

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112525\  
 Data File : VN088360.D  
 Acq On : 25 Nov 2025 14:06  
 Operator : JC\MD  
 Sample : Q3700-02MS 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WWMS

Quant Time: Nov 26 00:19:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N111325W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 14 00:49:21 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Bromochloromethane        | 7.788  | 128   | 30381    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.082  | 114   | 258609   | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 11.841 | 117   | 233753   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 8.565  | 65    | 134612   | 48.507   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 161.700%# |          |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 111794   | 28.292   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 94.300%   |          |
| 63) Toluene-d8               | 10.547 | 98    | 336421   | 30.399   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.333%  |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 69954    | 32.756   | ug/l        | 98       |
| 3) Chloromethane             | 2.383  | 50    | 74716    | 33.932   | ug/l        | 99       |
| 4) Vinyl Chloride            | 2.536  | 62    | 76320    | 32.780   | ug/l        | 99       |
| 5) Bromomethane              | 2.977  | 94    | 34934    | 28.140   | ug/l        | 96       |
| 6) Chloroethane              | 3.142  | 64    | 45938    | 31.921   | ug/l        | 96       |
| 7) Trichlorofluoromethane    | 3.518  | 101   | 108100   | 33.117   | ug/l        | 96       |
| 8) Diethyl Ether             | 3.959  | 74    | 40604    | 33.281   | ug/l        | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 56717    | 33.121   | ug/l        | 97       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 55886    | 33.452   | ug/l        | 94       |
| 11) Methyl Iodide            | 4.583  | 142   | 53601    | 30.149   | ug/l        | 95       |
| 12) Methyl Acetate           | 5.018  | 43    | 101181   | 37.542   | ug/l        | 92       |
| 13) Acrolein                 | 4.171  | 56    | 115422   | 291.073  | ug/l        | 98       |
| 14) Acrylonitrile            | 5.712  | 53    | 221452   | 180.825  | ug/l        | 98       |
| 15) Acetone                  | 4.418  | 58    | 150287   | 419.634  | ug/l        | 92       |
| 16) Carbon Disulfide         | 4.706  | 76    | 177840   | 31.564   | ug/l        | 99       |
| 17) Allyl chloride           | 5.018  | 41    | 101631   | 31.305   | ug/l        | 98       |
| 18) Methylene Chloride       | 5.265  | 84    | 70431    | 33.918   | ug/l        | 93       |
| 19) trans-1,2-Dichloroethene | 5.777  | 96    | 64621    | 33.218   | ug/l        | 97       |
| 20) Diisopropyl ether        | 6.659  | 45    | 242680   | 34.982   | ug/l        | 93       |
| 21) 1,1-Dichloroethane       | 6.559  | 63    | 130129   | 33.295   | ug/l        | 98       |
| 22) cis-1,2-Dichloroethene   | 7.471  | 96    | 75377    | 33.337   | ug/l        | 98       |
| 23) tert-Butyl Alcohol       | 5.512  | 59    | 87740    | 194.838  | ug/l #      | 100      |
| 24) Methyl tert-Butyl Ether  | 5.783  | 73    | 222827   | 33.081   | ug/l #      | 74       |
| 25) Chloroform               | 7.947  | 83    | 152785   | 39.451   | ug/l        | 95       |
| 26) Cyclohexane              | 8.235  | 56    | 98103    | 29.717   | ug/l #      | 95       |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 87488    | 20.275   | ug/l        | 99       |
| 30) 2-Butanone               | 7.471  | 43    | 334427   | 119.814  | ug/l        | 99       |
| 31) 2,2-Dichloropropane      | 7.471  | 77    | 107052   | 20.115   | ug/l        | 99       |
| 32) 1,1,1-Trichloroethane    | 8.147  | 97    | 110515   | 20.776   | ug/l        | 98       |
| 33) Carbon Tetrachloride     | 8.347  | 117   | 90748    | 19.978   | ug/l        | 90       |
| 34) Benzene                  | 8.588  | 78    | 274298   | 21.267   | ug/l        | 99       |
| 35) Methacrylonitrile        | 7.759  | 41    | 63362    | 21.763   | ug/l        | 91       |
| 36) 1,2-Dichloroethane       | 8.653  | 62    | 104772   | 20.873   | ug/l        | 97       |
| 37) Trichloroethene          | 9.329  | 130   | 63845    | 21.843   | ug/l        | 96       |
| 38) Methylcyclohexane        | 9.577  | 83    | 93346    | 18.869   | ug/l        | 99       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 69909    | 21.009   | ug/l        | 94       |
| 40) Dibromomethane           | 9.688  | 93    | 51823    | 21.676   | ug/l        | 99       |
| 41) Bromodichloromethane     | 9.871  | 83    | 107177   | 22.268   | ug/l        | 98       |
| 42) Vinyl Acetate            | 6.588  | 43    | 1092298  | 117.250  | ug/l        | 98       |

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 Sample : Q3700-02MS 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

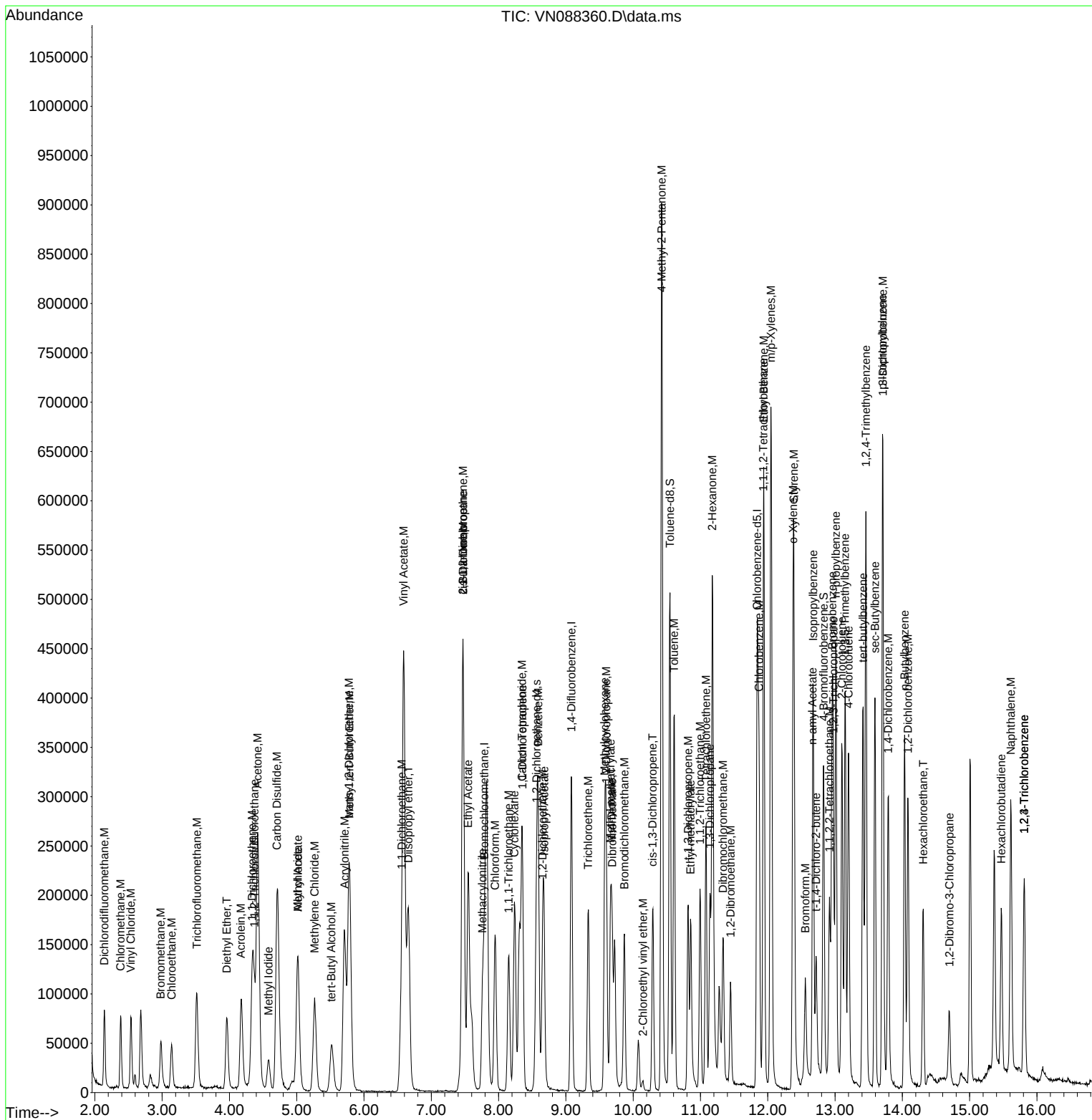
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WWMS

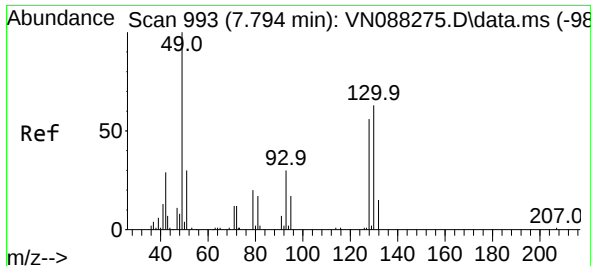
Quant Time: Nov 26 00:19:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N111325W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 14 00:49:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.547  | 43   | 122432   | 21.800  | ug/l   | 99       |
| 44) Isopropyl Acetate         | 8.677  | 43   | 192868   | 22.284  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 9.677  | 88   | 29180    | 559.864 | ug/l # | 89       |
| 46) Methyl methacrylate       | 9.665  | 41   | 86691    | 21.405  | ug/l   | 95       |
| 47) n-amyl Acetate            | 12.665 | 43   | 1119     | 0.255   | ug/l # | 100      |
| 48) t-1,3-Dichloropropene     | 10.818 | 75   | 104159   | 20.233  | ug/l   | 95       |
| 49) cis-1,3-Dichloropropene   | 10.288 | 75   | 107404   | 20.052  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 10.994 | 97   | 65293    | 22.086  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 10.853 | 69   | 95271    | 19.587  | ug/l   | 95       |
| 52) 1,3-Dichloropropane       | 11.141 | 76   | 115419   | 21.437  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.335 | 129  | 72019    | 21.208  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 11.447 | 107  | 66715    | 21.719  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 10.147 | 63   | 4353     | 1.554   | ug/l # | 59       |
| 56) Bromoform                 | 12.559 | 173  | 44780    | 20.834  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone      | 10.424 | 43   | 627398   | 118.670 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.176 | 43   | 407703   | 116.133 | ug/l   | 98       |
| 61) Tetrachloroethene         | 11.082 | 164  | 55543    | 23.047  | ug/l   | 88       |
| 62) Toluene                   | 10.606 | 91   | 281612   | 20.994  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.871 | 112  | 173548   | 20.890  | ug/l   | 94       |
| 65) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 60366    | 21.229  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.941 | 91   | 290884   | 19.675  | ug/l   | 99       |
| 67) m/p-Xylenes               | 12.047 | 106  | 221392   | 40.044  | ug/l   | 100      |
| 68) o-Xylene                  | 12.376 | 106  | 104910   | 20.115  | ug/l   | 96       |
| 69) Styrene                   | 12.388 | 104  | 178508   | 20.152  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.676 | 105  | 266241   | 19.262  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 93412    | 20.864  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.976 | 75   | 129228   | 29.793  | ug/l   | 51       |
| 73) Bromobenzene              | 12.959 | 156  | 65258    | 20.913  | ug/l   | 97       |
| 74) n-propylbenzene           | 13.012 | 91   | 338382   | 19.782  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 13.100 | 91   | 201658   | 19.388  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 226409   | 19.514  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.717 | 75   | 29632    | 19.893  | ug/l   | 93       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 208650   | 19.796  | ug/l   | 100      |
| 79) tert-butylbenzene         | 13.417 | 119  | 186804   | 18.806  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 228610   | 19.815  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 269015   | 18.568  | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 221934   | 18.538  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 122376   | 20.185  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.788 | 146  | 126160   | 20.548  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.035 | 91   | 210401   | 18.440  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.312 | 117  | 39601    | 17.276  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 14.082 | 146  | 113216   | 19.784  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 24131    | 22.930  | ug/l   | 93       |
| 89) 1,2,4-Trichlorobenzene    | 15.811 | 180  | 65336    | 20.346  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.470 | 225  | 25750    | 20.648  | ug/l   | 99       |
| 91) Naphthalene               | 15.611 | 128  | 245996   | 21.171  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 65336    | 20.346  | ug/l   | 97       |

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

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QLast Update : Fri Nov 14 00:49:21 2025  
Response via : Initial Calibration

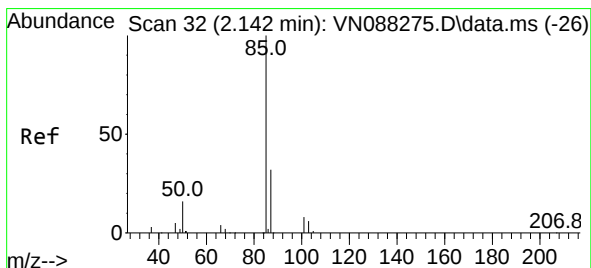
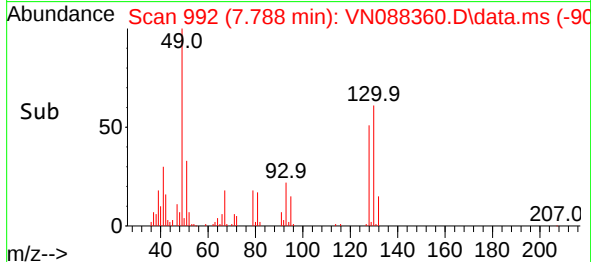
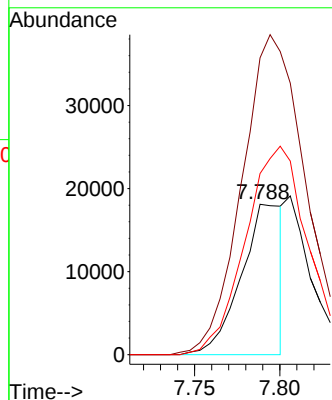
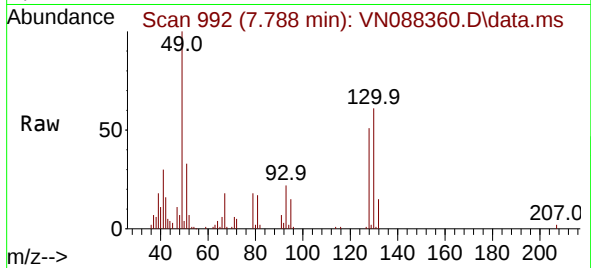




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

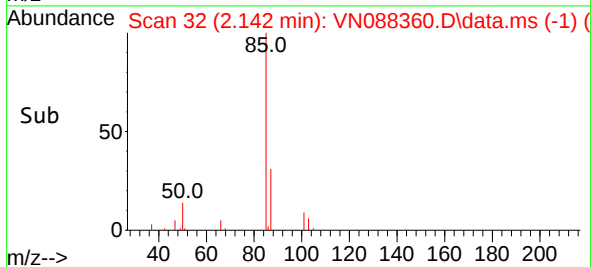
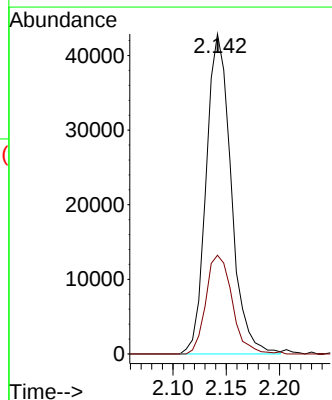
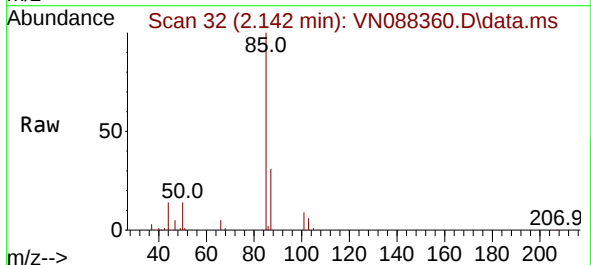
Instrument :  
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ClientSampleId :  
EFF-WWMS

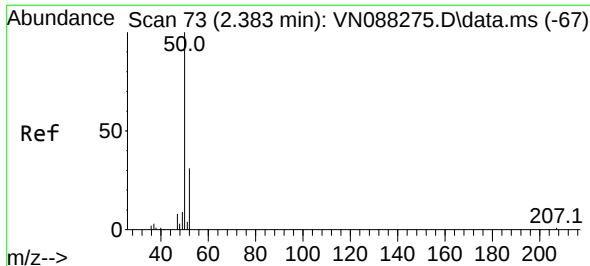
Tgt Ion:128 Resp: 30381  
Ion Ratio Lower Upper  
128 100  
49 330.7 0.0 501.2  
130 211.0 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 32.756 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 85 Resp: 69954  
Ion Ratio Lower Upper  
85 100  
87 30.8 16.0 48.0

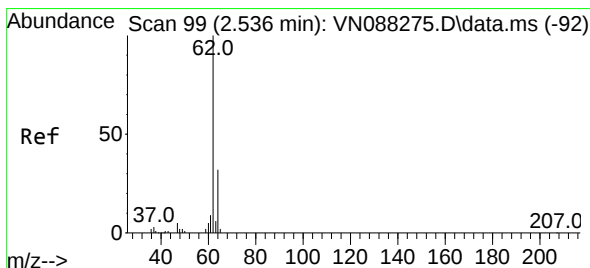
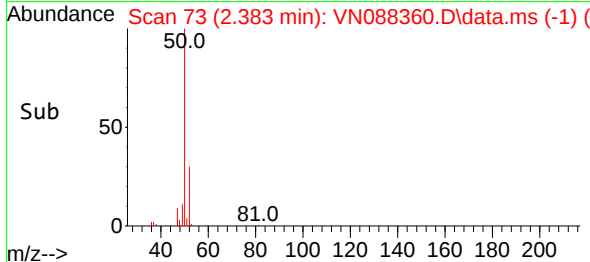
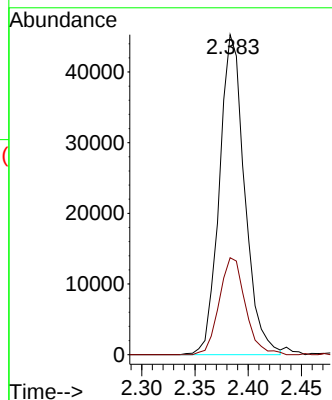
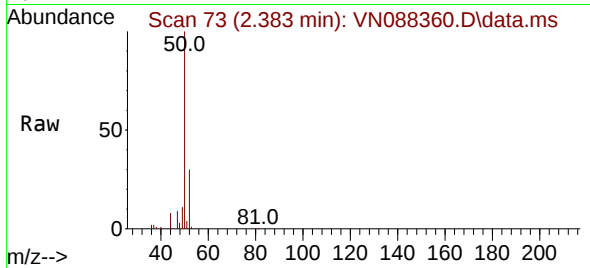




#3  
Chloromethane  
Concen: 33.932 ug/l  
RT: 2.383 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

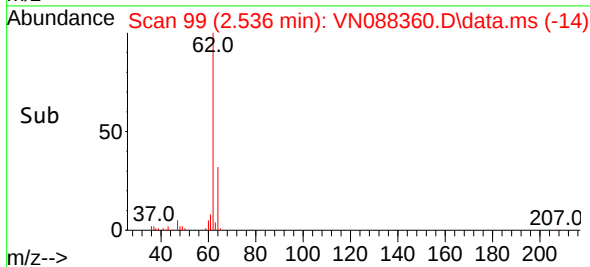
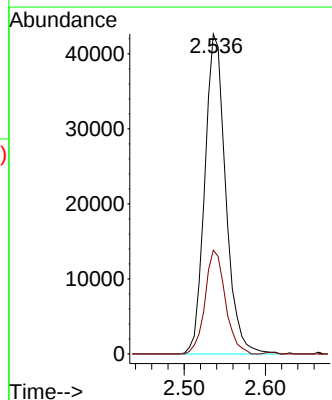
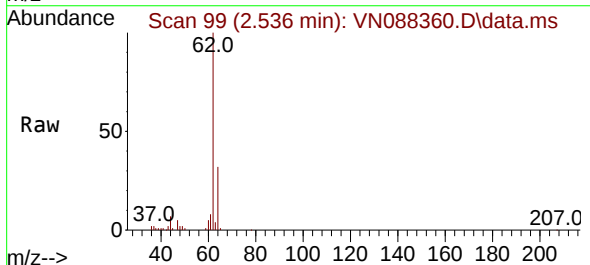
Instrument :  
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ClientSampleId :  
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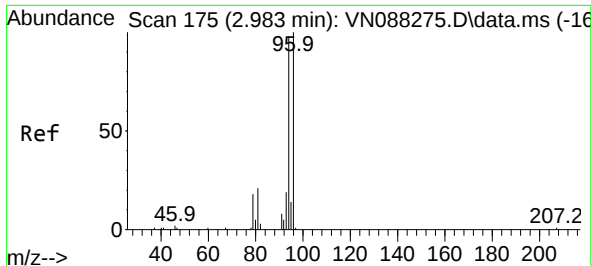
Tgt Ion: 50 Resp: 74716  
Ion Ratio Lower Upper  
50 100  
52 30.3 24.6 36.8



#4  
Vinyl Chloride  
Concen: 32.780 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 62 Resp: 76320  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.4 38.2

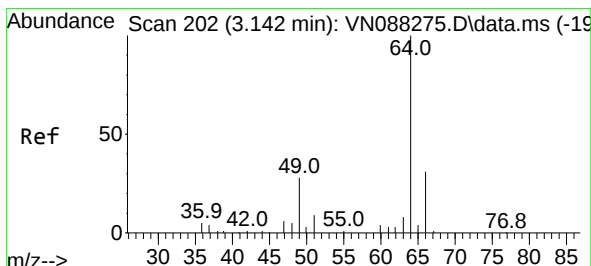
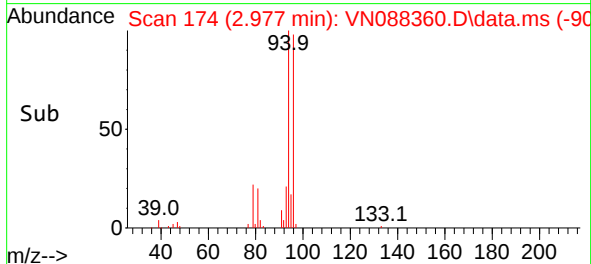
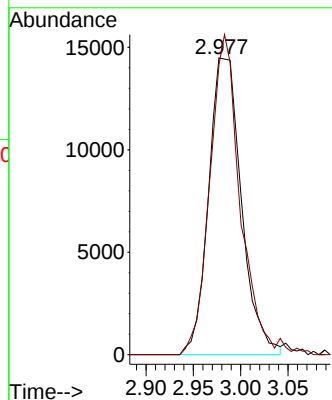
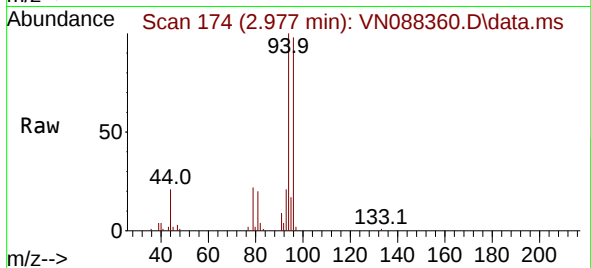




#5  
Bromomethane  
Concen: 28.140 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

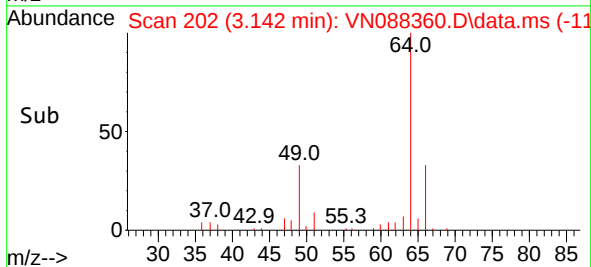
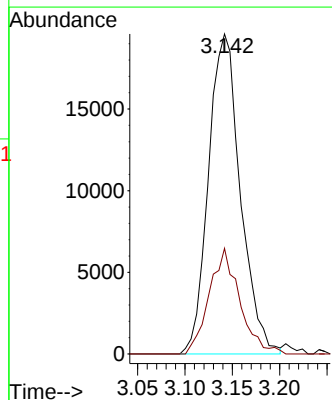
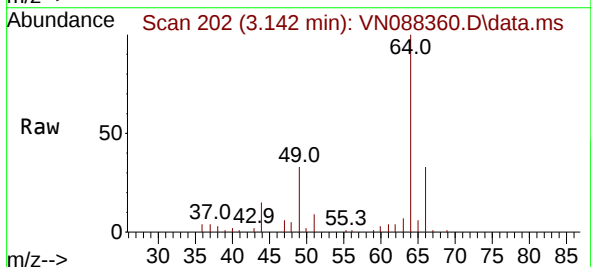
Instrument :  
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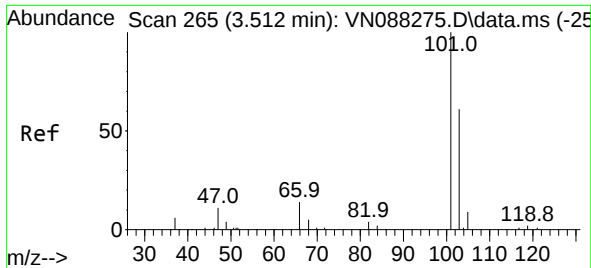
Tgt Ion: 94 Resp: 34934  
Ion Ratio Lower Upper  
94 100  
96 97.6 81.3 121.9



#6  
Chloroethane  
Concen: 31.921 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 64 Resp: 45938  
Ion Ratio Lower Upper  
64 100  
66 33.0 24.7 37.1

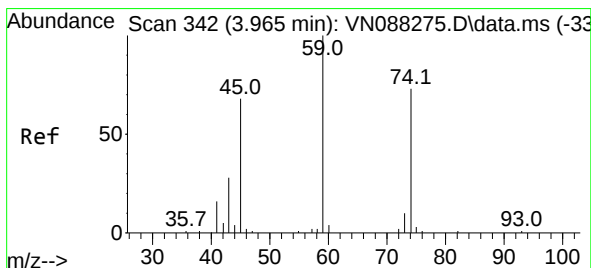
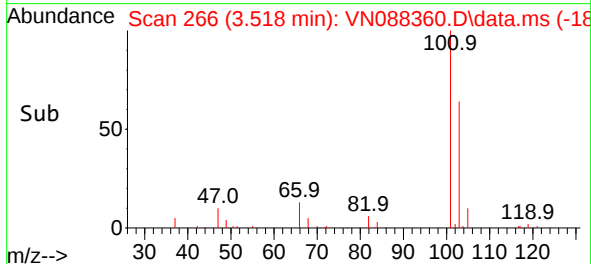
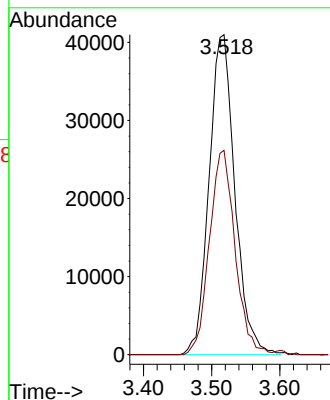
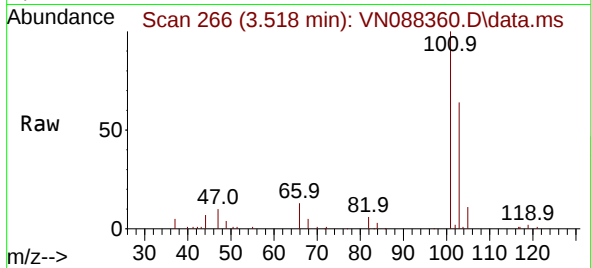




