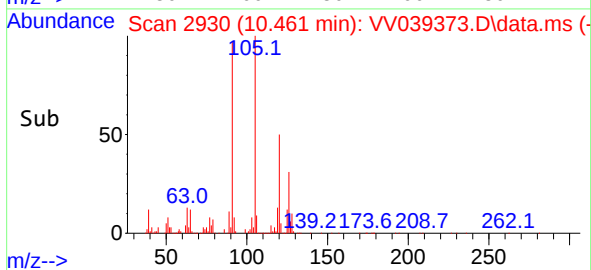
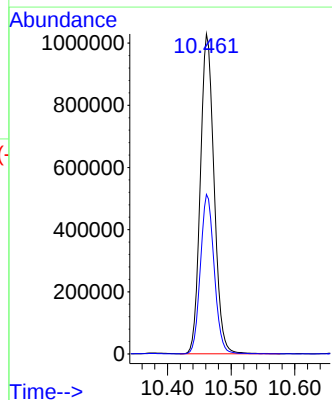
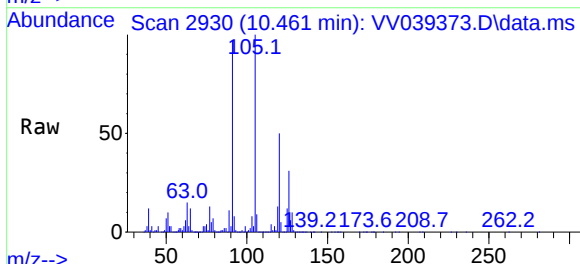
Acq: 12 Nov 2025 14:56

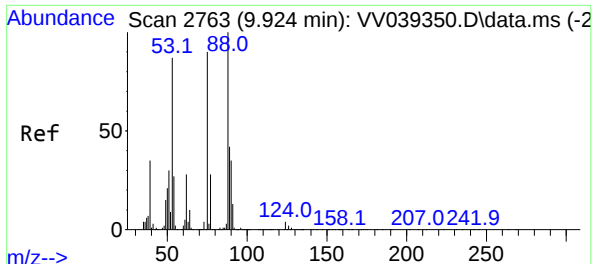
Tgt Ion:105 Resp: 1544075

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.4

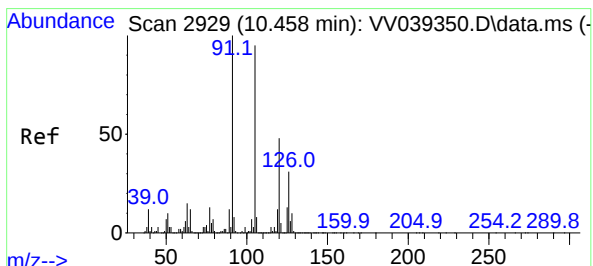
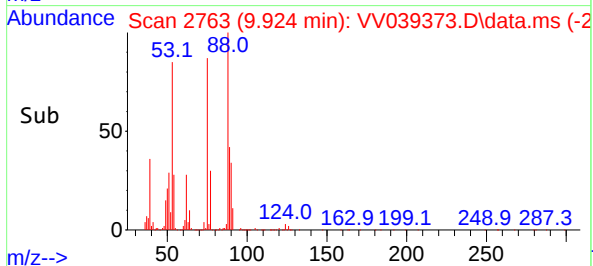
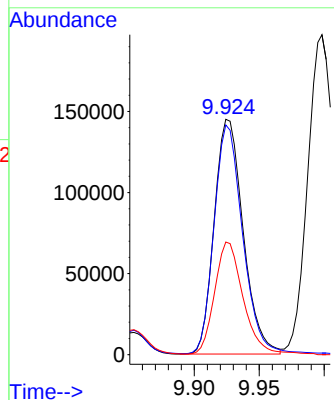
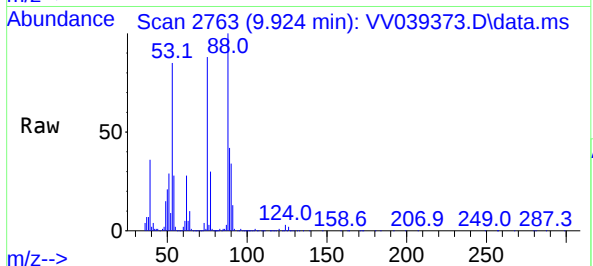




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.630 ug/l  
RT: 9.924 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

