

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
 Data File : VU063483.D  
 Acq On : 11 Jul 2025 08:22  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 12 03:43:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.361  | 168  | 116760   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.238  | 114  | 205232   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.409  | 117  | 183192   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.804 | 152  | 98927    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.692  | 65    | 73540    | 49.365   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.720% |
| 35) Dibromofluoromethane    | 5.277  | 113   | 61606    | 49.799   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.600% |
| 50) Toluene-d8              | 7.888  | 98    | 192150   | 47.650   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.300% |
| 62) 4-Bromofluorobenzene    | 10.624 | 95    | 85257    | 48.335   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 96.680% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.380 | 85  | 43046  | 46.355  | ug/l   | 99  |
| 3) Chloromethane             | 1.515 | 50  | 47404  | 41.911  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.599 | 62  | 58863  | 46.934  | ug/l   | 96  |
| 5) Bromomethane              | 1.840 | 94  | 42139  | 47.957  | ug/l   | 97  |
| 6) Chloroethane              | 1.923 | 64  | 40280  | 44.327  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 2.129 | 101 | 97682  | 48.279  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.370 | 74  | 39776  | 47.173  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 2.570 | 101 | 59268  | 49.526  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.711 | 142 | 62952  | 50.362  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 3.184 | 59  | 133884 | 268.046 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.570 | 96  | 52692  | 47.301  | ug/l   | 97  |
| 13) Acrolein                 | 2.480 | 56  | 17396  | 246.747 | ug/l   | 93  |
| 14) Allyl chloride           | 2.910 | 41  | 125391 | 47.288  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.303 | 53  | 287459 | 268.681 | ug/l   | 98  |
| 16) Acetone                  | 2.618 | 43  | 347221 | 277.852 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.779 | 76  | 105229 | 39.516  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.939 | 43  | 172294 | 53.574  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.357 | 73  | 237724 | 49.482  | ug/l   | 98  |
| 20) Methylene Chloride       | 3.029 | 84  | 67323  | 36.948  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.335 | 96  | 54527  | 45.560  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.988 | 45  | 217418 | 48.155  | ug/l   | 99  |
| 23) Vinyl Acetate            | 3.946 | 43  | 917850 | 261.995 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.849 | 63  | 127374 | 49.709  | ug/l   | 99  |
| 25) 2-Butanone               | 4.698 | 43  | 398728 | 284.224 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 4.647 | 77  | 113487 | 50.907  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 4.650 | 96  | 77821  | 49.262  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.959 | 49  | 72025  | 59.838  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 5.045 | 42  | 235619 | 266.252 | ug/l   | 99  |
| 30) Chloroform               | 5.074 | 83  | 138123 | 51.056  | ug/l   | 99  |
| 31) Cyclohexane              | 5.370 | 56  | 92538  | 44.924  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.299 | 97  | 115598 | 50.184  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 5.512 | 75  | 80313  | 47.778  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.801 | 43  | 125102 | 45.954  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.508 | 117 | 90578  | 48.905  | ug/l   | 96  |
| 39) Methylcyclohexane        | 6.750 | 83  | 90485  | 44.550  | ug/l   | 96  |
| 40) Benzene                  | 5.759 | 78  | 257526 | 49.056  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U071125\  
 Data File : U063483.D  
 Acq On : 11 Jul 2025 08:22  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 12 03:43:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.965  | 41   | 68331    | 53.195   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.782  | 62   | 104442   | 52.910   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.907  | 43   | 188985   | 52.264   | ug/l   | 99       |
| 44) Trichloroethene           | 6.531  | 130  | 69152    | 49.223   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 6.779  | 63   | 74076    | 50.759   | ug/l   | 98       |
| 46) Dibromomethane            | 6.907  | 93   | 54594    | 52.578   | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.094  | 83   | 109119   | 50.540   | ug/l   | 96       |
| 48) Methyl methacrylate       | 6.955  | 41   | 87487    | 52.348   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.959  | 88   | 42587    | 1161.243 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 7.782  | 43   | 690883   | 263.979  | ug/l   | 99       |
| 52) Toluene                   | 7.959  | 92   | 168861   | 49.177   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.200  | 75   | 98779    | 52.282   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.598  | 75   | 112829   | 53.347   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.389  | 97   | 74138    | 50.841   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 8.325  | 69   | 116882   | 49.688   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.566  | 76   | 121334   | 50.478   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.463  | 63   | 6536     | 267.580  | ug/l # | 86       |
| 59) 2-Hexanone                | 8.676  | 43   | 520104   | 262.740  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.798  | 129  | 84803    | 51.913   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.913  | 107  | 71965    | 50.282   | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.544  | 164  | 68005    | 49.867   | ug/l   | 97       |
| 65) Chlorobenzene             | 9.438  | 112  | 199095   | 52.238   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 67551    | 51.680   | ug/l   | 96       |
| 67) Ethyl Benzene             | 9.560  | 91   | 335607   | 51.234   | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.685  | 106  | 254888   | 101.957  | ug/l   | 99       |
| 69) o-Xylene                  | 10.090 | 106  | 129489   | 50.946   | ug/l   | 98       |
| 70) Styrene                   | 10.106 | 104  | 213507   | 52.831   | ug/l   | 99       |
| 71) Bromoform                 | 10.283 | 173  | 60422    | 53.035   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.476 | 105  | 344265   | 51.144   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.312 | 43   | 155610   | 51.549   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 130067   | 52.494   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.814 | 75   | 134962   | 51.485   | ug/l # | 81       |
| 77) Bromobenzene              | 10.775 | 156  | 82853    | 50.214   | ug/l   | 96       |
| 78) n-propylbenzene           | 10.897 | 91   | 396456   | 50.786   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.978 | 91   | 255611   | 52.209   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.077 | 105  | 294861   | 50.082   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.537 | 75   | 27042    | 51.451   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.087 | 91   | 288365   | 51.880   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.409 | 119  | 291180   | 51.571   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 294538   | 50.945   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.634 | 105  | 376432   | 50.525   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.785 | 119  | 314414   | 52.018   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.736 | 146  | 160601   | 50.510   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.827 | 146  | 162198   | 50.035   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.200 | 91   | 284094   | 50.783   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.466 | 117  | 53524    | 52.946   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.203 | 146  | 163363   | 52.689   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 33540    | 57.155   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 100379   | 50.554   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.010 | 225  | 42869    | 50.507   | ug/l   | 98       |
| 95) Naphthalene               | 14.077 | 128  | 314691   | 48.394   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 99731    | 51.109   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
Data File : VU063483.D  
Acq On : 11 Jul 2025 08:22  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 12 03:43:22 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 12 03:41:46 2025  
Response via : Initial Calibration

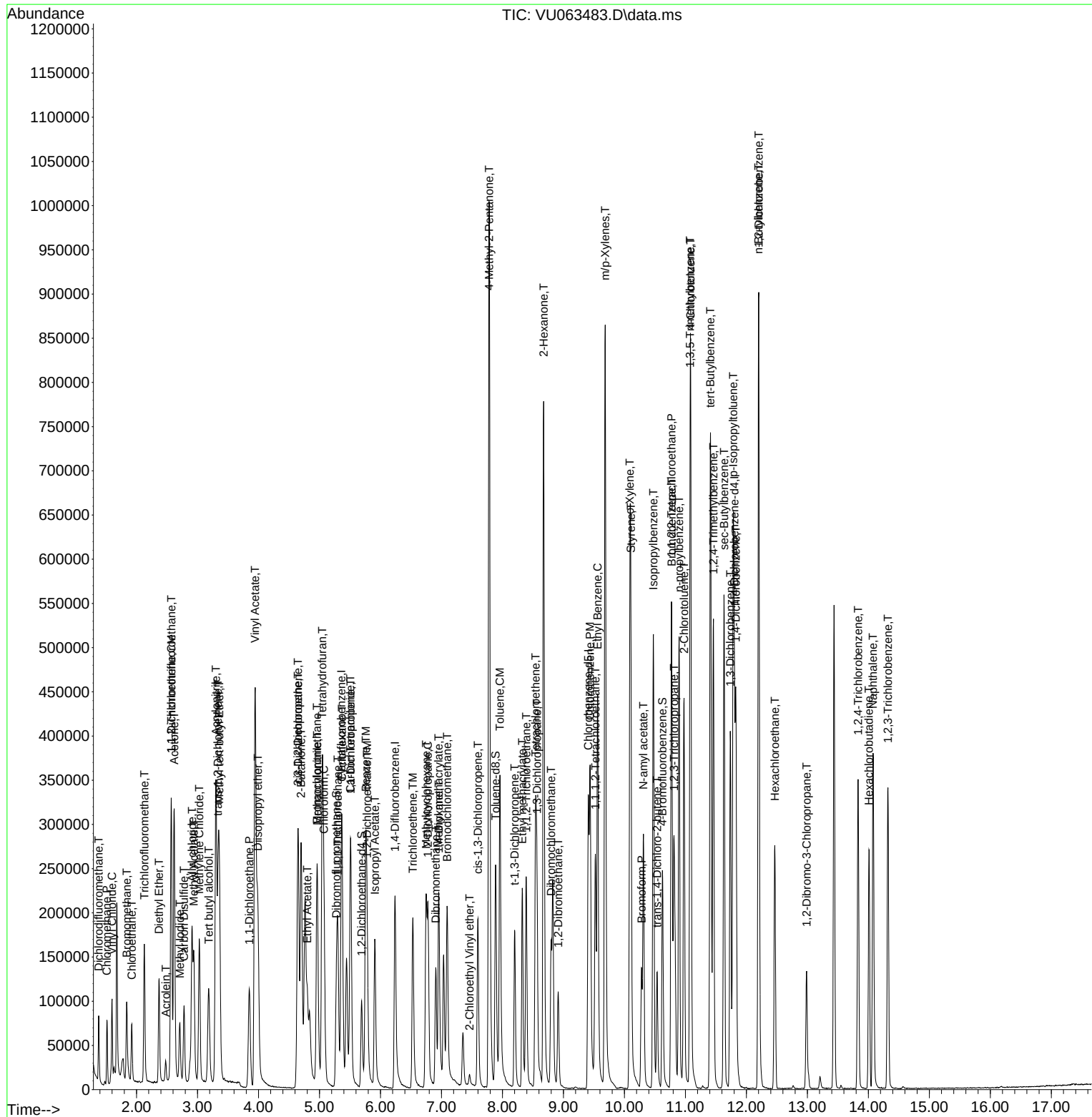
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

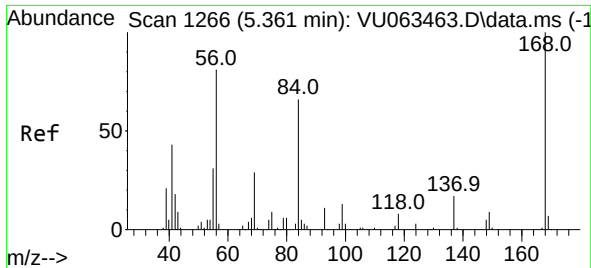
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
Data File : VU063483.D  
Acq On : 11 Jul 2025 08:22  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 12 03:43:22 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 12 03:41:46 2025  
Response via : Initial Calibration

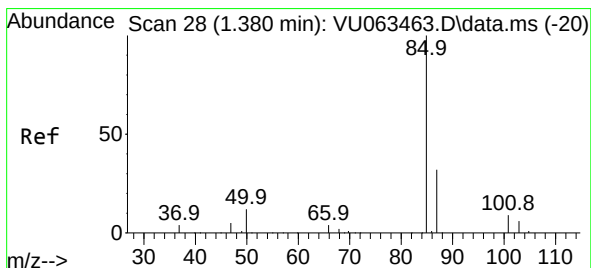
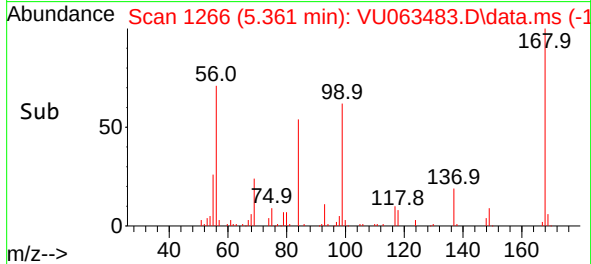
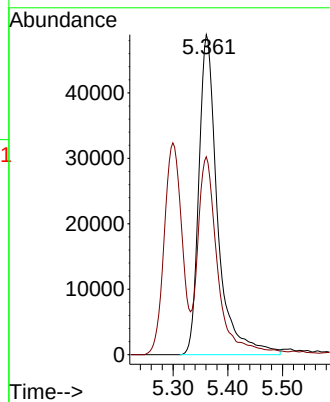
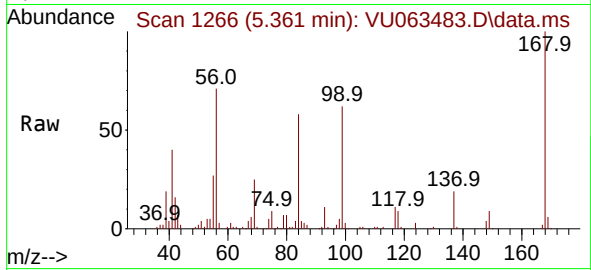




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.361 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

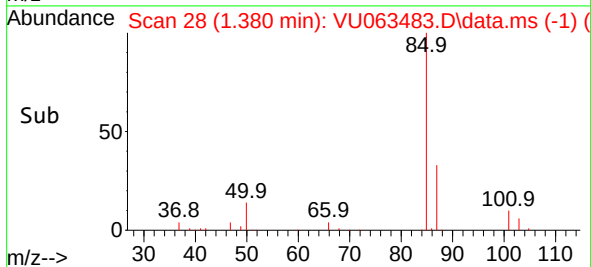
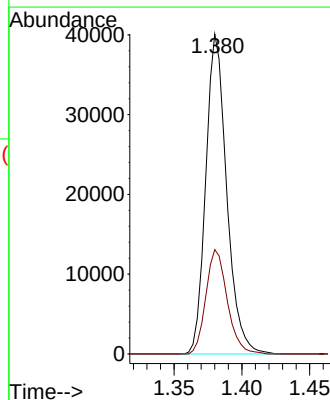
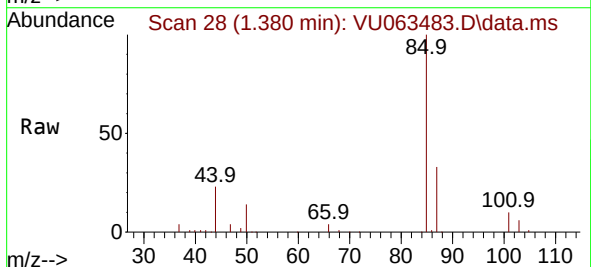
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

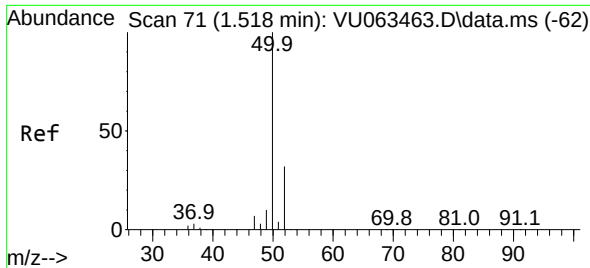
Tgt Ion:168 Resp: 116760  
Ion Ratio Lower Upper  
168 100  
99 60.7 47.7 71.5



#2  
Dichlorodifluoromethane  
Concen: 46.355 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 85 Resp: 43046  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.1 48.2

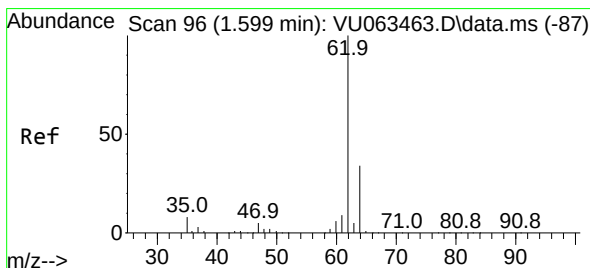
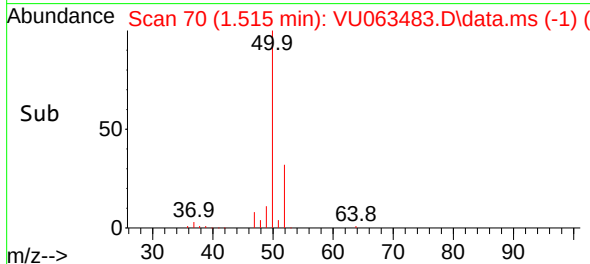
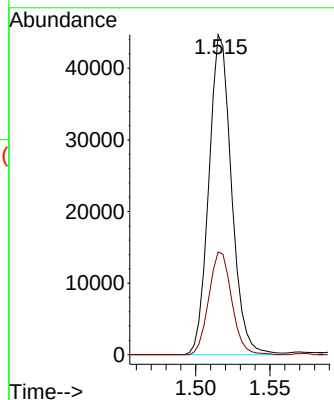
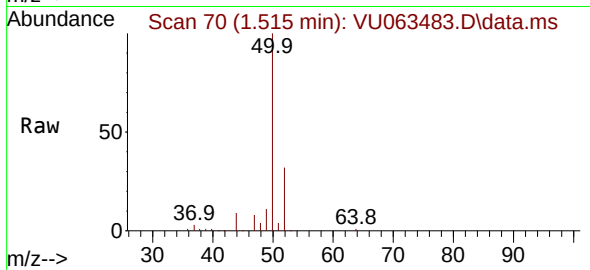




#3  
Chloromethane  
Concen: 41.911 ug/l  
RT: 1.515 min Scan# 70  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

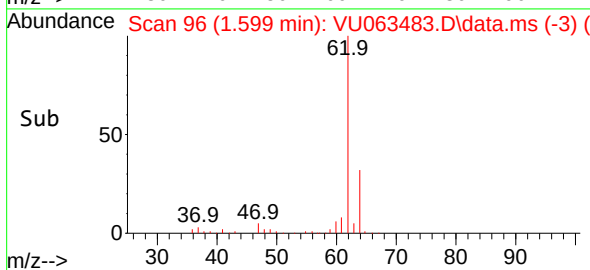
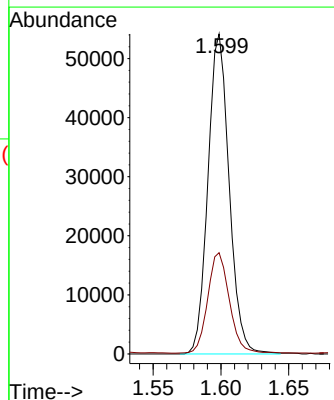
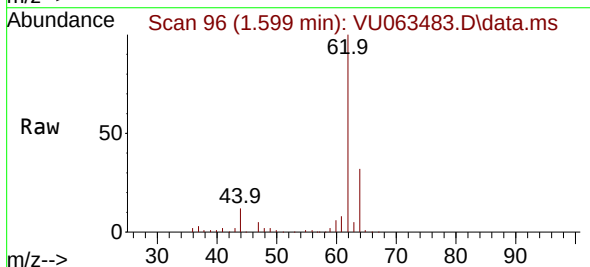
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

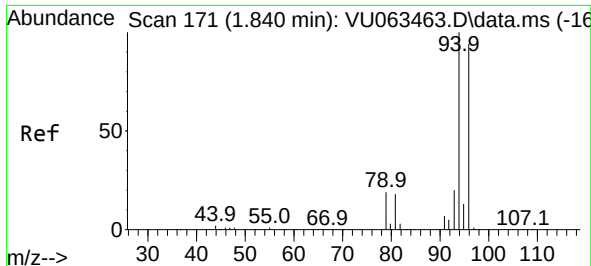
Tgt Ion: 50 Resp: 47404  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.8 38.8



#4  
Vinyl Chloride  
Concen: 46.934 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 62 Resp: 58863  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.9 40.3

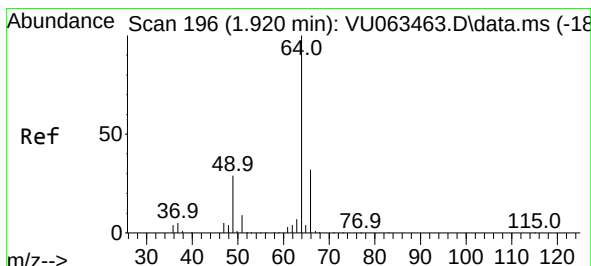
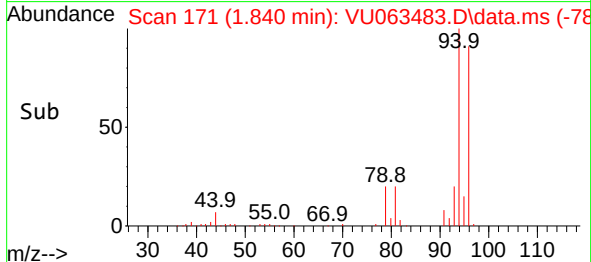
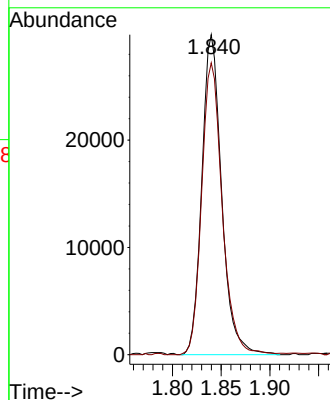
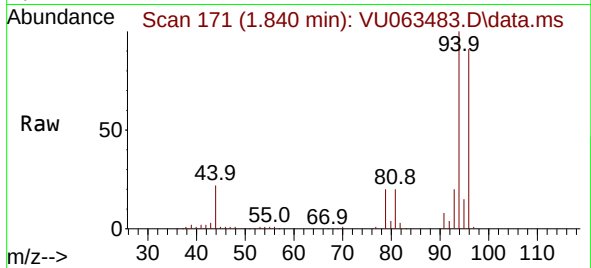




#5  
Bromomethane  
Concen: 47.957 ug/l  
RT: 1.840 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

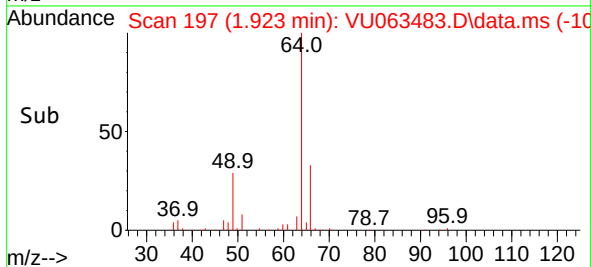
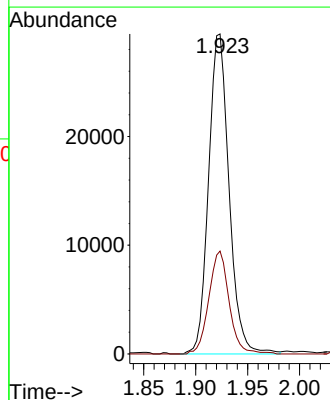
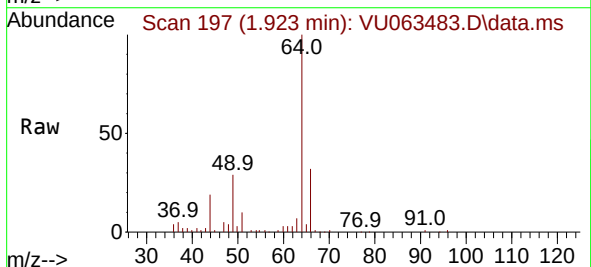
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

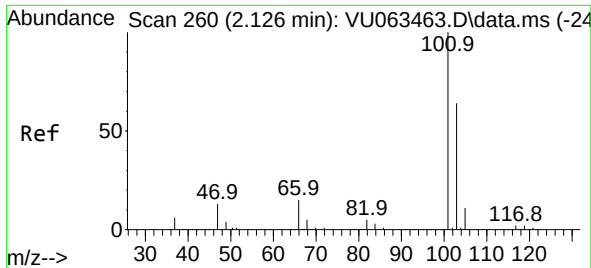
Tgt Ion: 94 Resp: 42139  
Ion Ratio Lower Upper  
94 100  
96 91.2 75.5 113.3