#7  
Trichlorofluoromethane  
Concen: 33.117 ug/l  
RT: 3.518 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

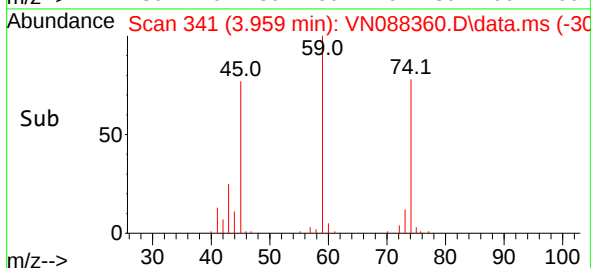
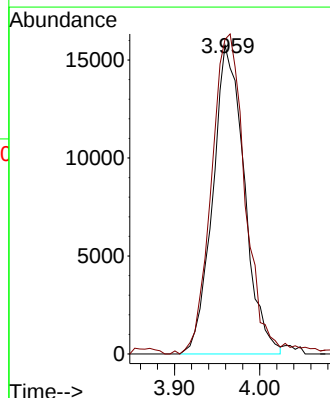
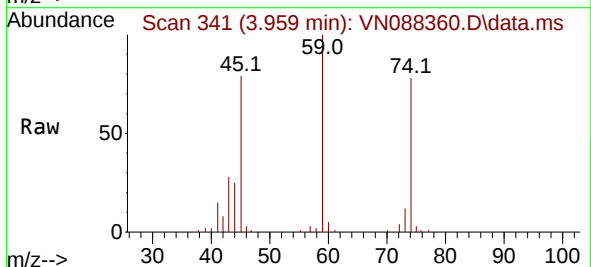
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

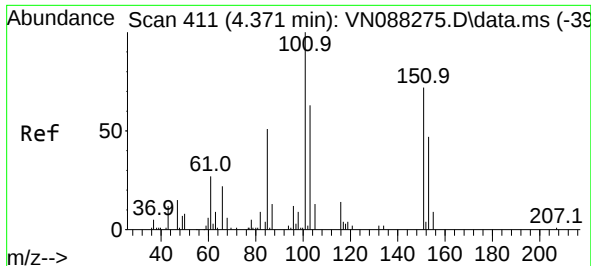
Tgt Ion:101 Resp: 108100  
Ion Ratio Lower Upper  
101 100  
103 63.9 48.6 73.0



#8  
Diethyl Ether  
Concen: 33.281 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 74 Resp: 40604  
Ion Ratio Lower Upper  
74 100  
45 109.3 20.9 187.7

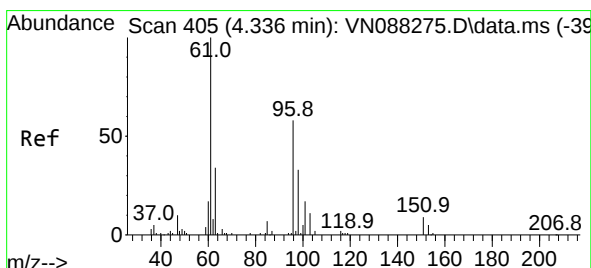
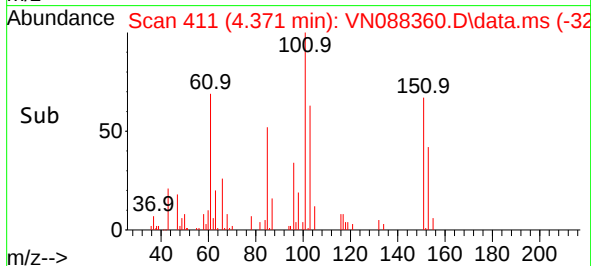
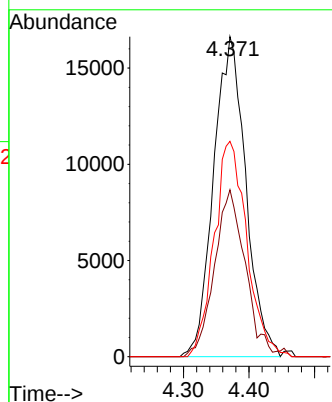
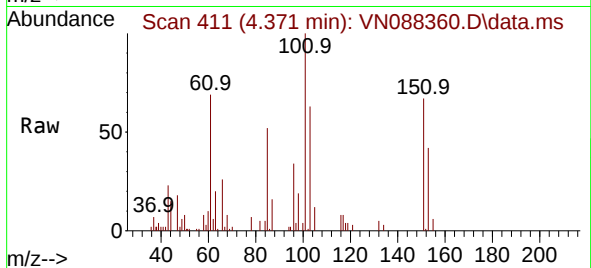




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 33.121 ug/l  
 RT: 4.371 min Scan# 411  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

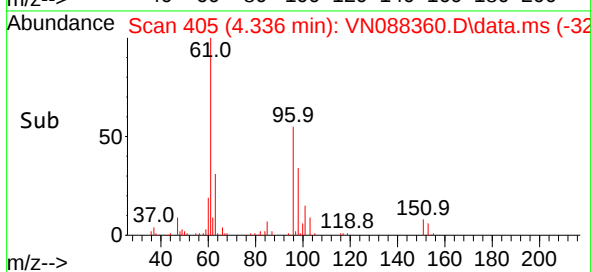
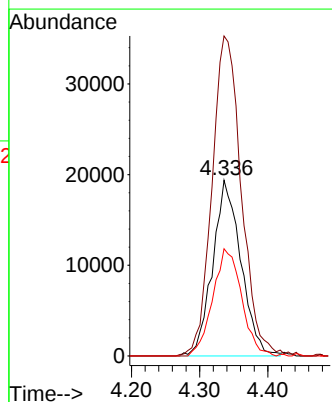
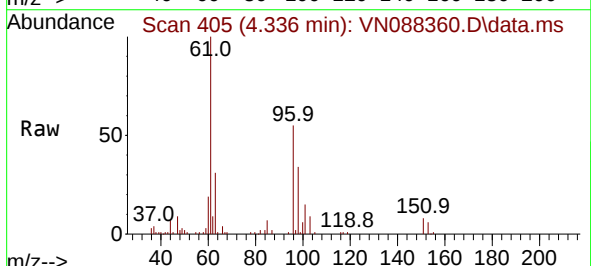
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WWMS

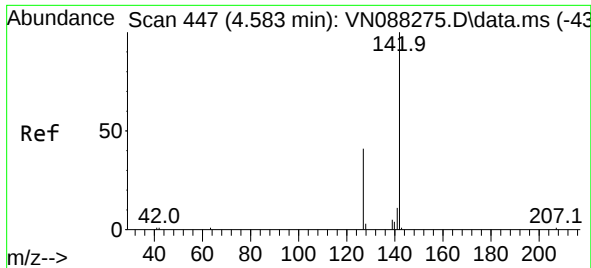
Tgt Ion:101 Resp: 56717  
 Ion Ratio Lower Upper  
 101 100  
 85 47.6 0.0 100.8  
 151 67.9 0.0 138.4



#10  
 1,1-Dichloroethene  
 Concen: 33.452 ug/l  
 RT: 4.336 min Scan# 405  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

Tgt Ion: 96 Resp: 55886  
 Ion Ratio Lower Upper  
 96 100  
 61 181.4 137.8 206.8  
 98 61.1 45.6 68.4

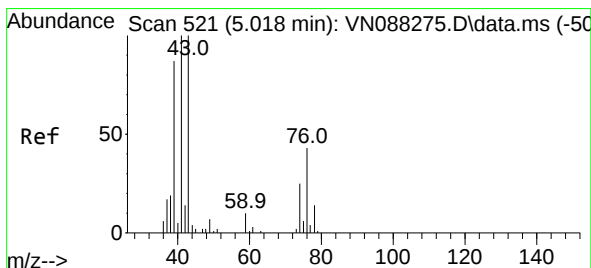
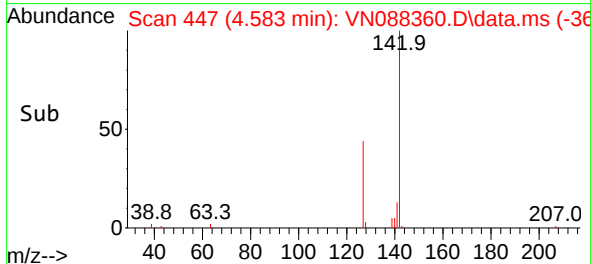
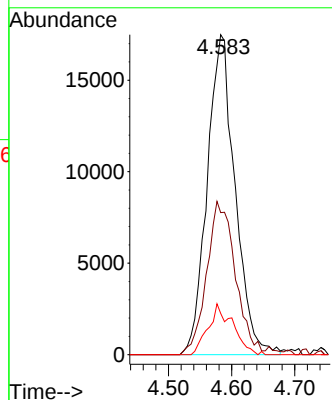
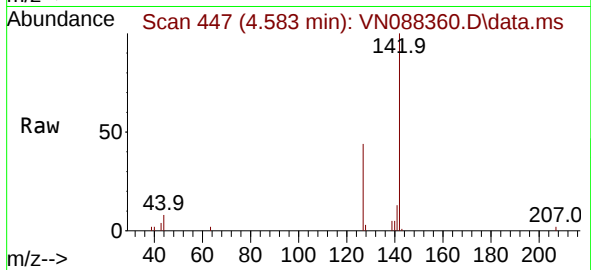




#11  
Methyl Iodide  
Concen: 30.149 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

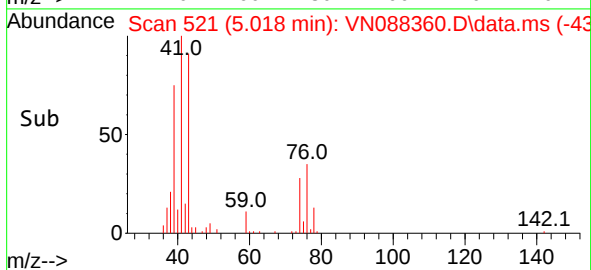
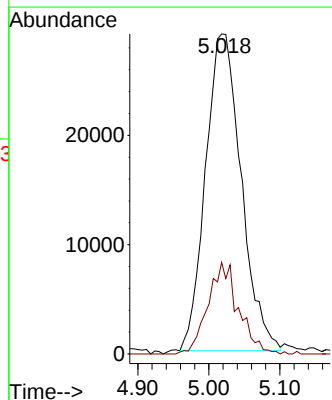
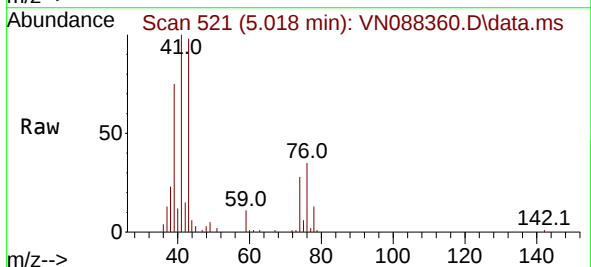
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

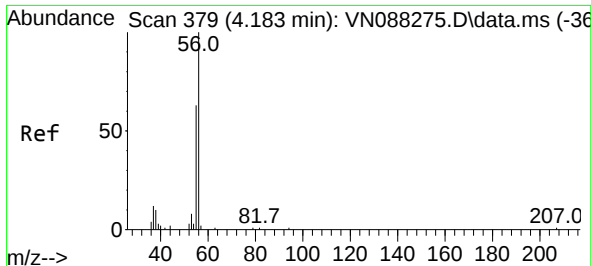
Tgt Ion:142 Resp: 53601  
Ion Ratio Lower Upper  
142 100  
127 44.2 20.4 61.2  
141 13.0 5.6 16.8



#12  
Methyl Acetate  
Concen: 37.542 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 43 Resp: 101181  
Ion Ratio Lower Upper  
43 100  
74 28.7 19.8 29.8

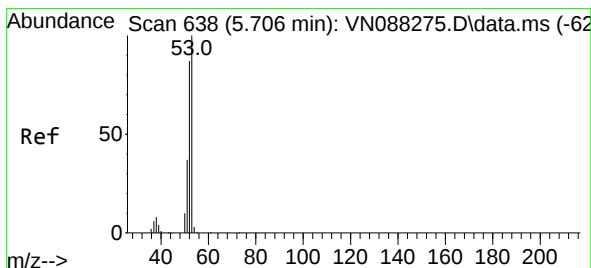
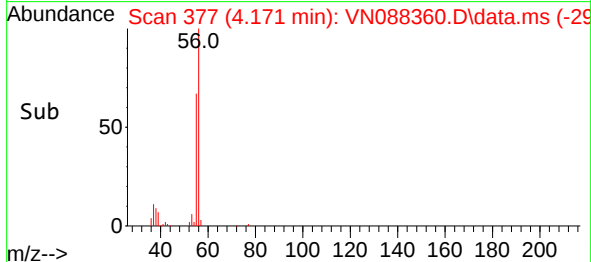
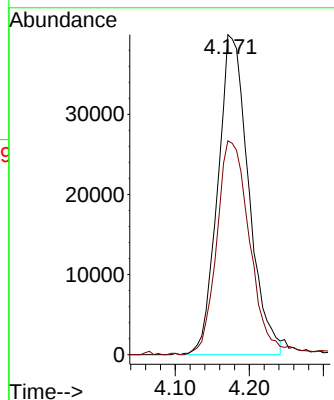
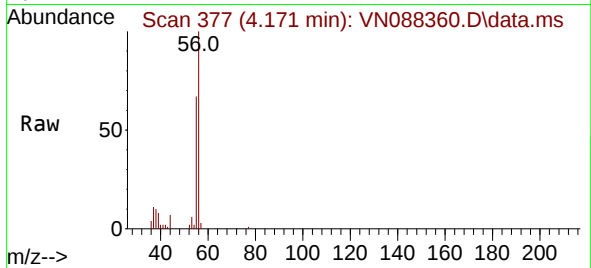




#13  
Acrolein  
Concen: 291.073 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

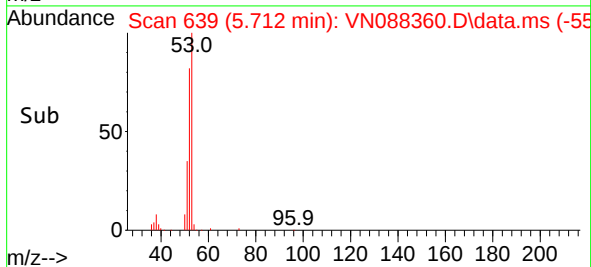
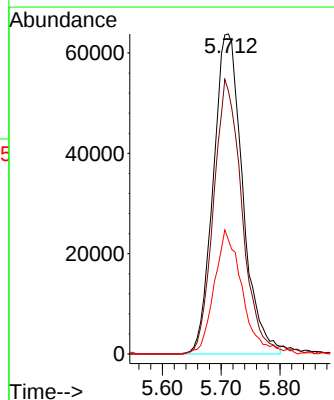
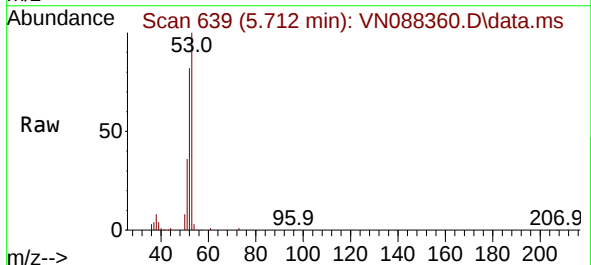
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

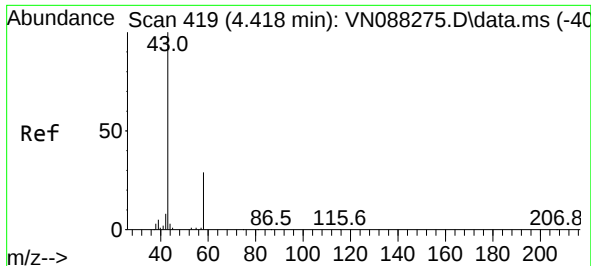
Tgt Ion: 56 Resp: 115422  
Ion Ratio Lower Upper  
56 100  
55 70.7 57.9 86.9



#14  
Acrylonitrile  
Concen: 180.825 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 53 Resp: 221452  
Ion Ratio Lower Upper  
53 100  
52 82.3 42.3 126.9  
51 36.9 18.4 55.2

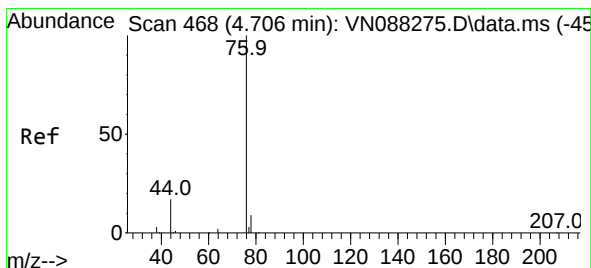
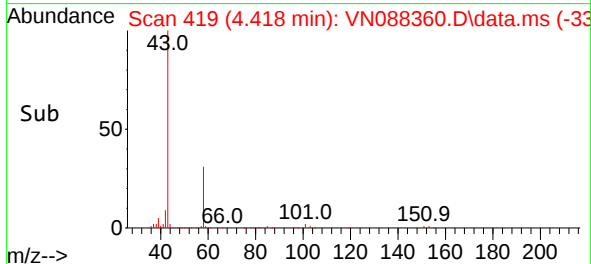
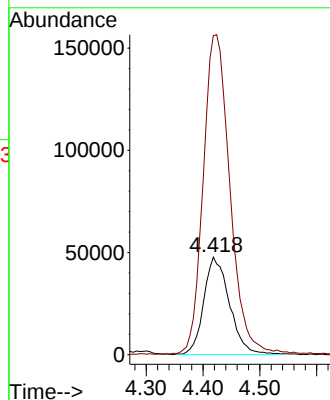
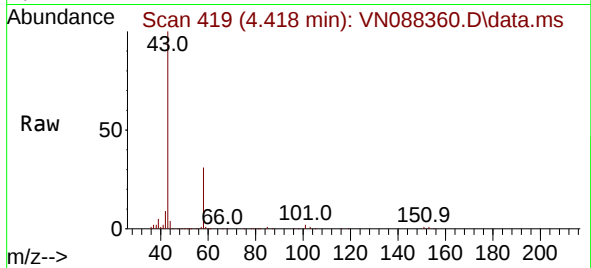




#15  
Acetone  
Concen: 419.634 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

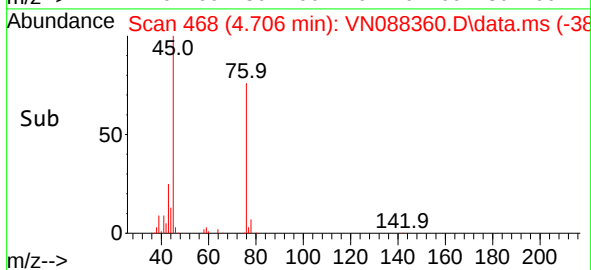
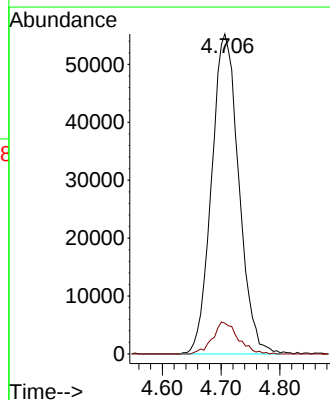
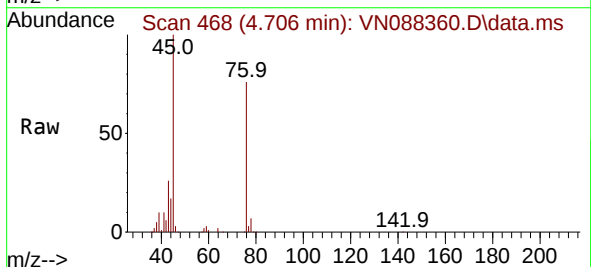
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

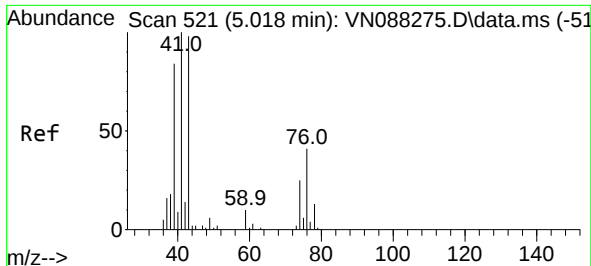
Tgt Ion: 58 Resp: 150287  
Ion Ratio Lower Upper  
58 100  
43 326.1 273.9 410.9



#16  
Carbon Disulfide  
Concen: 31.564 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 76 Resp: 177840  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.5 11.3

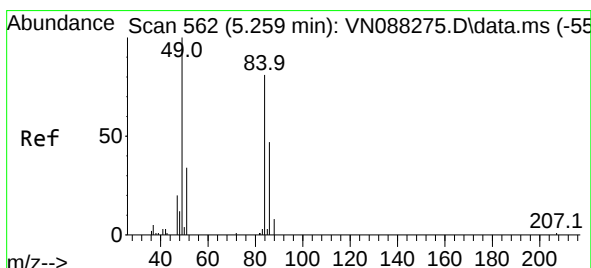
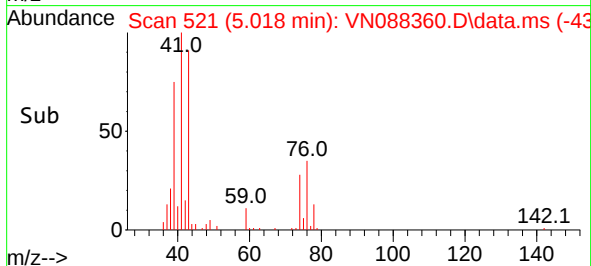
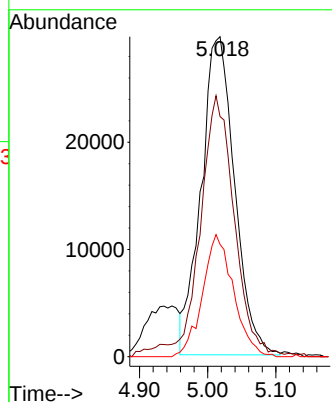
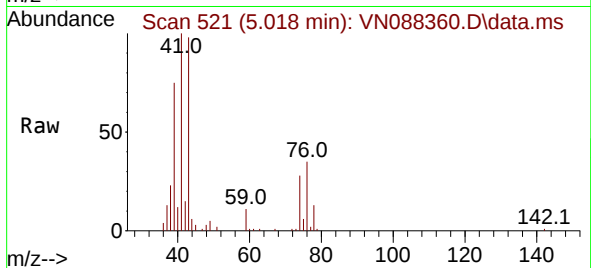




#17  
 Allyl chloride  
 Concen: 31.305 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

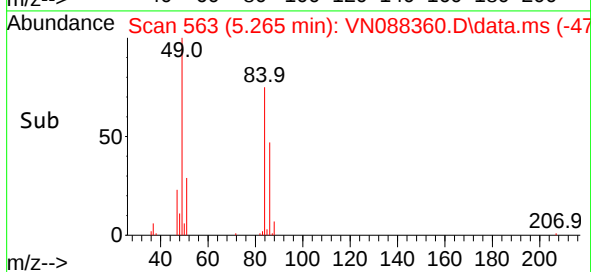
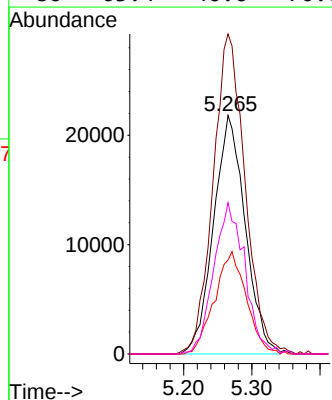
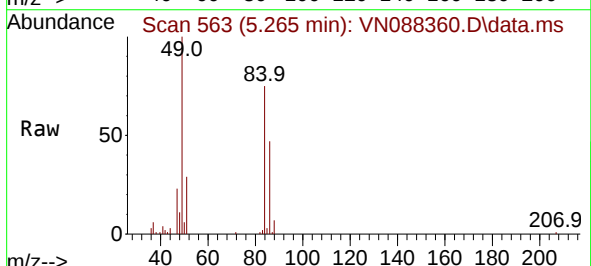
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 EFF-WWMS

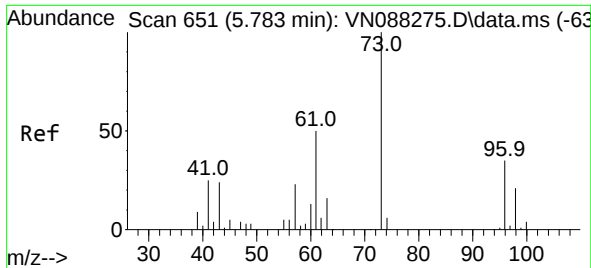
Tgt Ion: 41 Resp: 101631  
 Ion Ratio Lower Upper  
 41 100  
 39 74.7 38.3 114.9  
 76 35.5 18.5 55.5



#18  
 Methylene Chloride  
 Concen: 33.918 ug/l  
 RT: 5.265 min Scan# 563  
 Delta R.T. 0.006 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

Tgt Ion: 84 Resp: 70431  
 Ion Ratio Lower Upper  
 84 100  
 49 133.4 98.7 148.1  
 51 39.4 33.7 50.5  
 86 63.4 46.6 70.0

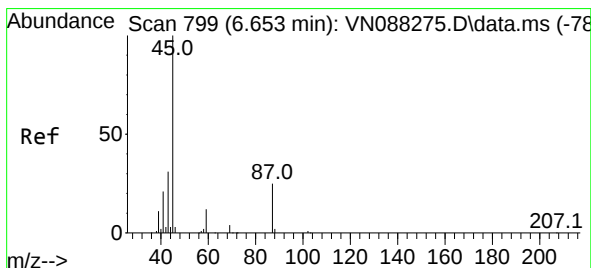
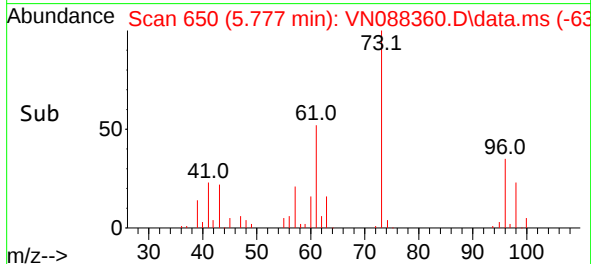
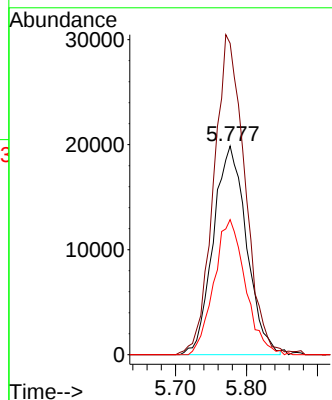
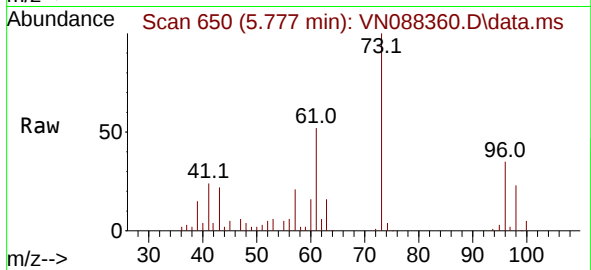