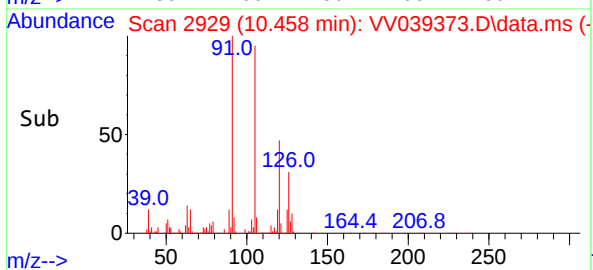
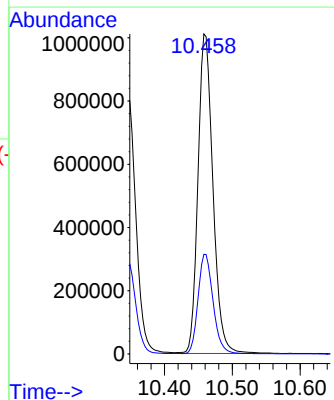
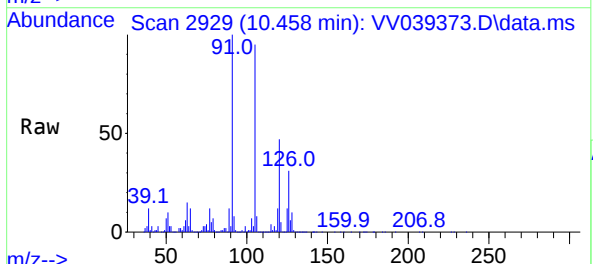
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

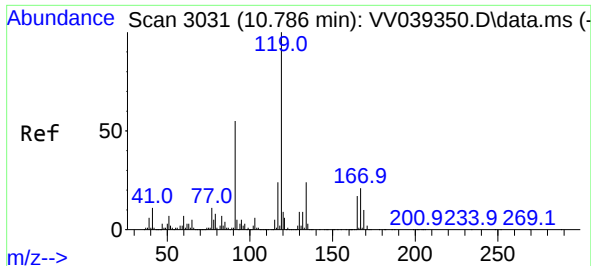
Tgt Ion: 75 Resp: 224410  
Ion Ratio Lower Upper  
75 100  
53 96.5 79.0 118.6  
89 47.7 40.4 60.6



#82  
4-Chlorotoluene  
Concen: 56.481 ug/l  
RT: 10.458 min Scan# 2929  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 91 Resp: 1547416  
Ion Ratio Lower Upper  
91 100  
126 31.1 15.3 45.9

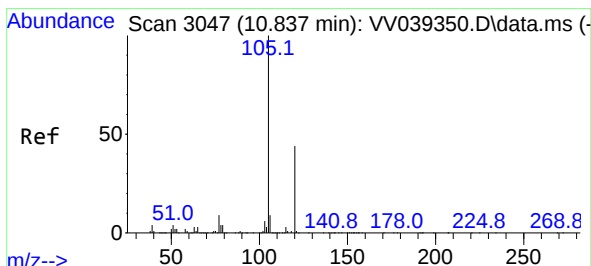
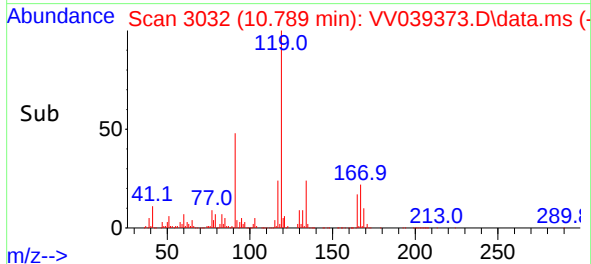
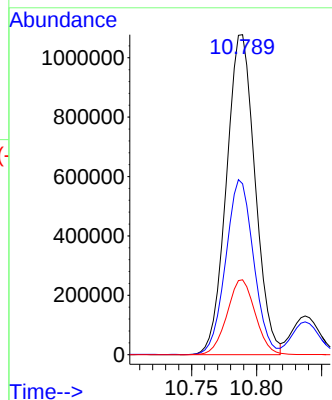
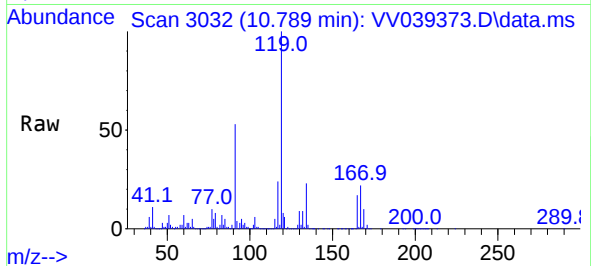




#83  
tert-Butylbenzene  
Concen: 55.141 ug/l  
RT: 10.789 min Scan# 3031  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