#6  
Chloroethane  
Concen: 44.327 ug/l  
RT: 1.923 min Scan# 197  
Delta R.T. 0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 64 Resp: 40280  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.3 37.9

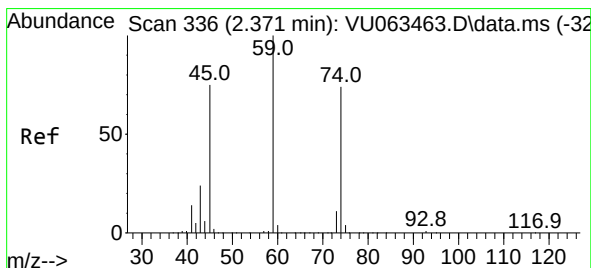
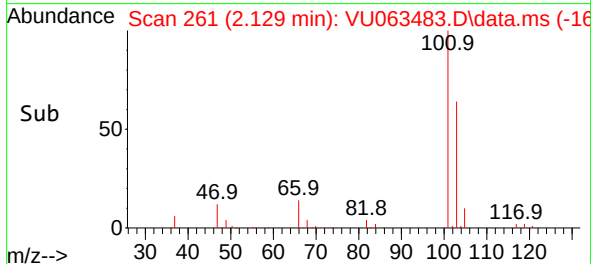
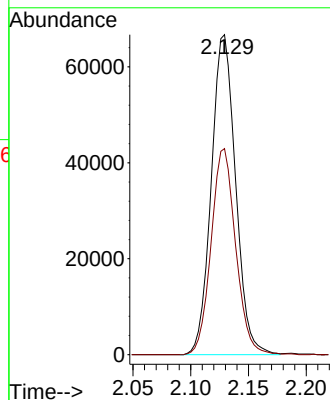
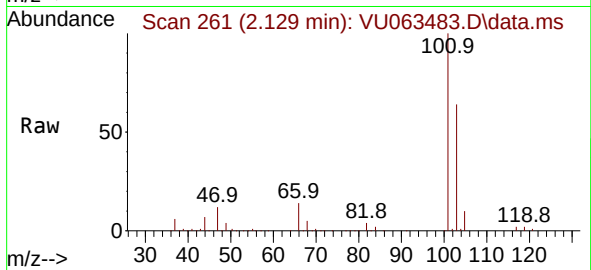




#7  
 Trichlorofluoromethane  
 Concen: 48.279 ug/l  
 RT: 2.129 min Scan# 20  
 Delta R.T. 0.003 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

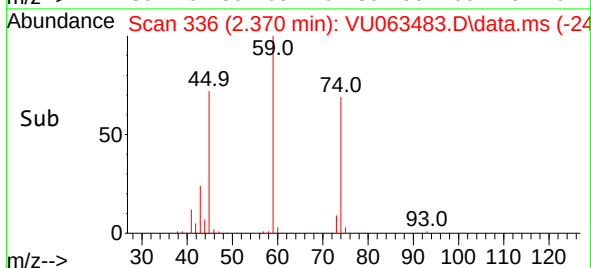
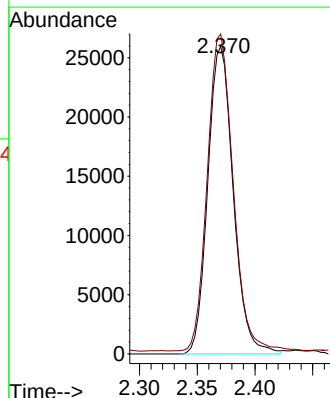
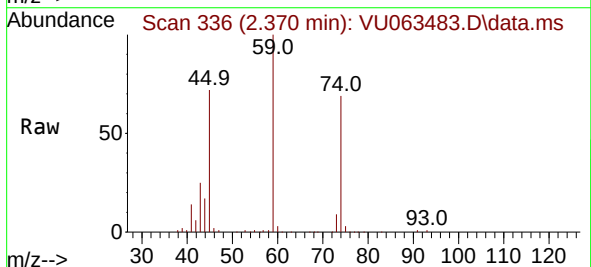
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 97682  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.1 76.7

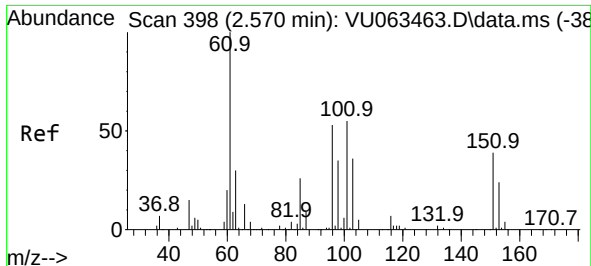


#8  
 Diethyl Ether  
 Concen: 47.173 ug/l  
 RT: 2.370 min Scan# 336  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

Tgt Ion: 74 Resp: 39776  
 Ion Ratio Lower Upper  
 74 100  
 45 104.1 49.7 149.1



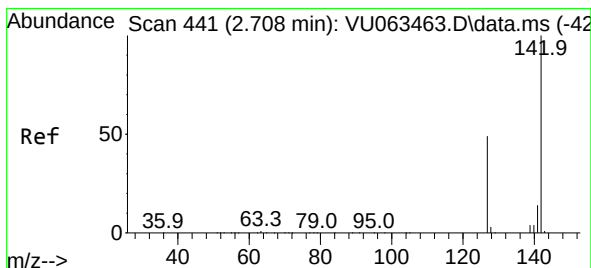
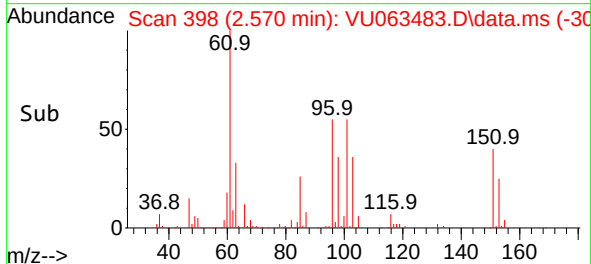
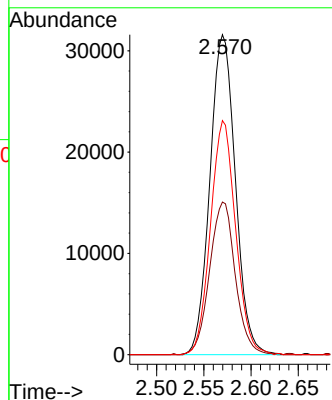
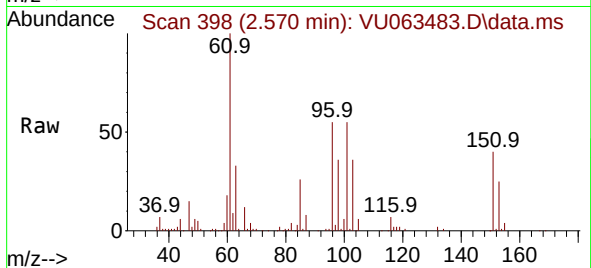




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.526 ug/l  
RT: 2.570 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

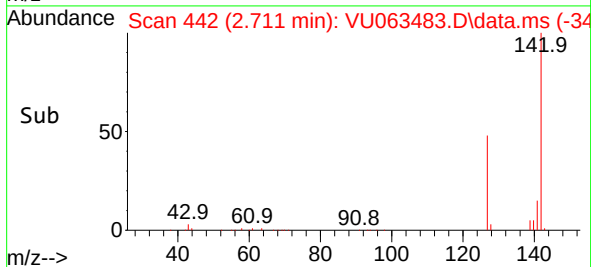
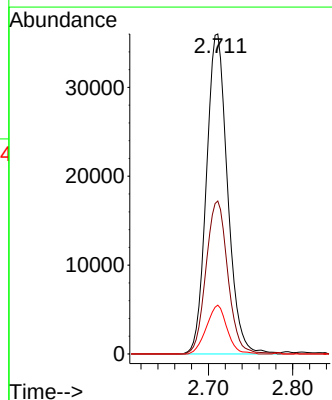
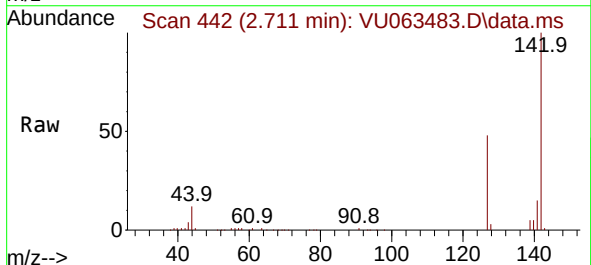
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

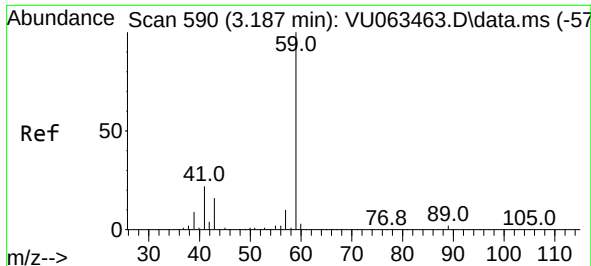
Tgt Ion:101 Resp: 59268  
Ion Ratio Lower Upper  
101 100  
85 48.1 39.6 59.4  
151 72.2 57.2 85.8



#10  
Methyl Iodide  
Concen: 50.362 ug/l  
RT: 2.711 min Scan# 442  
Delta R.T. 0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:142 Resp: 62952  
Ion Ratio Lower Upper  
142 100  
127 49.2 38.2 57.4  
141 14.9 11.1 16.7

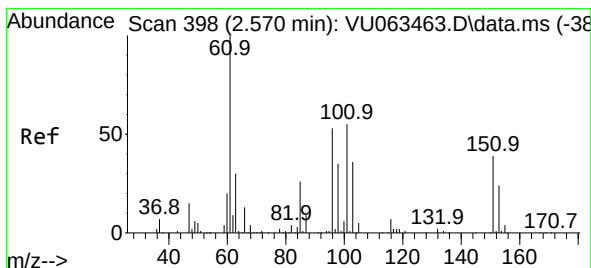
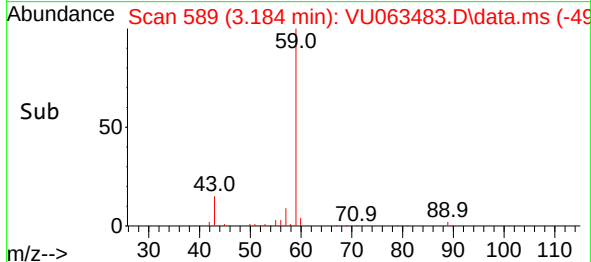
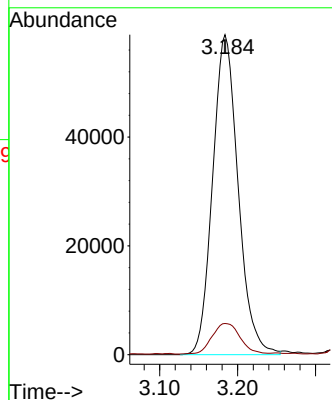
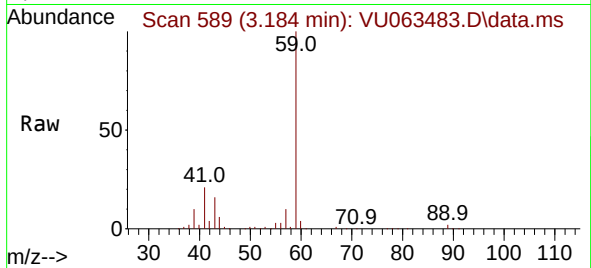




#11  
Tert butyl alcohol  
Concen: 268.046 ug/l  
RT: 3.184 min Scan# 590  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

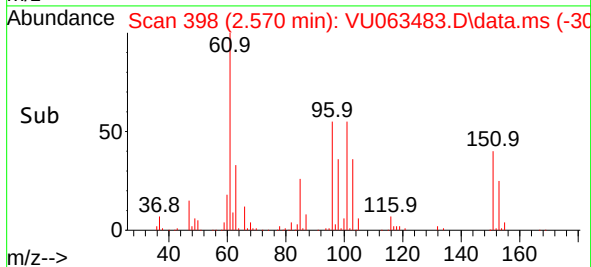
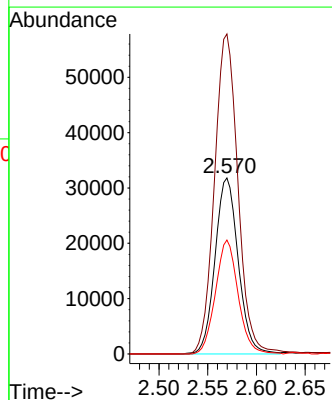
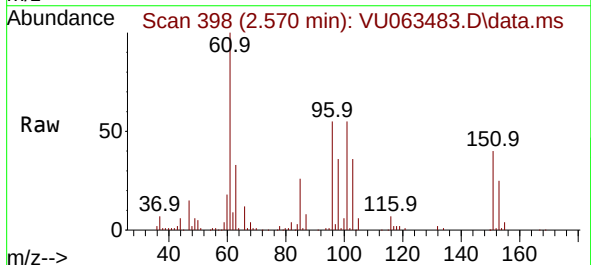
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

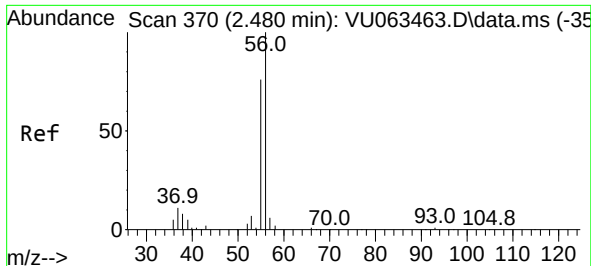
Tgt Ion: 59 Resp: 133884  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 47.301 ug/l  
RT: 2.570 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 96 Resp: 52692  
Ion Ratio Lower Upper  
96 100  
61 181.8 149.6 224.4  
98 64.7 52.0 78.0

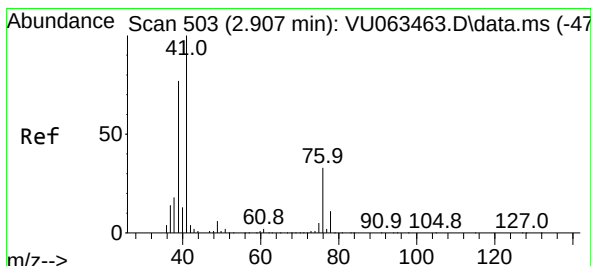
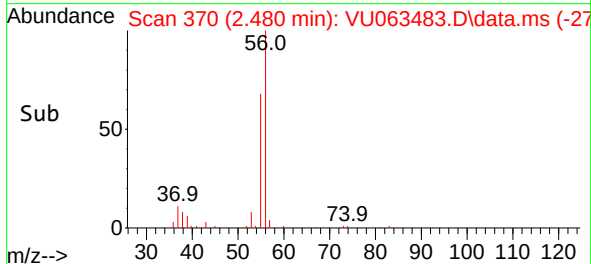
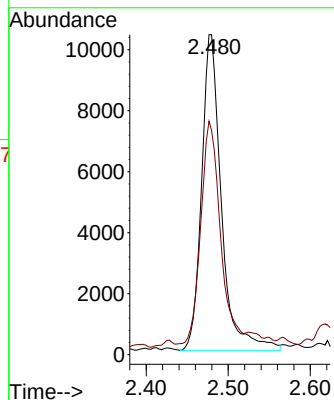
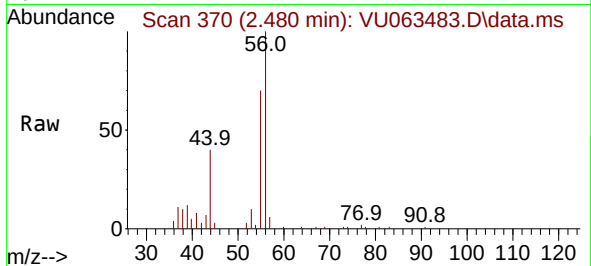




#13  
Acrolein  
Concen: 246.747 ug/l  
RT: 2.480 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

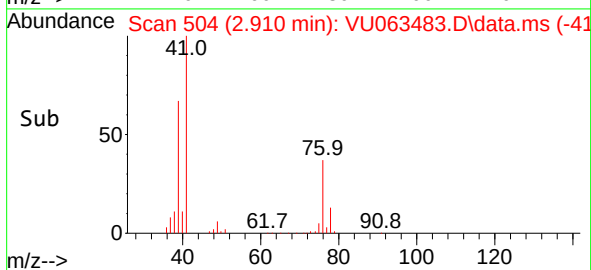
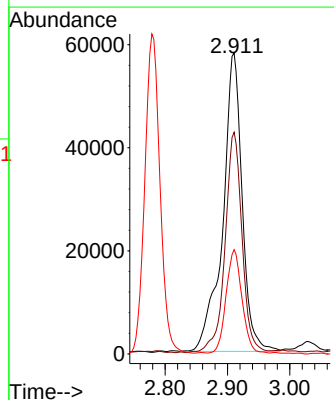
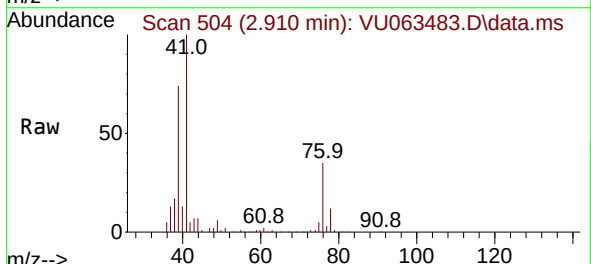
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

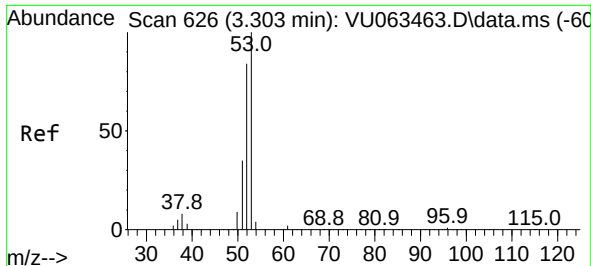
Tgt Ion: 56 Resp: 17396  
Ion Ratio Lower Upper  
56 100  
55 69.3 60.2 90.2



#14  
Allyl chloride  
Concen: 47.288 ug/l  
RT: 2.910 min Scan# 504  
Delta R.T. 0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 41 Resp: 125391  
Ion Ratio Lower Upper  
41 100  
39 64.4 53.9 80.9  
76 28.1 23.1 34.7

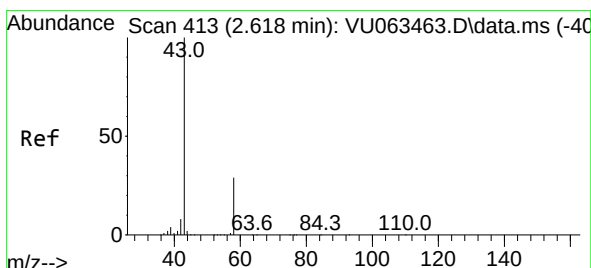
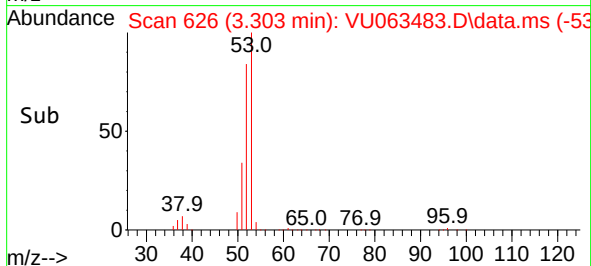
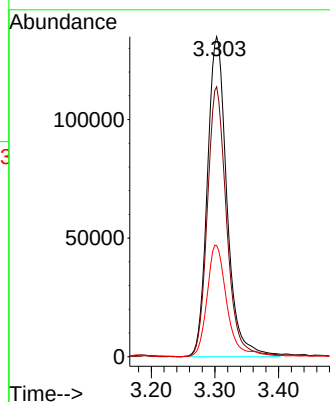
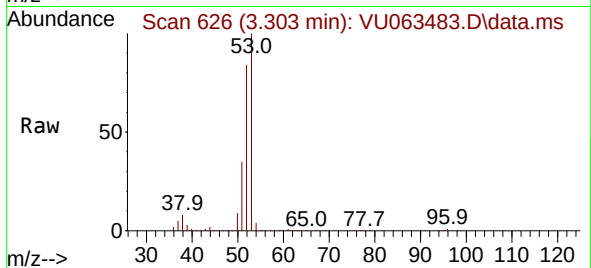




#15  
Acrylonitrile  
Concen: 268.681 ug/l  
RT: 3.303 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

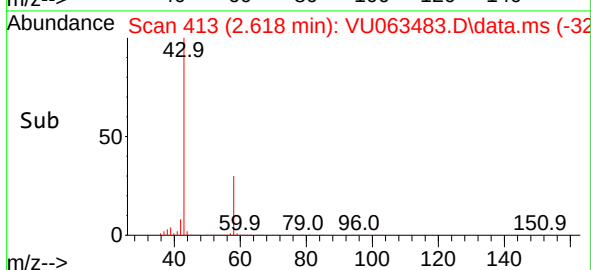
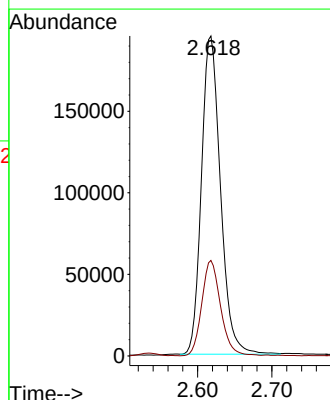
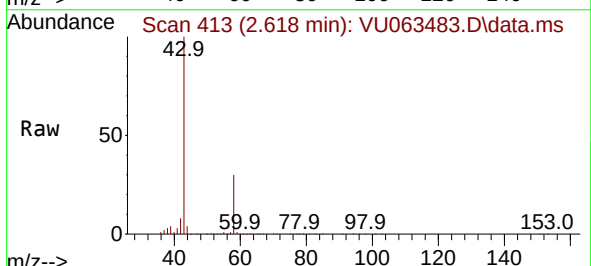
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

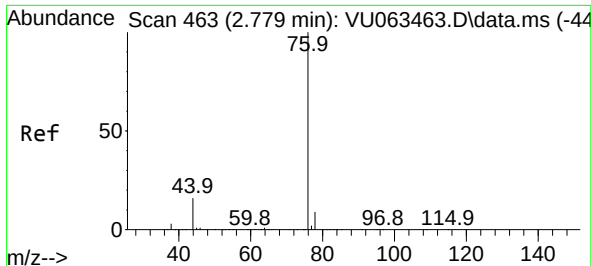
Tgt Ion: 53 Resp: 287459  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.0 97.4  
51 35.6 28.8 43.2



#16  
Acetone  
Concen: 277.852 ug/l  
RT: 2.618 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 347221  
Ion Ratio Lower Upper  
43 100  
58 30.0 23.1 34.7