#19  
trans-1,2-Dichloroethene  
Concen: 33.218 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

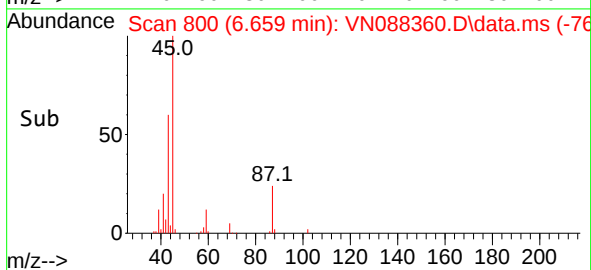
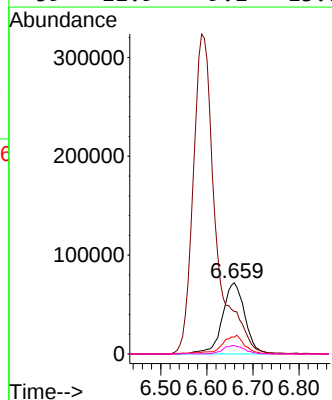
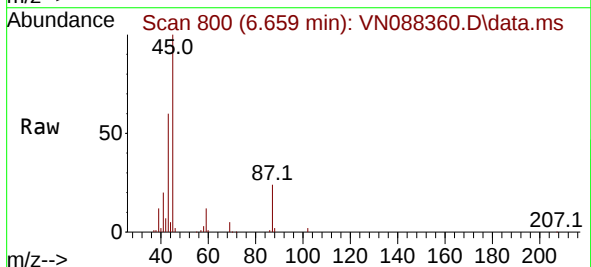
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ClientSampleId :  
EFF-WWMS

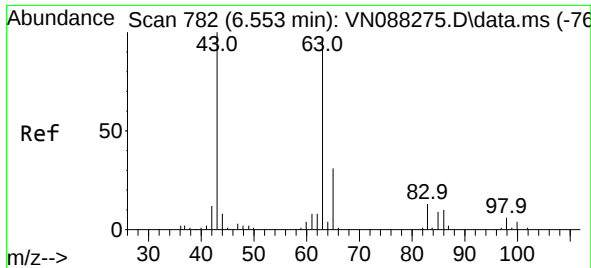
Tgt Ion: 96 Resp: 64621  
Ion Ratio Lower Upper  
96 100  
61 148.2 117.0 175.4  
98 64.7 48.6 72.8



#20  
Diisopropyl ether  
Concen: 34.982 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 45 Resp: 242680  
Ion Ratio Lower Upper  
45 100  
43 58.4 51.9 77.9  
87 23.7 21.1 31.7  
59 11.9 9.1 13.7

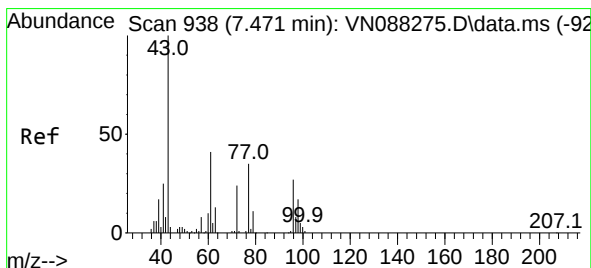
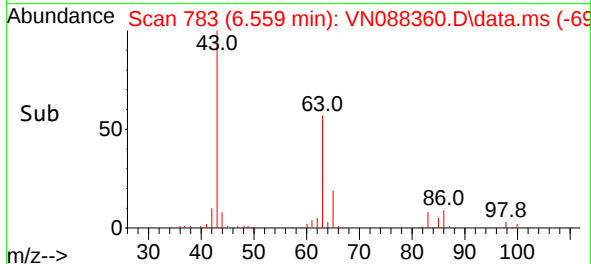
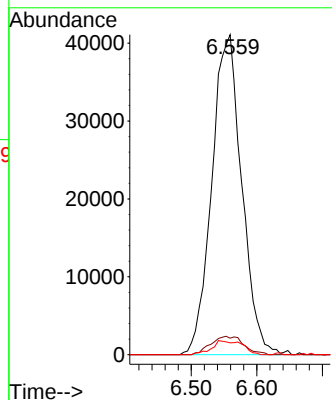
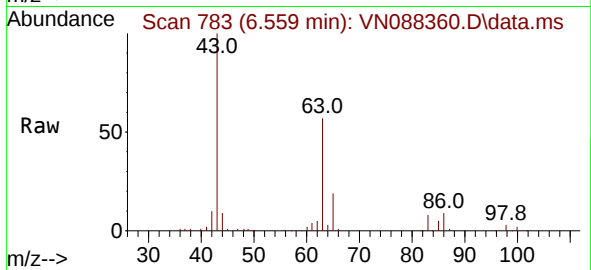




#21  
1,1-Dichloroethane  
Concen: 33.295 ug/l  
RT: 6.559 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

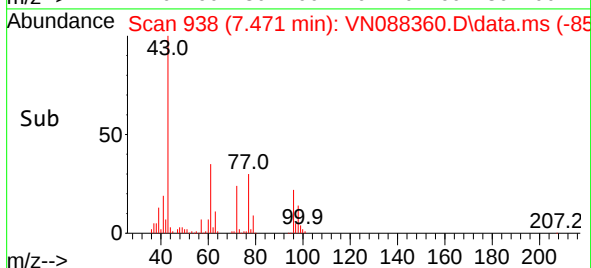
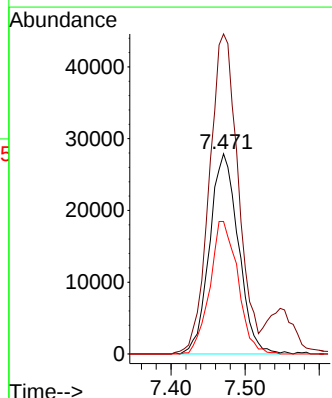
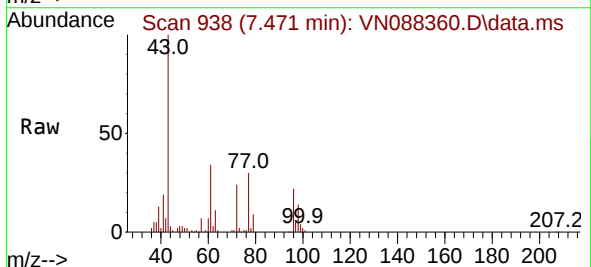
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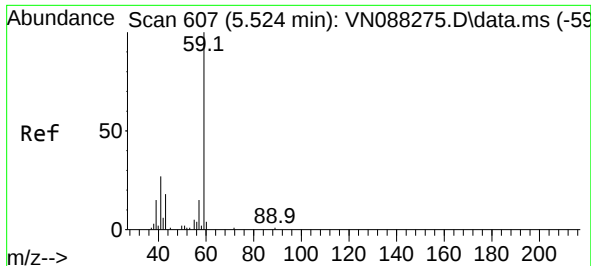
Tgt Ion: 63 Resp: 130129  
Ion Ratio Lower Upper  
63 100  
98 5.2 3.0 9.0  
100 3.7 2.1 6.3



#22  
cis-1,2-Dichloroethene  
Concen: 33.337 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 96 Resp: 75377  
Ion Ratio Lower Upper  
96 100  
61 159.8 131.2 196.8  
98 64.0 51.0 76.4

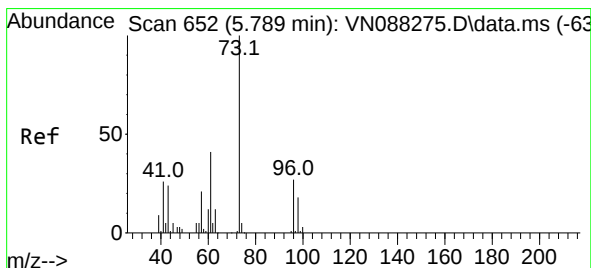
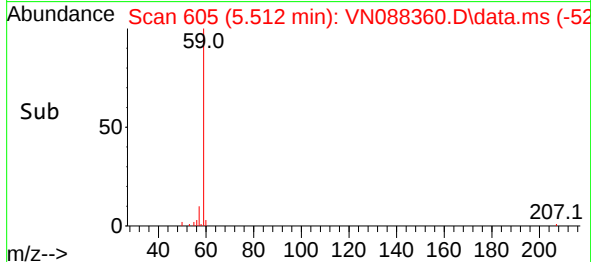
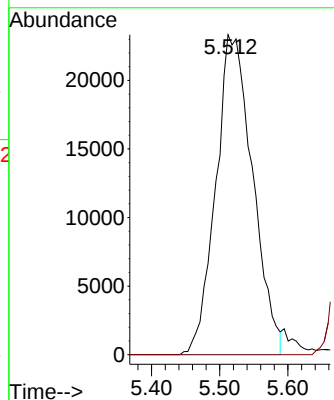
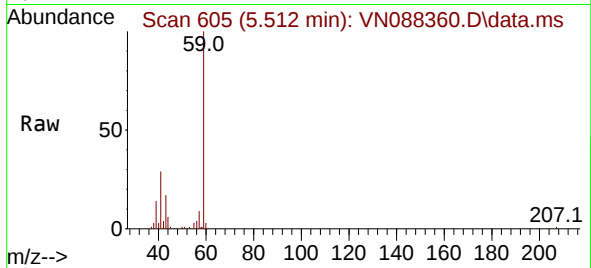




#23  
tert-Butyl Alcohol  
Concen: 194.838 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.012 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

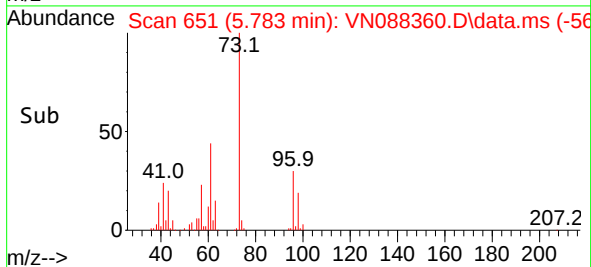
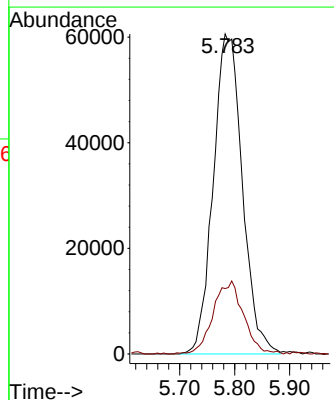
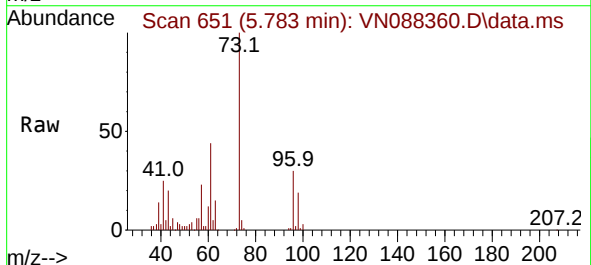
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ClientSampleId :  
EFF-WWMS

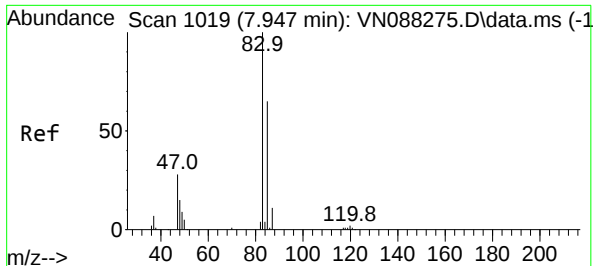
Tgt Ion: 59 Resp: 87740  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 33.081 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 73 Resp: 222827  
Ion Ratio Lower Upper  
73 100  
43 10.3 18.5 27.7#





#25

Chloroform

Concen: 39.451 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

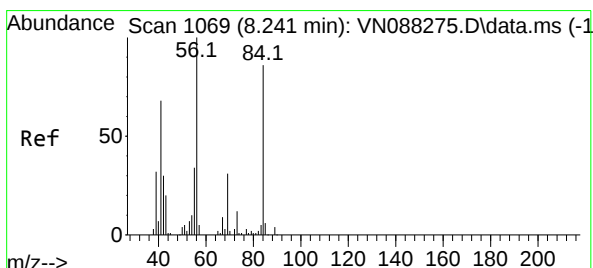
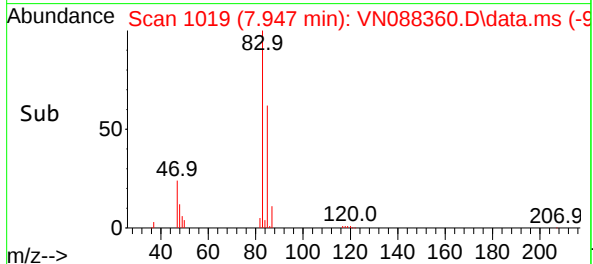
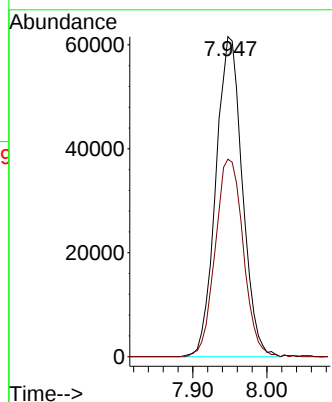
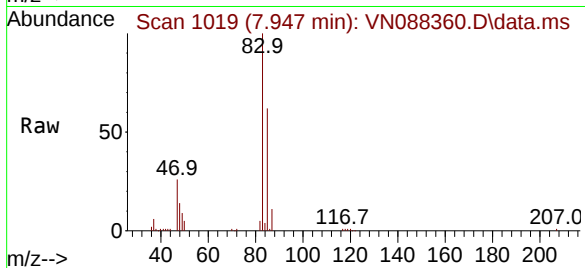
EFF-WWMS

Tgt Ion: 83 Resp: 152785

Ion Ratio Lower Upper

83 100

85 61.7 52.2 78.4



#26

Cyclohexane

Concen: 29.717 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

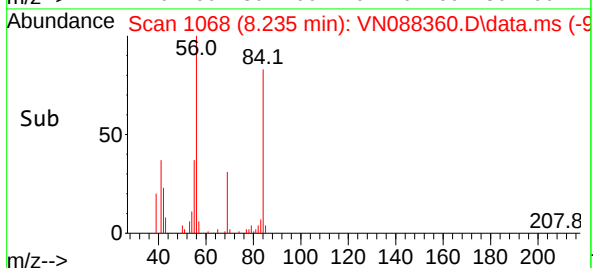
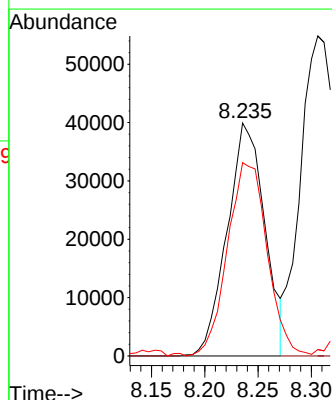
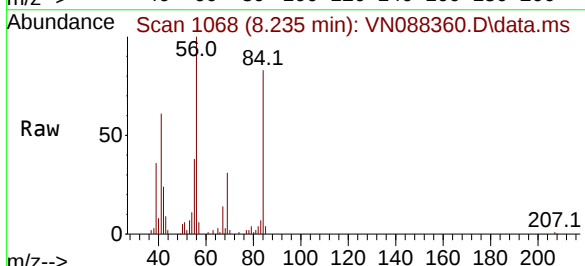
Tgt Ion: 56 Resp: 98103

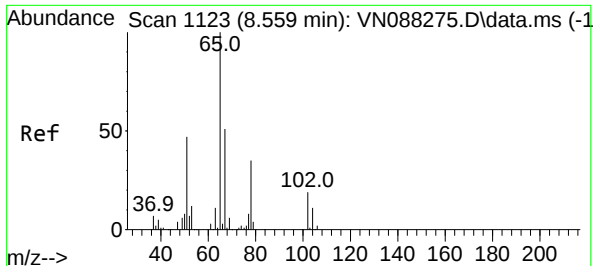
Ion Ratio Lower Upper

56 100

89 0.0 7.3 10.9#

84 87.5 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 48.507 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

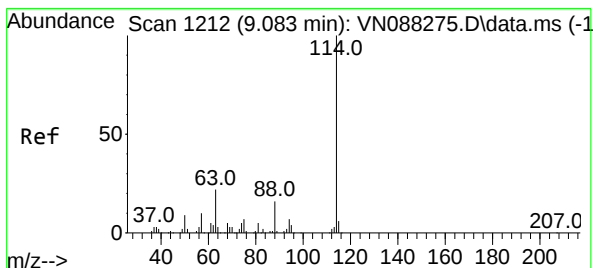
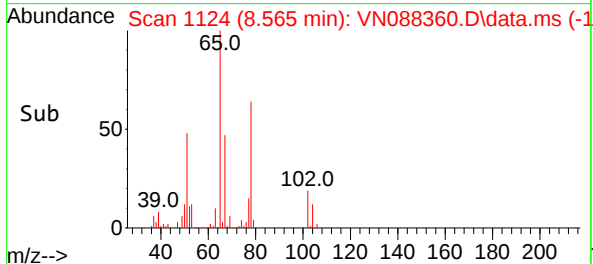
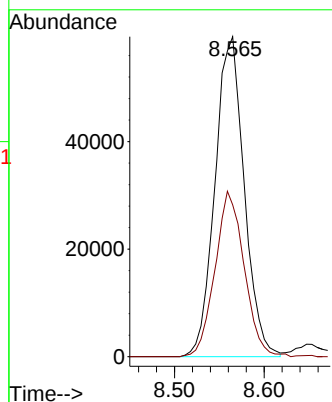
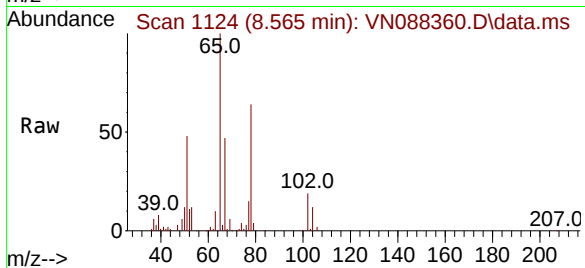
EFF-WWMS

Tgt Ion: 65 Resp: 134612

Ion Ratio Lower Upper

65 100

67 51.4 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

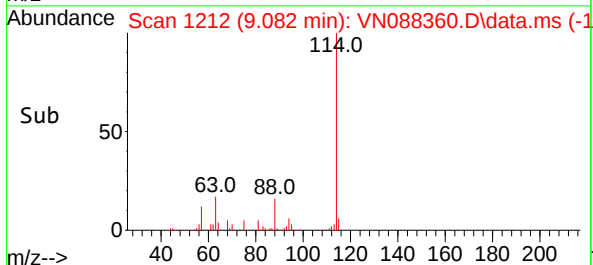
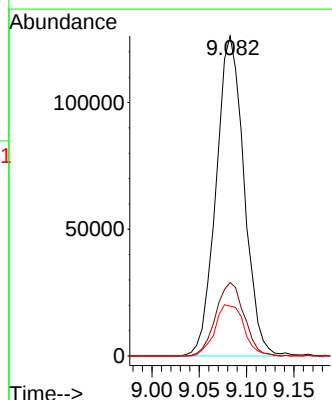
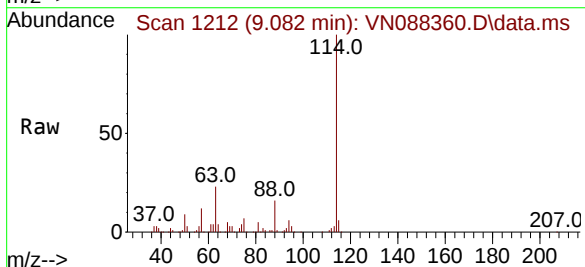
Tgt Ion: 114 Resp: 258609

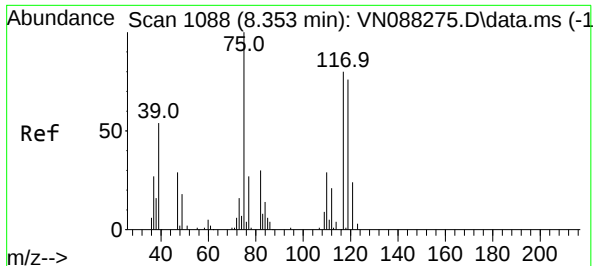
Ion Ratio Lower Upper

114 100

63 23.3 18.9 28.3

88 16.7 12.8 19.2

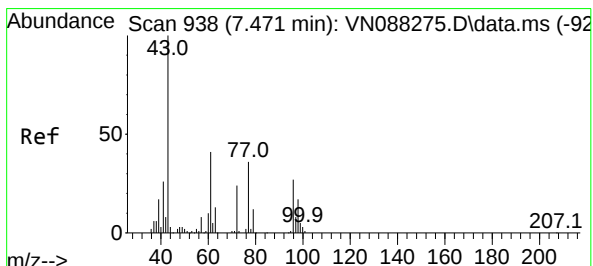
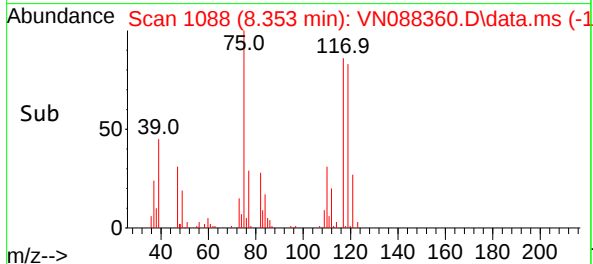
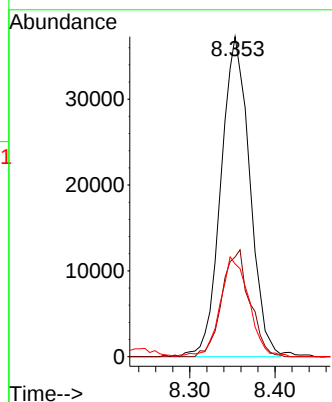
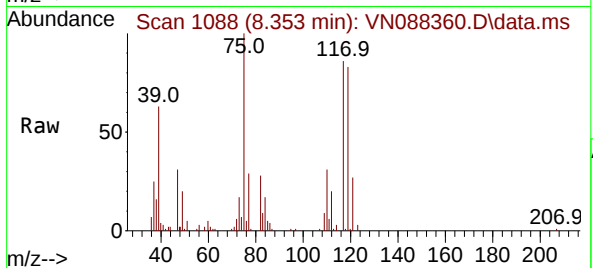




#29  
1,1-Dichloropropene  
Concen: 20.275 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

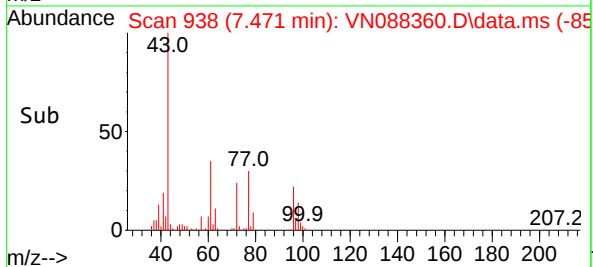
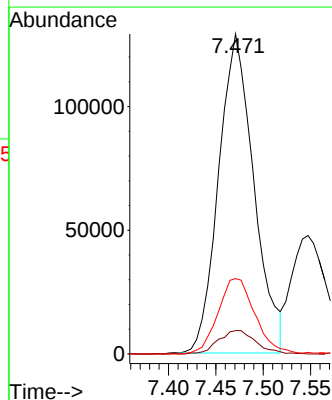
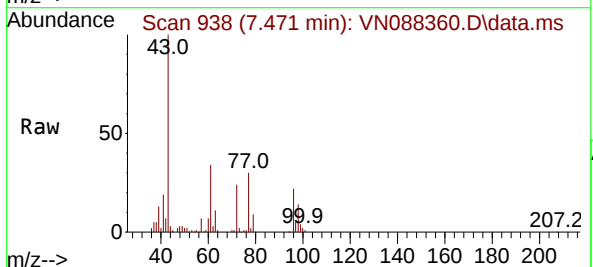
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

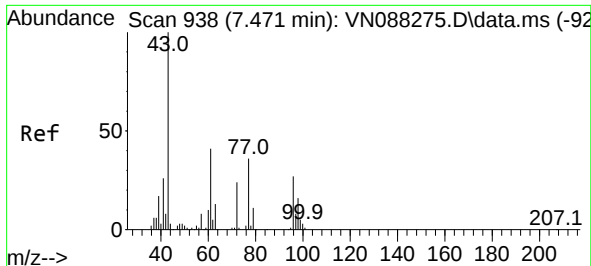
Tgt Ion: 75 Resp: 87488  
Ion Ratio Lower Upper  
75 100  
110 32.2 0.0 65.6  
77 30.6 0.0 60.8



#30  
2-Butanone  
Concen: 119.814 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 43 Resp: 334427  
Ion Ratio Lower Upper  
43 100  
57 7.7 6.2 9.4  
72 24.8 19.4 29.2





#31

2,2-Dichloropropane

Concen: 20.115 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

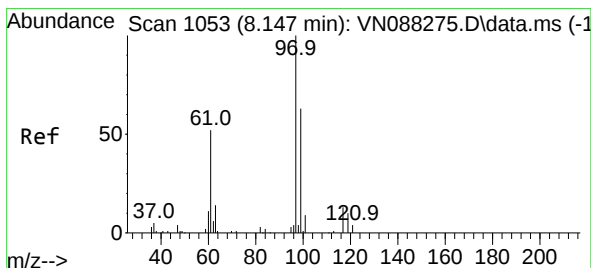
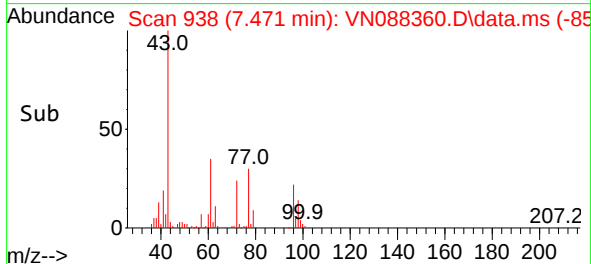
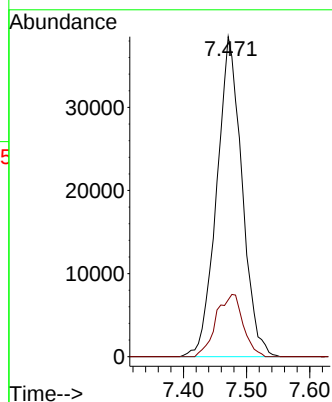
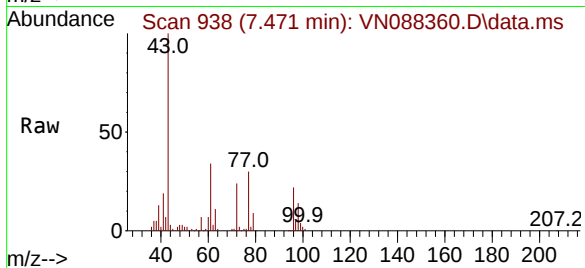
EFF-WWMS