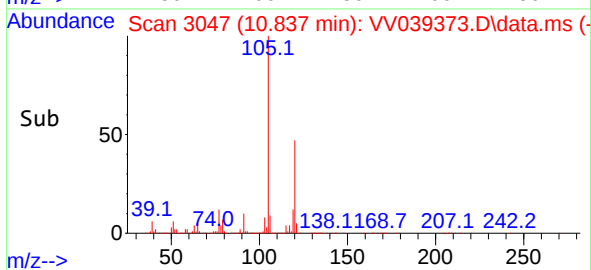
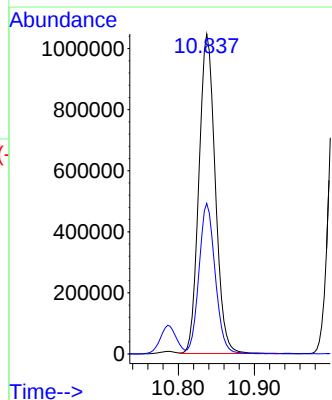
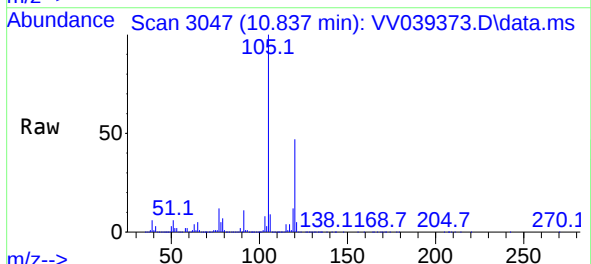
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

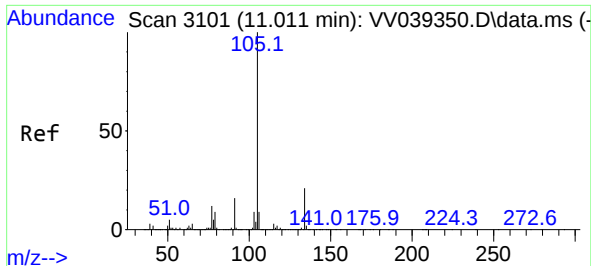
Tgt Ion:119 Resp: 1656048  
Ion Ratio Lower Upper  
119 100  
91 53.0 26.5 79.5  
134 23.1 11.9 35.5



#84  
1,2,4-Trimethylbenzene  
Concen: 58.533 ug/l  
RT: 10.837 min Scan# 3047  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:105 Resp: 1557828  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.0 69.0

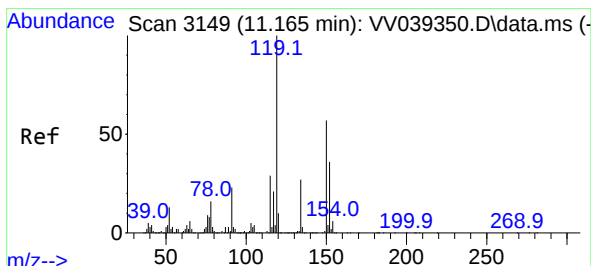
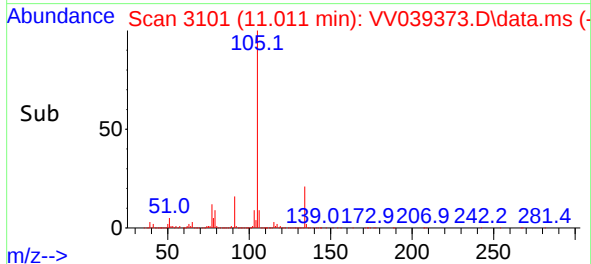
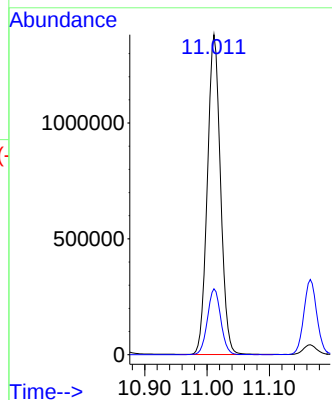
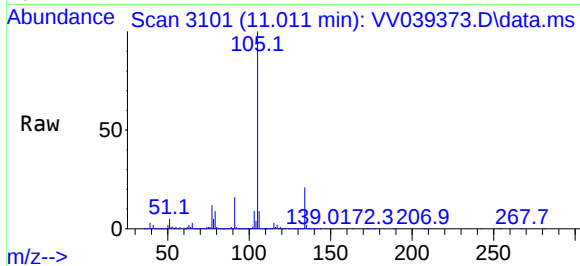




#85  
 sec-Butylbenzene  
 Concen: 56.693 ug/l  
 RT: 11.011 min Scan# 3101  
 Delta R.T. 0.000 min  
 Lab File: VV039373.D  
 Acq: 12 Nov 2025 14:56