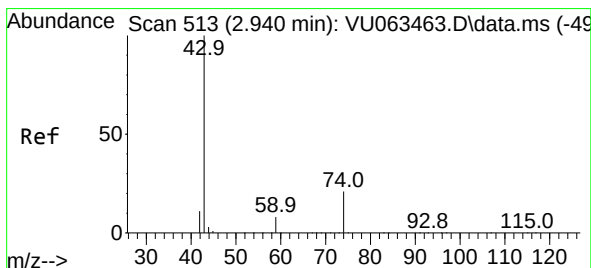
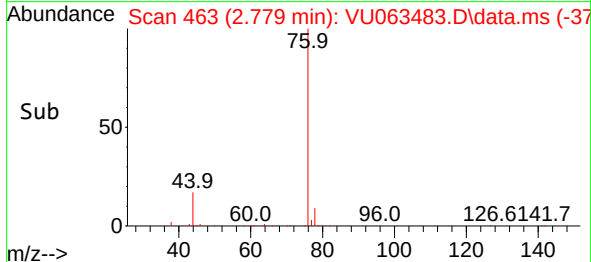
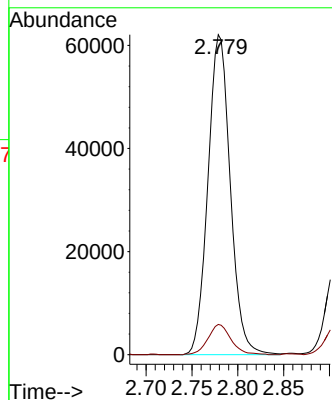
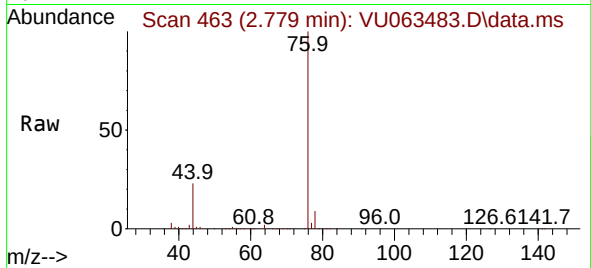




#17  
Carbon Disulfide  
Concen: 39.516 ug/l  
RT: 2.779 min Scan# 463  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

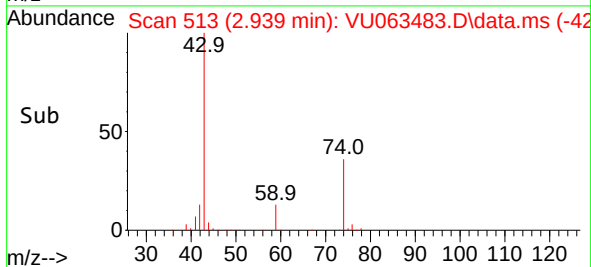
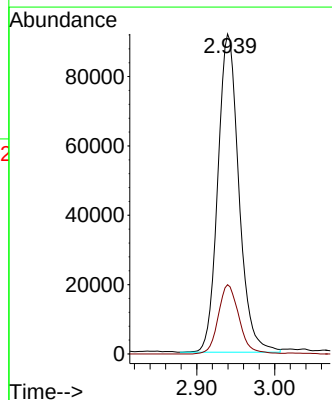
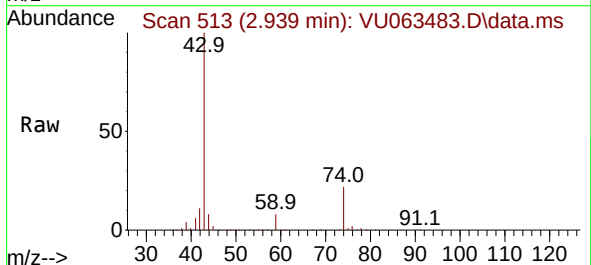
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

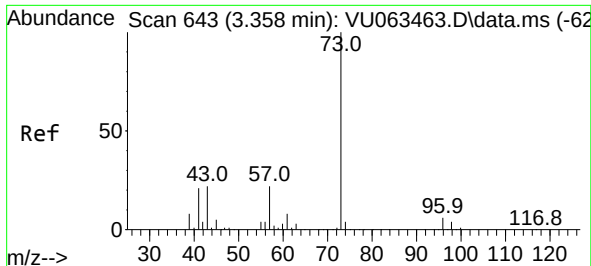
Tgt Ion: 76 Resp: 105229  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3



#18  
Methyl Acetate  
Concen: 53.574 ug/l  
RT: 2.939 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 172294  
Ion Ratio Lower Upper  
43 100  
74 21.5 17.3 25.9

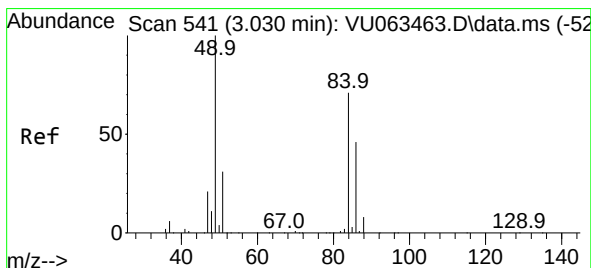
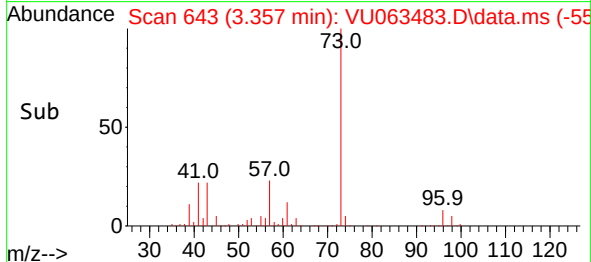
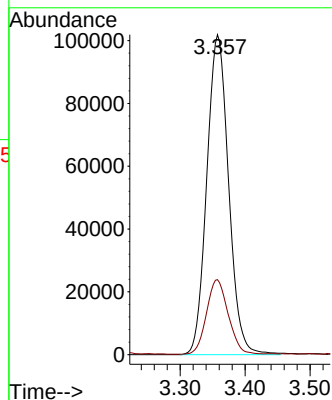
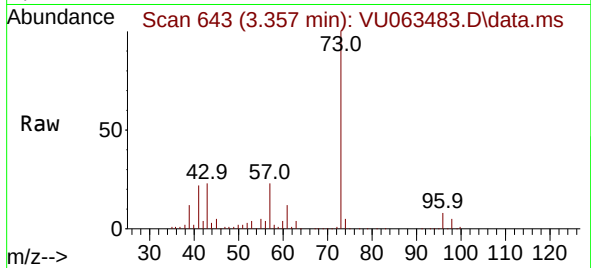




#19  
Methyl tert-butyl Ether  
Concen: 49.482 ug/l  
RT: 3.357 min Scan# 643  
Delta R.T. -0.001 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

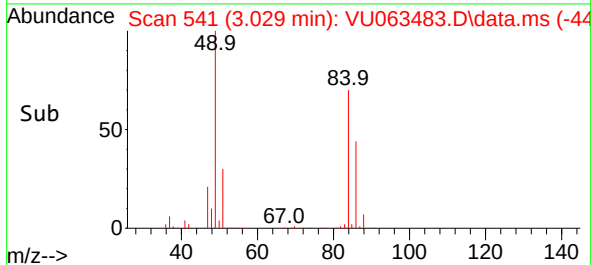
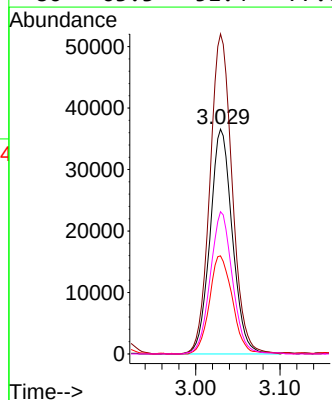
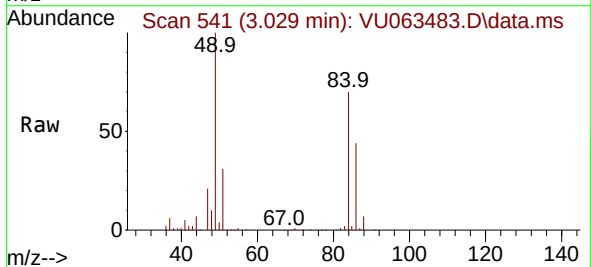
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

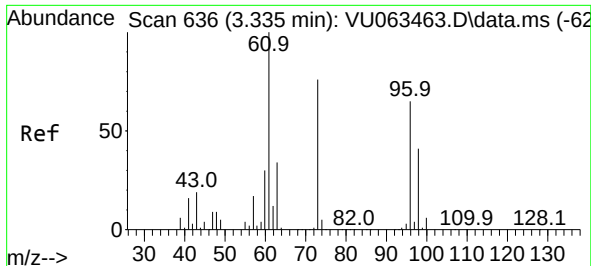
Tgt Ion: 73 Resp: 237724  
Ion Ratio Lower Upper  
73 100  
57 23.3 17.8 26.6



#20  
Methylene Chloride  
Concen: 36.948 ug/l  
RT: 3.029 min Scan# 541  
Delta R.T. -0.001 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 84 Resp: 67323  
Ion Ratio Lower Upper  
84 100  
49 142.4 112.1 168.1  
51 43.6 34.4 51.6  
86 63.3 51.4 77.0

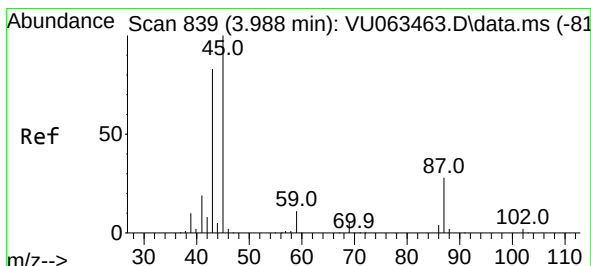
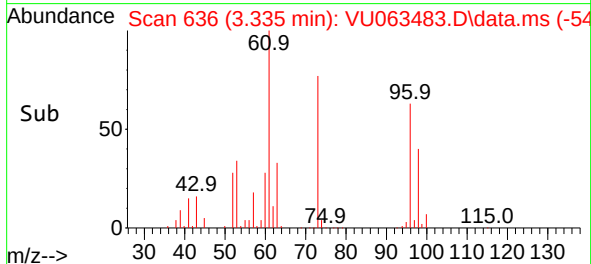
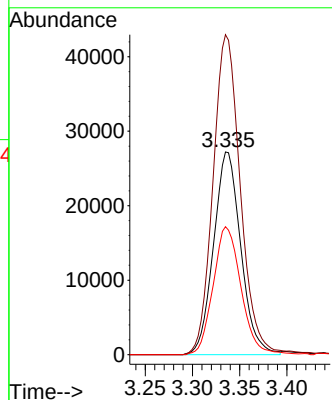
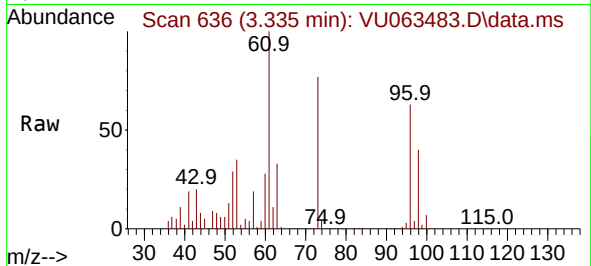




#21  
trans-1,2-Dichloroethene  
Concen: 45.560 ug/l  
RT: 3.335 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

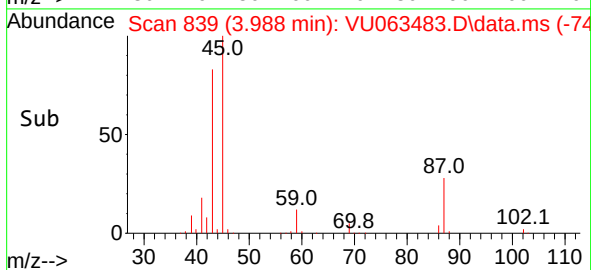
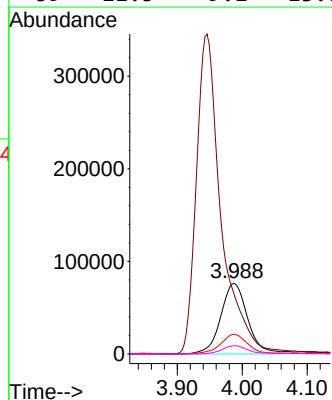
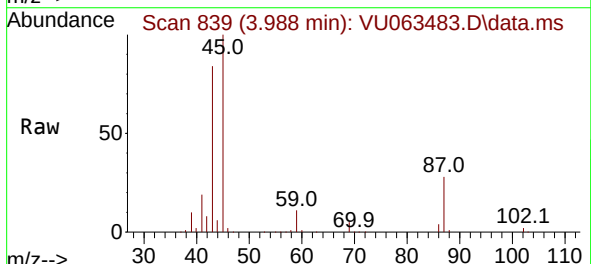
Instrument :  
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ClientSampleId :  
VSTDCCC050

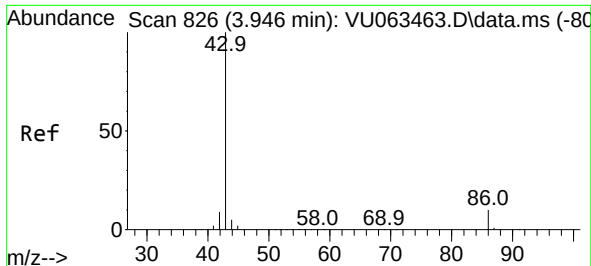
Tgt Ion: 96 Resp: 54527  
Ion Ratio Lower Upper  
96 100  
61 157.8 122.2 183.4  
98 63.1 49.9 74.9



#22  
Diisopropyl ether  
Concen: 48.155 ug/l  
RT: 3.988 min Scan# 839  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 45 Resp: 217418  
Ion Ratio Lower Upper  
45 100  
43 81.8 66.5 99.7  
87 27.8 22.6 33.8  
59 11.5 9.1 13.7

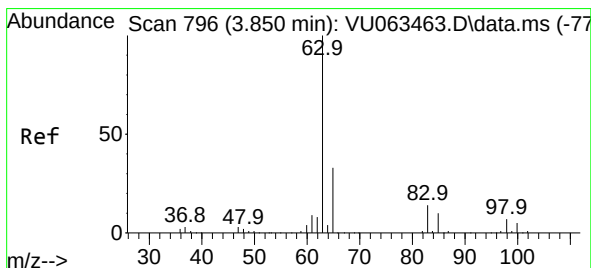
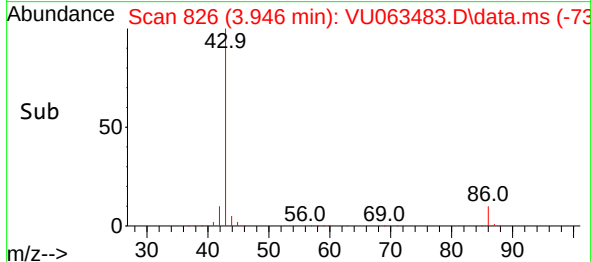
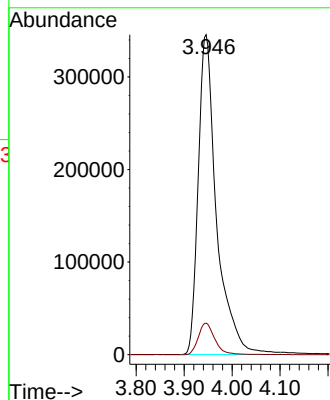
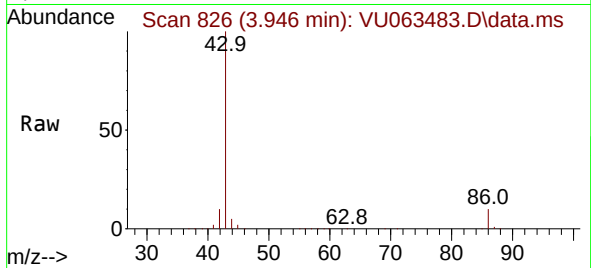




#23  
Vinyl Acetate  
Concen: 261.995 ug/l  
RT: 3.946 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

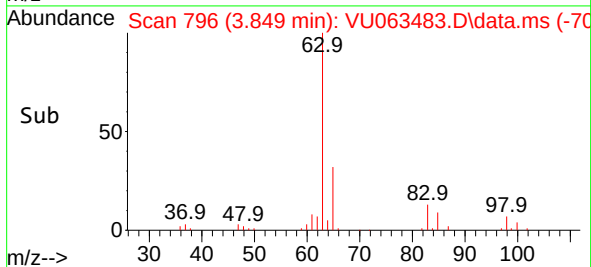
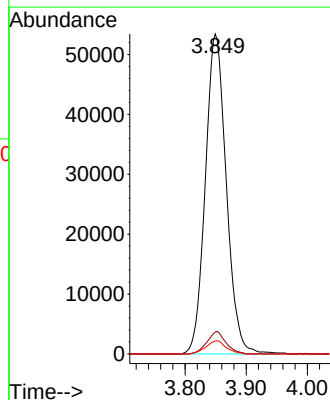
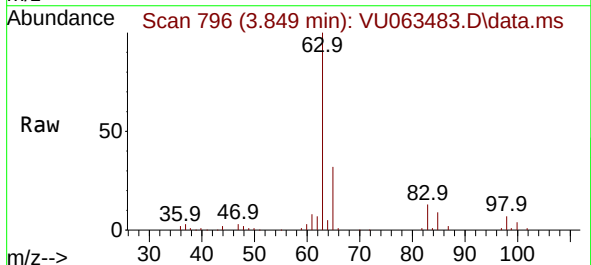
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 917850  
Ion Ratio Lower Upper  
43 100  
86 9.9 8.2 12.2

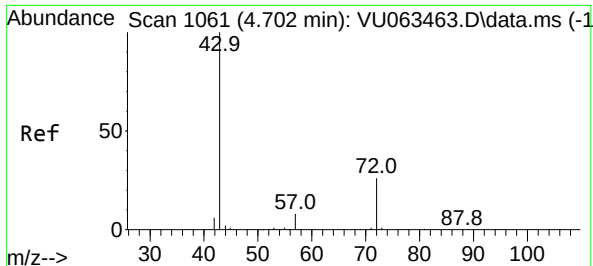


#24  
1,1-Dichloroethane  
Concen: 49.709 ug/l  
RT: 3.849 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 63 Resp: 127374  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.6 10.9  
100 4.0 2.3 6.8







#25

2-Butanone

Concen: 284.224 ug/l

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

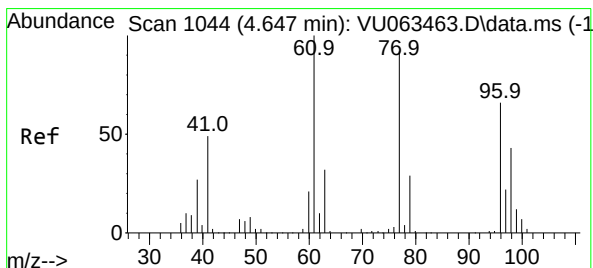
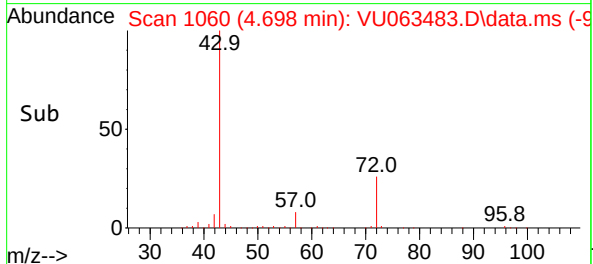
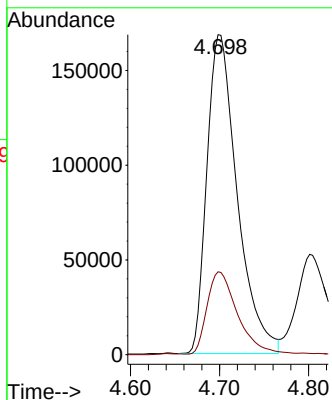
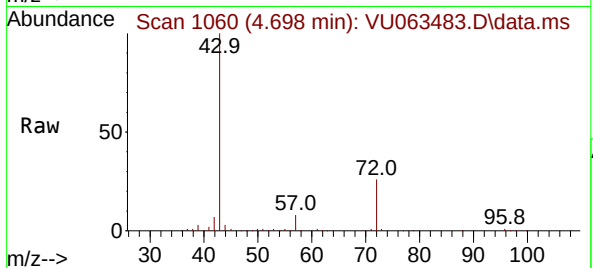
VSTDCCC050

Tgt Ion: 43 Resp: 398728

Ion Ratio Lower Upper

43 100

72 25.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 50.907 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063483.D

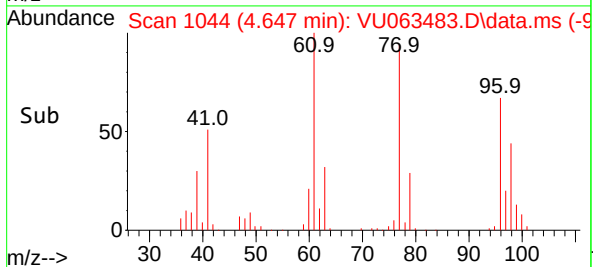
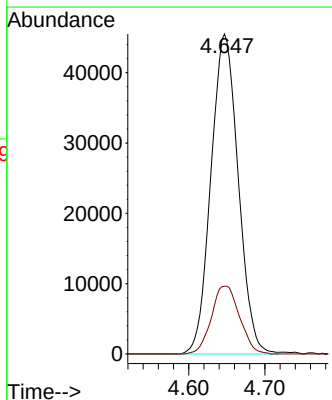
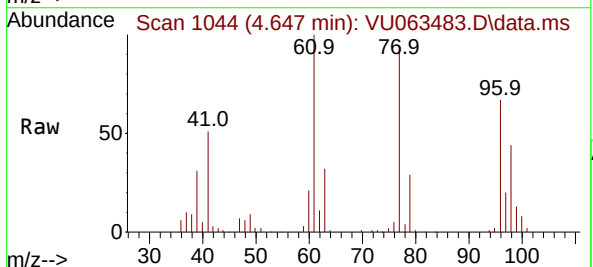
Acq: 11 Jul 2025 08:22

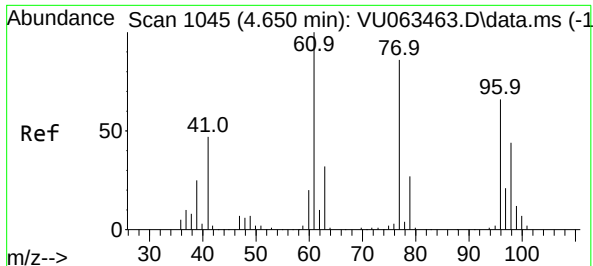
Tgt Ion: 77 Resp: 113487

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.3

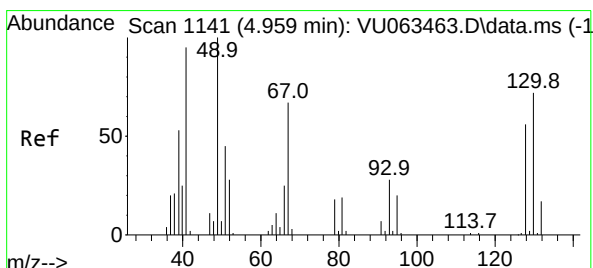
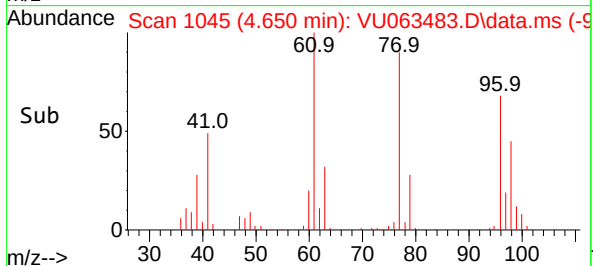
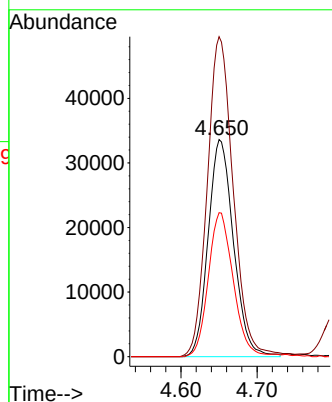
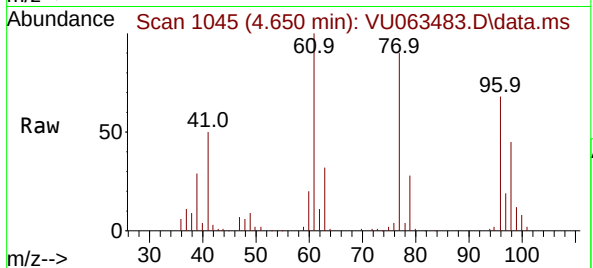




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.262 ug/l  
 RT: 4.650 min Scan# 1045  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