Tgt Ion: 77 Resp: 107052

Ion Ratio Lower Upper

77 100

97 20.8 16.8 25.2



#32

1,1,1-Trichloroethane

Concen: 20.776 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

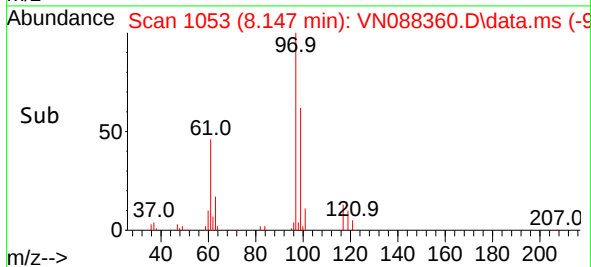
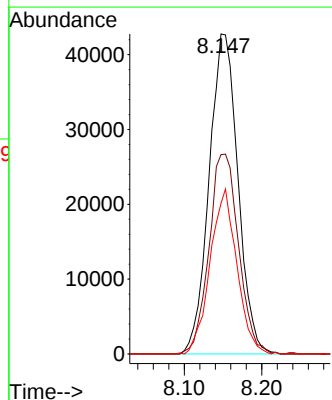
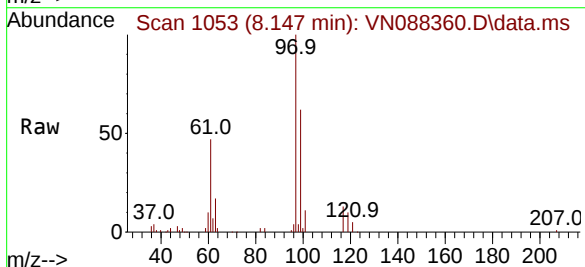
Tgt Ion: 97 Resp: 110515

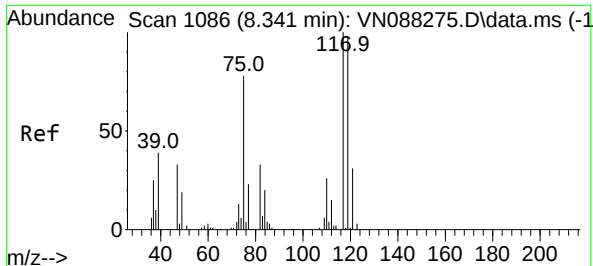
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.4

61 47.9 39.8 59.8

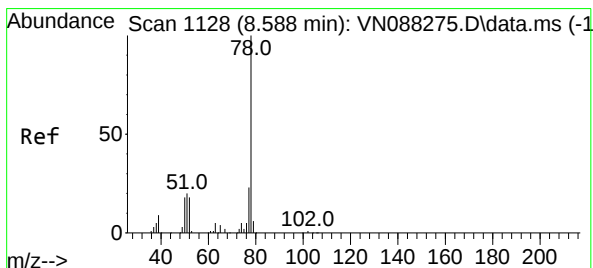
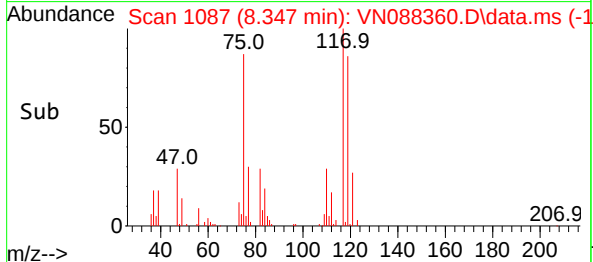
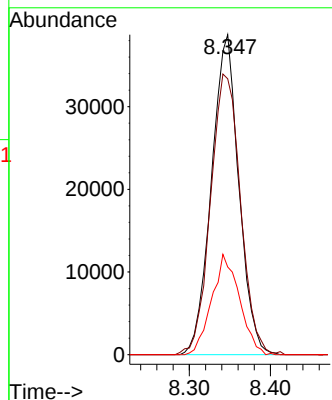
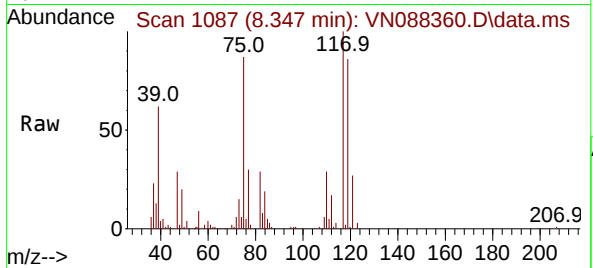




#33  
Carbon Tetrachloride  
Concen: 19.978 ug/l  
RT: 8.347 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

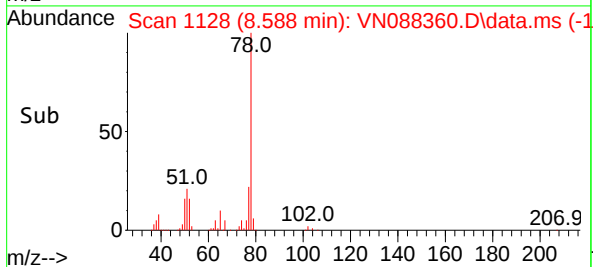
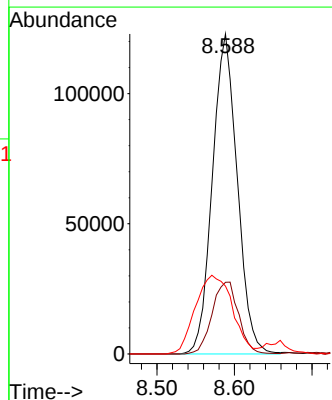
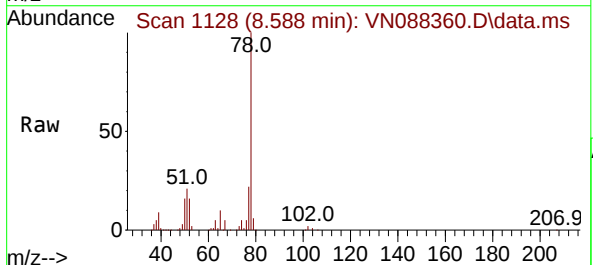
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

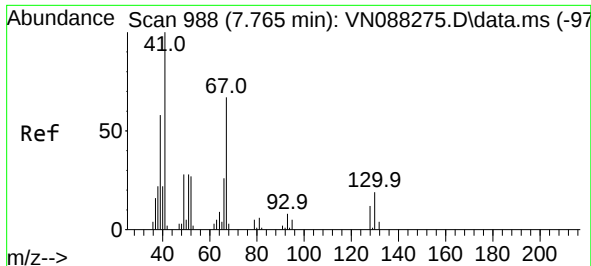
Tgt Ion:117 Resp: 90748  
Ion Ratio Lower Upper  
117 100  
119 85.5 77.8 116.8  
121 27.4 24.5 36.7



#34  
Benzene  
Concen: 21.267 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 78 Resp: 274298  
Ion Ratio Lower Upper  
78 100  
77 22.4 18.6 27.8  
51 19.5 15.8 23.8

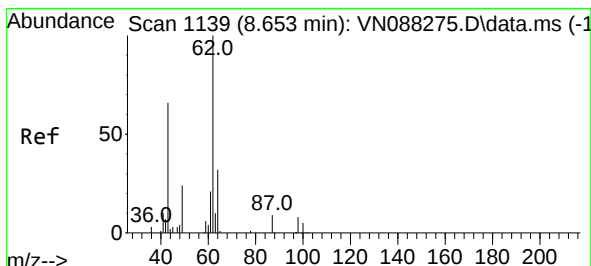
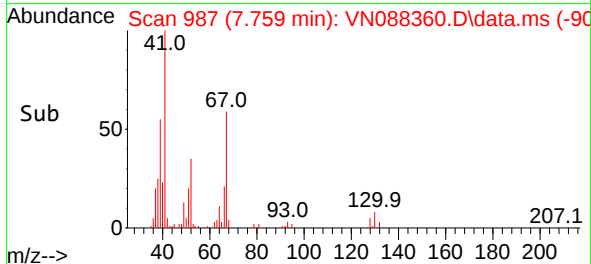
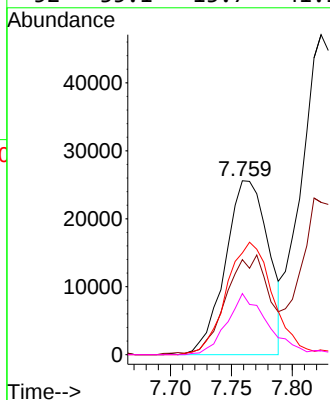
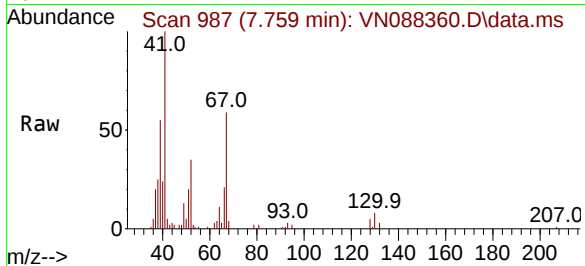




#35  
Methacrylonitrile  
Concen: 21.763 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

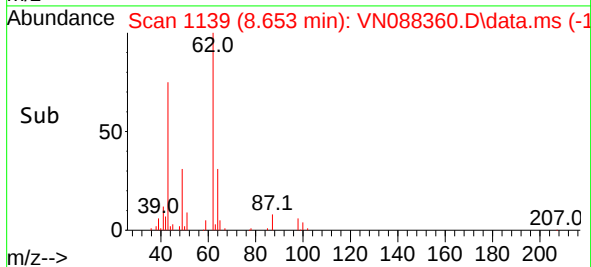
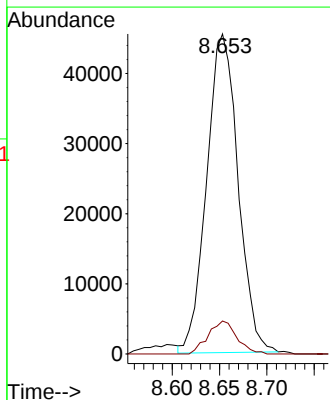
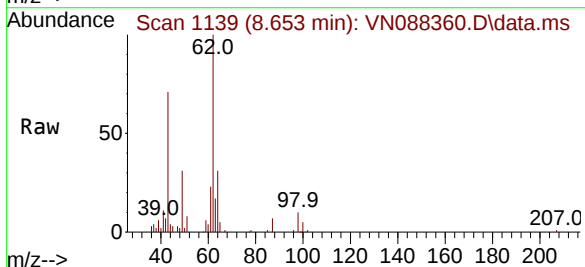
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

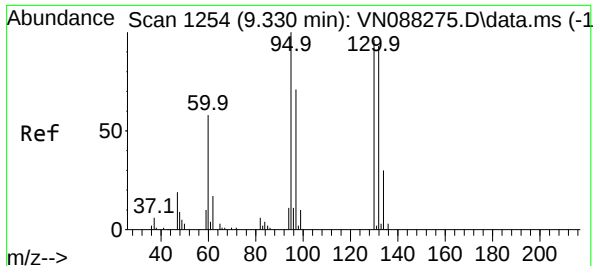
Tgt Ion: 41 Resp: 63362  
Ion Ratio Lower Upper  
41 100  
39 53.5 29.0 87.0  
67 58.5 33.3 99.9  
52 35.1 13.7 41.1



#36  
1,2-Dichloroethane  
Concen: 20.873 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 62 Resp: 104772  
Ion Ratio Lower Upper  
62 100  
98 9.4 6.8 10.2





#37

Trichloroethene

Concen: 21.843 ug/l

RT: 9.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

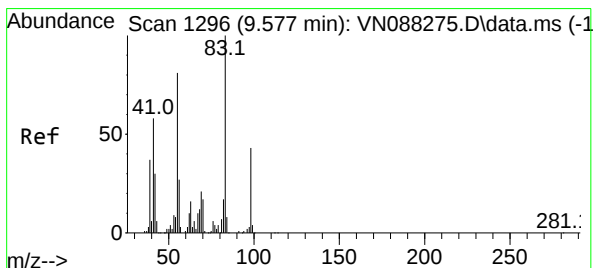
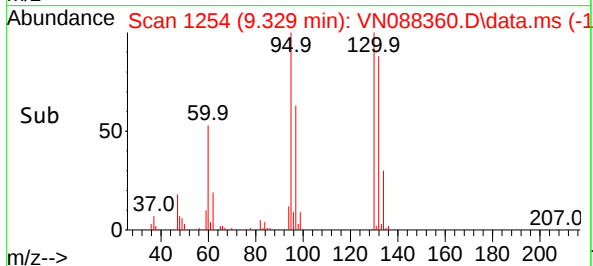
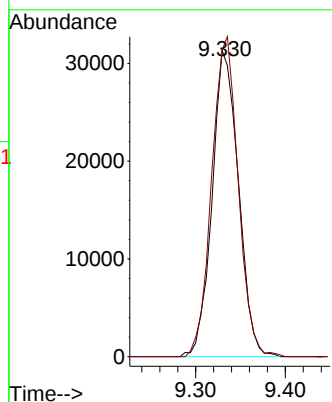
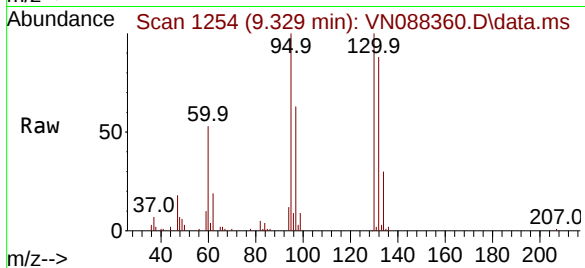
EFF-WWMS

Tgt Ion:130 Resp: 63845

Ion Ratio Lower Upper

130 100

95 100.2 83.7 125.5



#38

Methylcyclohexane

Concen: 18.869 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

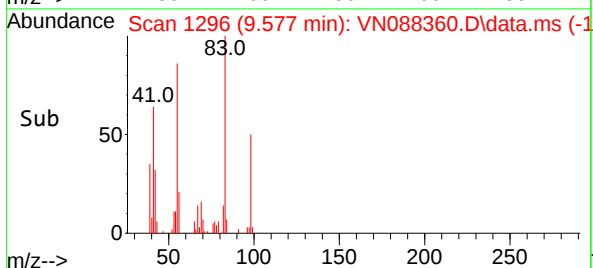
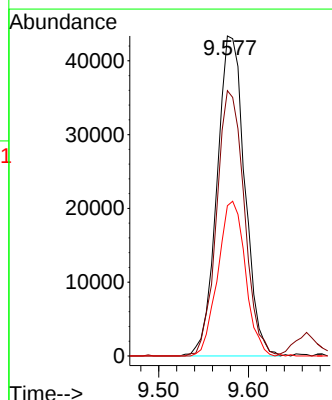
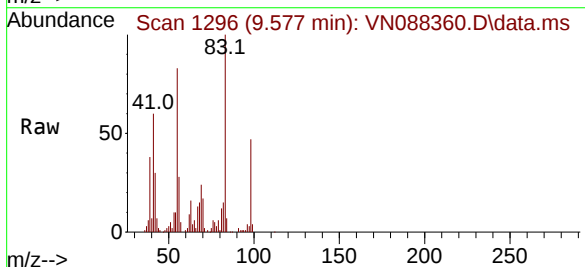
Tgt Ion: 83 Resp: 93346

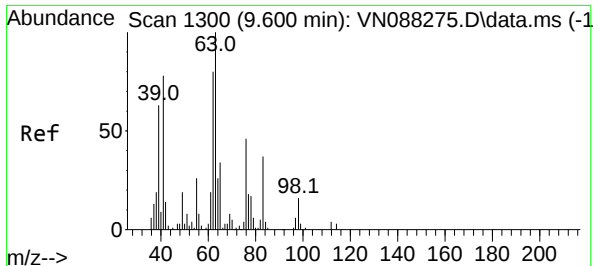
Ion Ratio Lower Upper

83 100

55 82.6 40.8 122.5

98 47.9 23.4 70.3





#39

1,2-Dichloropropane

Concen: 21.009 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

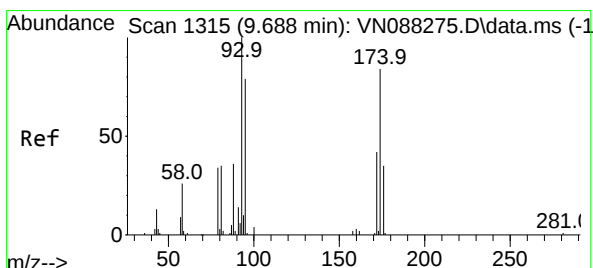
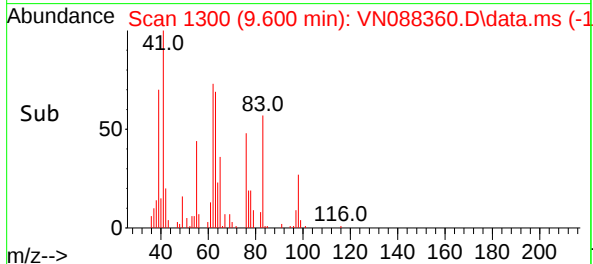
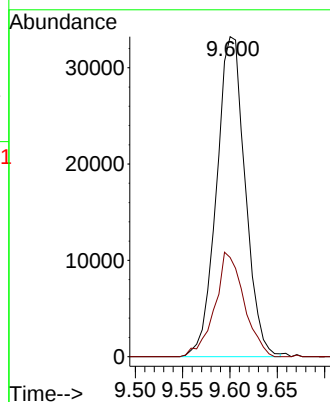
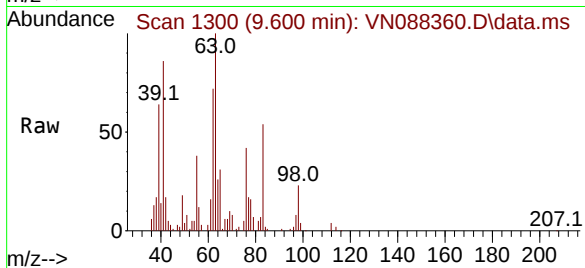
EFF-WWMS

Tgt Ion: 63 Resp: 69909

Ion Ratio Lower Upper

63 100

65 31.0 27.8 41.6



#40

Dibromomethane

Concen: 21.676 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

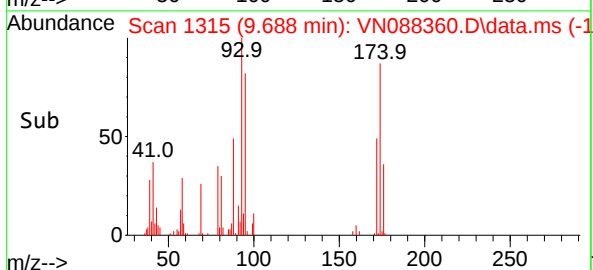
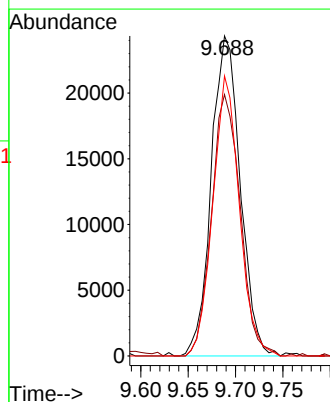
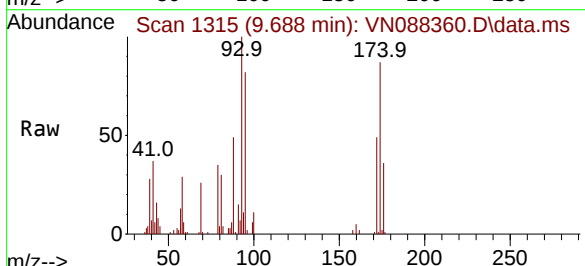
Tgt Ion: 93 Resp: 51823

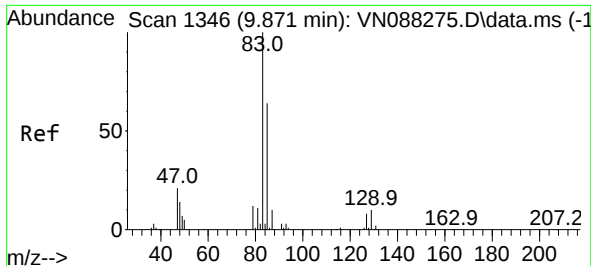
Ion Ratio Lower Upper

93 100

95 80.9 0.0 161.6

174 80.4 0.0 158.2

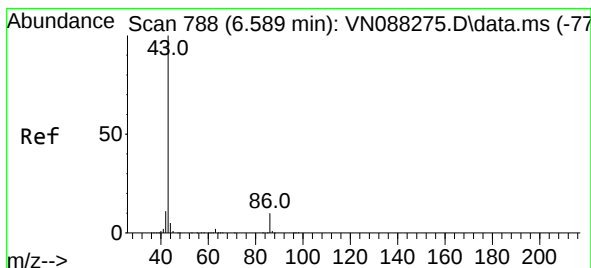
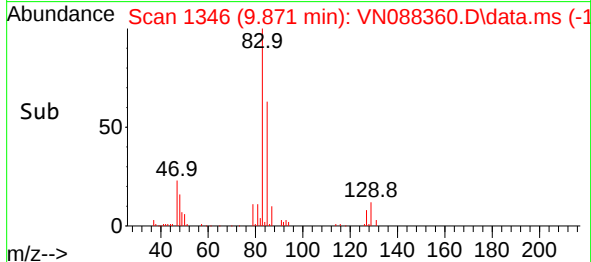
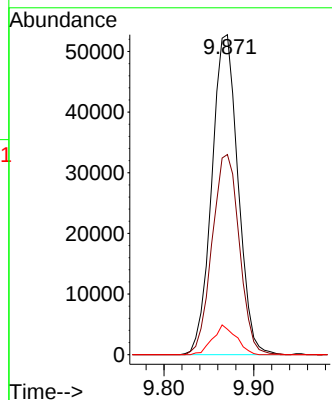
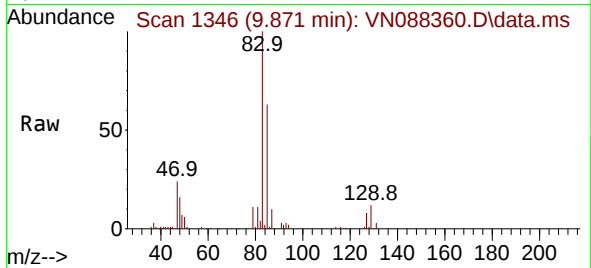




#41  
Bromodichloromethane  
Concen: 22.268 ug/l  
RT: 9.871 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

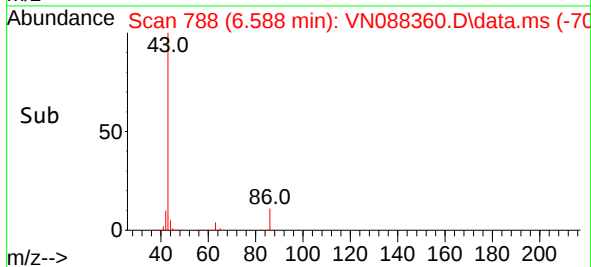
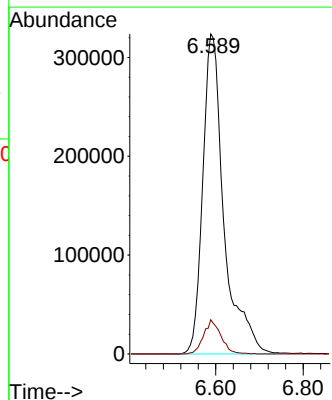
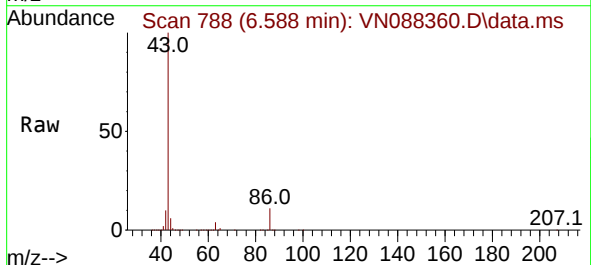
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

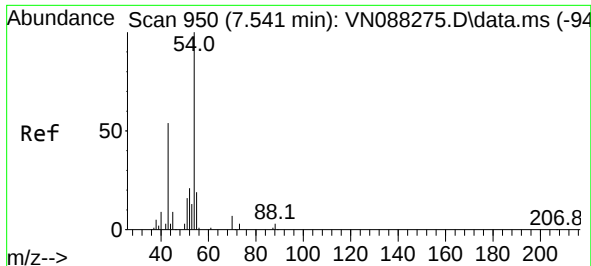
Tgt Ion: 83 Resp: 107177  
Ion Ratio Lower Upper  
83 100  
85 62.6 51.4 77.2  
127 7.9 6.4 9.6



#42  
Vinyl Acetate  
Concen: 117.250 ug/l  
RT: 6.588 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 43 Resp: 1092298  
Ion Ratio Lower Upper  
43 100  
86 8.6 7.4 11.2

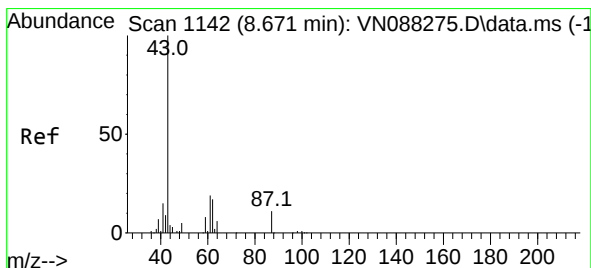
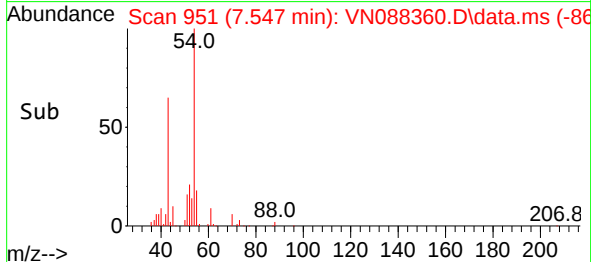
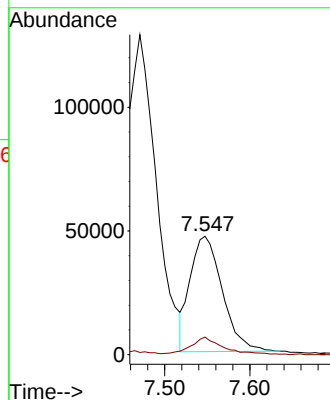
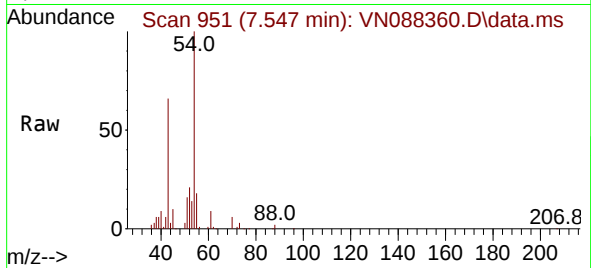