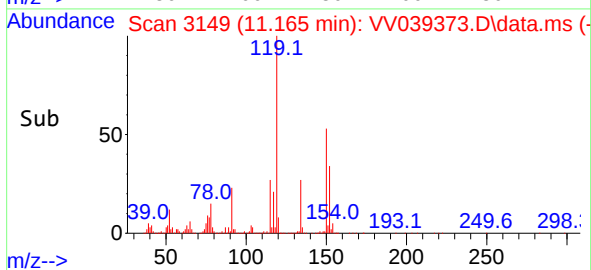
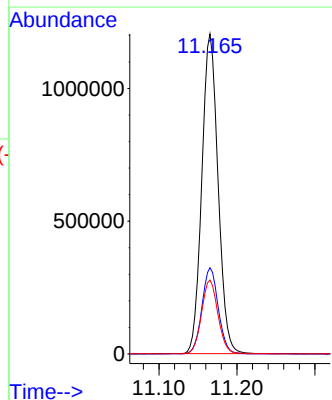
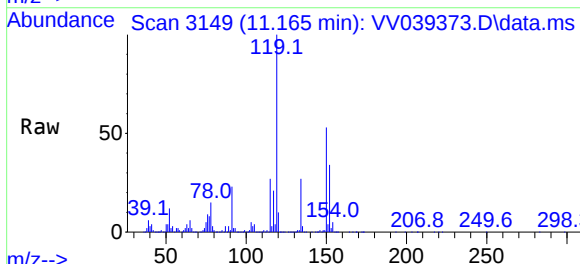
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050EC

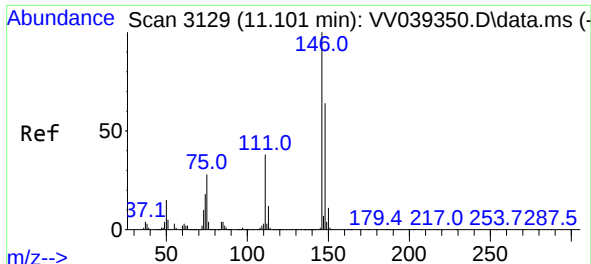
Tgt Ion:105 Resp: 2018969  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.5 31.6



#86  
 p-Isopropyltoluene  
 Concen: 56.585 ug/l  
 RT: 11.165 min Scan# 3149  
 Delta R.T. 0.000 min  
 Lab File: VV039373.D  
 Acq: 12 Nov 2025 14:56

Tgt Ion:119 Resp: 1738806  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.4 40.2  
 91 23.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 50.707 ug/l

RT: 11.101 min Scan# 3129

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050EC

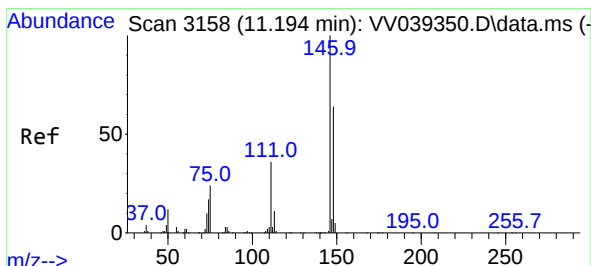
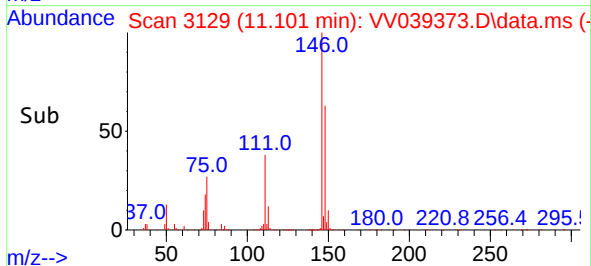
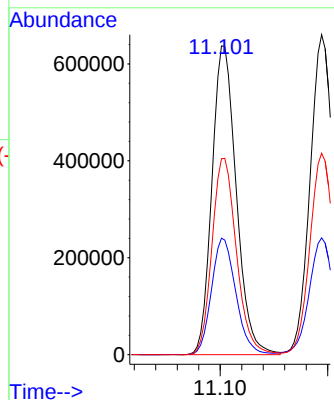
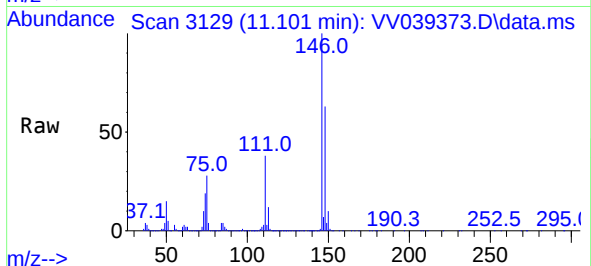
Tgt Ion:146 Resp: 1003187