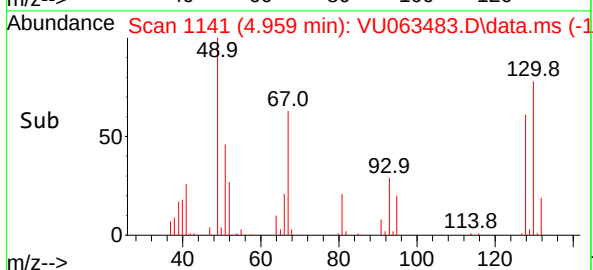
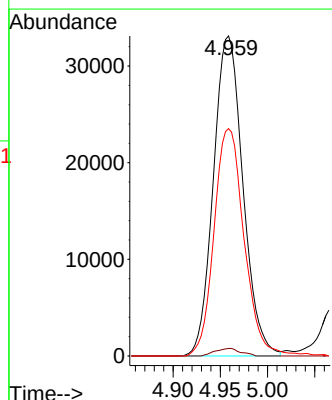
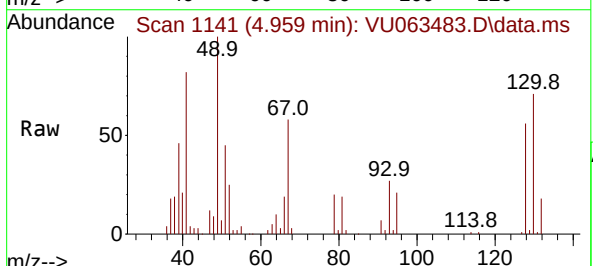
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

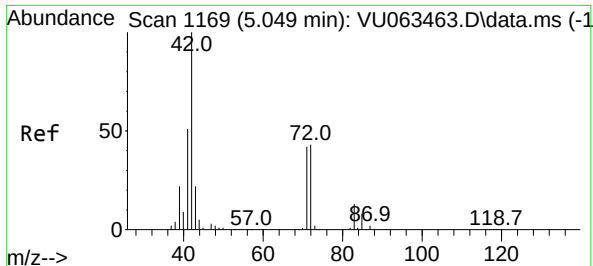
Tgt Ion: 96 Resp: 77821  
 Ion Ratio Lower Upper  
 96 100  
 61 151.4 0.0 307.2  
 98 64.9 0.0 133.0



#28  
 Bromochloromethane  
 Concen: 59.838 ug/l  
 RT: 4.959 min Scan# 1141  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

Tgt Ion: 49 Resp: 72025  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.8  
 130 72.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 266.252 ug/l

RT: 5.045 min Scan# 1168

Delta R.T. -0.004 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

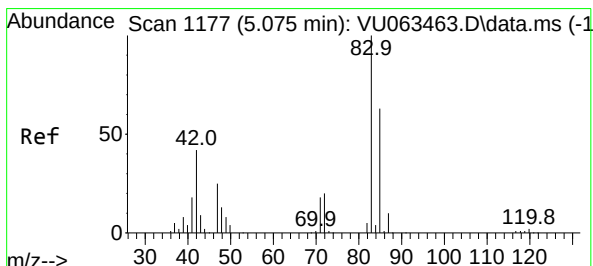
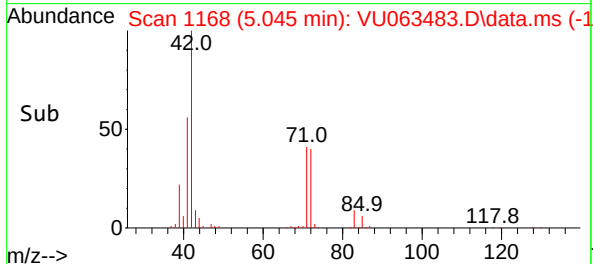
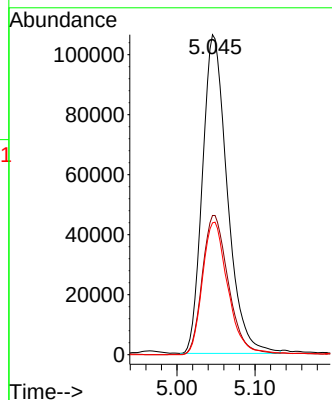
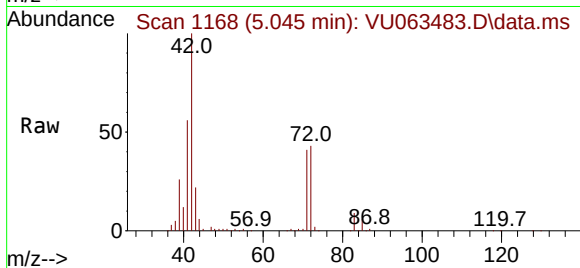
Tgt Ion: 42 Resp: 235619

Ion Ratio Lower Upper

42 100

72 46.0 36.2 54.4

71 42.8 33.3 49.9



#30

Chloroform

Concen: 51.056 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU063483.D

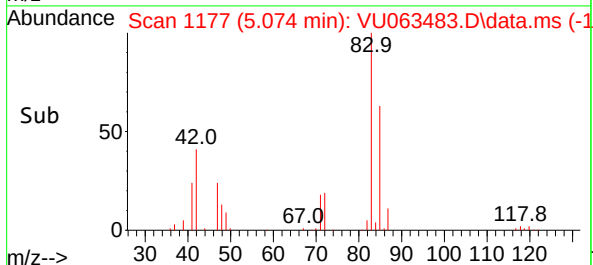
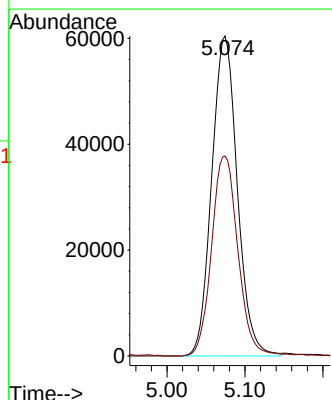
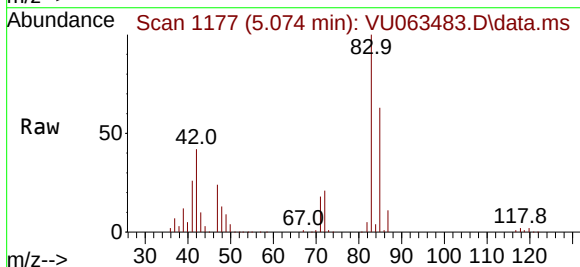
Acq: 11 Jul 2025 08:22

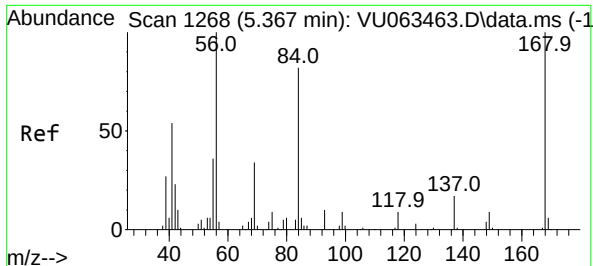
Tgt Ion: 83 Resp: 138123

Ion Ratio Lower Upper

83 100

85 62.5 50.7 76.1

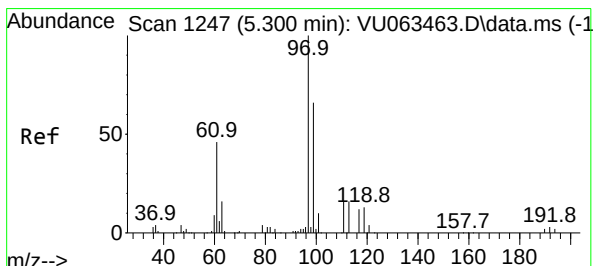
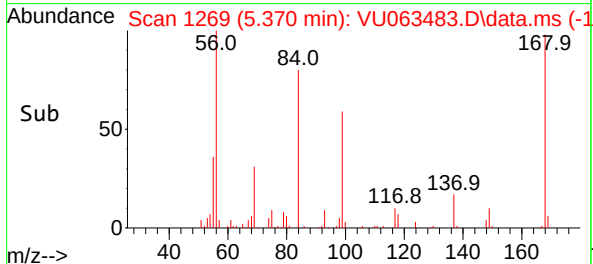
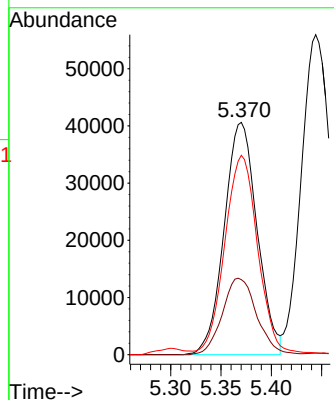
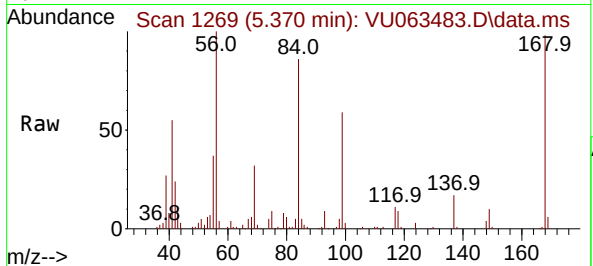




#31  
Cyclohexane  
Concen: 44.924 ug/l  
RT: 5.370 min Scan# 1268  
Delta R.T. 0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

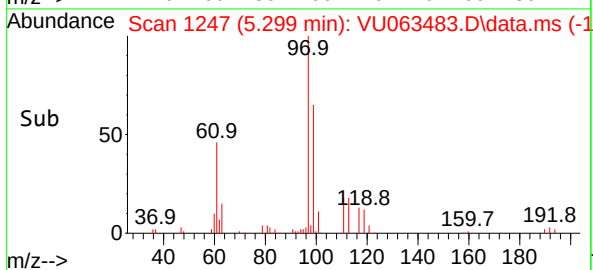
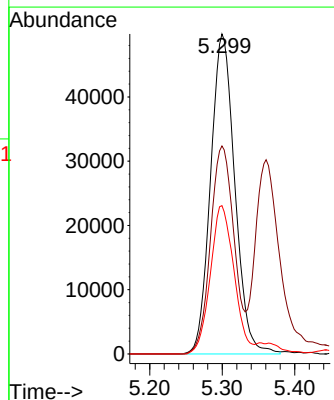
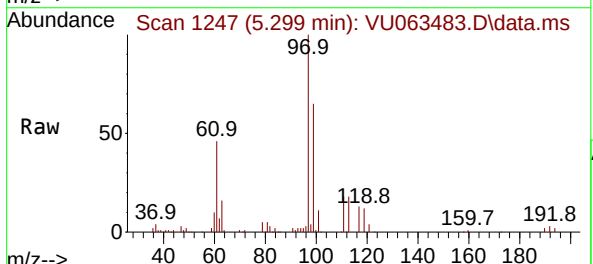
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

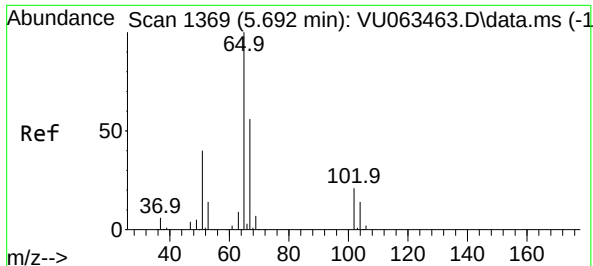
Tgt Ion: 56 Resp: 92538  
Ion Ratio Lower Upper  
56 100  
69 32.3 27.0 40.4  
84 83.7 65.7 98.5



#32  
1,1,1-Trichloroethane  
Concen: 50.184 ug/l  
RT: 5.299 min Scan# 1247  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 97 Resp: 115598  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.4 75.6  
61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.365 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

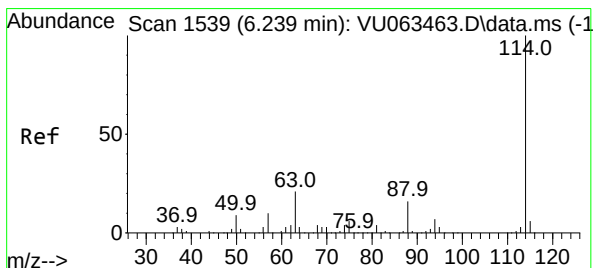
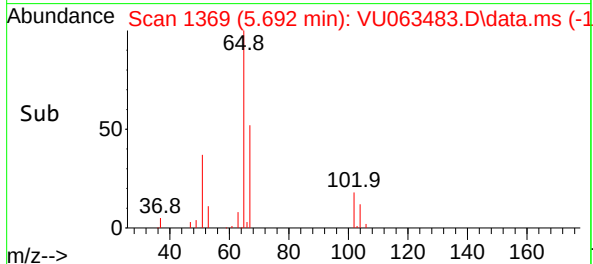
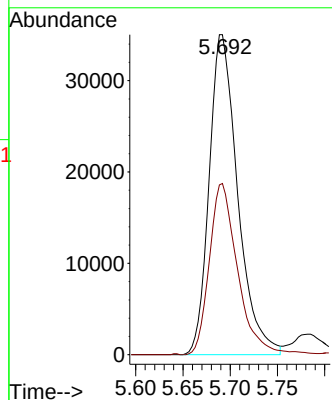
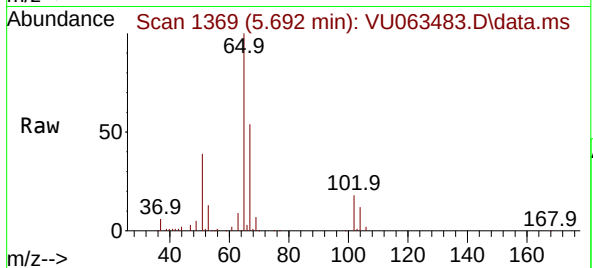
VSTDCCC050

Tgt Ion: 65 Resp: 73540

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

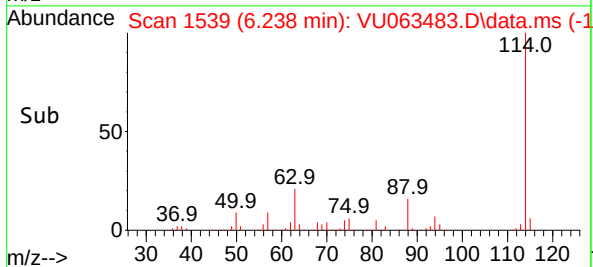
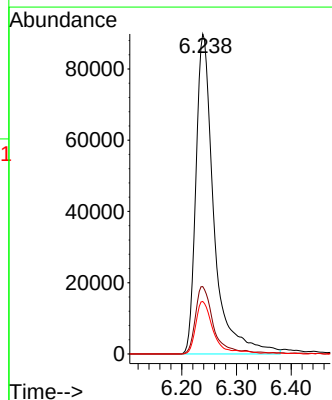
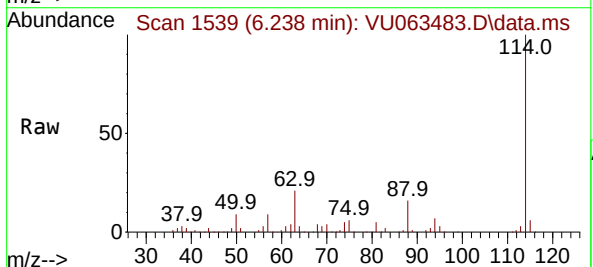
Tgt Ion: 114 Resp: 205232

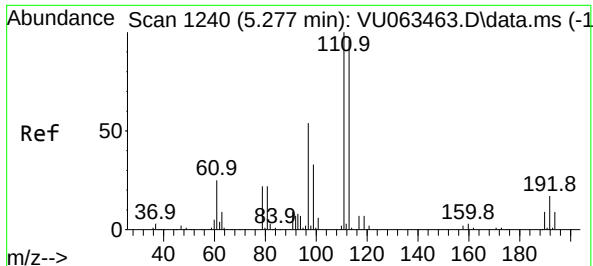
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 5.277 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

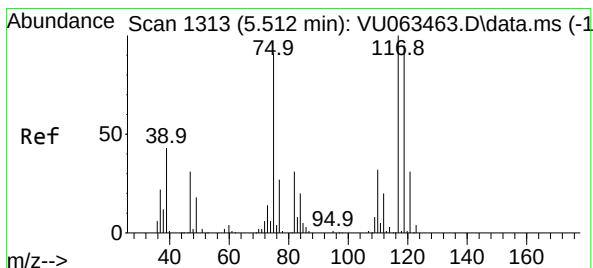
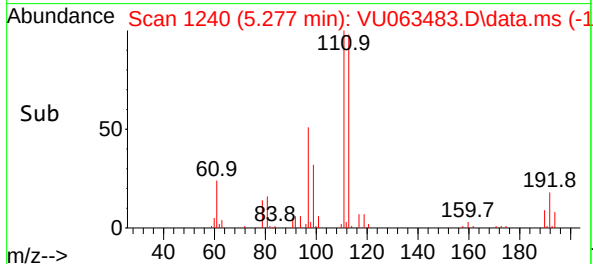
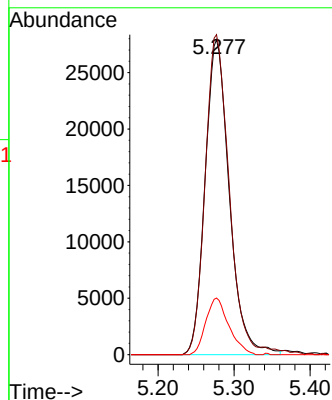
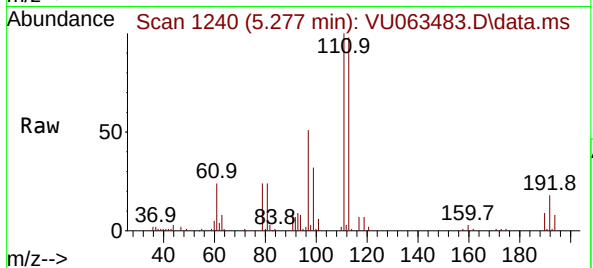
Tgt Ion:113 Resp: 61606

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.778 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

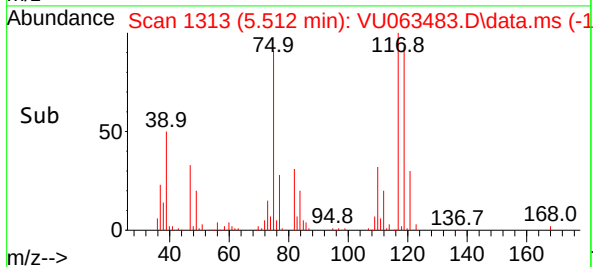
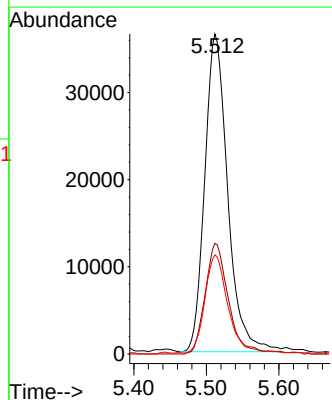
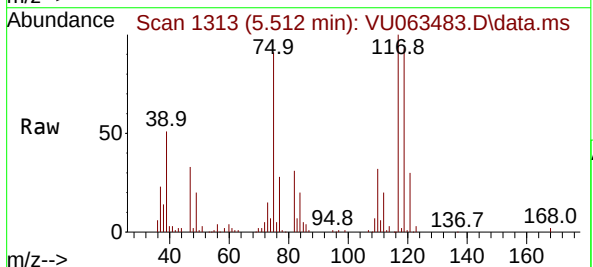
Tgt Ion: 75 Resp: 80313

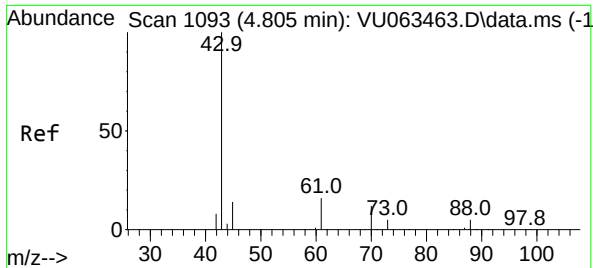
Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

77 30.7 23.9 35.9

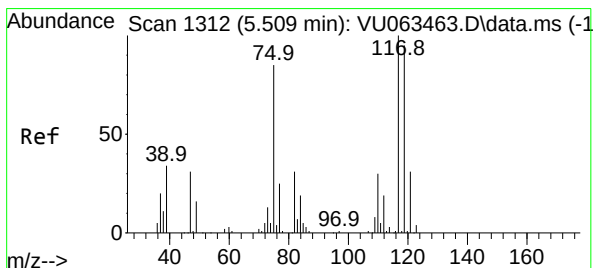
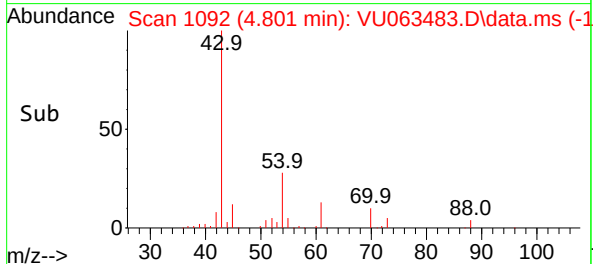
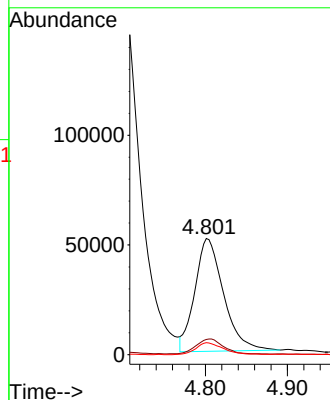
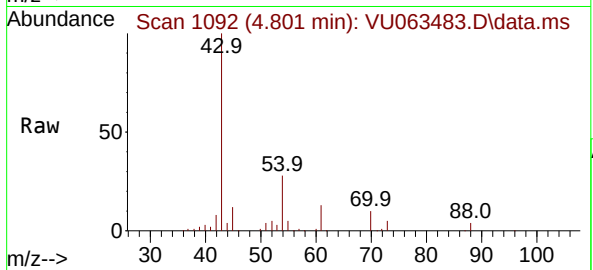




#37  
Ethyl Acetate  
Concen: 45.954 ug/l  
RT: 4.801 min Scan# 1092  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

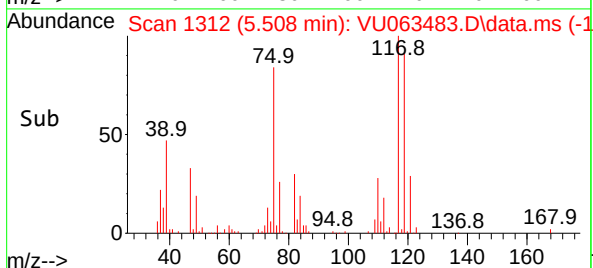
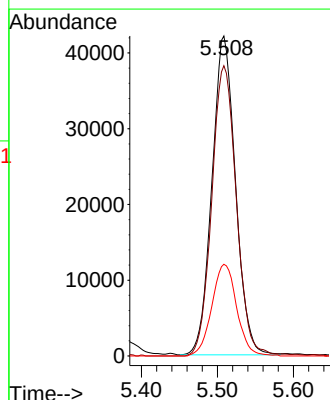
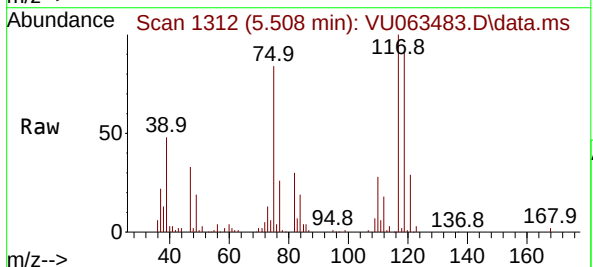
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