#43  
Ethyl Acetate  
Concen: 21.800 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

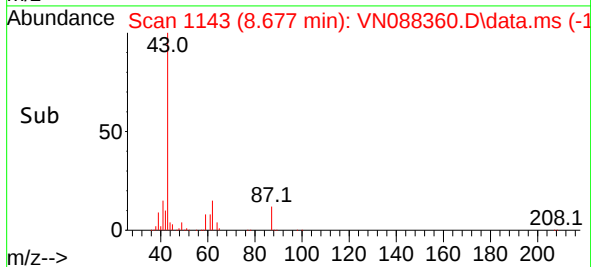
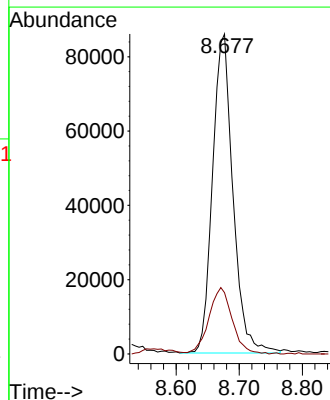
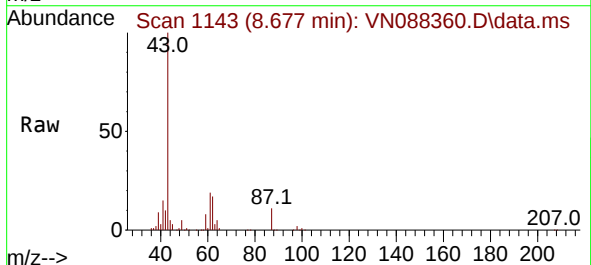
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

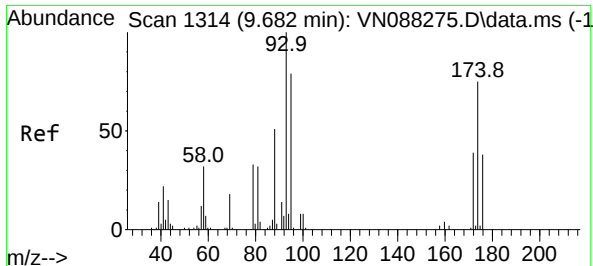
Tgt Ion: 43 Resp: 122432  
Ion Ratio Lower Upper  
43 100  
45 12.2 9.9 14.9



#44  
Isopropyl Acetate  
Concen: 22.284 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 43 Resp: 192868  
Ion Ratio Lower Upper  
43 100  
61 23.7 19.0 28.6





#45

1,4-Dioxane

Concen: 559.864 ug/l

RT: 9.677 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

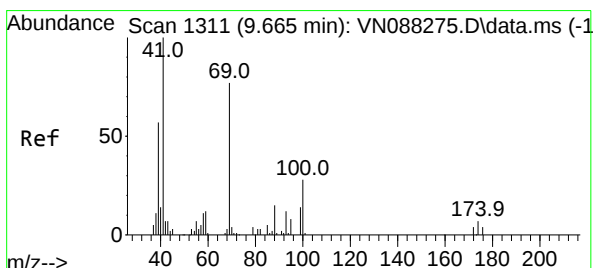
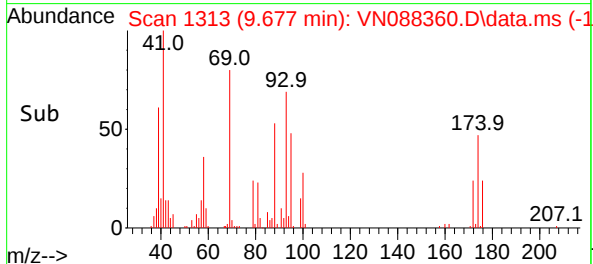
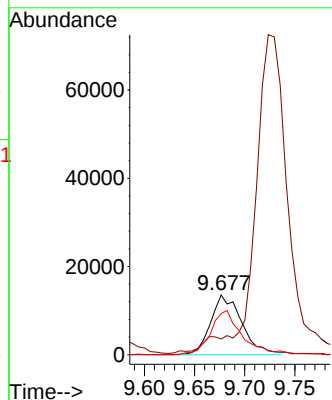
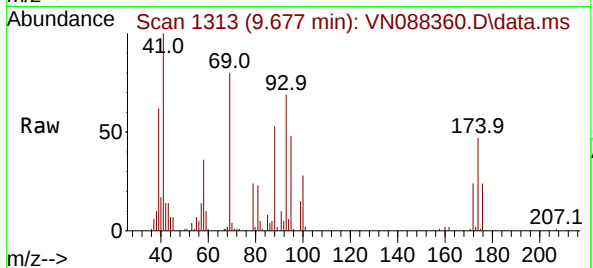
Tgt Ion: 88 Resp: 29180

Ion Ratio Lower Upper

88 100

43 17.1 27.8 41.8#

58 72.3 59.5 89.3



#46

Methyl methacrylate

Concen: 21.405 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

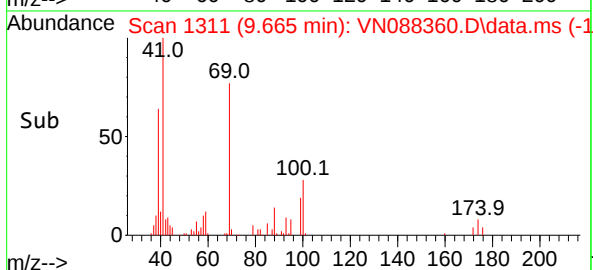
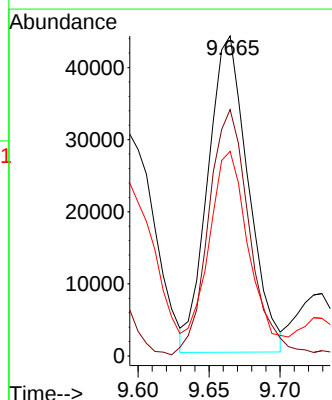
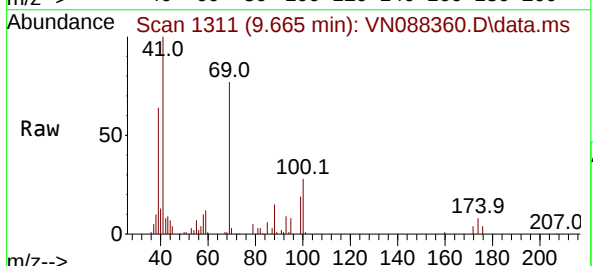
Tgt Ion: 41 Resp: 86691

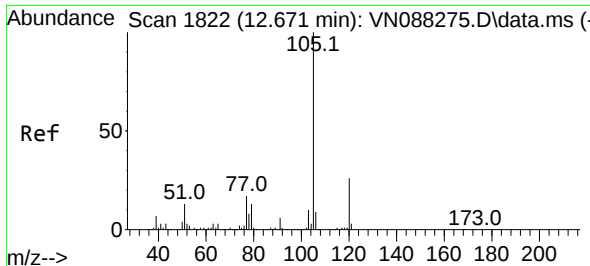
Ion Ratio Lower Upper

41 100

69 80.4 38.5 115.3

39 62.2 29.0 87.1

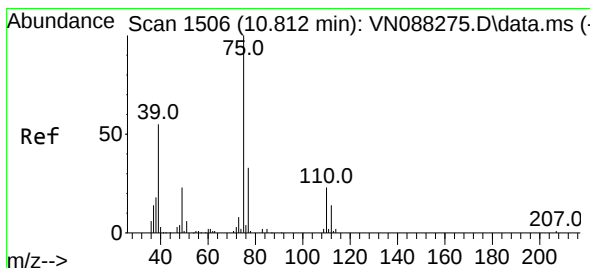
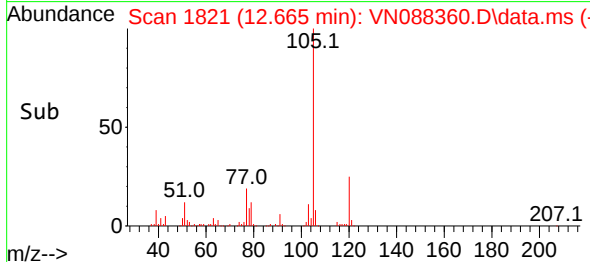
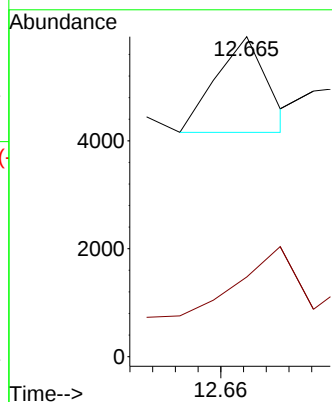
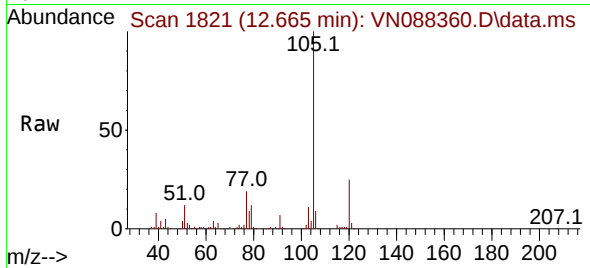




#47  
n-amy1 Acetate  
Concen: 0.255 ug/l  
RT: 12.665 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

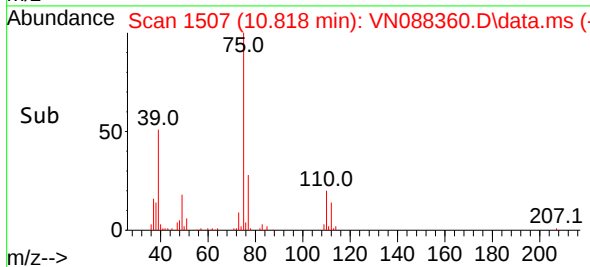
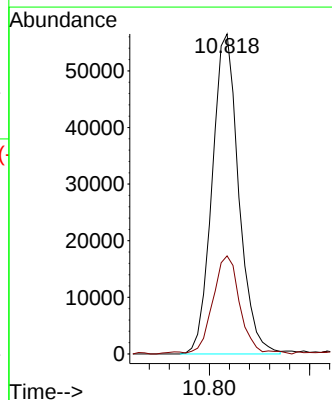
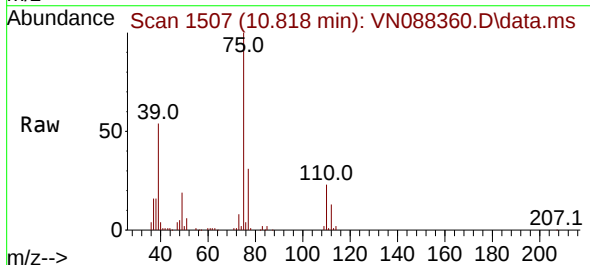
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

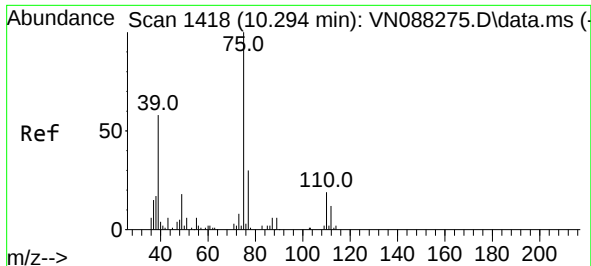
Tgt Ion: 43 Resp: 1119  
Ion Ratio Lower Upper  
43 100  
55 139.9 0.0 0.0#



#48  
t-1,3-Dichloropropene  
Concen: 20.233 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 75 Resp: 104159  
Ion Ratio Lower Upper  
75 100  
77 30.1 26.1 39.1

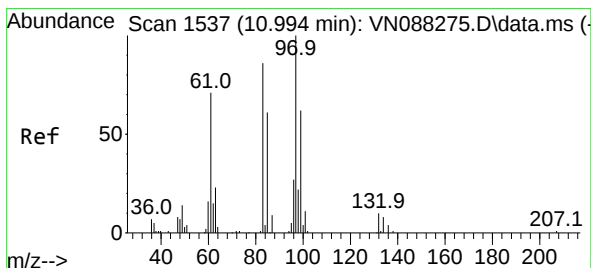
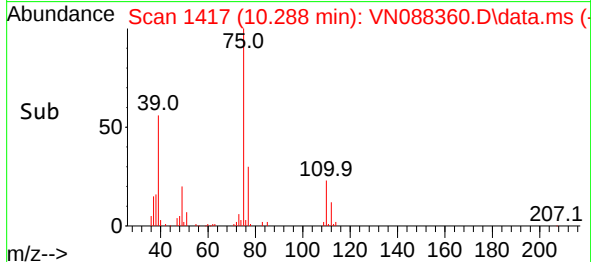
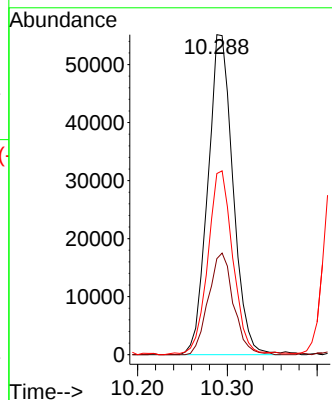
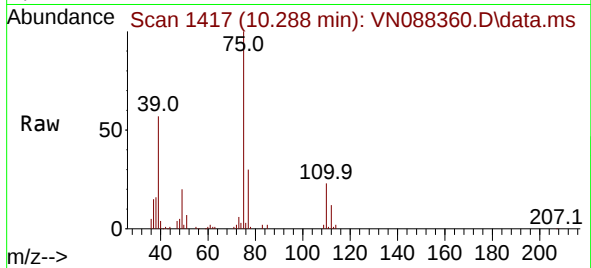




#49  
 cis-1,3-Dichloropropene  
 Concen: 20.052 ug/l  
 RT: 10.288 min Scan# 1417  
 Delta R.T. -0.006 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

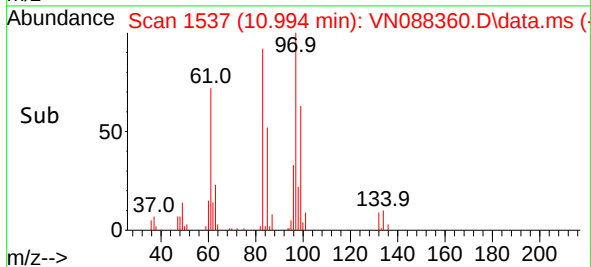
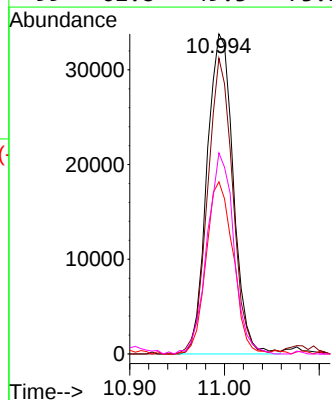
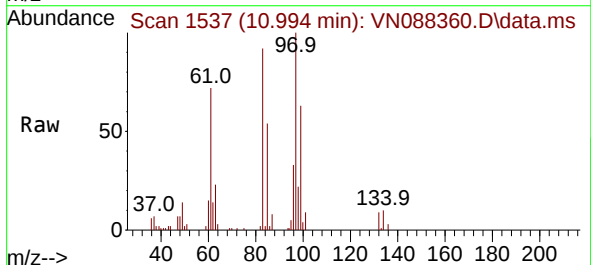
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WWMS

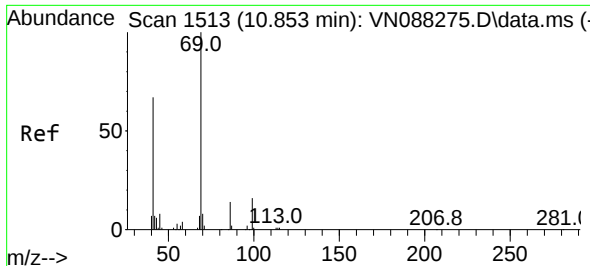
Tgt Ion: 75 Resp: 107404  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 24.4 36.6  
 39 56.2 46.1 69.1



#50  
 1,1,2-Trichloroethane  
 Concen: 22.086 ug/l  
 RT: 10.994 min Scan# 1537  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

Tgt Ion: 97 Resp: 65293  
 Ion Ratio Lower Upper  
 97 100  
 83 92.0 68.6 102.8  
 85 53.3 49.0 73.6  
 99 62.8 49.3 73.9

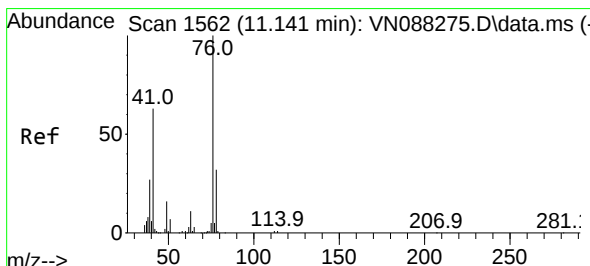
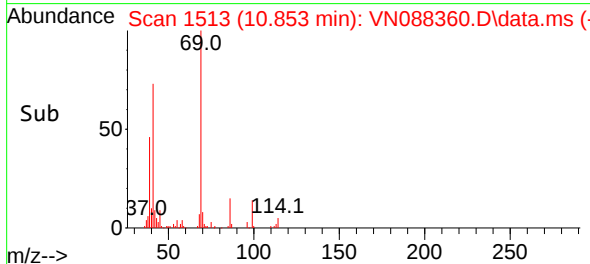
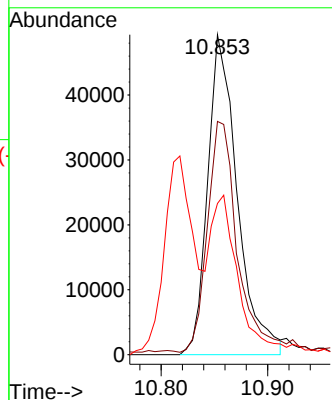
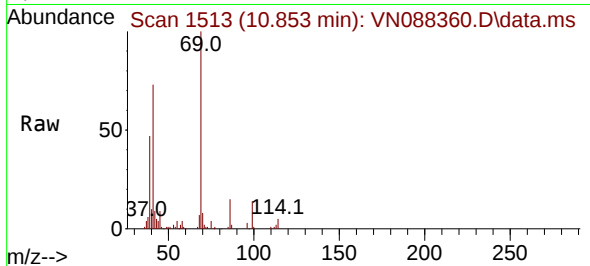




#51  
Ethyl methacrylate  
Concen: 19.587 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

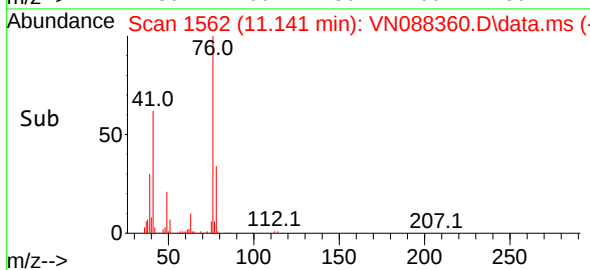
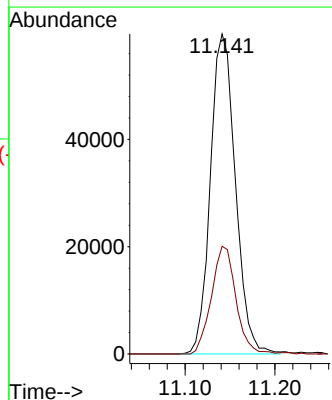
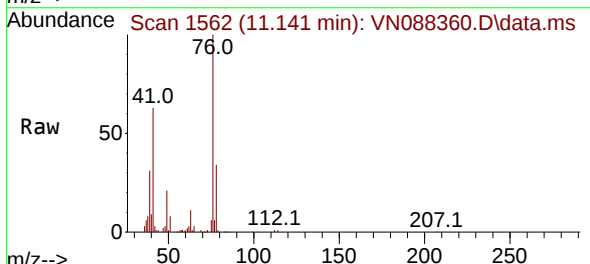
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

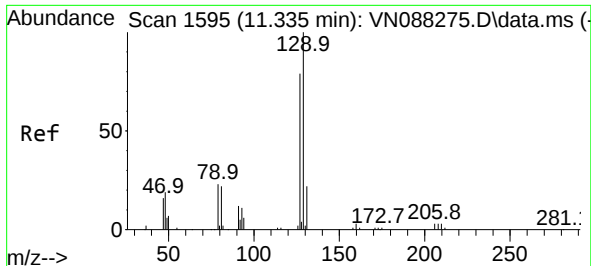
Tgt Ion: 69 Resp: 95271  
Ion Ratio Lower Upper  
69 100  
41 72.1 33.6 100.8  
39 43.9 23.4 70.2



#52  
1,3-Dichloropropane  
Concen: 21.437 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 76 Resp: 115419  
Ion Ratio Lower Upper  
76 100  
78 32.7 0.0 64.2

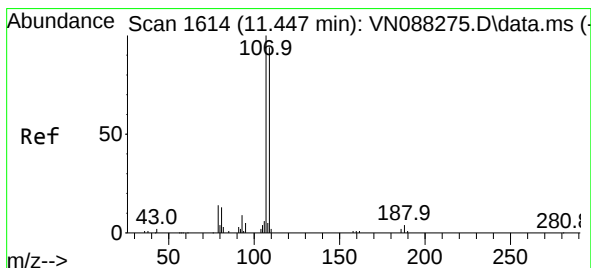
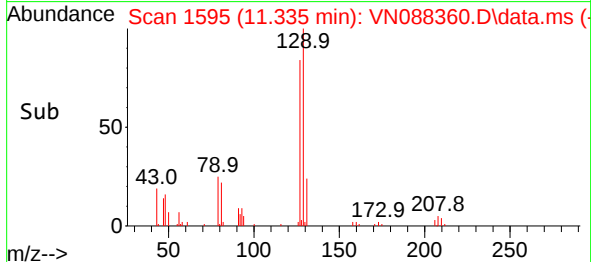
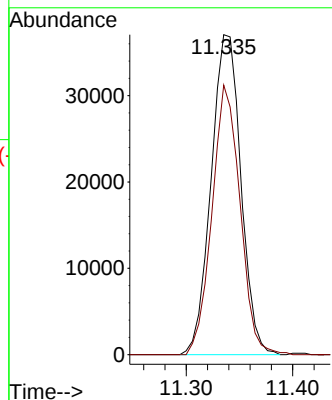
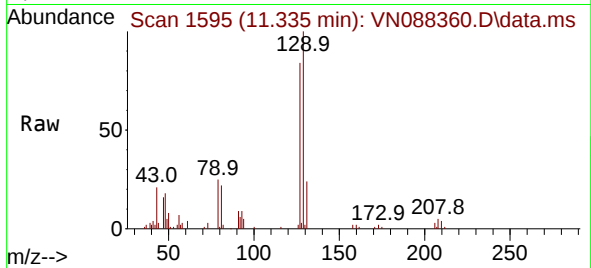




#53  
Dibromochloromethane  
Concen: 21.208 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

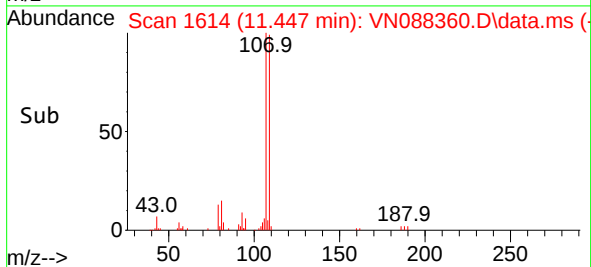
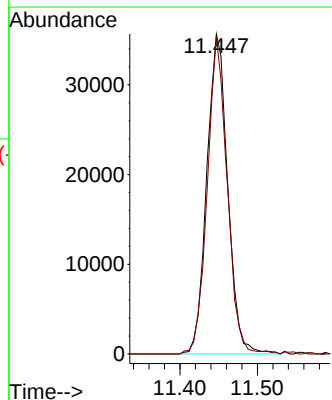
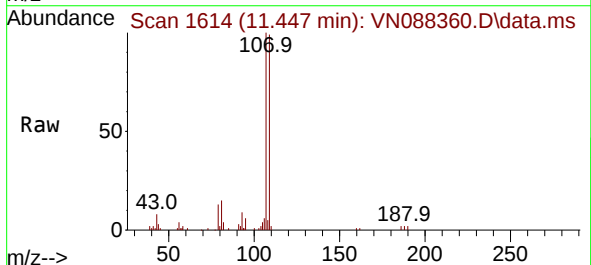
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

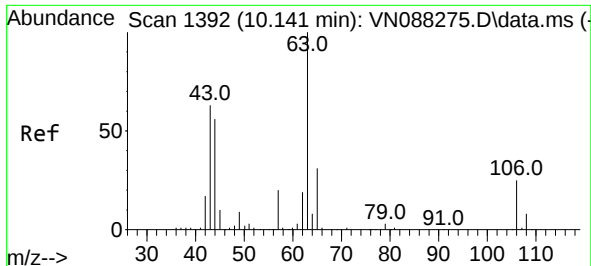
Tgt Ion:129 Resp: 72019  
Ion Ratio Lower Upper  
129 100  
127 79.2 38.2 114.6



#54  
1,2-Dibromoethane  
Concen: 21.719 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion:107 Resp: 66715  
Ion Ratio Lower Upper  
107 100  
109 94.0 76.6 115.0

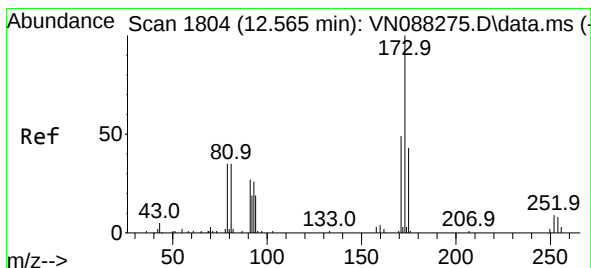
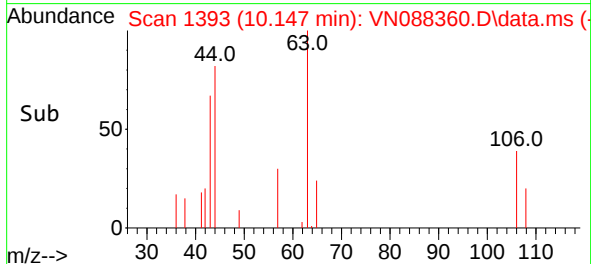
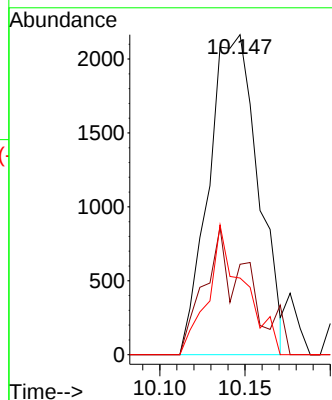
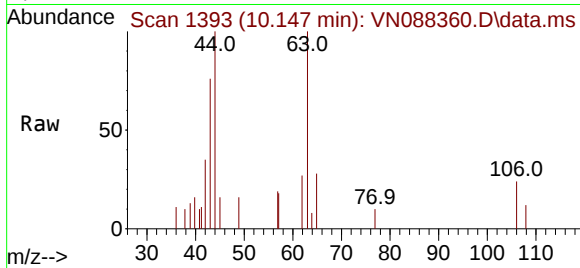