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.371 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

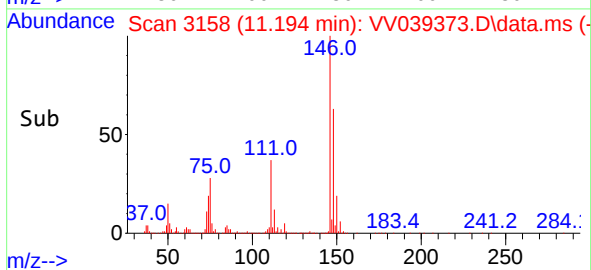
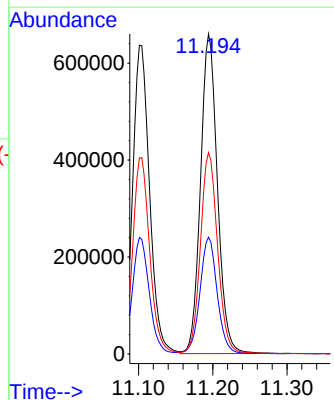
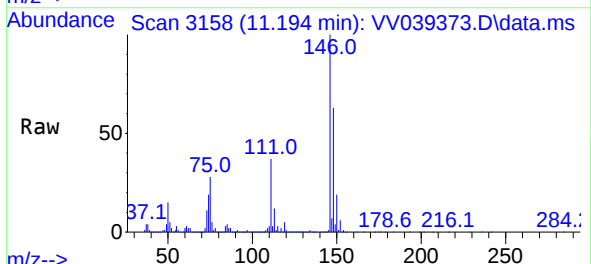
Tgt Ion:146 Resp: 1043400

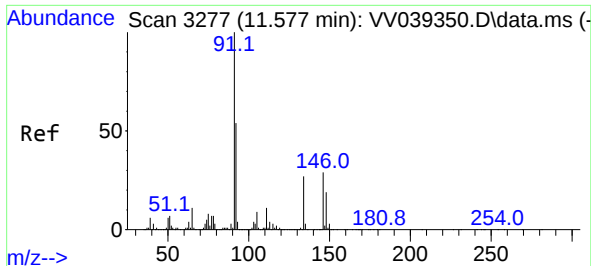
Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

148 64.1 32.0 96.2

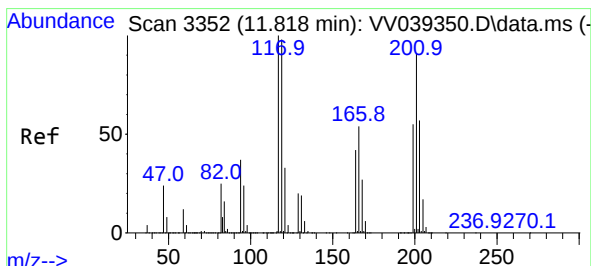
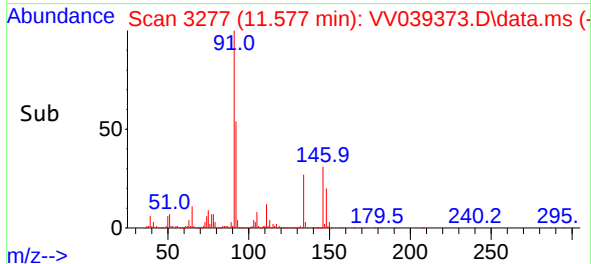
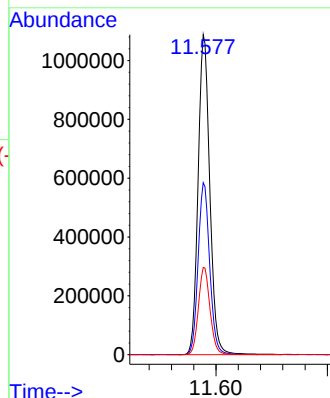
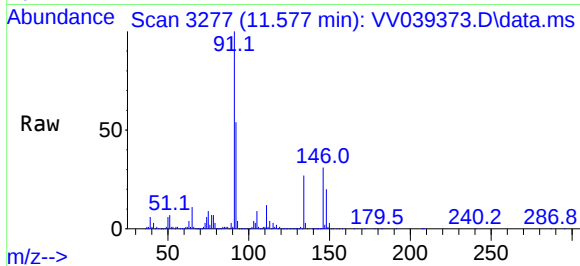




#89  
n-Butylbenzene  
Concen: 57.797 ug/l  
RT: 11.577 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