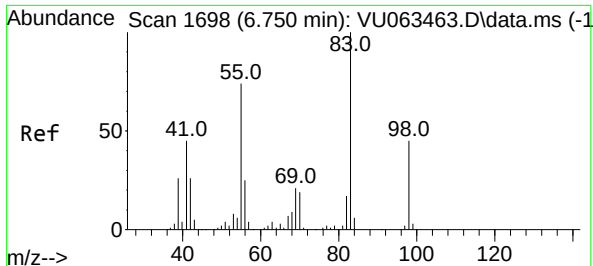
Tgt Ion: 43 Resp: 125102  
Ion Ratio Lower Upper  
43 100  
61 12.9 10.4 15.6  
70 10.2 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 48.905 ug/l  
RT: 5.508 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 117 Resp: 90578  
Ion Ratio Lower Upper  
117 100  
119 91.0 76.1 114.1  
121 28.7 25.0 37.4





#39

Methylcyclohexane

Concen: 44.550 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

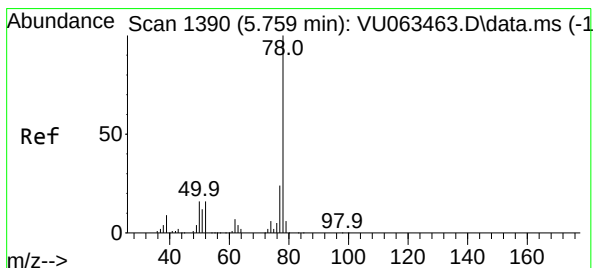
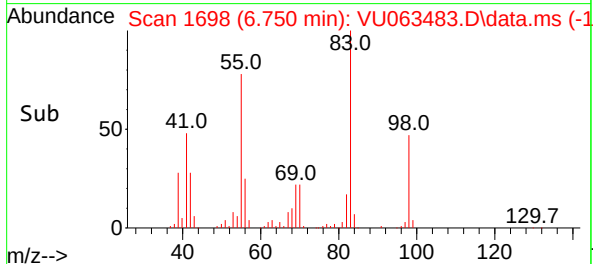
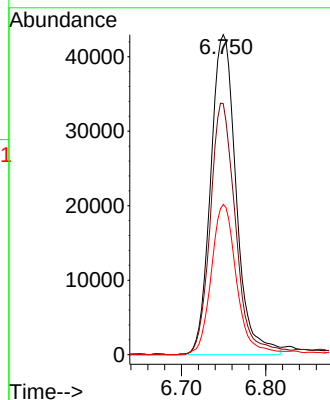
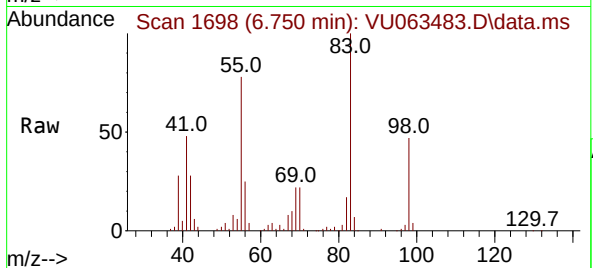
Tgt Ion: 83 Resp: 90485

Ion Ratio Lower Upper

83 100

55 78.1 59.4 89.2

98 46.9 36.2 54.4



#40

Benzene

Concen: 49.056 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063483.D

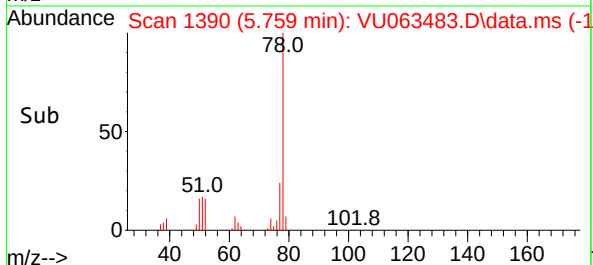
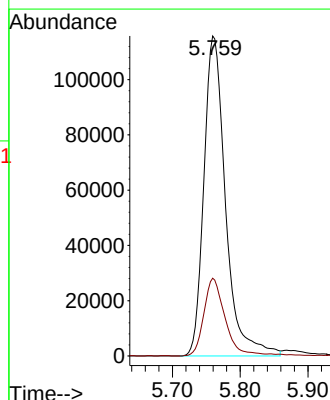
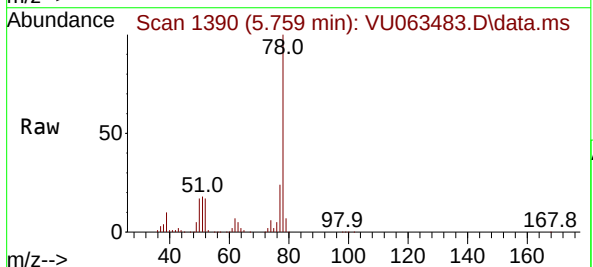
Acq: 11 Jul 2025 08:22

Tgt Ion: 78 Resp: 257526

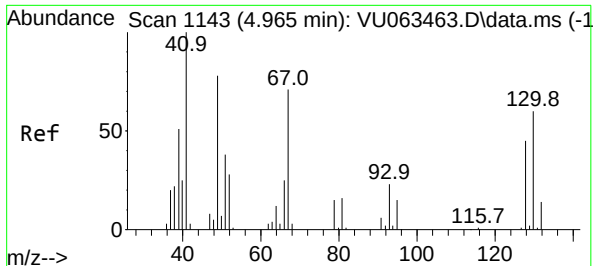
Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



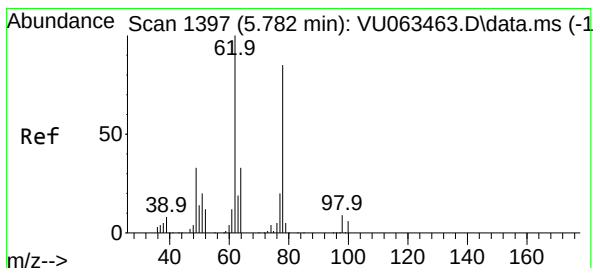
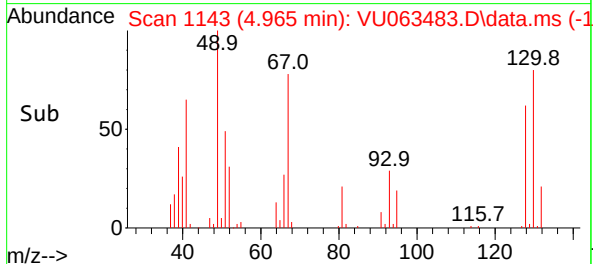
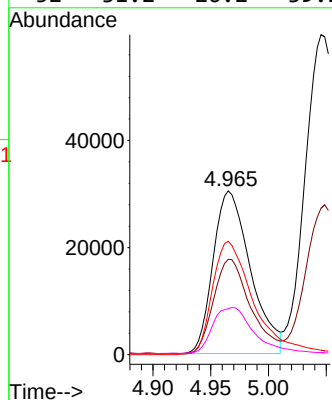
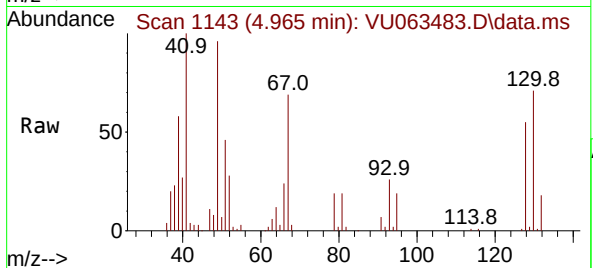




#41  
Methacrylonitrile  
Concen: 53.195 ug/l  
RT: 4.965 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

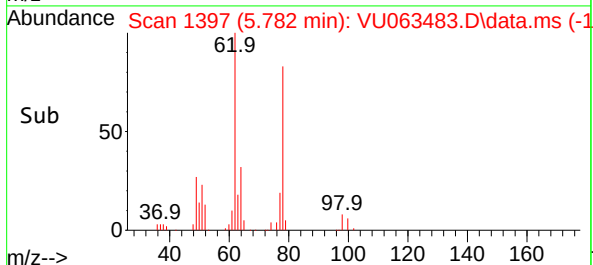
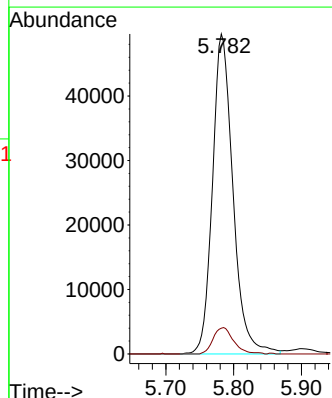
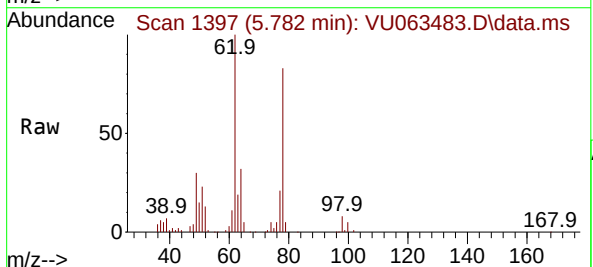
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

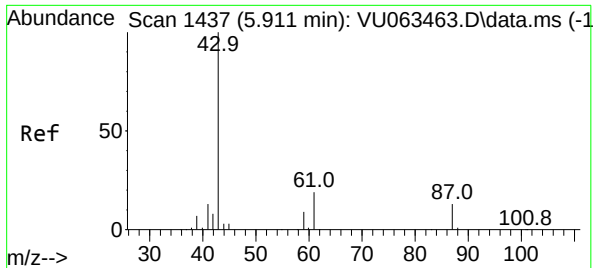
Tgt Ion: 41 Resp: 68331  
Ion Ratio Lower Upper  
41 100  
39 57.4 43.6 65.4  
67 78.1 62.8 94.2  
52 31.2 26.2 39.2



#42  
1,2-Dichloroethane  
Concen: 52.910 ug/l  
RT: 5.782 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 62 Resp: 104442  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 17.6

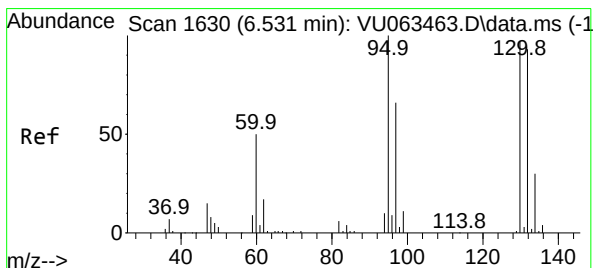
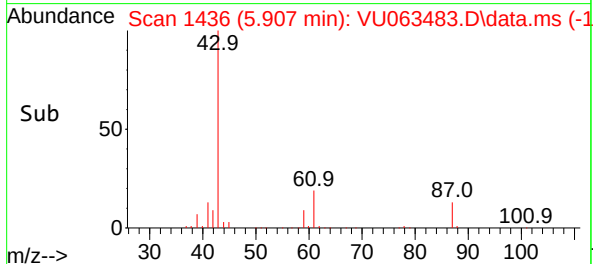
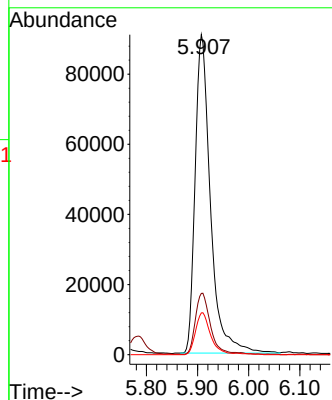
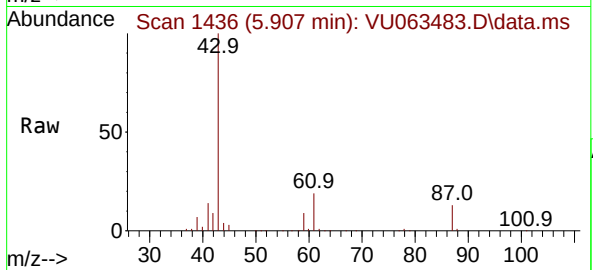




#43  
Isopropyl Acetate  
Concen: 52.264 ug/l  
RT: 5.907 min Scan# 1436  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

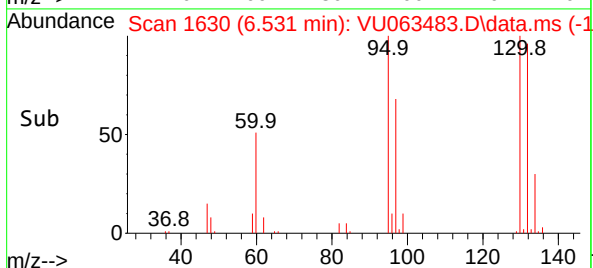
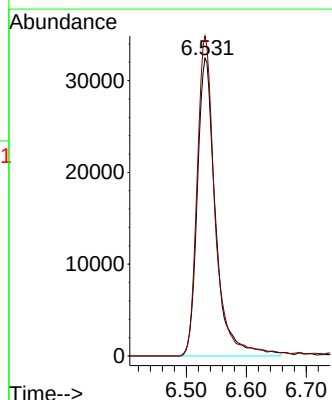
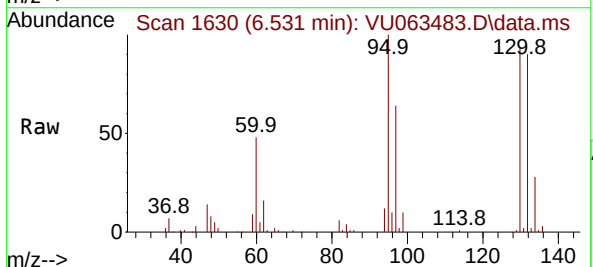
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

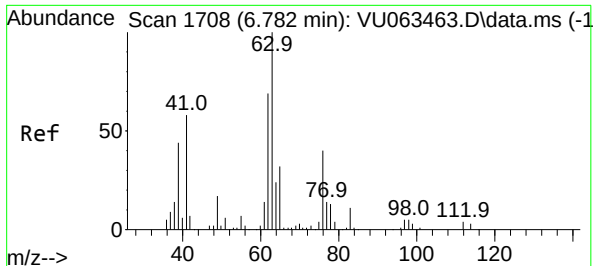
Tgt Ion: 43 Resp: 188985  
Ion Ratio Lower Upper  
43 100  
61 19.0 15.4 23.2  
87 12.8 10.5 15.7



#44  
Trichloroethene  
Concen: 49.223 ug/l  
RT: 6.531 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:130 Resp: 69152  
Ion Ratio Lower Upper  
130 100  
95 107.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 50.759 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

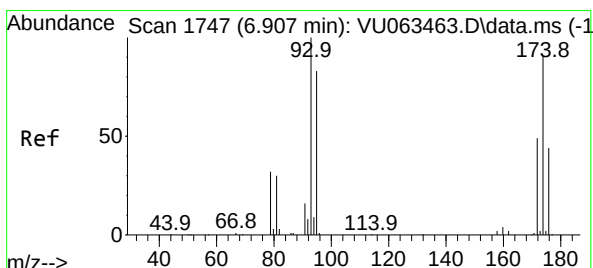
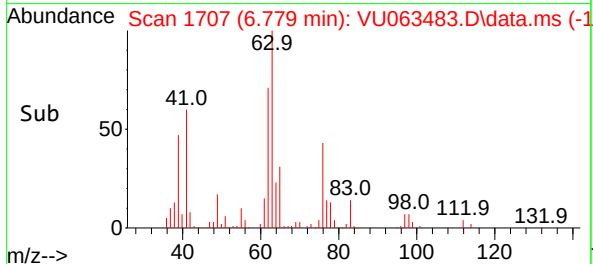
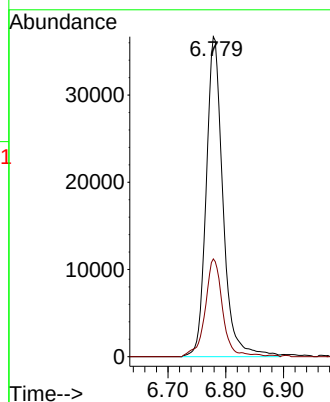
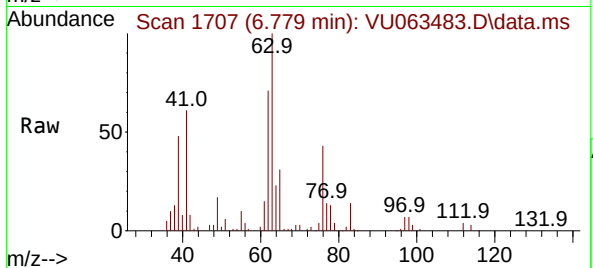
VSTDCCC050

Tgt Ion: 63 Resp: 74076

Ion Ratio Lower Upper

63 100

65 30.6 25.3 37.9



#46

Dibromomethane

Concen: 52.578 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

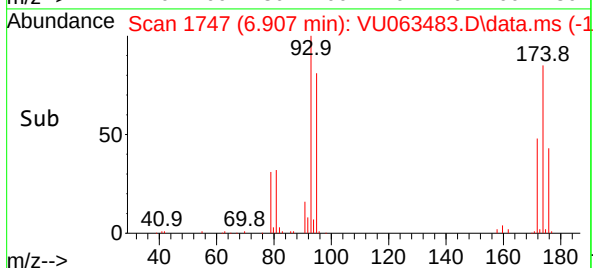
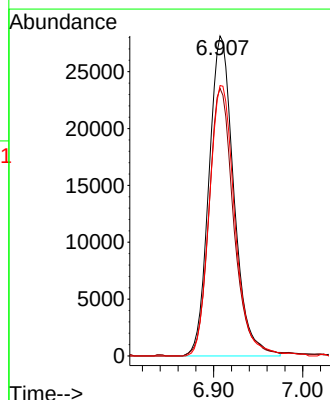
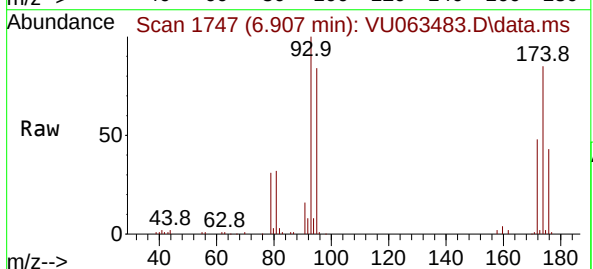
Tgt Ion: 93 Resp: 54594

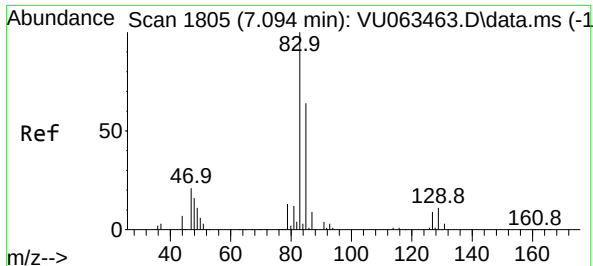
Ion Ratio Lower Upper

93 100

95 83.6 67.5 101.3

174 86.2 73.1 109.7

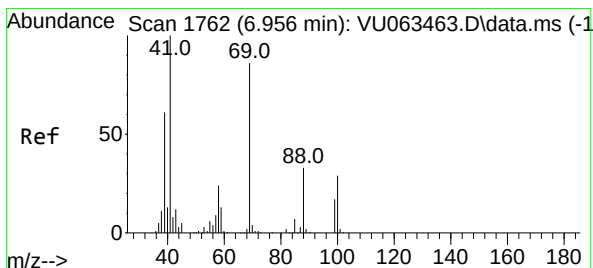
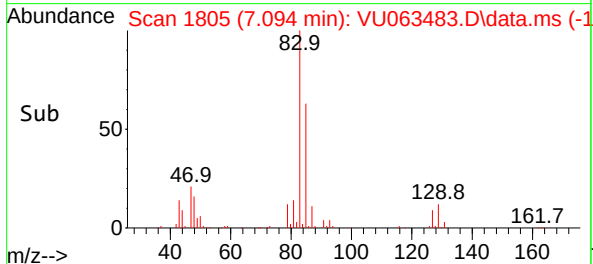
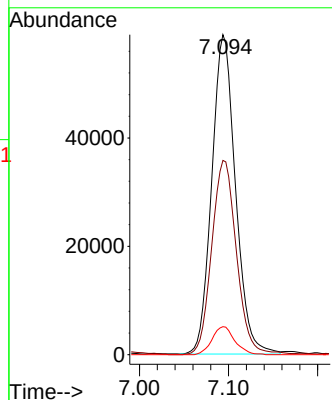
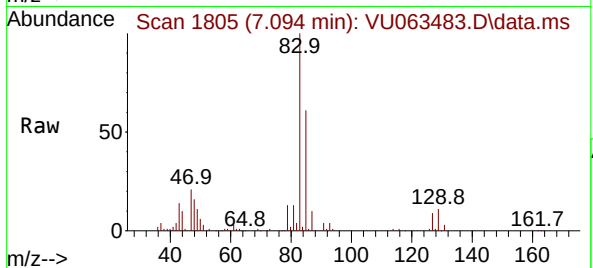




#47  
Bromodichloromethane  
Concen: 50.540 ug/l  
RT: 7.094 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

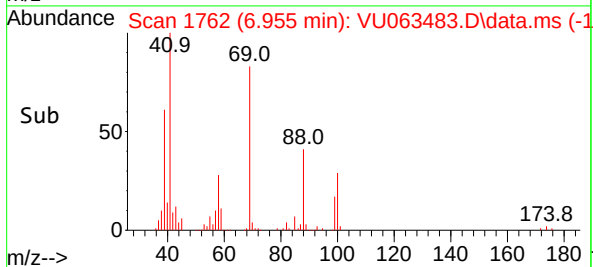
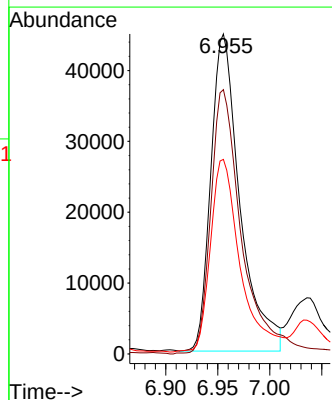
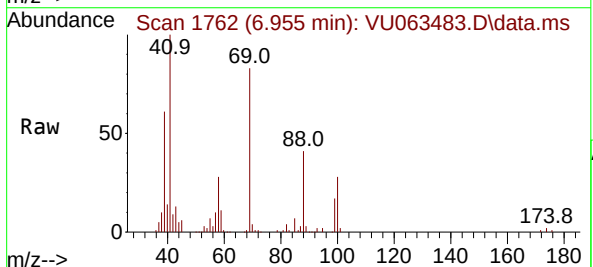
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

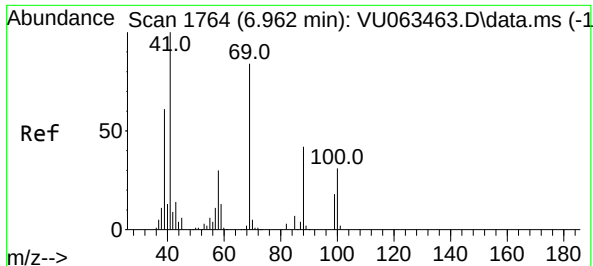
Tgt Ion: 83 Resp: 109119  
Ion Ratio Lower Upper  
83 100  
85 60.8 51.4 77.0  
127 8.8 7.0 10.4



#48  
Methyl methacrylate  
Concen: 52.348 ug/l  
RT: 6.955 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 41 Resp: 87487  
Ion Ratio Lower Upper  
41 100  
69 89.3 69.8 104.8  
39 62.5 48.3 72.5