#55  
2-Chloroethyl vinyl ether  
Concen: 1.554 ug/l  
RT: 10.147 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

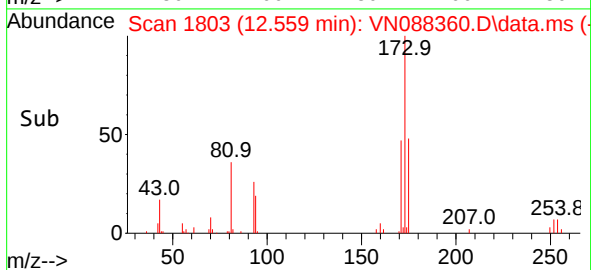
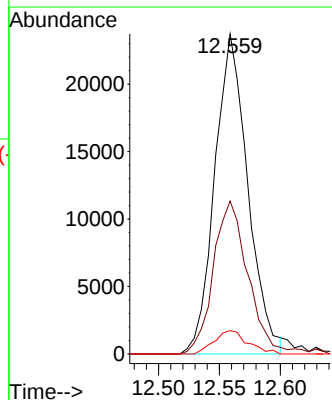
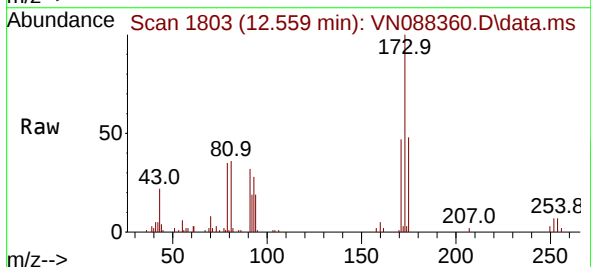
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

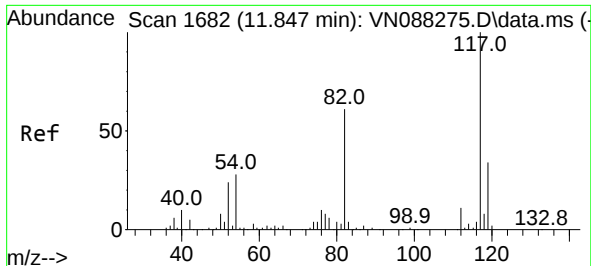
Tgt Ion: 63 Resp: 4353  
Ion Ratio Lower Upper  
63 100  
65 13.0 24.9 37.3#  
106 0.0 20.3 30.5#



#56  
Bromoform  
Concen: 20.834 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 173 Resp: 44780  
Ion Ratio Lower Upper  
173 100  
175 49.6 37.7 56.5  
254 7.4 5.9 8.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

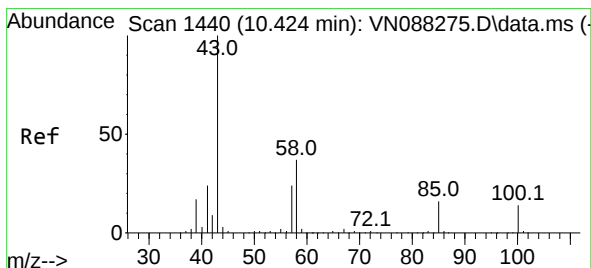
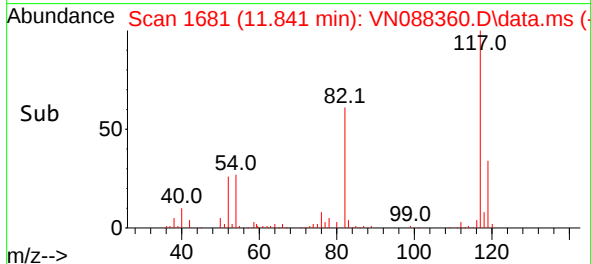
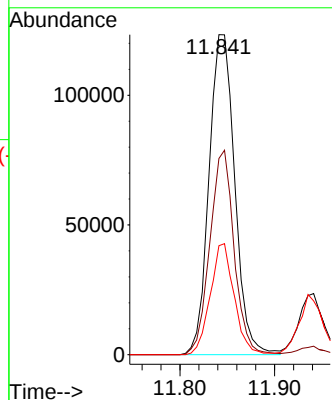
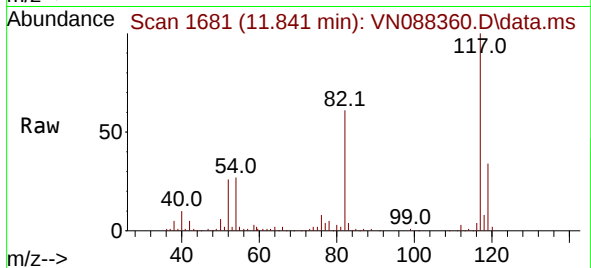
Tgt Ion:117 Resp: 233753

Ion Ratio Lower Upper

117 100

82 60.2 49.3 73.9

119 32.3 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 118.670 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

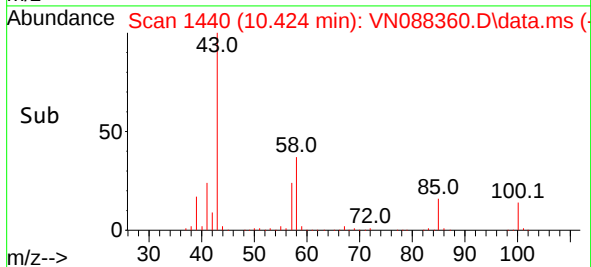
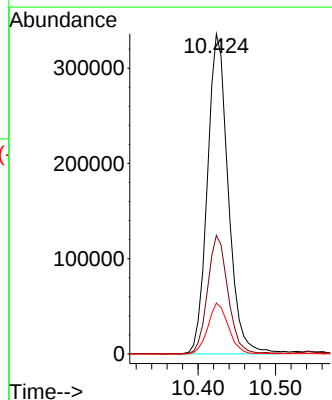
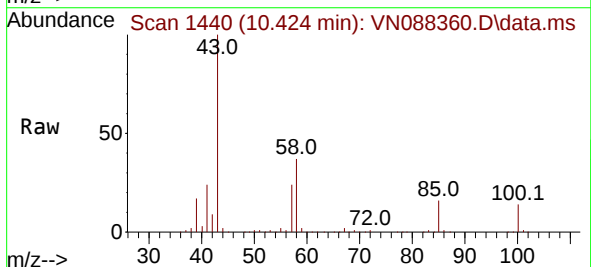
Tgt Ion: 43 Resp: 627398

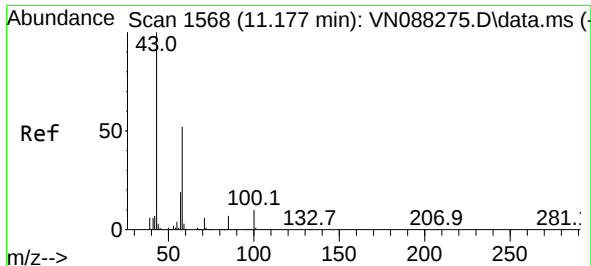
Ion Ratio Lower Upper

43 100

58 36.1 29.2 43.8

85 15.6 12.6 19.0

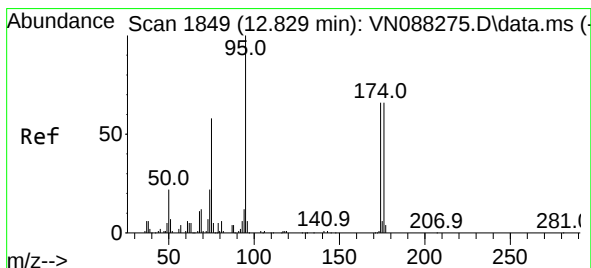
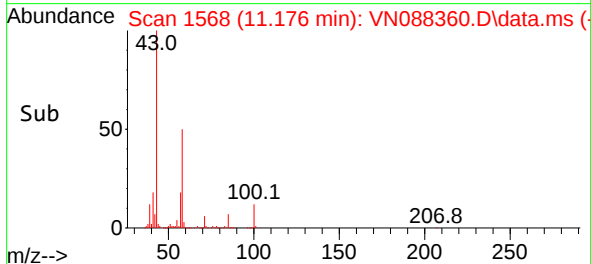
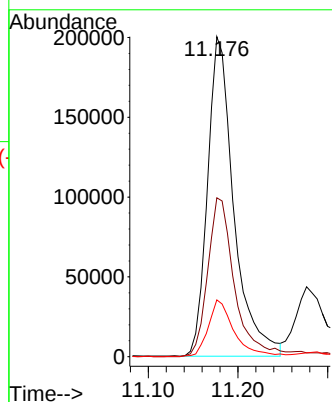
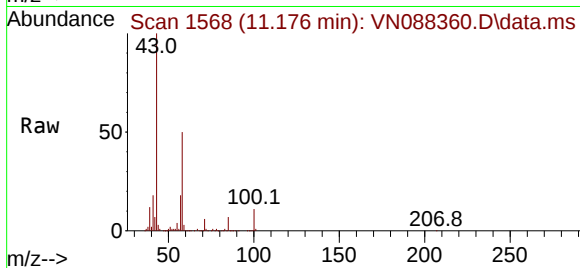




#59  
2-Hexanone  
Concen: 116.133 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

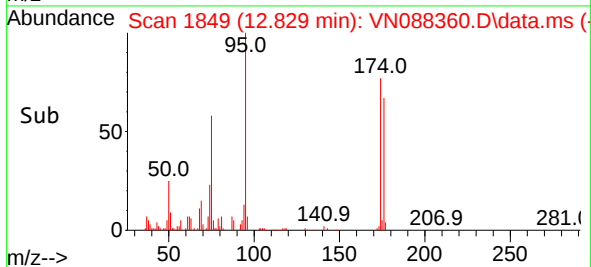
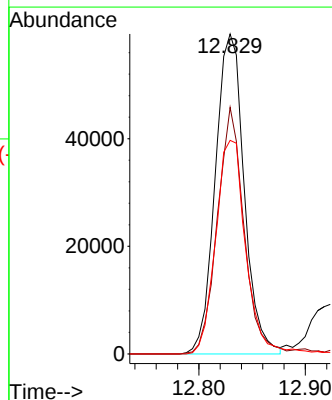
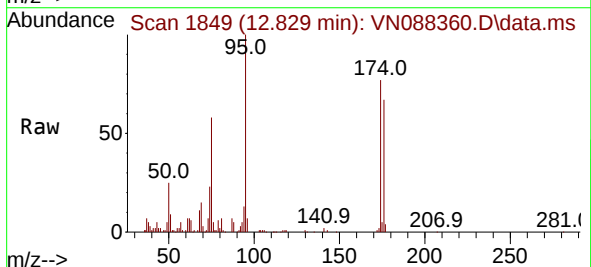
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ClientSampleId :  
EFF-WWMS

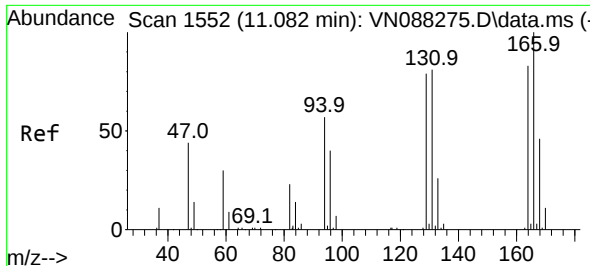
Tgt Ion: 43 Resp: 407703  
Ion Ratio Lower Upper  
43 100  
58 49.4 41.0 61.4  
57 17.3 14.4 21.6



#60  
4-Bromofluorobenzene  
Concen: 28.292 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 95 Resp: 111794  
Ion Ratio Lower Upper  
95 100  
174 71.1 54.5 81.7  
176 68.7 53.8 80.6

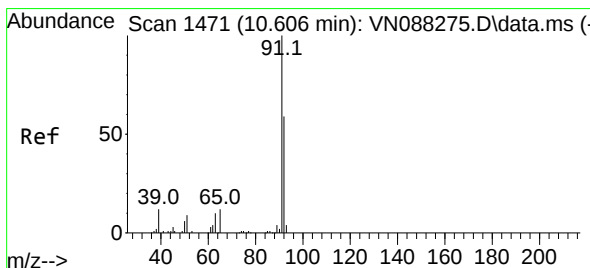
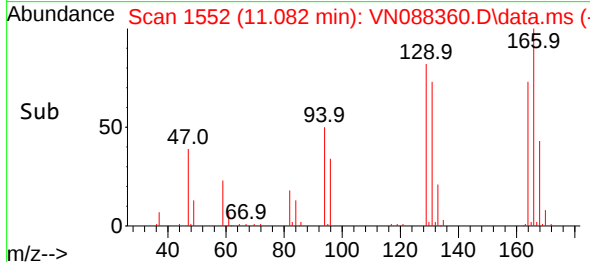
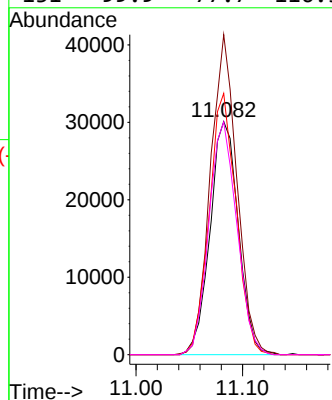
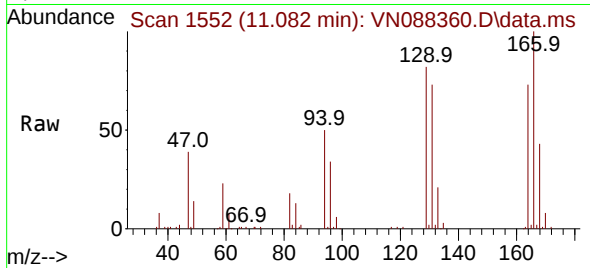




#61  
Tetrachloroethene  
Concen: 23.047 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

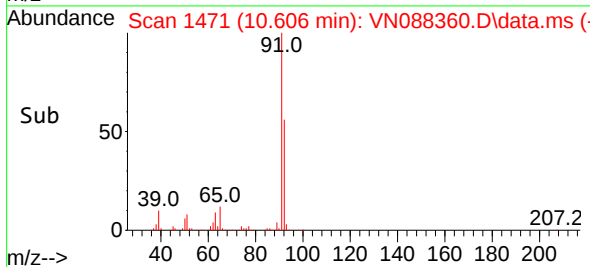
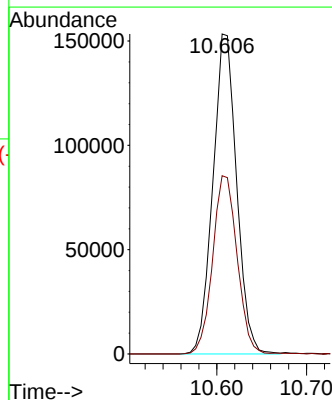
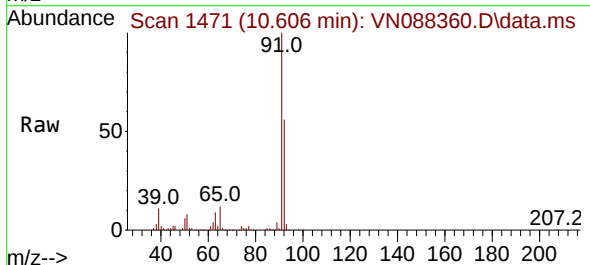
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

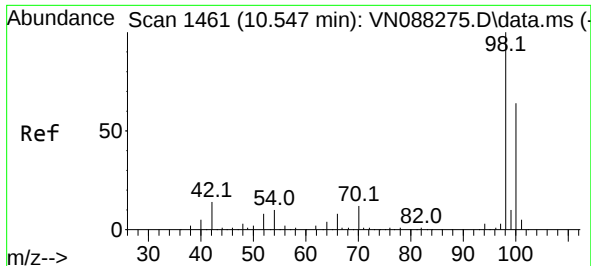
Tgt Ion:164 Resp: 55543  
Ion Ratio Lower Upper  
164 100  
166 137.3 96.3 144.5  
129 112.1 76.2 114.2  
131 99.9 77.7 116.5



#62  
Toluene  
Concen: 20.994 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 91 Resp: 281612  
Ion Ratio Lower Upper  
91 100  
92 57.4 46.7 70.1

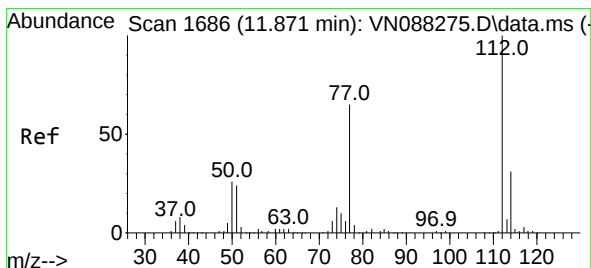
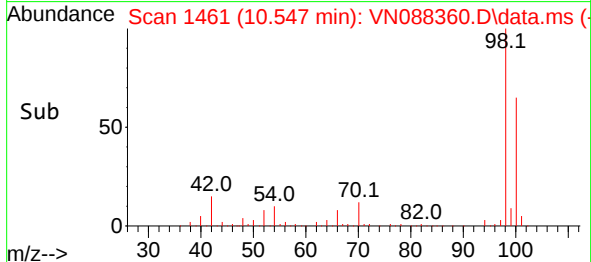
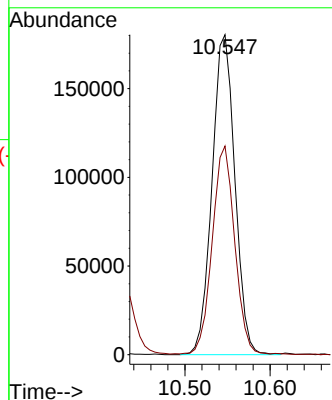
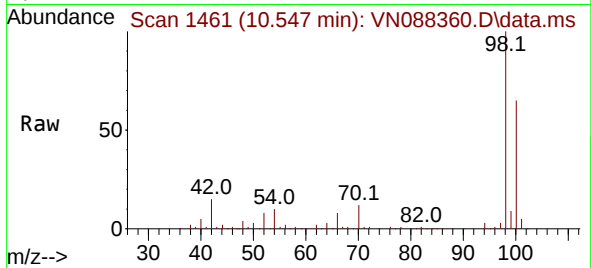




#63  
Toluene-d8  
Concen: 30.399 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

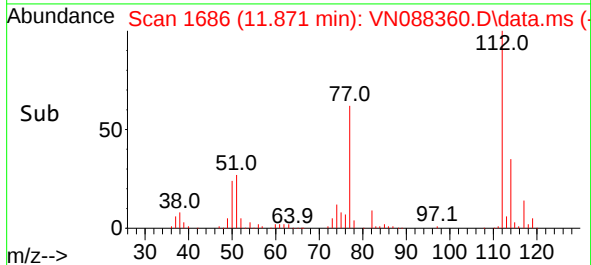
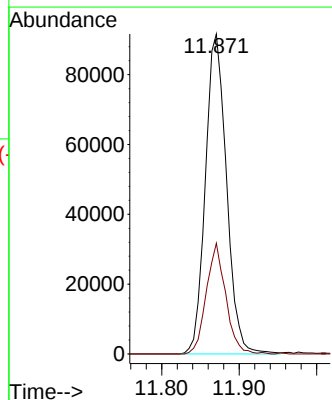
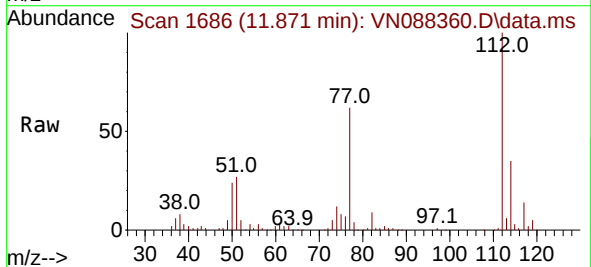
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

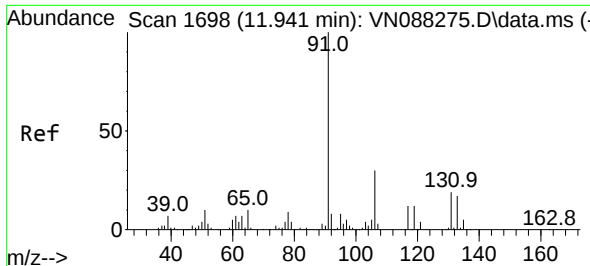
Tgt Ion: 98 Resp: 336421  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.6 77.4



#64  
Chlorobenzene  
Concen: 20.890 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 112 Resp: 173548  
Ion Ratio Lower Upper  
112 100  
114 34.4 25.0 37.4

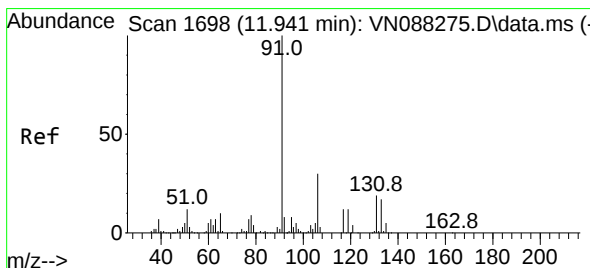
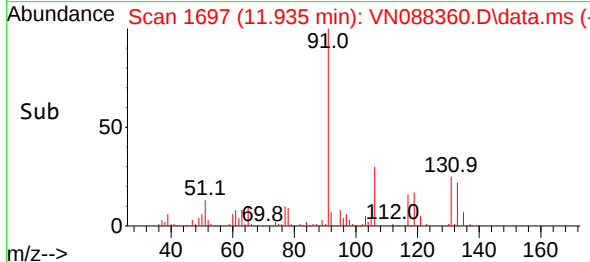
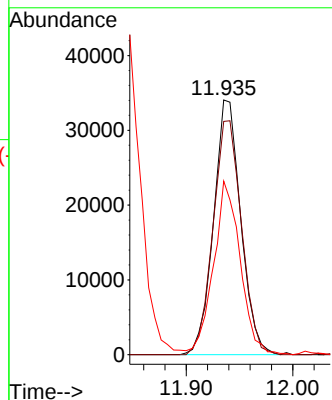
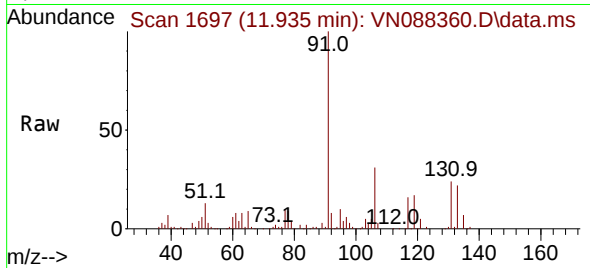




#65  
1,1,1,2-Tetrachloroethane  
Concen: 21.229 ug/l  
RT: 11.935 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

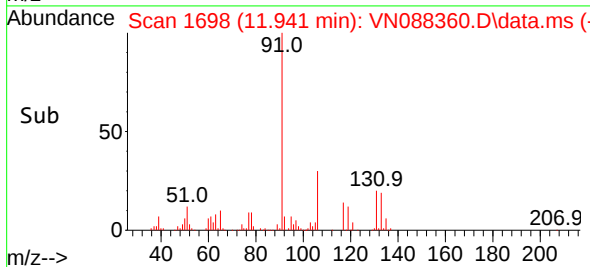
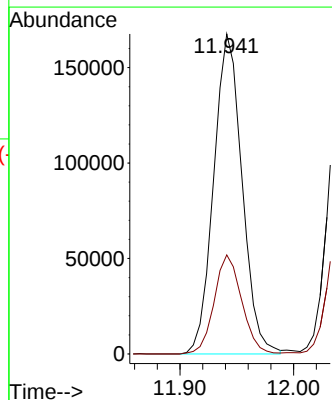
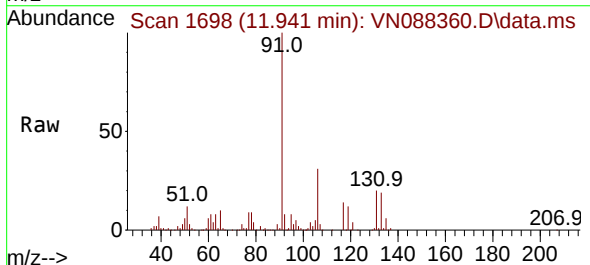
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

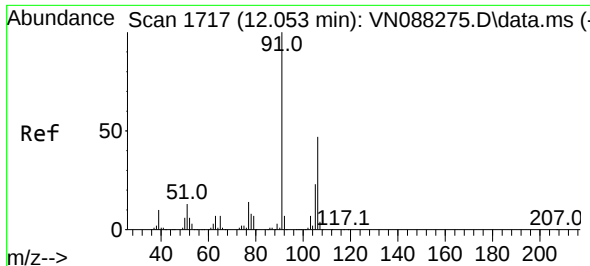
Tgt Ion:131 Resp: 60366  
Ion Ratio Lower Upper  
131 100  
133 96.3 0.0 181.4  
119 67.0 0.0 135.0



#66  
Ethyl Benzene  
Concen: 19.675 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 91 Resp: 290884  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.4 36.6

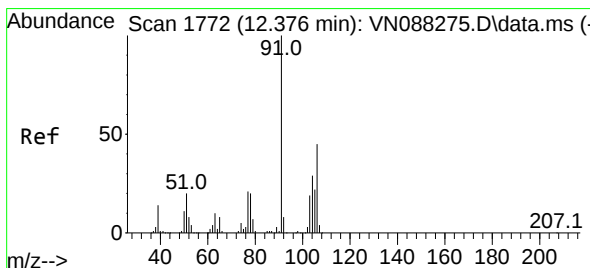
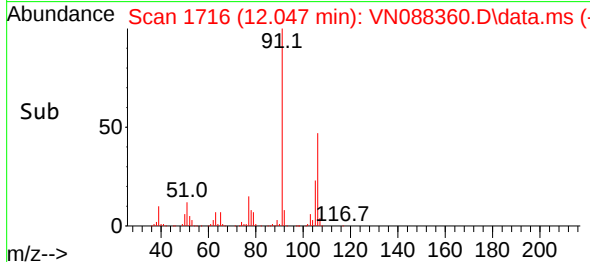
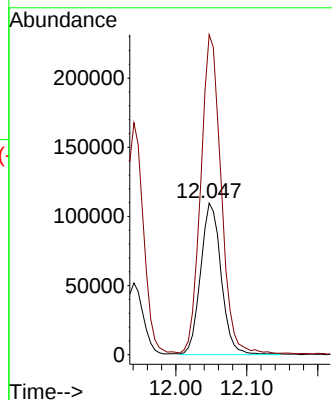
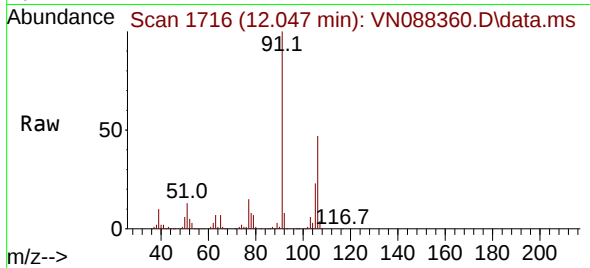