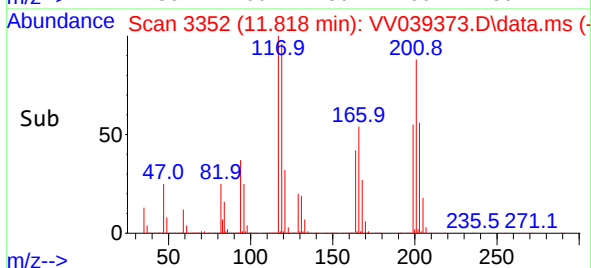
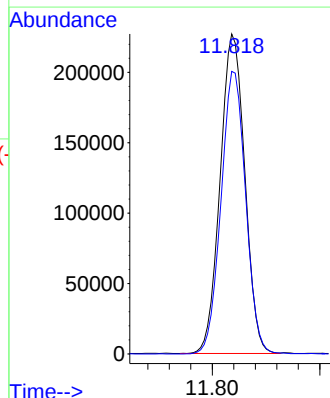
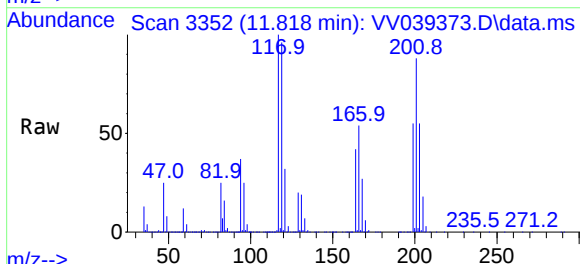
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

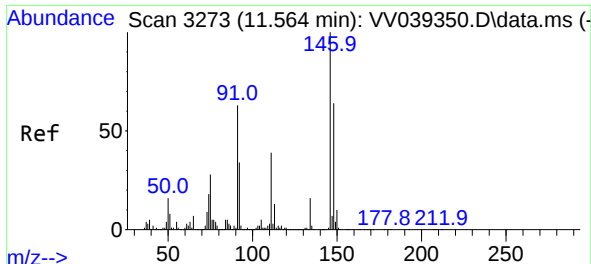
Tgt Ion: 91 Resp: 1583774  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.9 80.7  
134 27.0 13.5 40.5



#90  
Hexachloroethane  
Concen: 47.174 ug/l  
RT: 11.818 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 117 Resp: 361280  
Ion Ratio Lower Upper  
117 100  
201 88.5 45.3 135.8

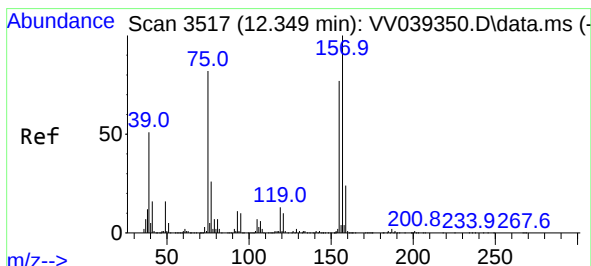
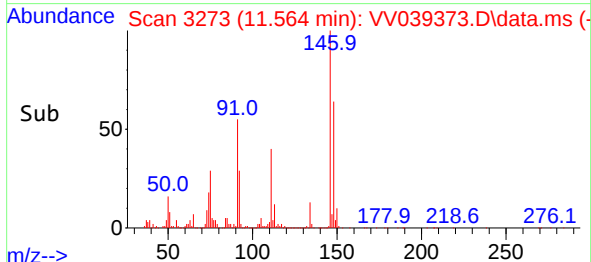
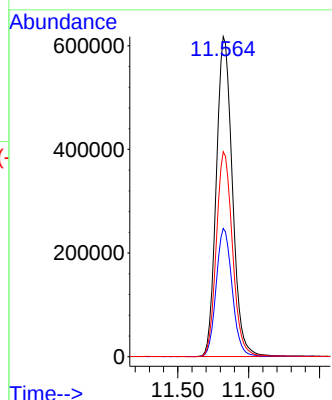
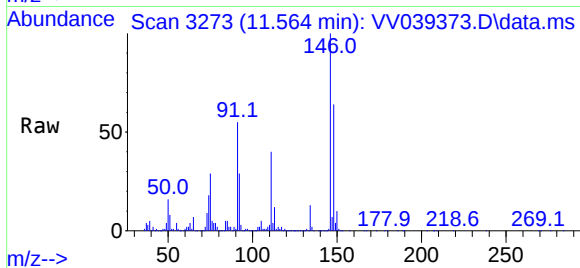




#91  
1,2-Dichlorobenzene  
Concen: 50.290 ug/l  
RT: 11.564 min Scan# 3177  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