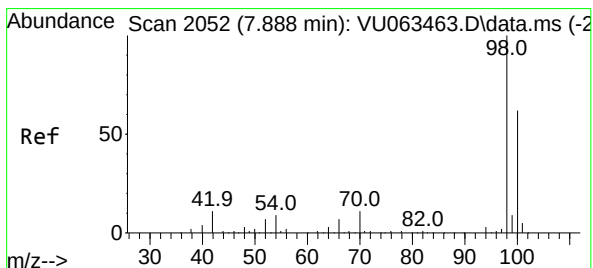
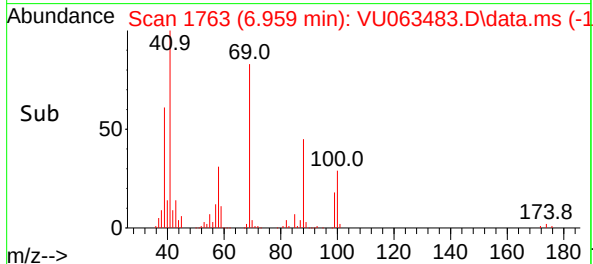
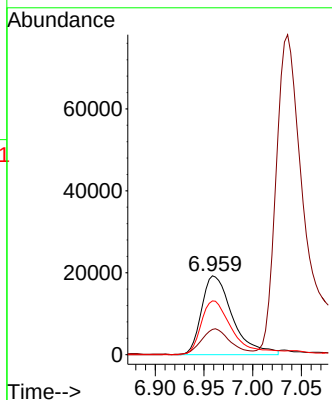
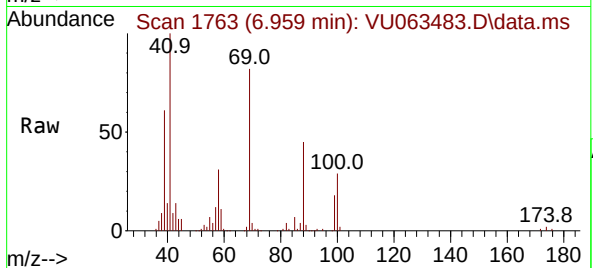




#49  
1,4-Dioxane  
Concen: 1161.243 ug/l  
RT: 6.959 min Scan# 1763  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

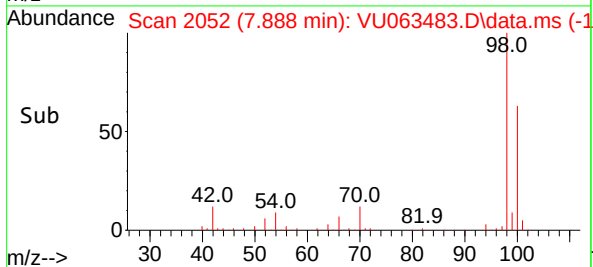
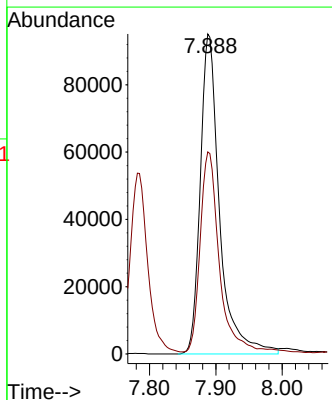
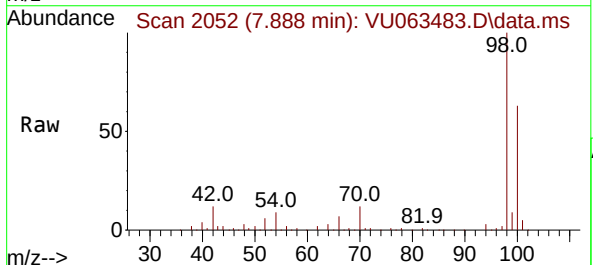
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

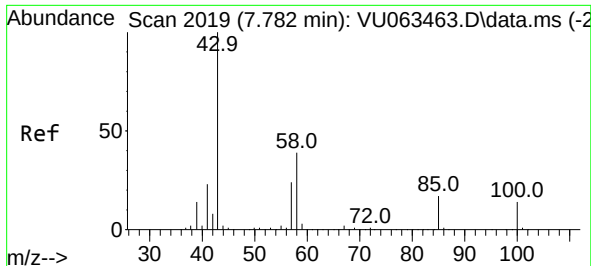
Tgt Ion: 88 Resp: 42587  
Ion Ratio Lower Upper  
88 100  
43 31.1 25.6 38.4  
58 69.2 55.0 82.6



#50  
Toluene-d8  
Concen: 47.650 ug/l  
RT: 7.888 min Scan# 2052  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 98 Resp: 192150  
Ion Ratio Lower Upper  
98 100  
100 63.8 48.1 72.1

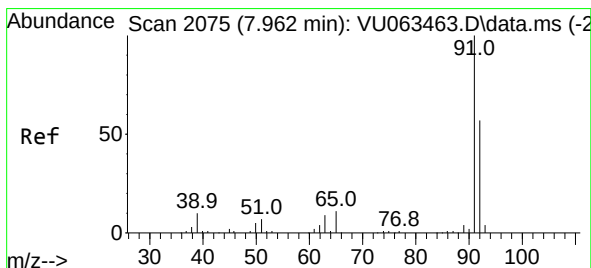
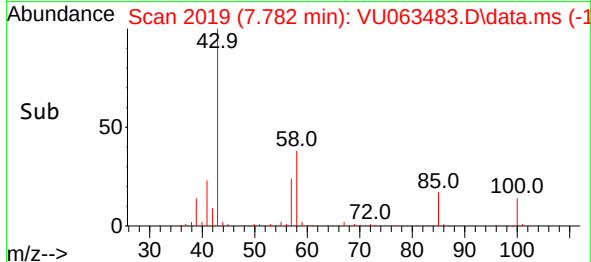
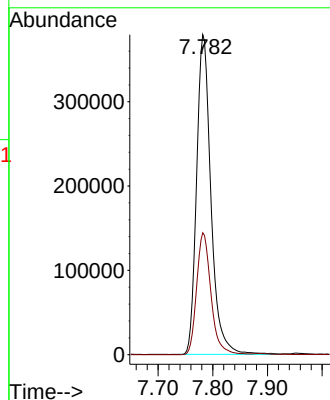
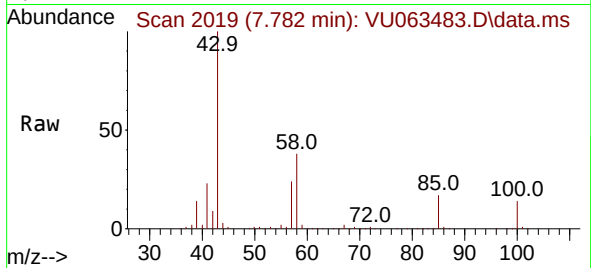




#51  
4-Methyl-2-Pentanone  
Concen: 263.979 ug/l  
RT: 7.782 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

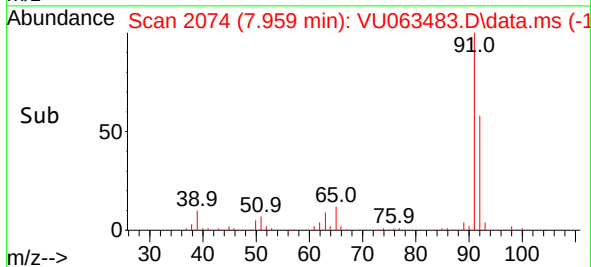
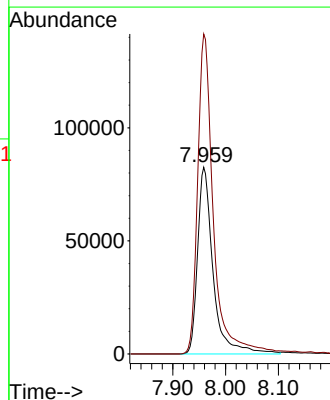
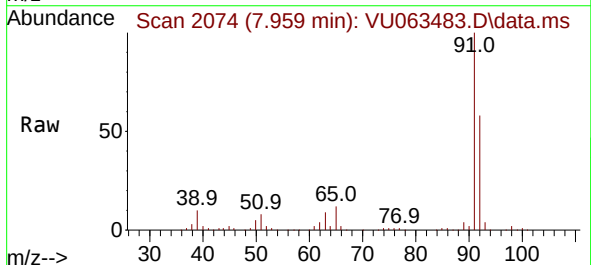
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

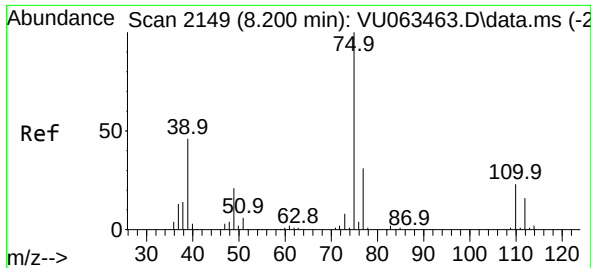
Tgt Ion: 43 Resp: 690883  
Ion Ratio Lower Upper  
43 100  
58 38.1 31.0 46.4



#52  
Toluene  
Concen: 49.177 ug/l  
RT: 7.959 min Scan# 2074  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 92 Resp: 168861  
Ion Ratio Lower Upper  
92 100  
91 173.4 144.5 216.7

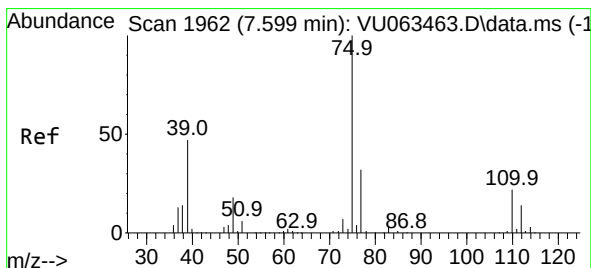
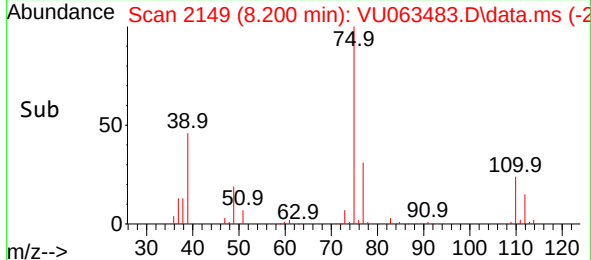
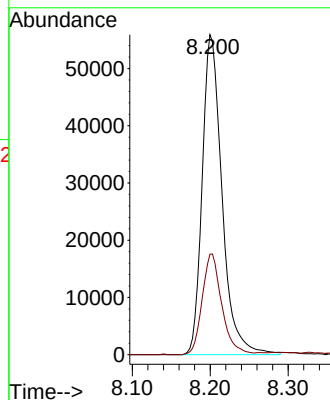
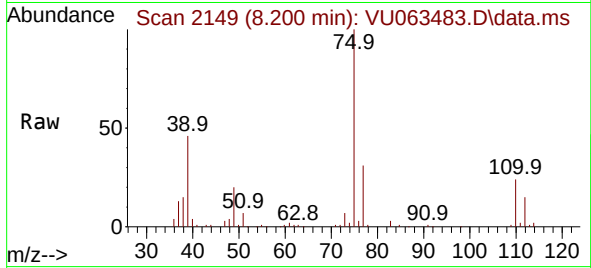




#53  
 t-1,3-Dichloropropene  
 Concen: 52.282 ug/l  
 RT: 8.200 min Scan# 2149  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

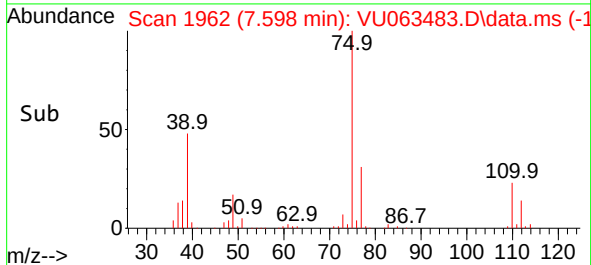
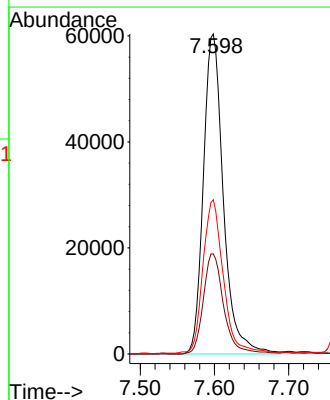
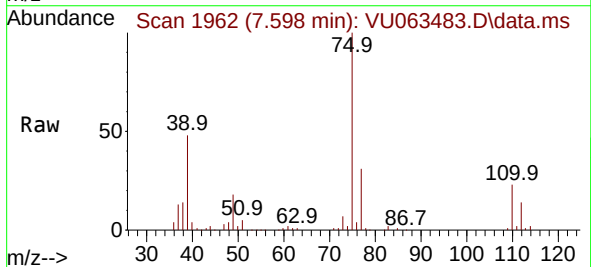
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

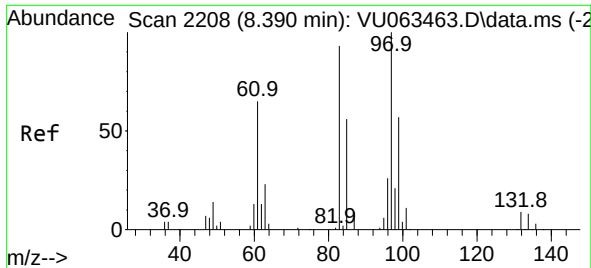
Tgt Ion: 75 Resp: 98779  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.347 ug/l  
 RT: 7.598 min Scan# 1962  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

Tgt Ion: 75 Resp: 112829  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.4 38.0  
 39 47.7 37.2 55.8

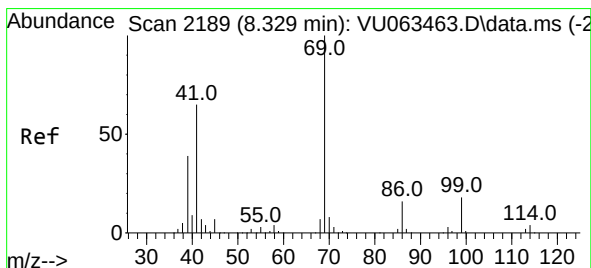
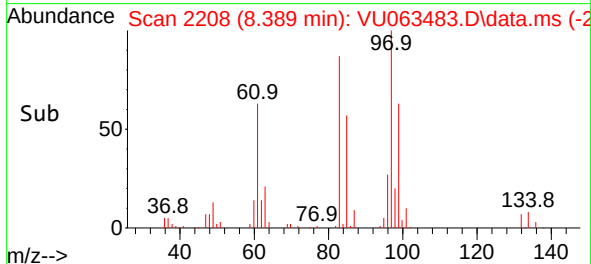
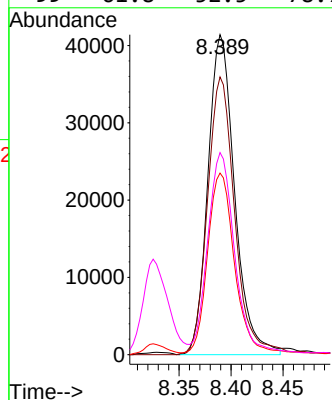
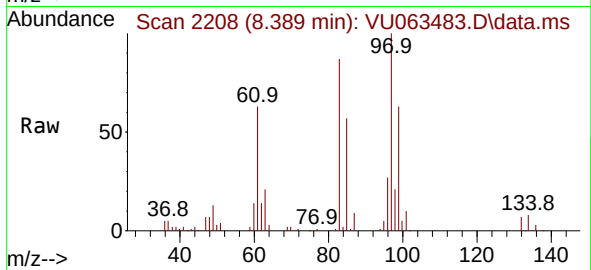




#55  
 1,1,2-Trichloroethane  
 Concen: 50.841 ug/l  
 RT: 8.389 min Scan# 2188  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

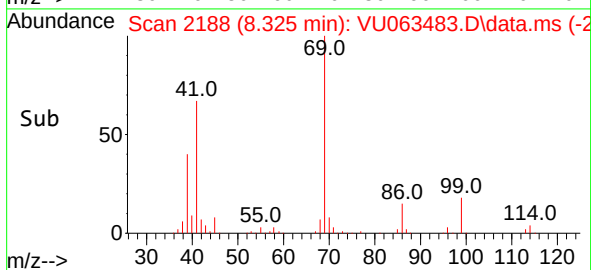
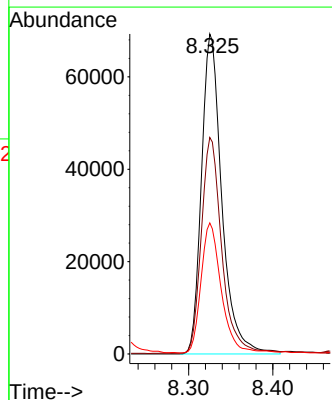
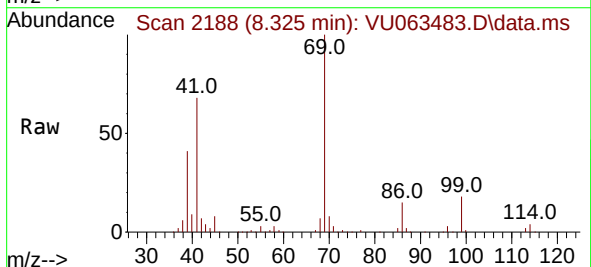
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 74138 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 74.2  | 111.4 |
| 85       | 56.1  | 45.8  | 68.8  |
| 99       | 61.8  | 52.5  | 78.7  |

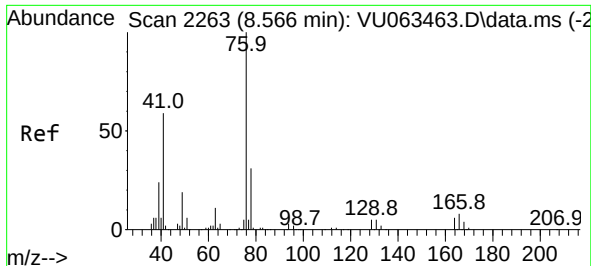


#56  
 Ethyl methacrylate  
 Concen: 49.688 ug/l  
 RT: 8.325 min Scan# 2188  
 Delta R.T. -0.003 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 116882 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.7  | 53.0  | 79.6   |
| 39       | 40.3  | 31.0  | 46.4   |







#57

1,3-Dichloropropane

Concen: 50.478 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

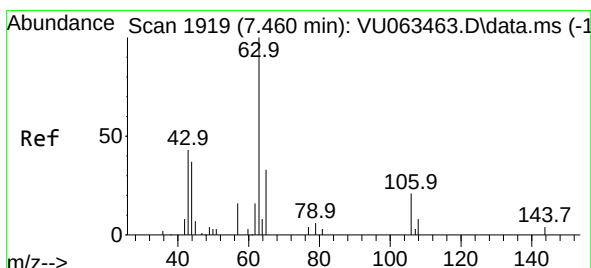
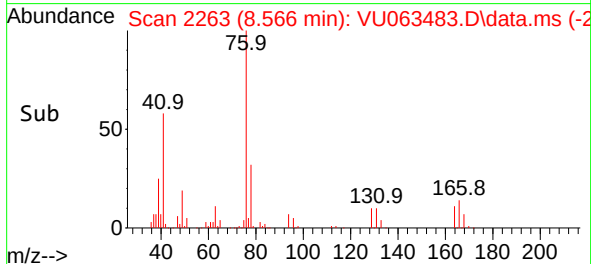
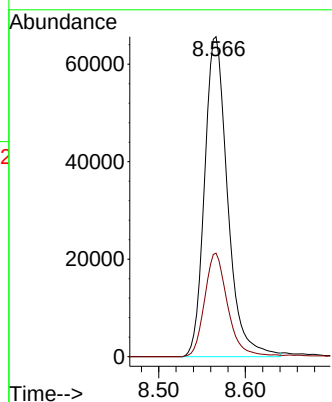
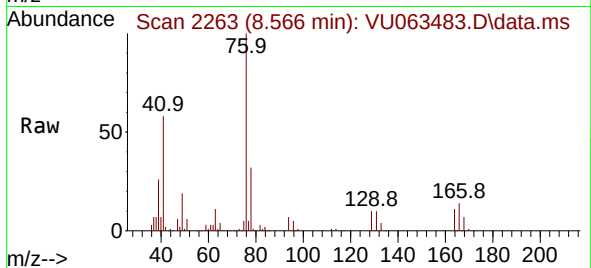
VSTDCCC050

Tgt Ion: 76 Resp: 121334

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.580 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063483.D

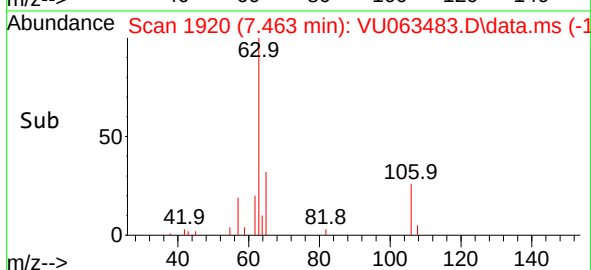
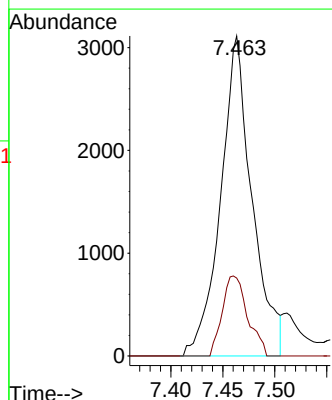
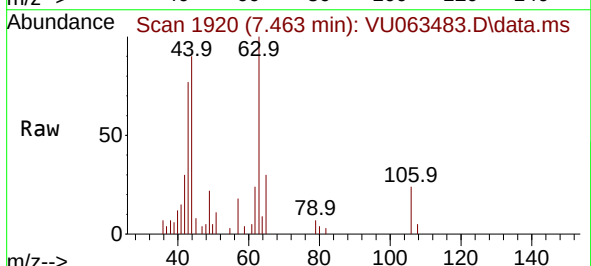
Acq: 11 Jul 2025 08:22

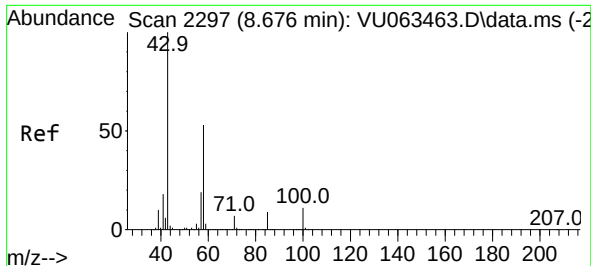
Tgt Ion: 63 Resp: 6536

Ion Ratio Lower Upper

63 100

106 20.2 11.5 17.3#

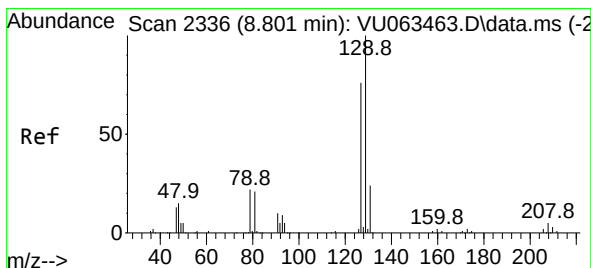
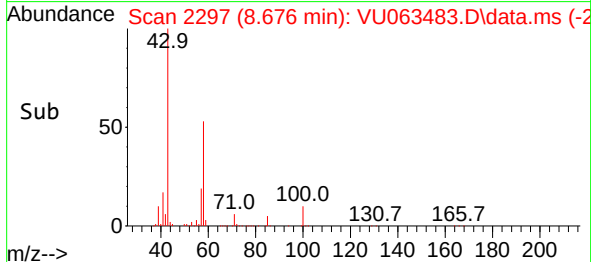
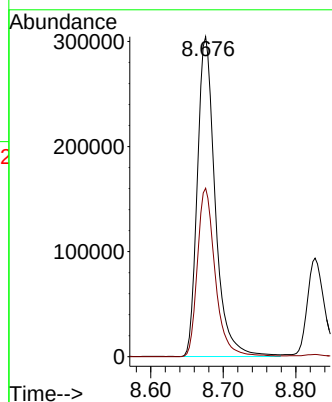
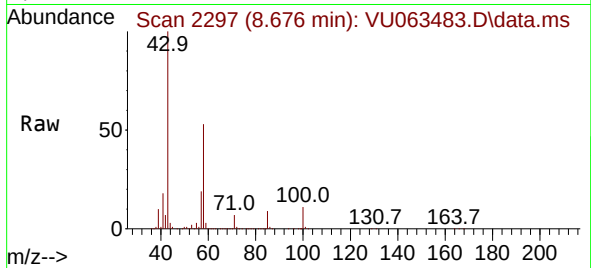