#67  
m/p-Xylenes  
Concen: 40.044 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

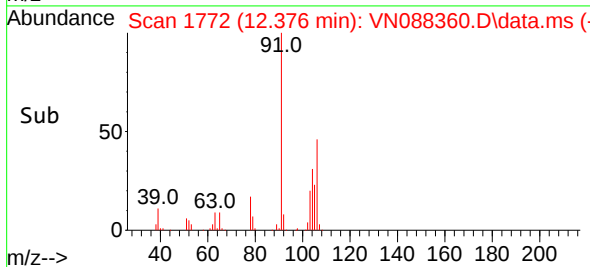
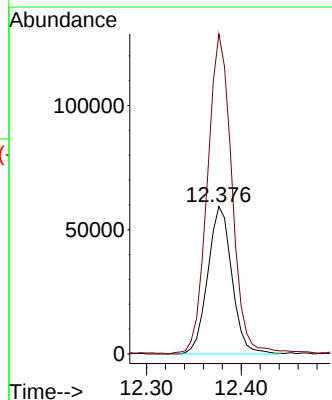
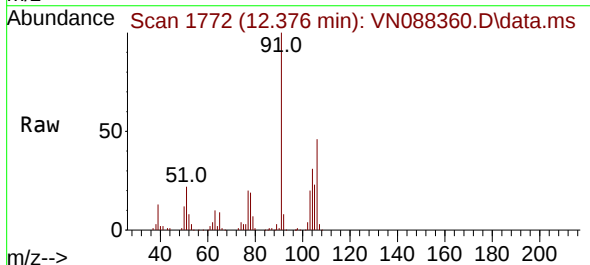
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

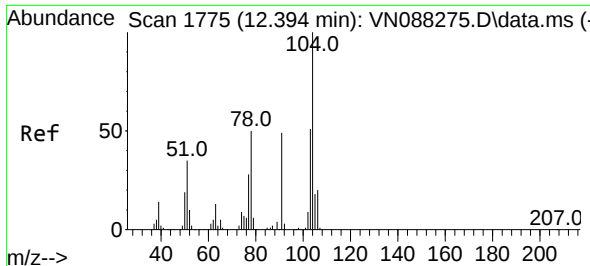
Tgt Ion:106 Resp: 221392  
Ion Ratio Lower Upper  
106 100  
91 209.7 168.3 252.5



#68  
o-Xylene  
Concen: 20.115 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion:106 Resp: 104910  
Ion Ratio Lower Upper  
106 100  
91 222.0 114.0 342.0

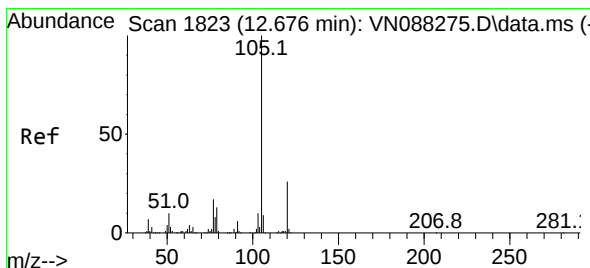
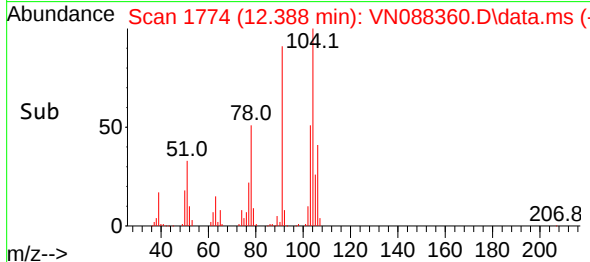
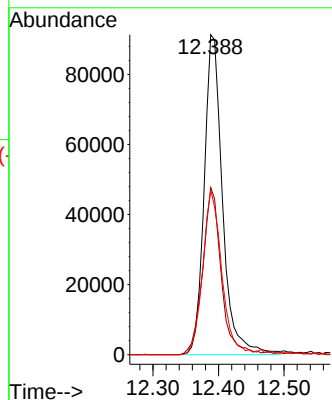
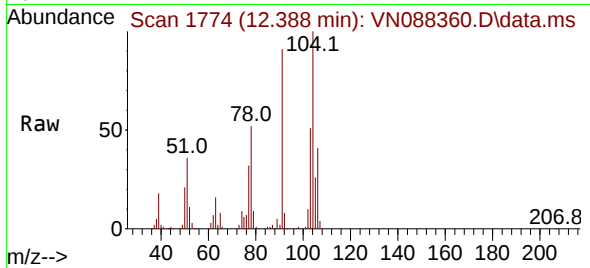




#69  
Styrene  
Concen: 20.152 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

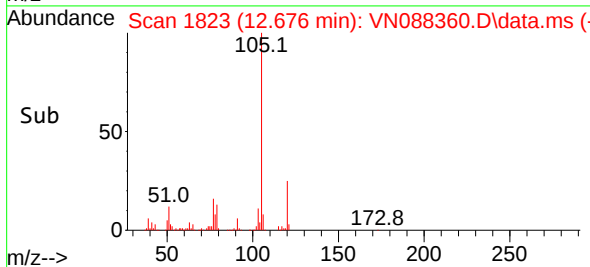
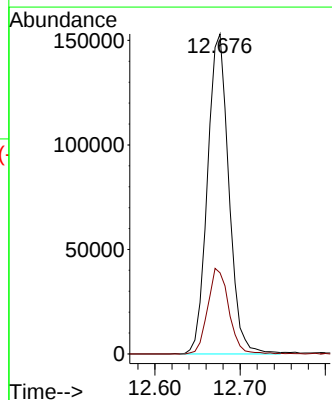
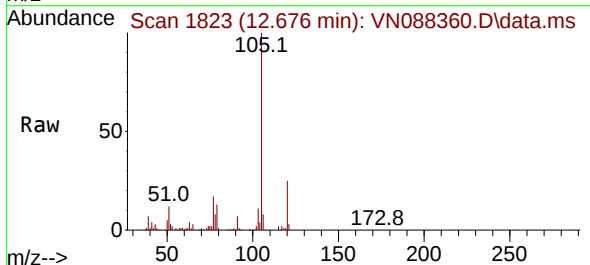
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

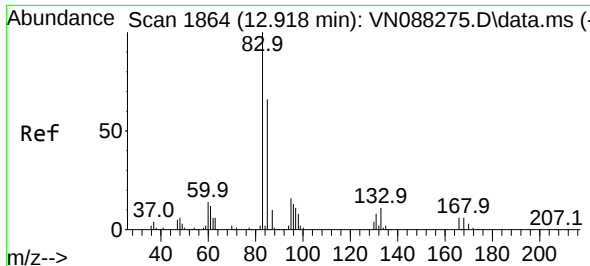
Tgt Ion:104 Resp: 178508  
Ion Ratio Lower Upper  
104 100  
78 52.5 43.8 65.8  
103 52.5 44.8 67.2



#70  
Isopropylbenzene  
Concen: 19.262 ug/l  
RT: 12.676 min Scan# 1823  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion:105 Resp: 266241  
Ion Ratio Lower Upper  
105 100  
120 26.4 18.2 33.8

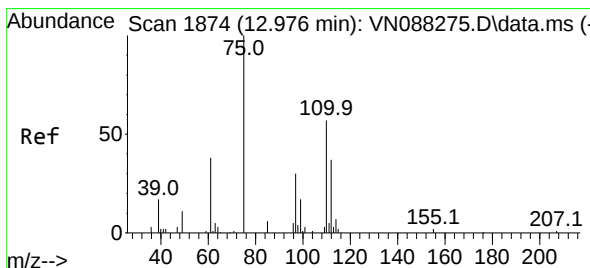
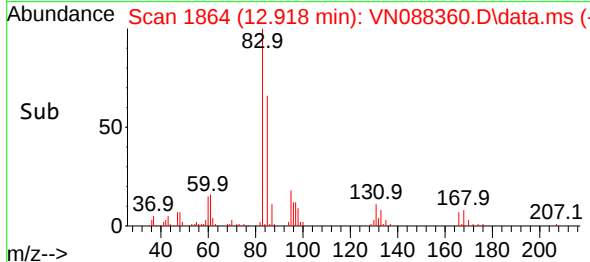
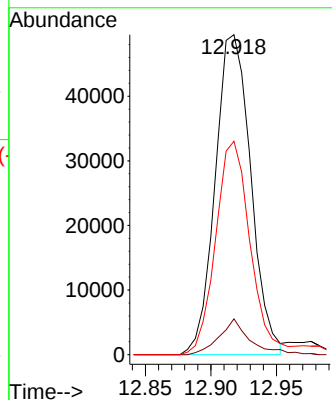
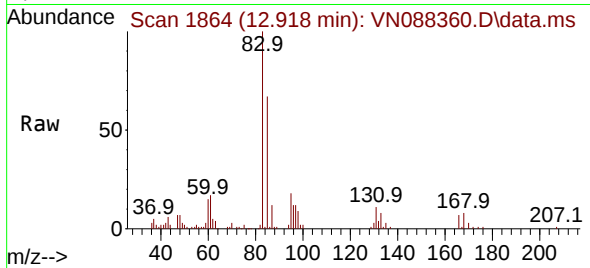




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.864 ug/l  
RT: 12.918 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

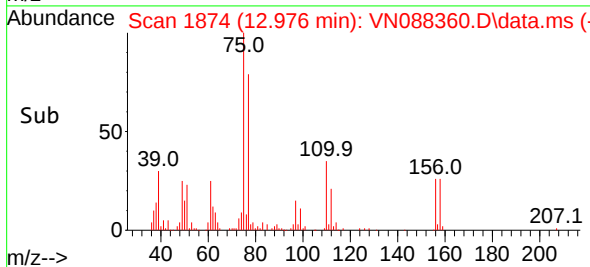
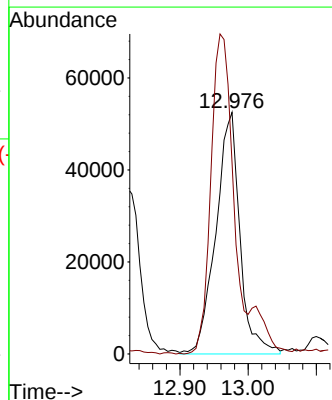
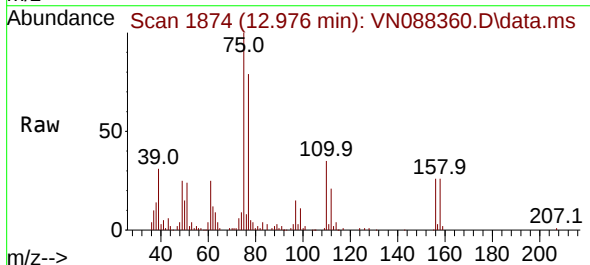
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MSVOA\_N  
ClientSampleId :  
EFF-WWMS

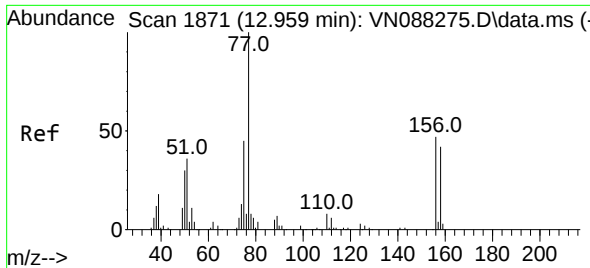
Tgt Ion: 83 Resp: 93412  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.3 12.9  
85 64.6 32.4 97.2



#72  
1,2,3-Trichloropropane  
Concen: 29.793 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 75 Resp: 129228  
Ion Ratio Lower Upper  
75 100  
77 121.3 0.0 386.6

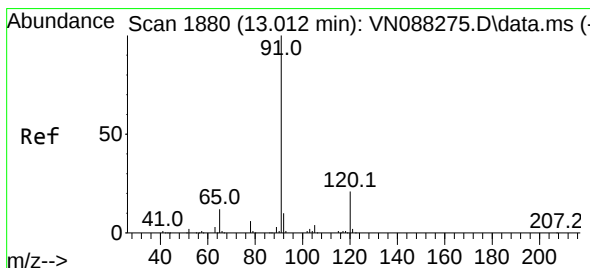
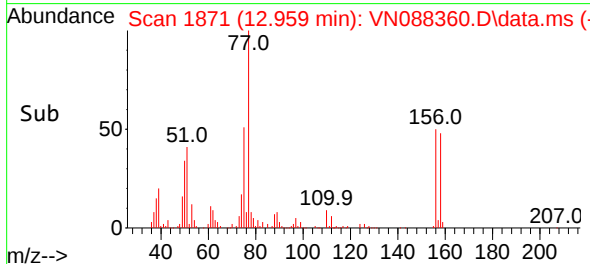
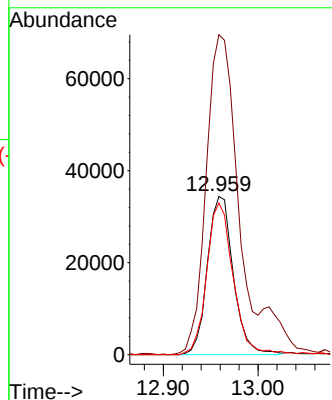
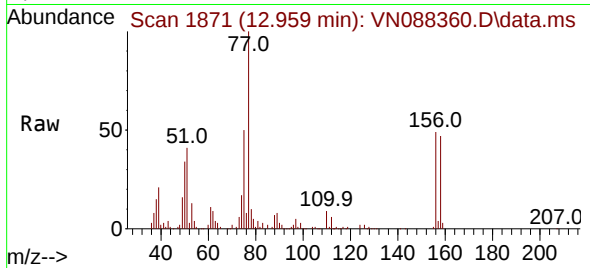




#73  
Bromobenzene  
Concen: 20.913 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

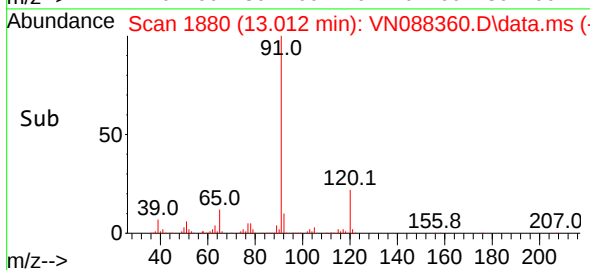
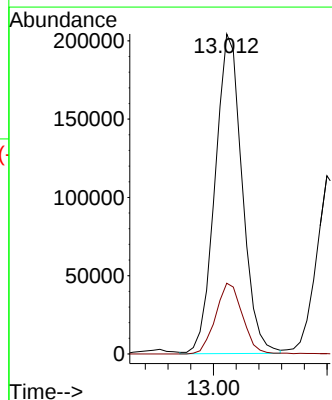
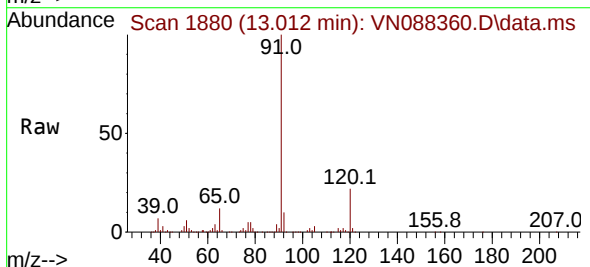
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

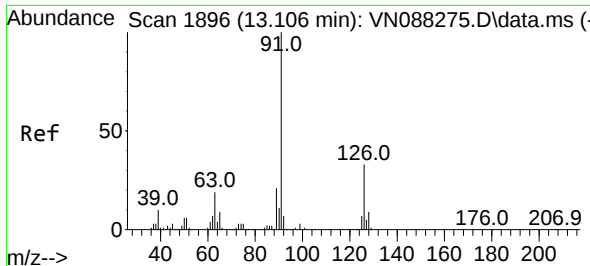
Tgt Ion:156 Resp: 65258  
Ion Ratio Lower Upper  
156 100  
77 240.1 0.0 493.4  
158 96.1 0.0 193.4



#74  
n-propylbenzene  
Concen: 19.782 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 91 Resp: 338382  
Ion Ratio Lower Upper  
91 100  
120 21.8 0.0 43.2

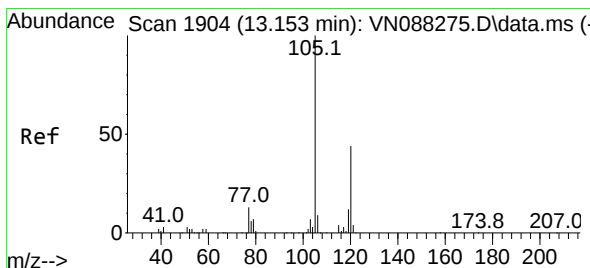
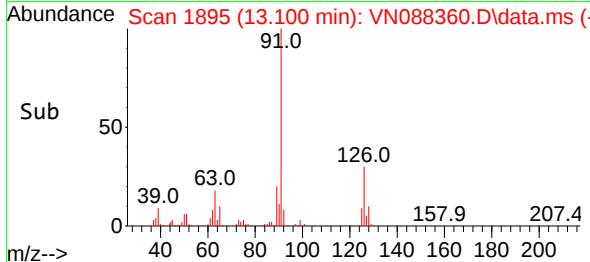
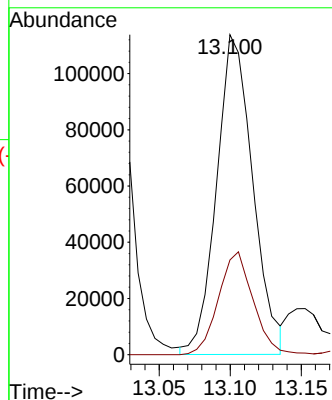
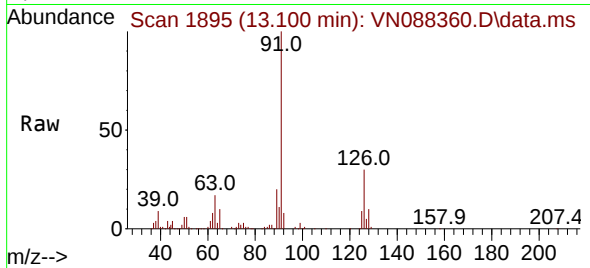




#75  
2-Chlorotoluene  
Concen: 19.388 ug/l  
RT: 13.100 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

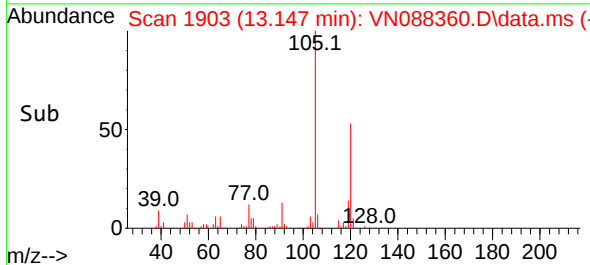
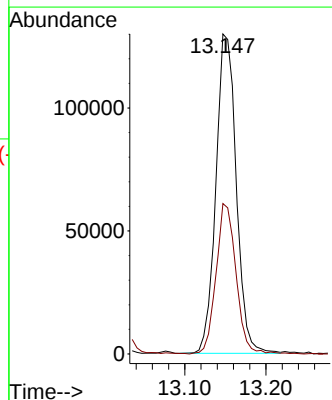
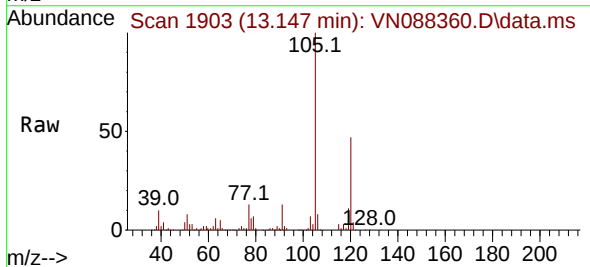
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

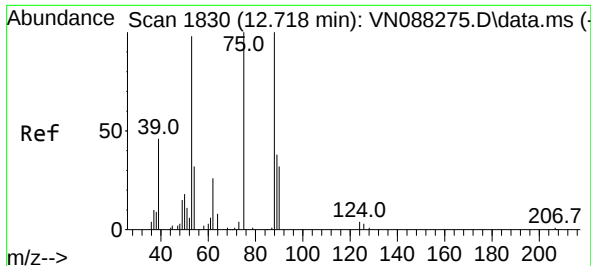
Tgt Ion: 91 Resp: 201658  
Ion Ratio Lower Upper  
91 100  
126 30.9 0.0 62.0



#76  
1,3,5-Trimethylbenzene  
Concen: 19.514 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 105 Resp: 226409  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 94.6

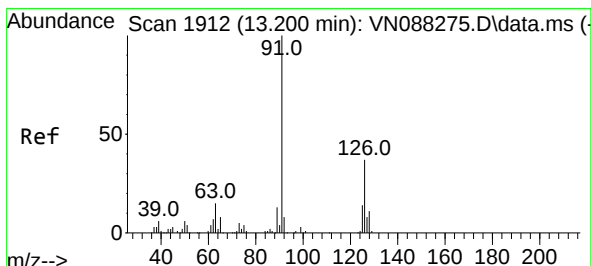
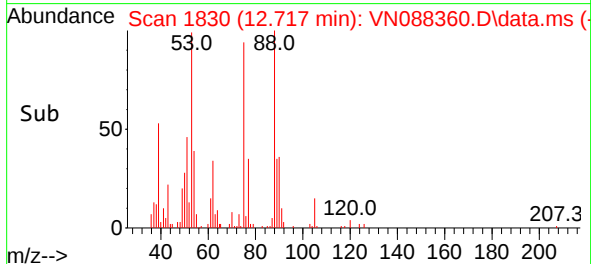
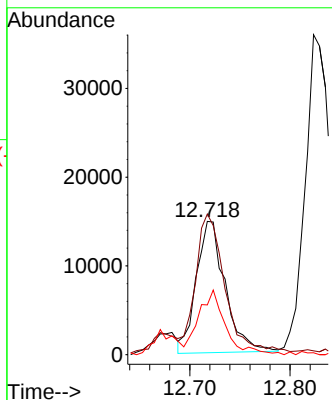
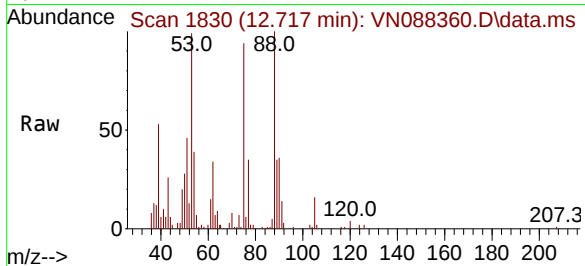




#77  
t-1,4-Dichloro-2-butene  
Concen: 19.893 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

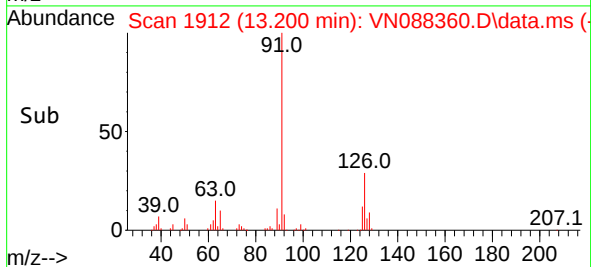
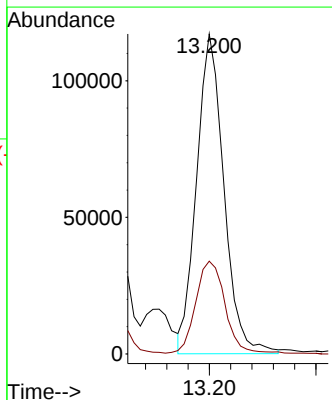
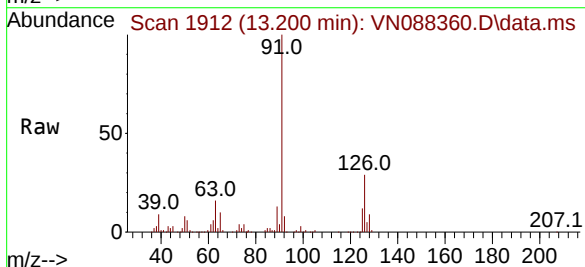
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

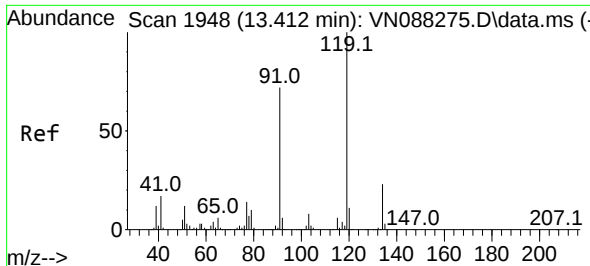
Tgt Ion: 75 Resp: 29632  
Ion Ratio Lower Upper  
75 100  
53 105.1 50.0 150.0  
89 37.1 22.3 66.9



#78  
4-Chlorotoluene  
Concen: 19.796 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 91 Resp: 208650  
Ion Ratio Lower Upper  
91 100  
126 30.4 0.0 60.8

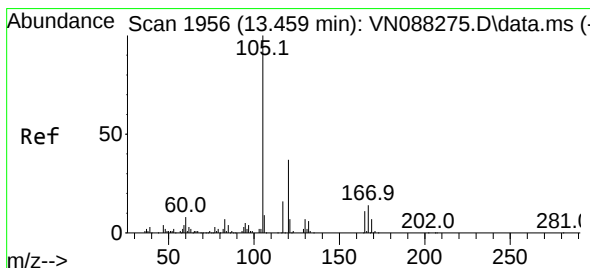
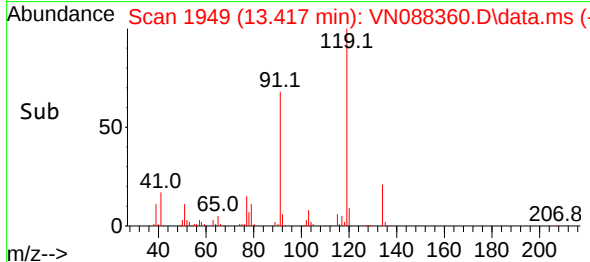
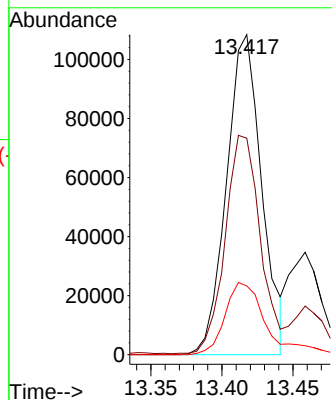
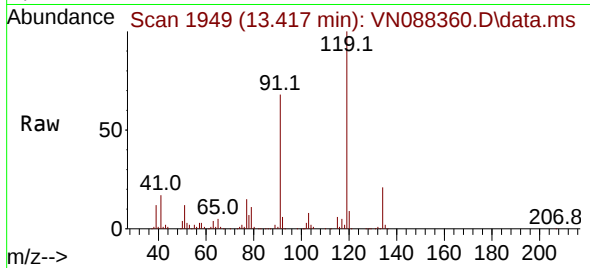




#79  
tert-butylbenzene  
Concen: 18.806 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