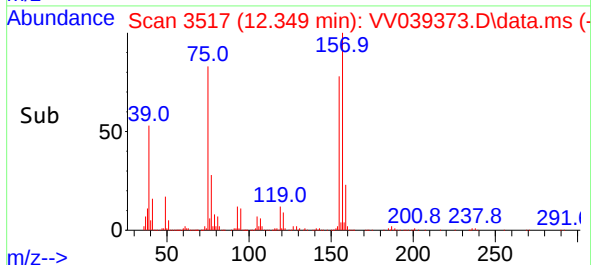
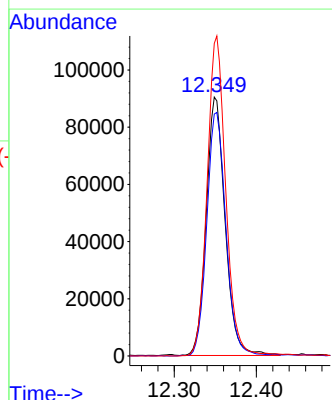
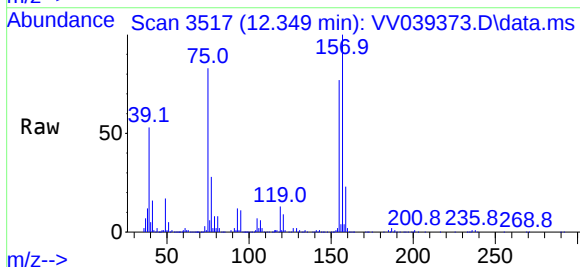
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

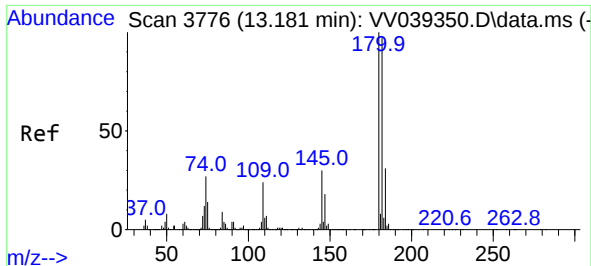
Tgt Ion:146 Resp: 973689  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.5 58.5  
148 64.5 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.567 ug/l  
RT: 12.349 min Scan# 3517  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 145328  
Ion Ratio Lower Upper  
75 100  
155 95.3 47.0 141.2  
157 121.0 61.3 183.9

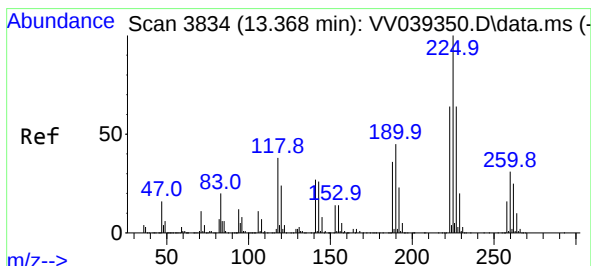
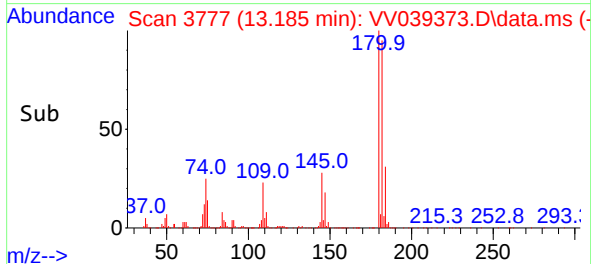
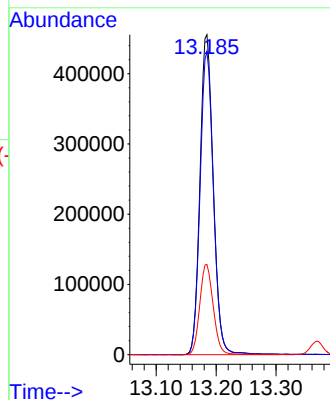
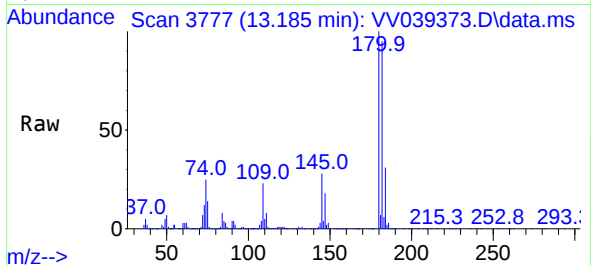




#93  
1,2,4-Trichlorobenzene  
Concen: 57.563 ug/l  
RT: 13.185 min Scan# 3776  
Delta R.T. 0.003 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