#59  
2-Hexanone  
Concen: 262.740 ug/l  
RT: 8.676 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

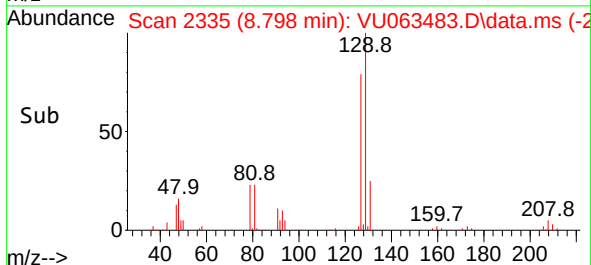
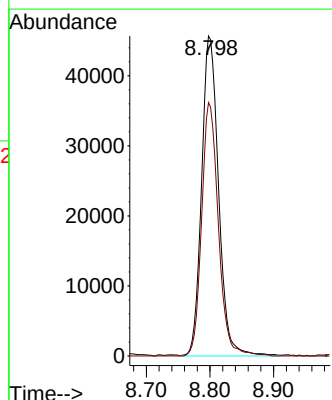
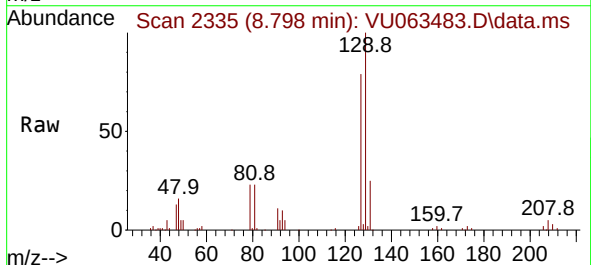
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

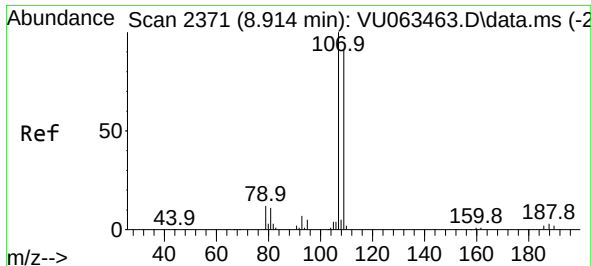
Tgt Ion: 43 Resp: 520104  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.9 80.7



#60  
Dibromochloromethane  
Concen: 51.913 ug/l  
RT: 8.798 min Scan# 2335  
Delta R.T. -0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 129 Resp: 84803  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.2

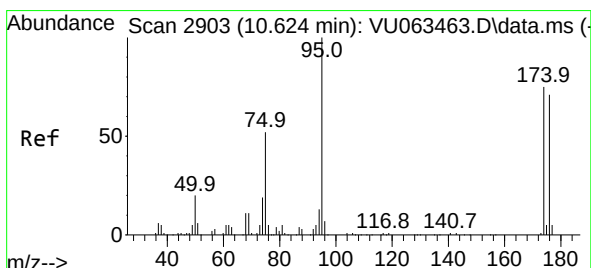
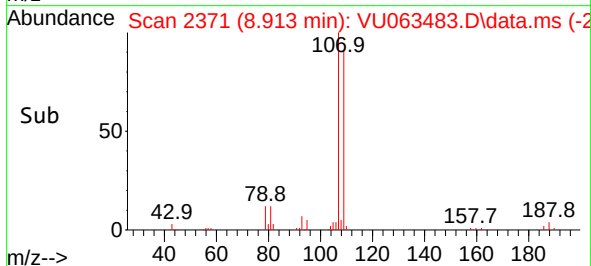
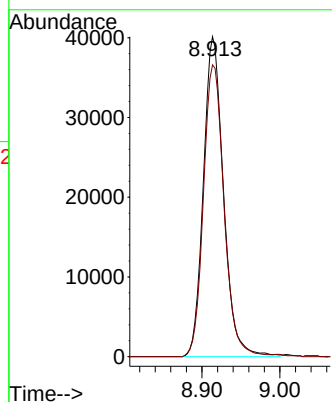
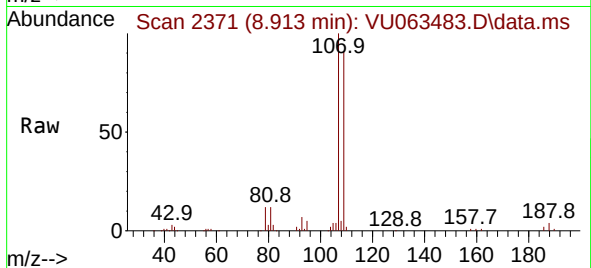




#61  
1,2-Dibromoethane  
Concen: 50.282 ug/l  
RT: 8.913 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

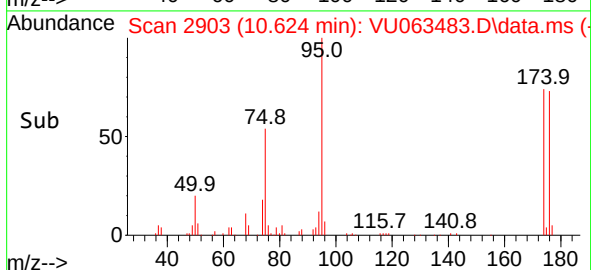
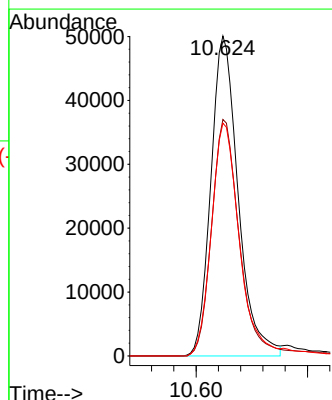
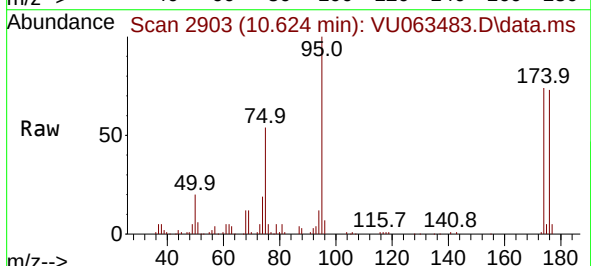
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

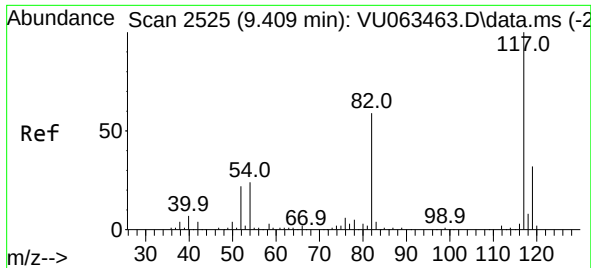
Tgt Ion:107 Resp: 71965  
Ion Ratio Lower Upper  
107 100  
109 93.5 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 48.335 ug/l  
RT: 10.624 min Scan# 2903  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 95 Resp: 85257  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 153.6  
176 76.4 0.0 145.8

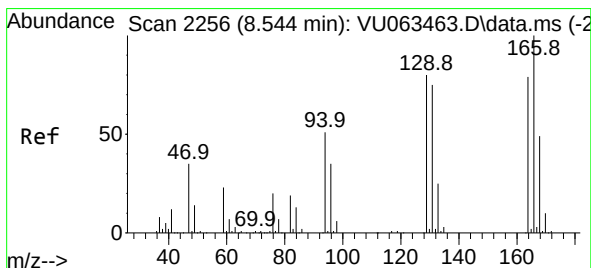
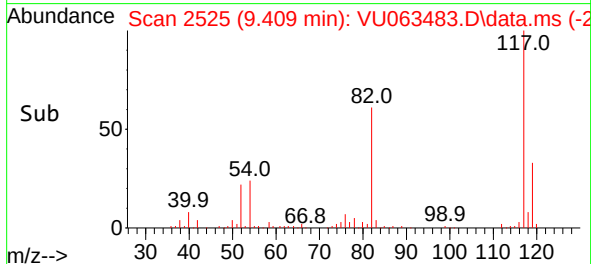
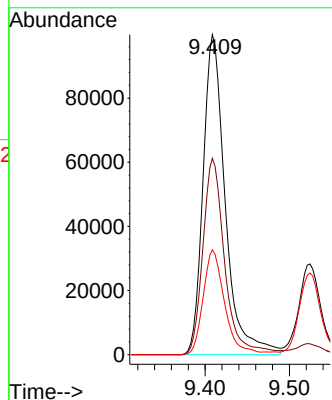
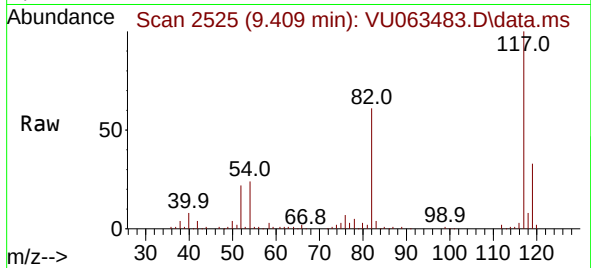




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.409 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

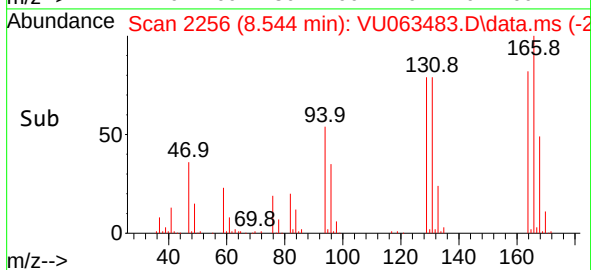
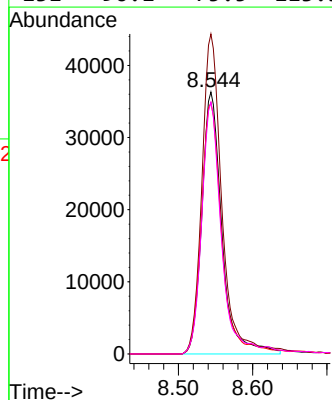
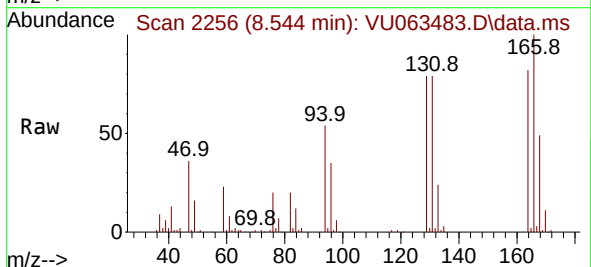
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

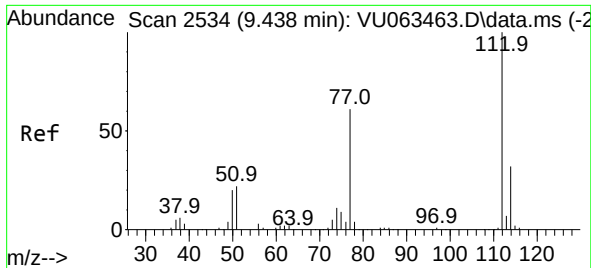
Tgt Ion:117 Resp: 183192  
Ion Ratio Lower Upper  
117 100  
82 61.3 47.1 70.7  
119 32.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.867 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:164 Resp: 68005  
Ion Ratio Lower Upper  
164 100  
166 122.1 100.9 151.3  
129 95.9 80.9 121.3  
131 96.1 75.5 113.3

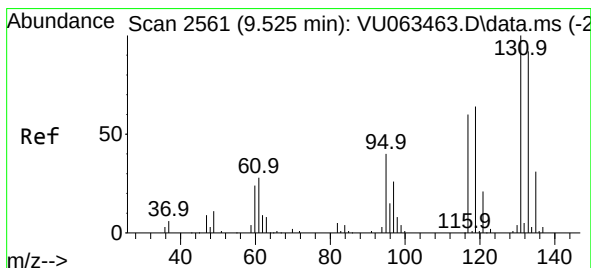
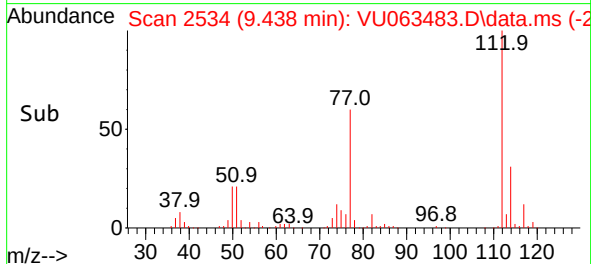
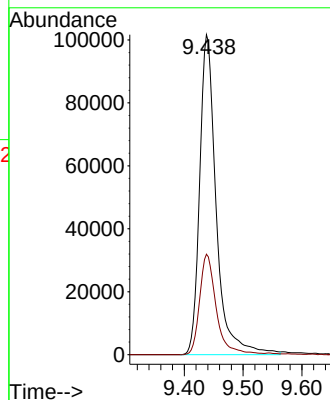
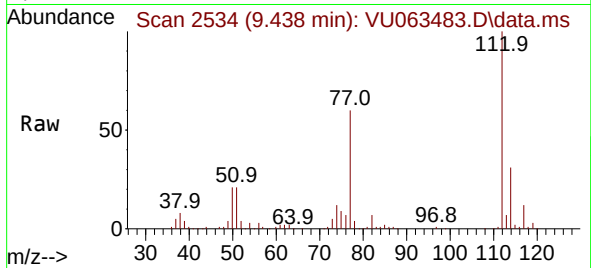




#65  
Chlorobenzene  
Concen: 52.238 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

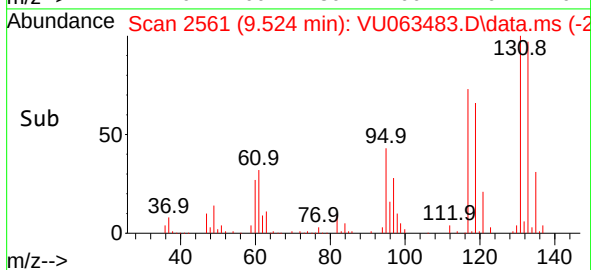
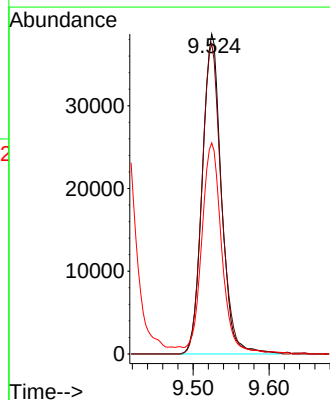
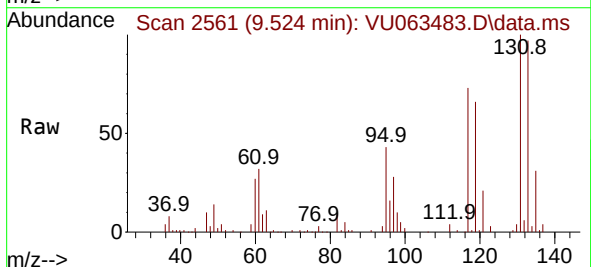
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

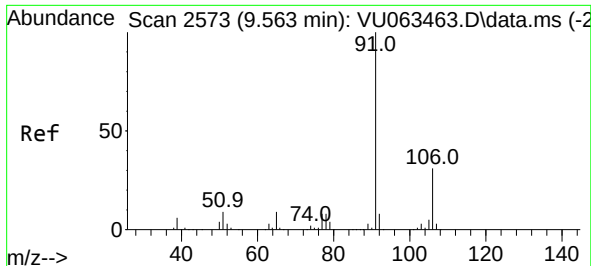
Tgt Ion:112 Resp: 199095  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.680 ug/l  
RT: 9.524 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:131 Resp: 67551  
Ion Ratio Lower Upper  
131 100  
133 98.7 46.4 139.2  
119 66.9 33.3 99.9





#67

Ethyl Benzene

Concen: 51.234 ug/l

RT: 9.560 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

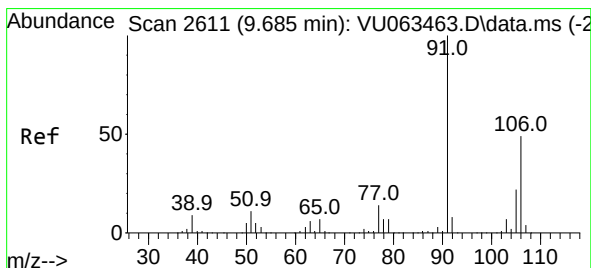
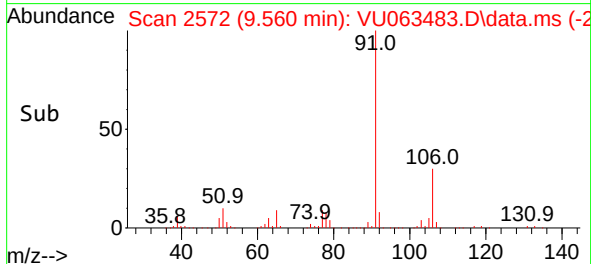
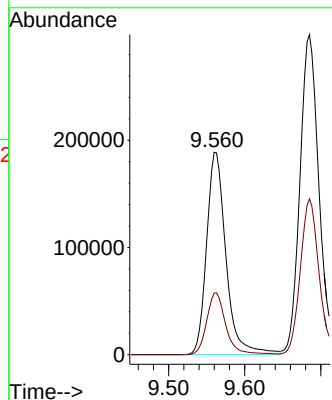
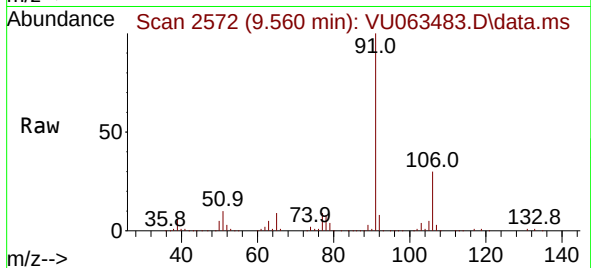
VSTDCCC050

Tgt Ion: 91 Resp: 335607

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 101.957 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063483.D

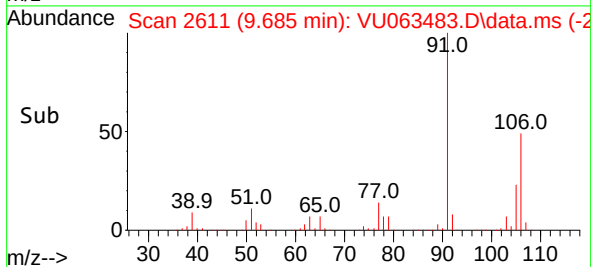
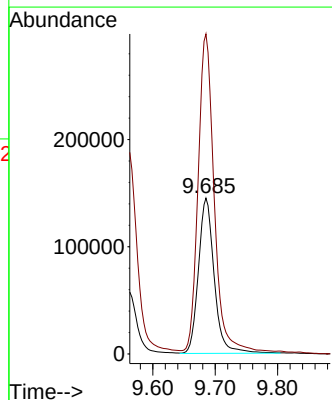
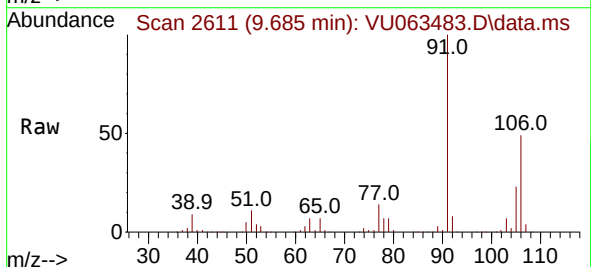
Acq: 11 Jul 2025 08:22

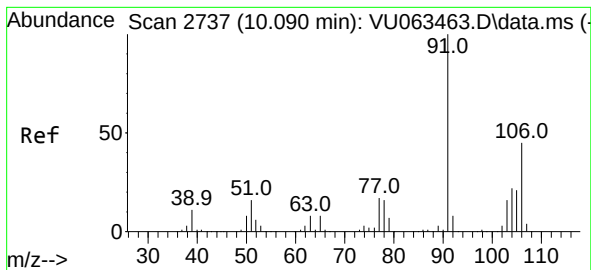
Tgt Ion:106 Resp: 254888

Ion Ratio Lower Upper

106 100

91 206.7 163.6 245.4





#69

o-Xylene

Concen: 50.946 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

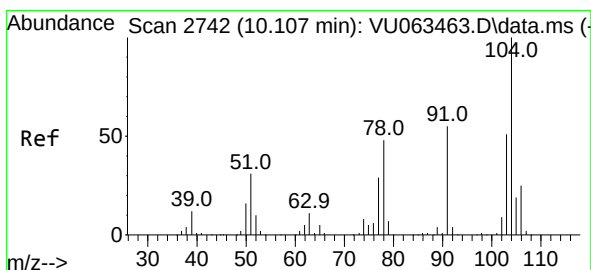
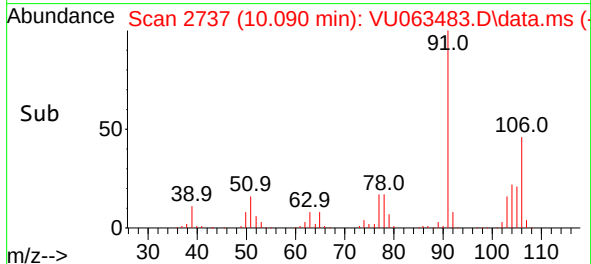
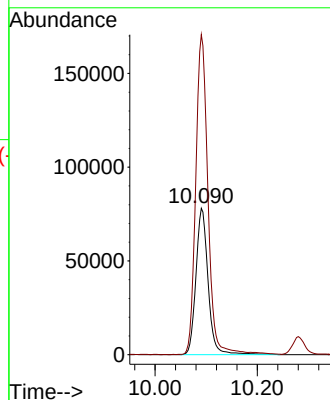
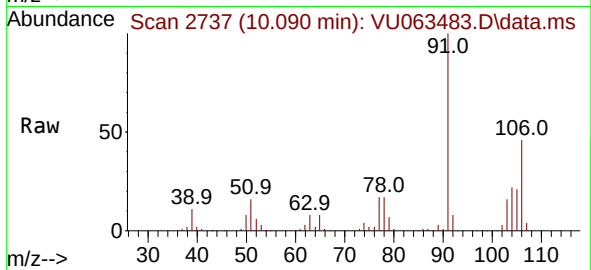
VSTDCCC050

Tgt Ion:106 Resp: 129489

Ion Ratio Lower Upper

106 100

91 217.6 110.7 331.9



#70

Styrene

Concen: 52.831 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

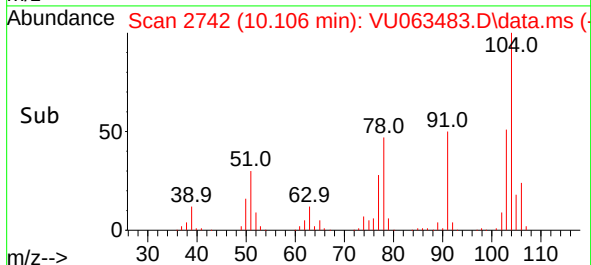
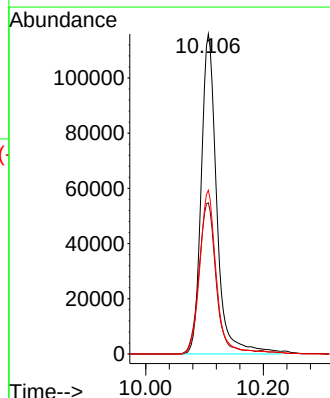
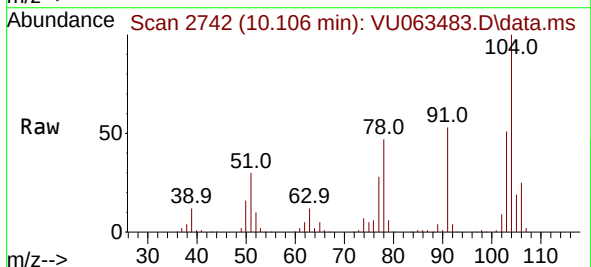
Tgt Ion:104 Resp: 213507