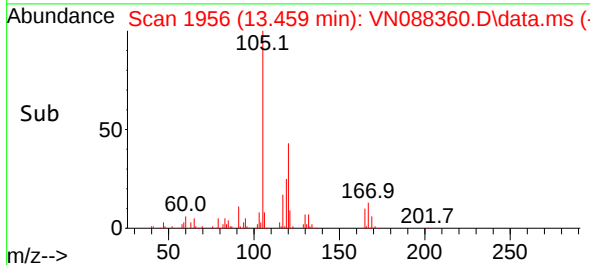
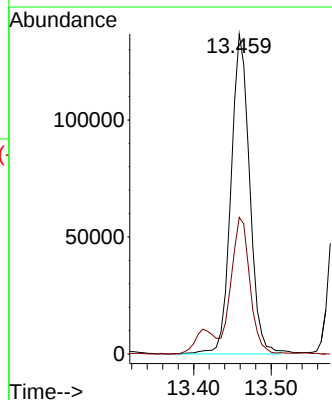
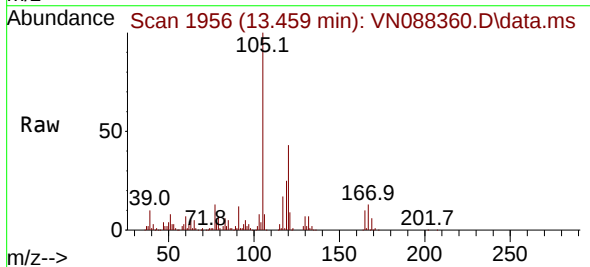
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

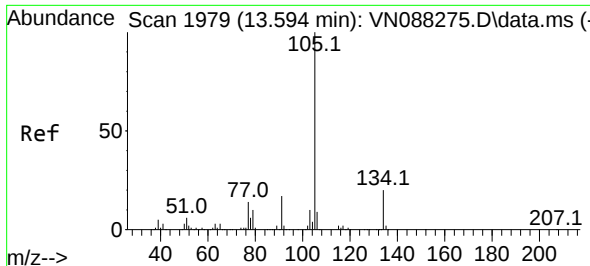
Tgt Ion:119 Resp: 186804  
Ion Ratio Lower Upper  
119 100  
91 68.2 0.0 140.8  
134 23.4 0.0 48.4



#80  
1,2,4-Trimethylbenzene  
Concen: 19.815 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion:105 Resp: 228610  
Ion Ratio Lower Upper  
105 100  
120 42.5 0.0 89.2

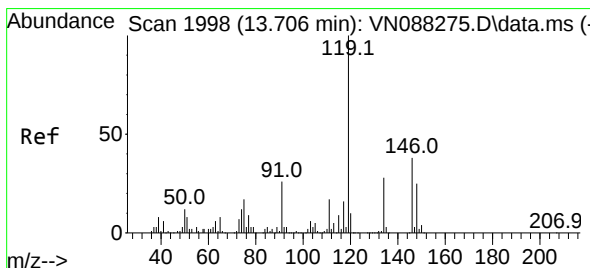
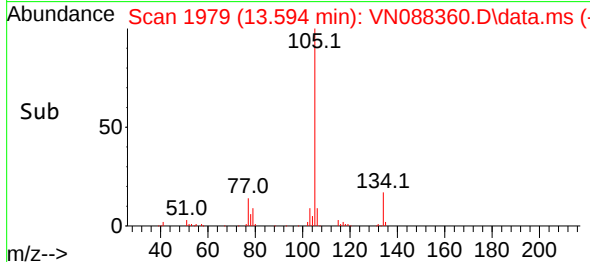
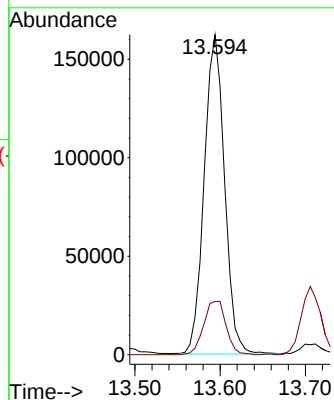
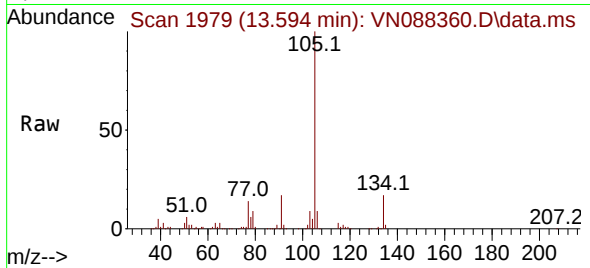




#81  
 sec-Butylbenzene  
 Concen: 18.568 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

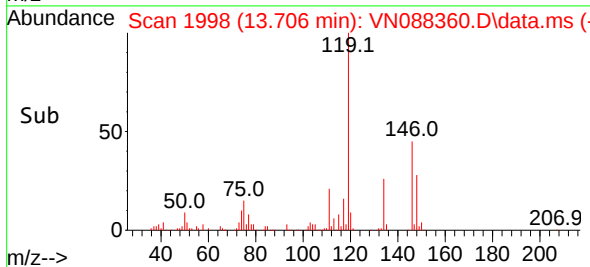
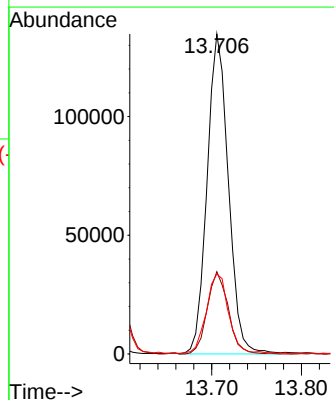
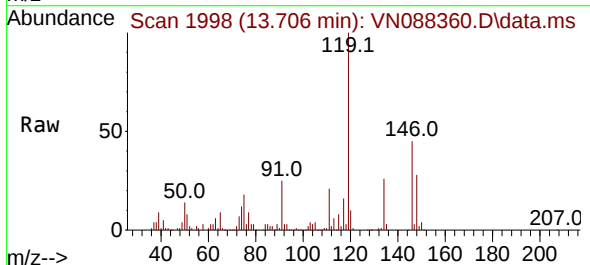
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WWMS

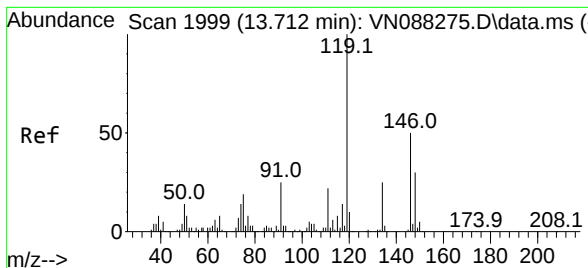
Tgt Ion:105 Resp: 269015  
 Ion Ratio Lower Upper  
 105 100  
 134 18.5 0.0 38.4



#82  
 p-Isopropyltoluene  
 Concen: 18.538 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN088360.D  
 Acq: 25 Nov 2025 14:06

Tgt Ion:119 Resp: 221934  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 0.0 51.2  
 91 25.6 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 20.185 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

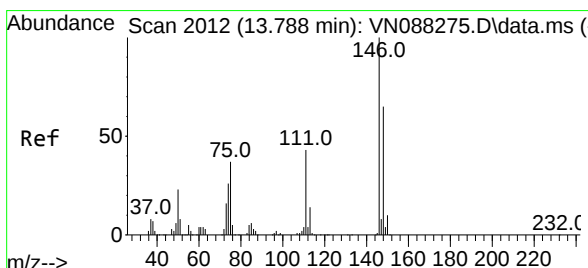
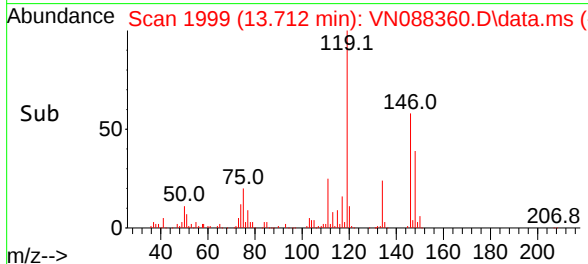
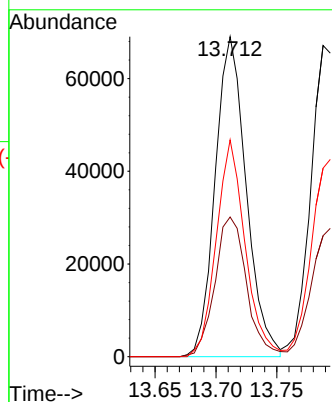
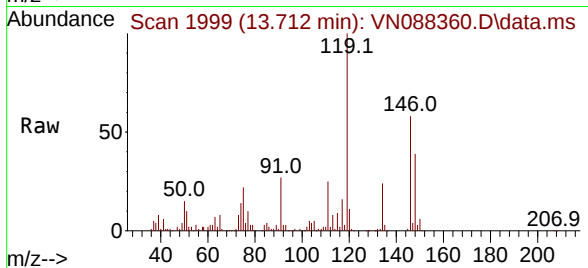
Tgt Ion:146 Resp: 122376

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.5

148 63.1 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

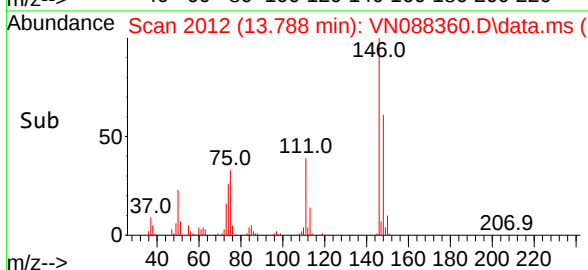
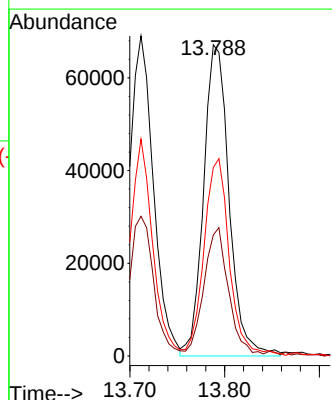
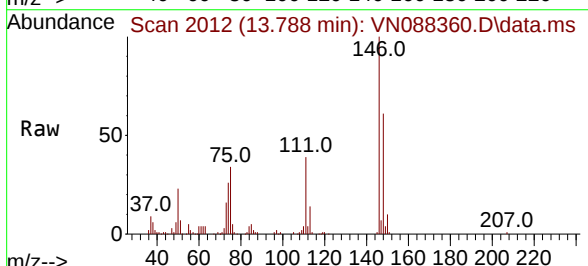
Tgt Ion:146 Resp: 126160

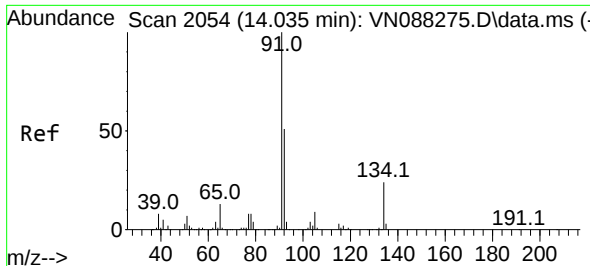
Ion Ratio Lower Upper

146 100

111 39.8 21.8 65.3

148 63.3 31.9 95.5

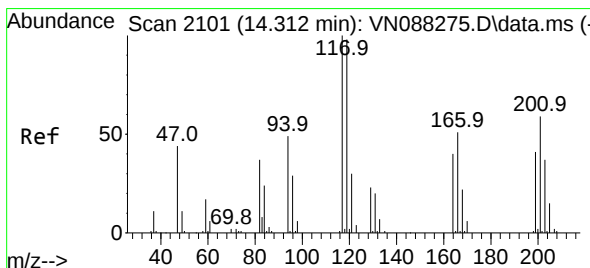
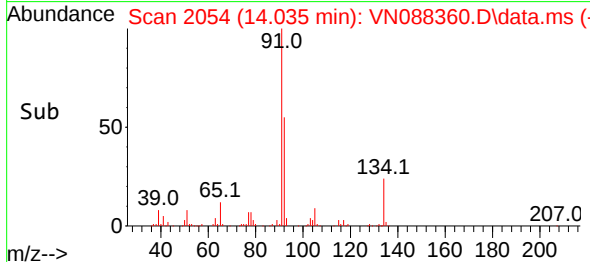
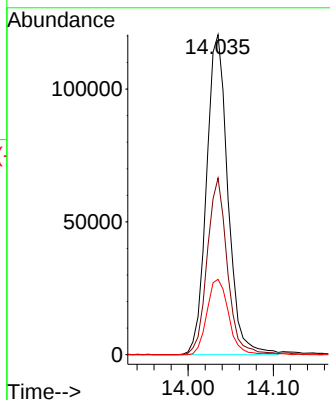
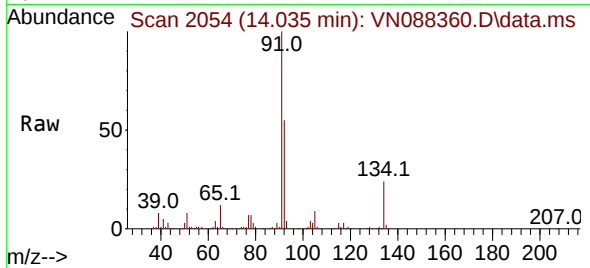




#85  
n-Butylbenzene  
Concen: 18.440 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

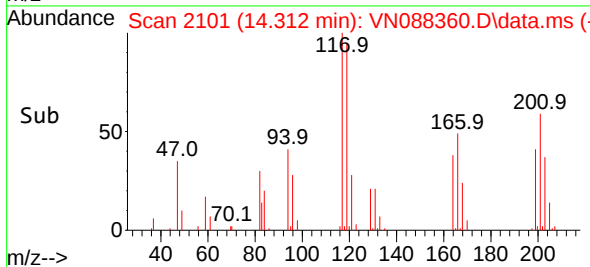
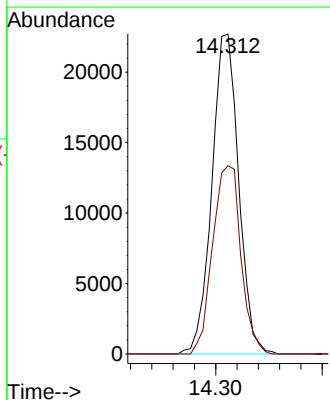
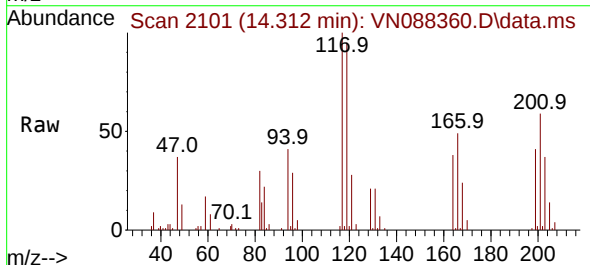
Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WWMS

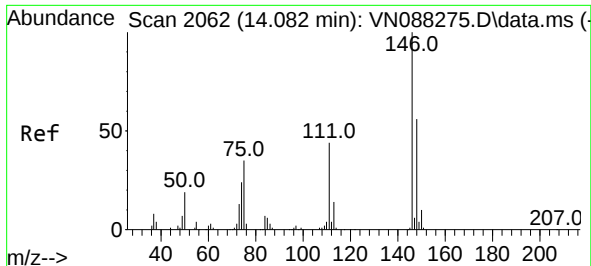
Tgt Ion: 91 Resp: 210401  
Ion Ratio Lower Upper  
91 100  
92 52.0 0.0 102.4  
134 23.6 0.0 45.8



#86  
Hexachloroethane  
Concen: 17.276 ug/l  
RT: 14.312 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: VN088360.D  
Acq: 25 Nov 2025 14:06

Tgt Ion: 117 Resp: 39601  
Ion Ratio Lower Upper  
117 100  
201 62.1 30.6 92.0





#87

1,2-Dichlorobenzene

Concen: 19.784 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

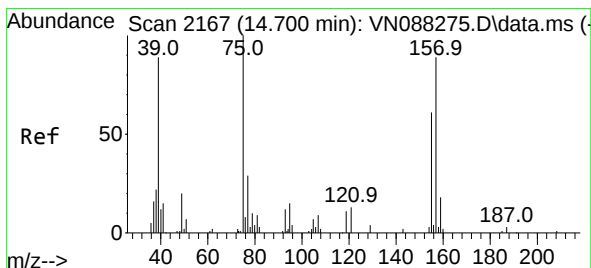
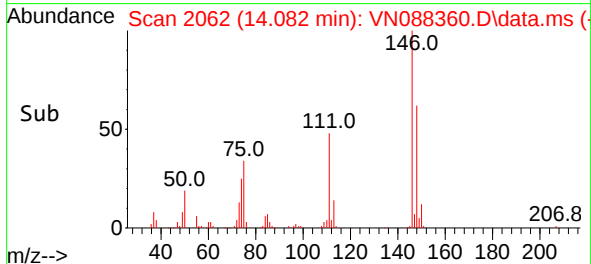
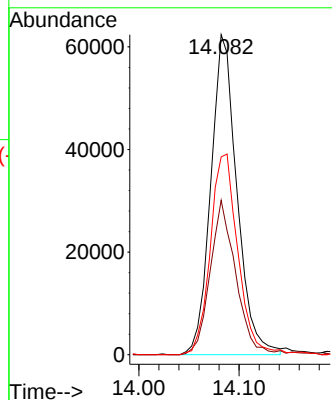
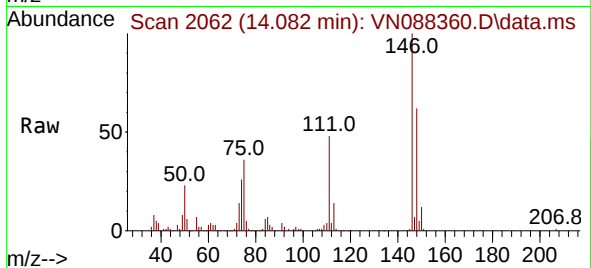
Tgt Ion:146 Resp: 113216

Ion Ratio Lower Upper

146 100

111 46.9 23.0 69.0

148 66.1 31.1 93.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.930 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

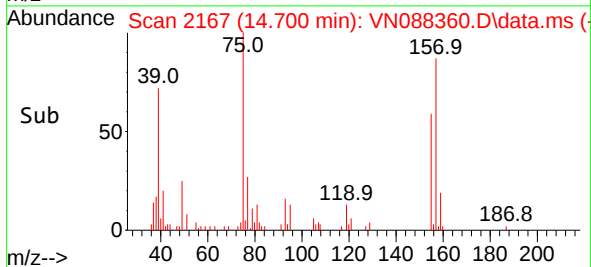
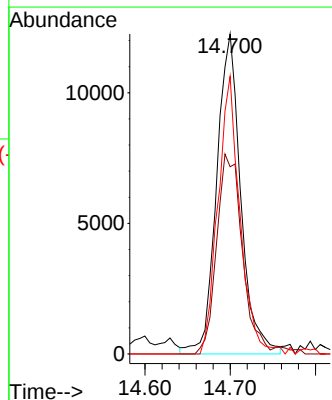
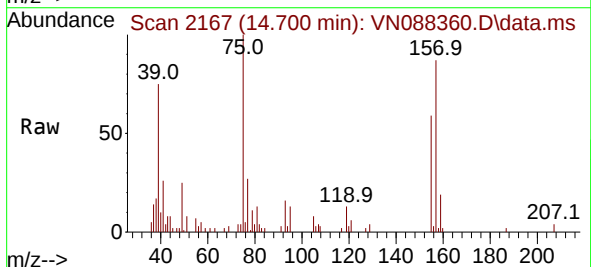
Tgt Ion: 75 Resp: 24131

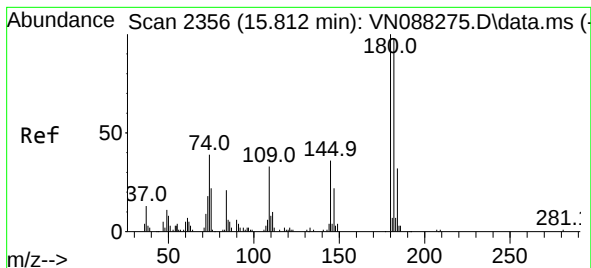
Ion Ratio Lower Upper

75 100

155 65.9 54.8 82.2

157 78.5 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 20.346 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

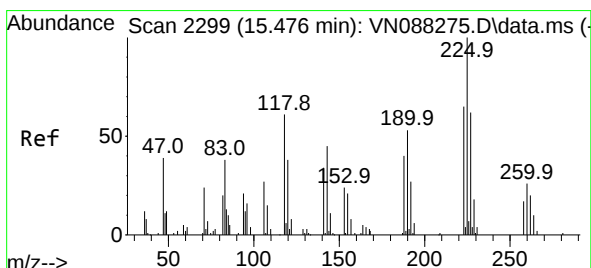
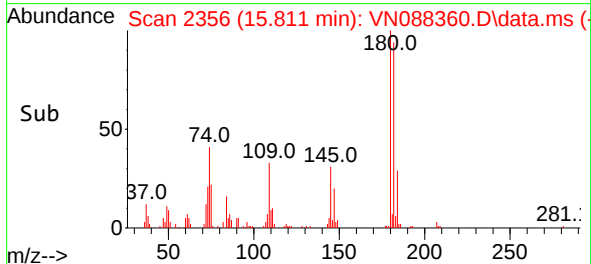
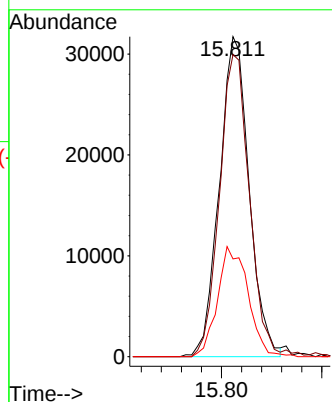
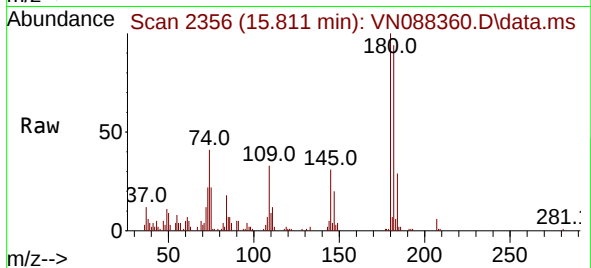
Tgt Ion:180 Resp: 65336

Ion Ratio Lower Upper

180 100

182 94.1 77.3 115.9

145 35.0 30.2 45.4



#90

Hexachlorobutadiene

Concen: 20.648 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

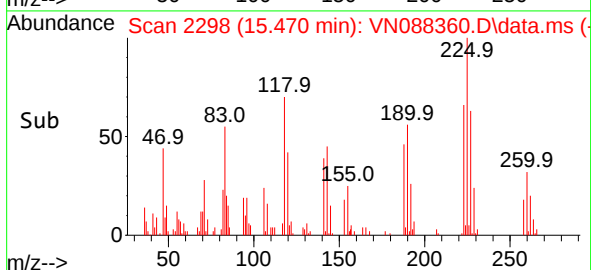
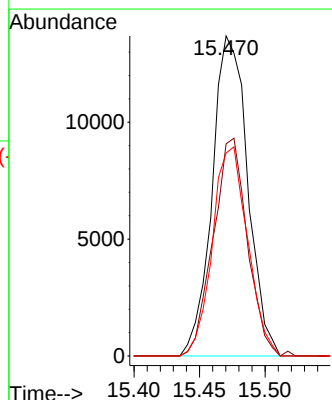
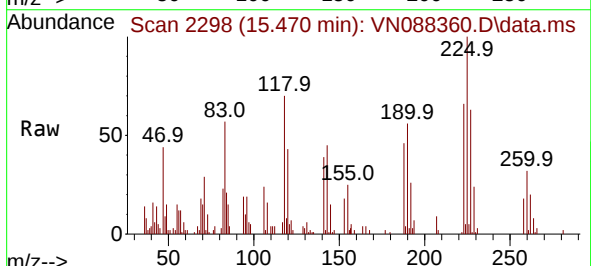
Tgt Ion:225 Resp: 25750

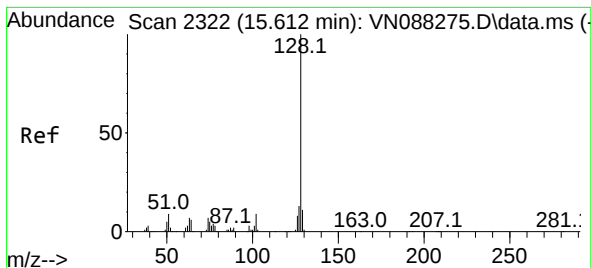
Ion Ratio Lower Upper

225 100

223 65.2 0.0 132.0

227 64.8 0.0 132.6





#91

Naphthalene

Concen: 21.171 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Instrument :

MSVOA\_N

ClientSampleId :

EFF-WWMS

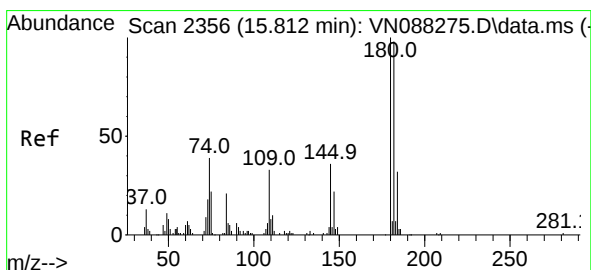
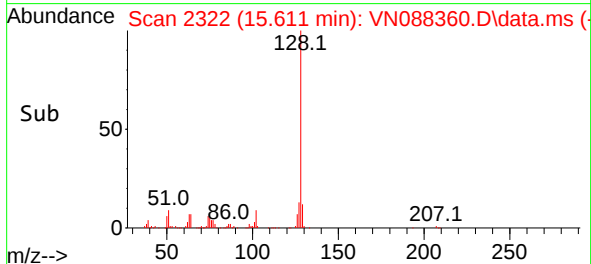
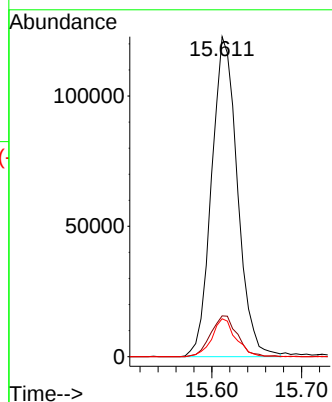
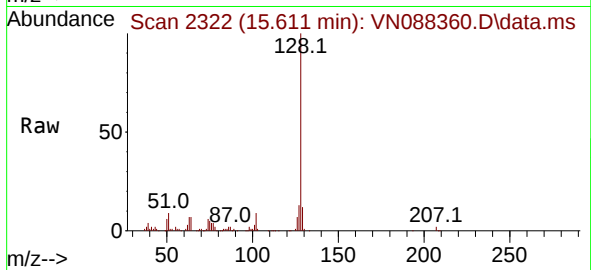
Tgt Ion:128 Resp: 245996

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 20.346 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088360.D

Acq: 25 Nov 2025 14:06

Tgt Ion:180 Resp: 65336

Ion Ratio Lower Upper

180 100

182 94.1 0.0 193.2

145 35.0 0.0 75.6