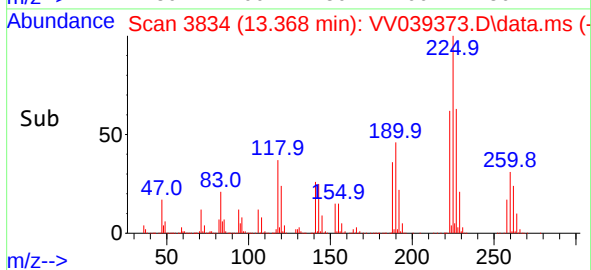
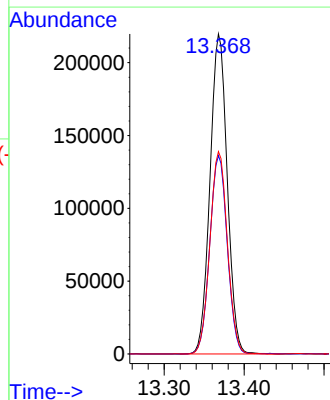
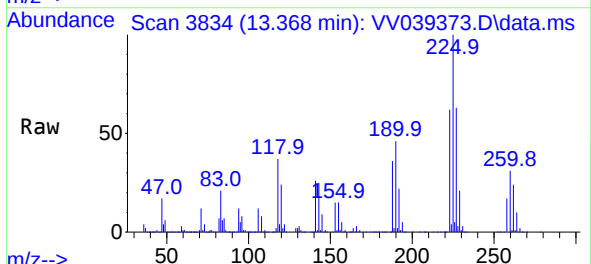
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

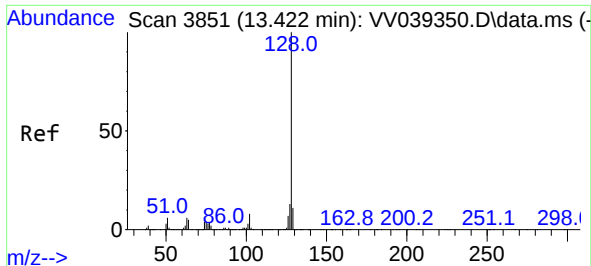
Tgt Ion:180 Resp: 707100  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.5 145.5  
145 28.5 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 50.278 ug/l  
RT: 13.368 min Scan# 3834  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:225 Resp: 329430  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.1 93.5  
227 64.2 31.7 95.1

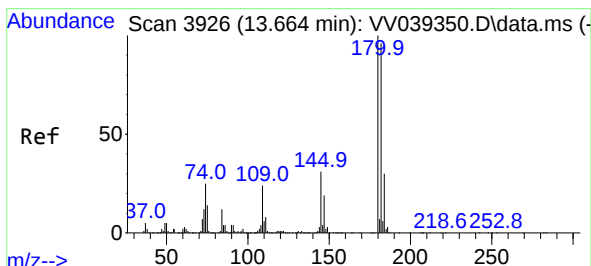
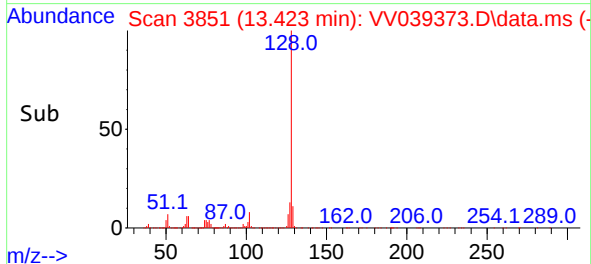
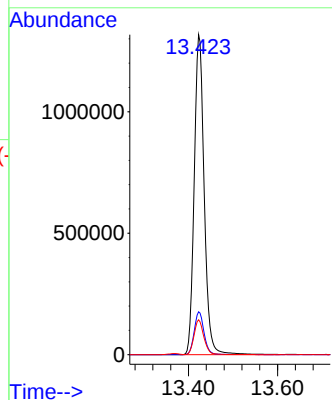
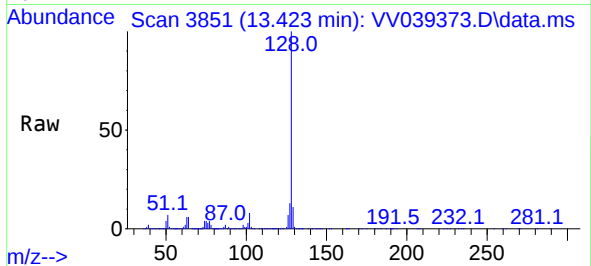




#95  
Naphthalene  
Concen: 62.474 ug/l  
RT: 13.423 min Scan# 3851  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 2056696  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 10.7 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 56.762 ug/l  
RT: 13.664 min Scan# 3926  
Delta R.T. 0.000 min  
Lab File: VV039373.D  
Acq: 12 Nov 2025 14:56

Tgt Ion:180 Resp: 719340  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.9 143.6  
145 30.7 15.3 45.9