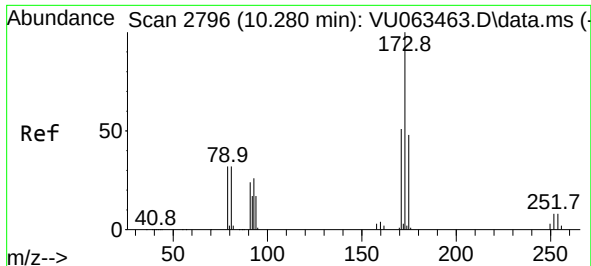
Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.0

103 54.9 44.3 66.5

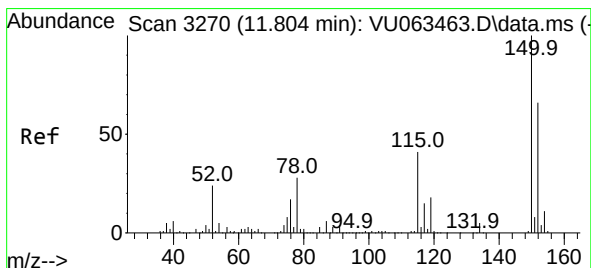
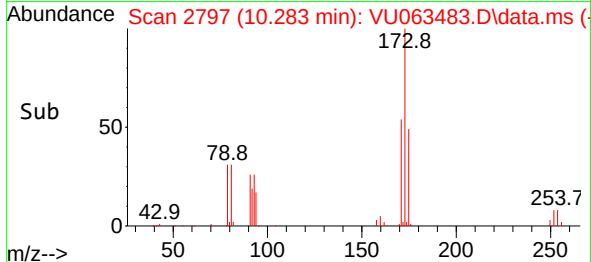
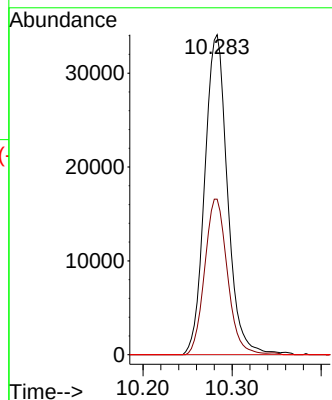
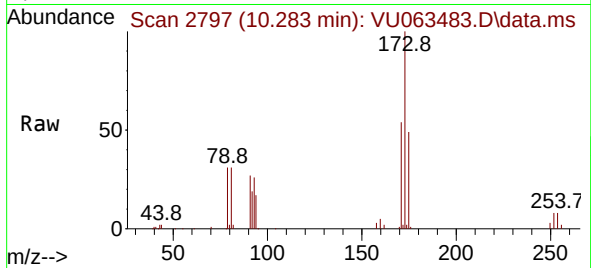




#71  
Bromoform  
Concen: 53.035 ug/l  
RT: 10.283 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

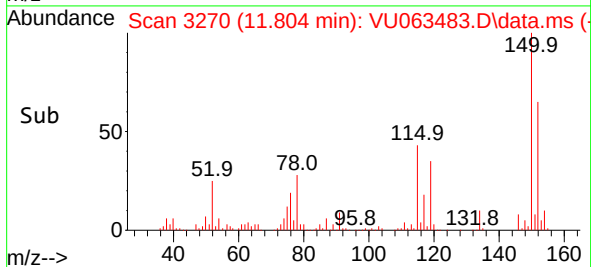
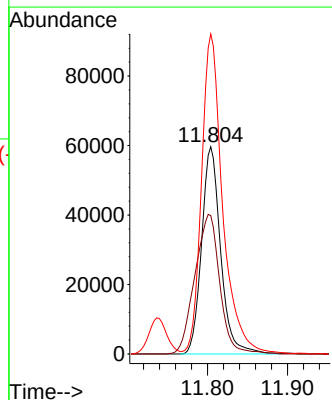
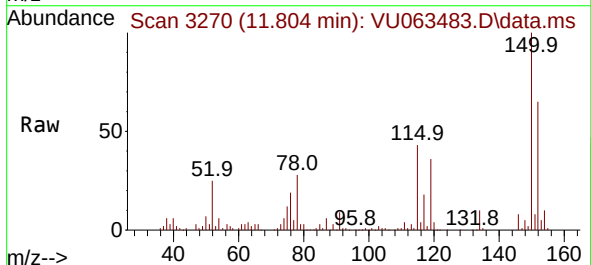
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 60422  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.0 72.0  
254 0.0 0.0 0.0

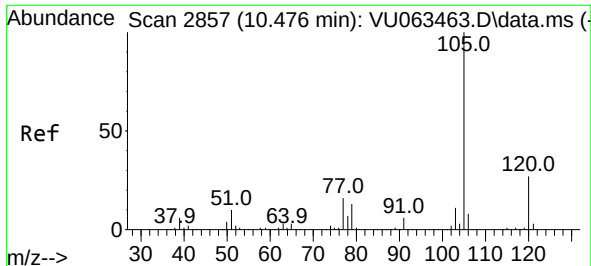


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.804 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:152 Resp: 98927  
Ion Ratio Lower Upper  
152 100  
115 87.8 43.4 130.2  
150 171.0 0.0 341.4



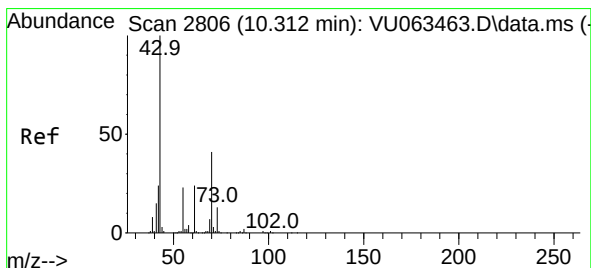
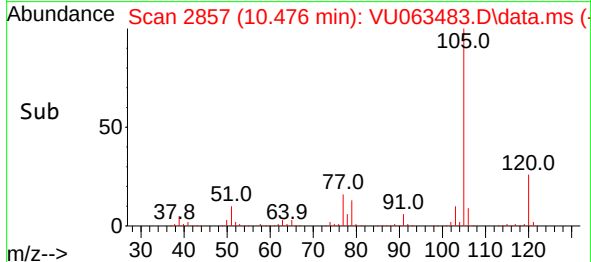
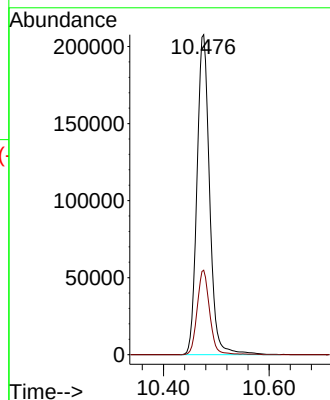
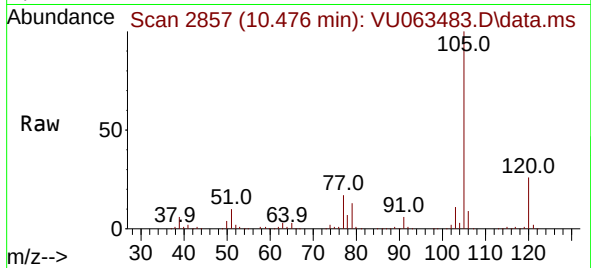




#73  
Isopropylbenzene  
Concen: 51.144 ug/l  
RT: 10.476 min Scan# 2857  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

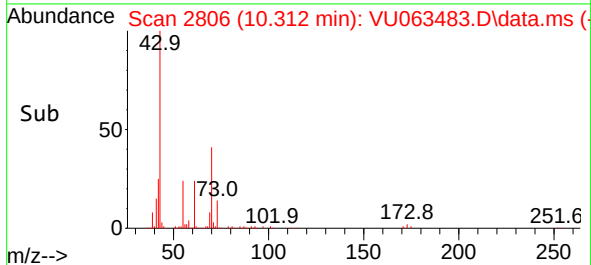
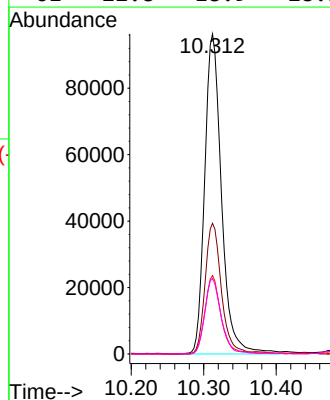
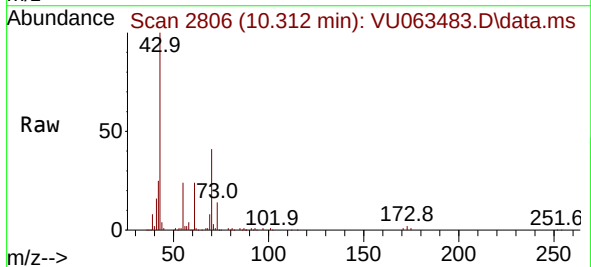
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

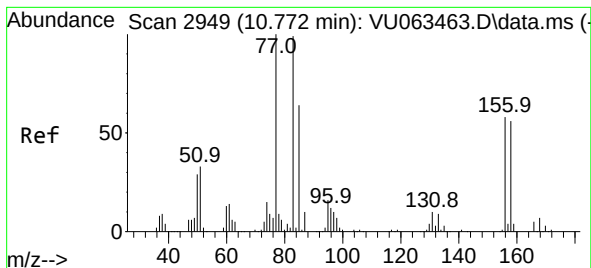
Tgt Ion:105 Resp: 344265  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.1



#74  
N-ethyl acetate  
Concen: 51.549 ug/l  
RT: 10.312 min Scan# 2806  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 155610  
Ion Ratio Lower Upper  
43 100  
70 39.2 32.6 48.8  
55 23.5 18.6 27.8  
61 22.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.494 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

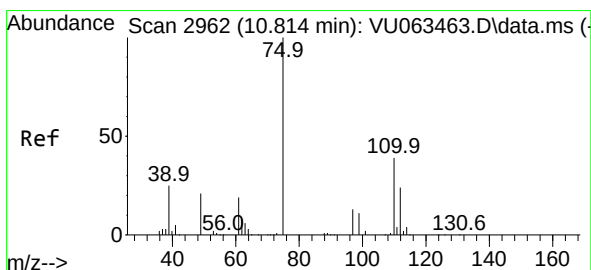
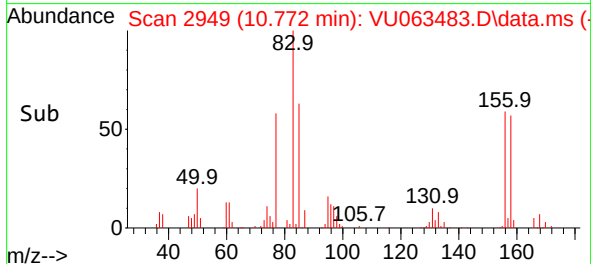
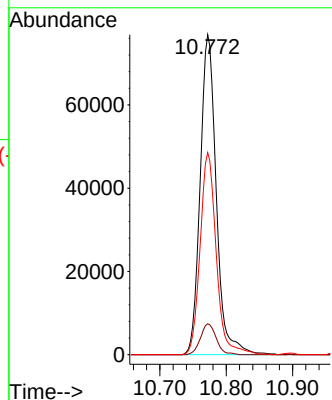
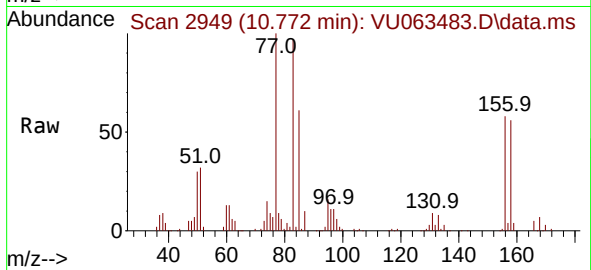
Tgt Ion: 83 Resp: 130067

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 63.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 51.485 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063483.D

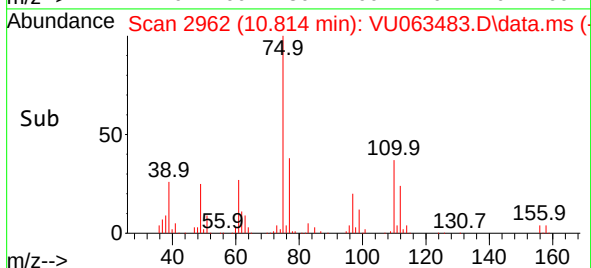
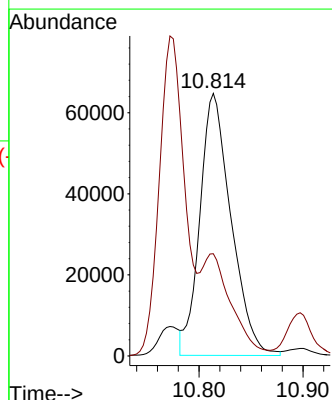
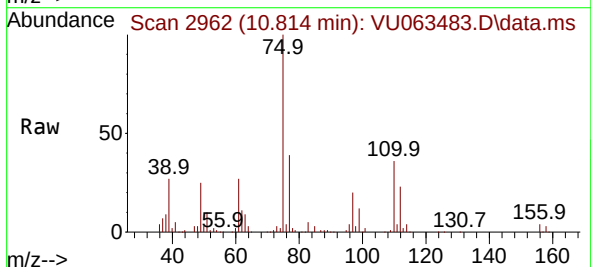
Acq: 11 Jul 2025 08:22

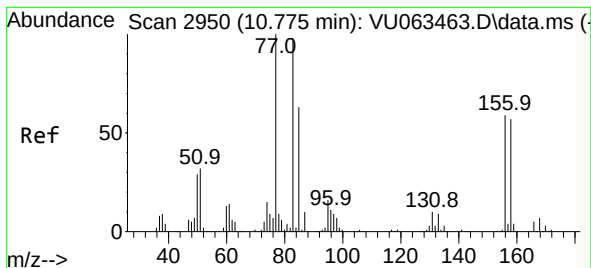
Tgt Ion: 75 Resp: 134962

Ion Ratio Lower Upper

75 100

77 0.0 3.1 9.4#





#77

Bromobenzene

Concen: 50.214 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

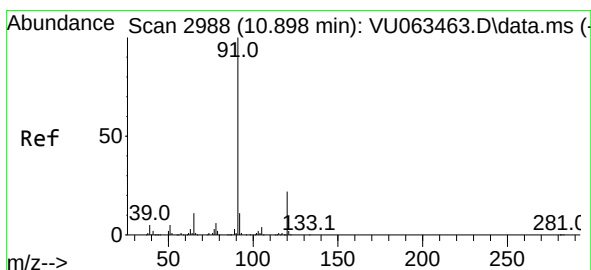
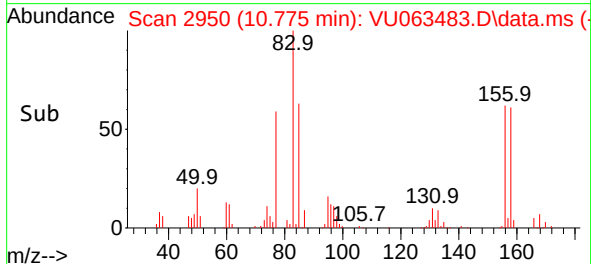
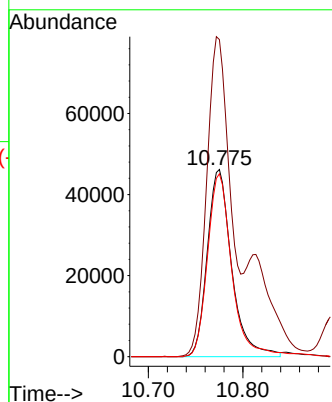
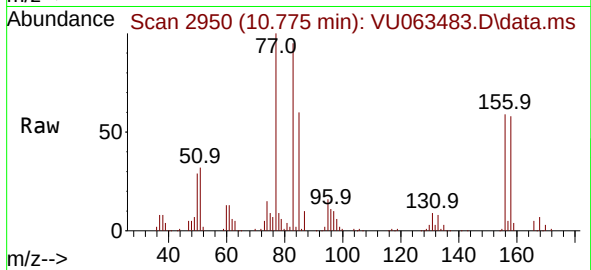
Tgt Ion:156 Resp: 82853

Ion Ratio Lower Upper

156 100

77 161.6 78.2 234.6

158 98.3 46.8 140.4



#78

n-propylbenzene

Concen: 50.786 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063483.D

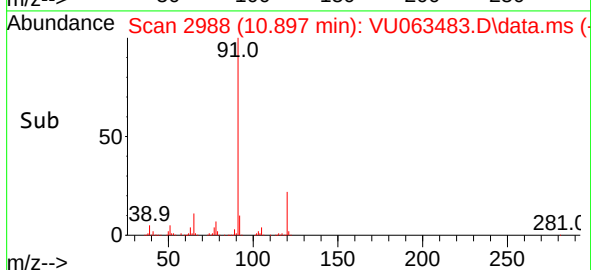
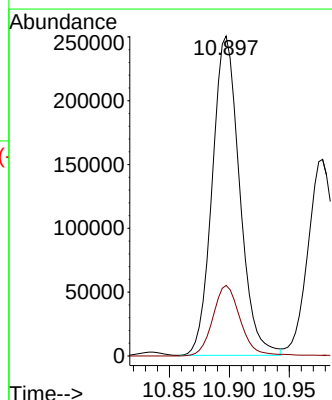
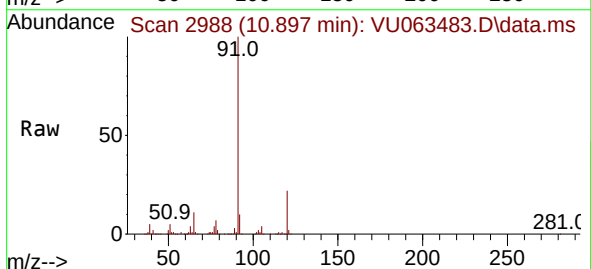
Acq: 11 Jul 2025 08:22

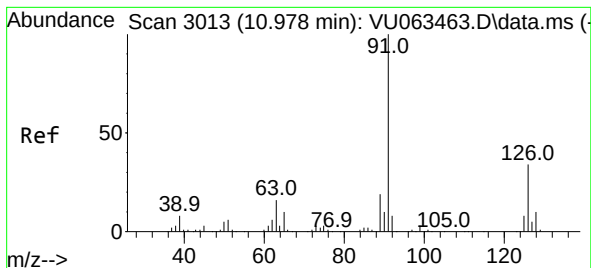
Tgt Ion: 91 Resp: 396456

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.209 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

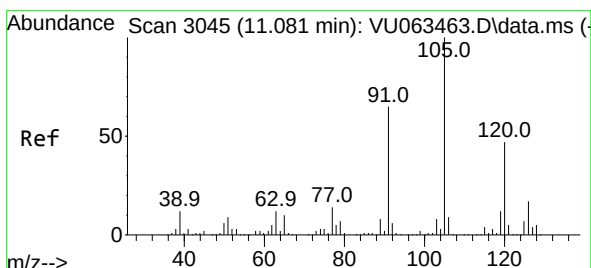
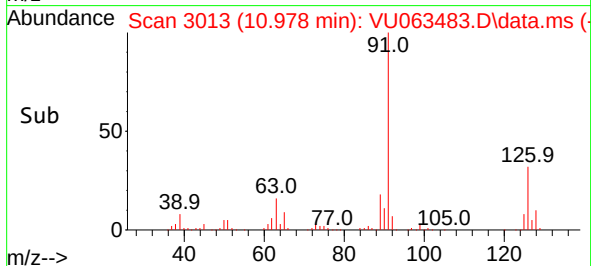
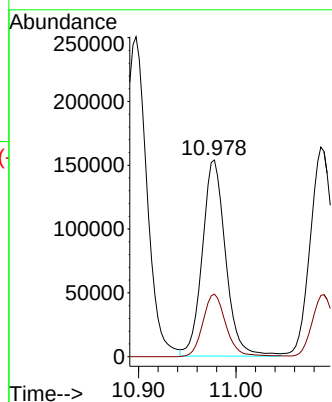
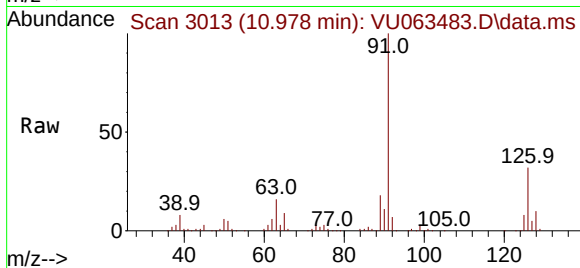
VSTDCCC050

Tgt Ion: 91 Resp: 255611

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 50.082 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063483.D

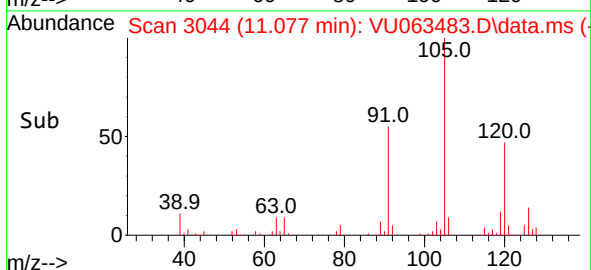
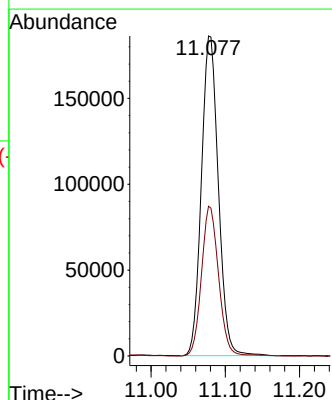
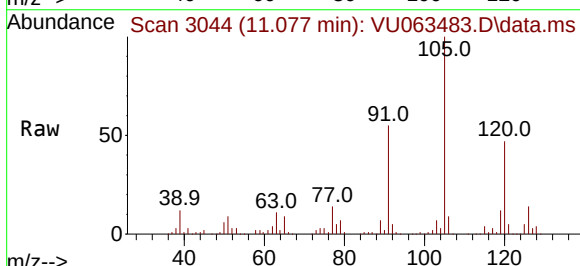
Acq: 11 Jul 2025 08:22

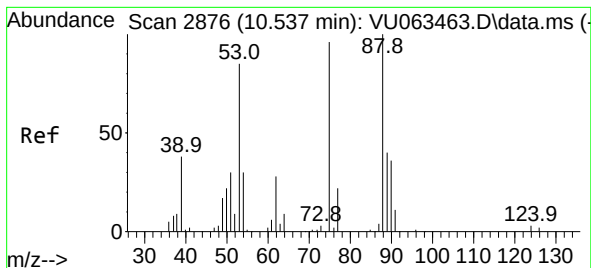
Tgt Ion:105 Resp: 294861

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.2

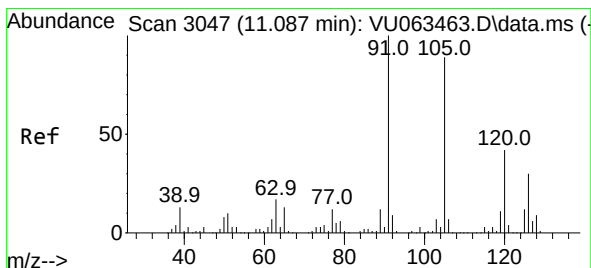
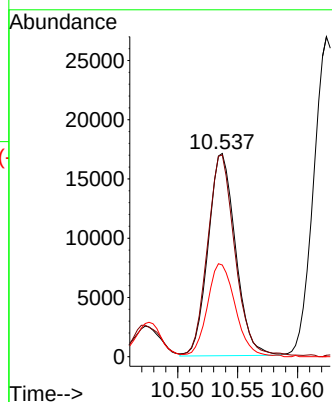
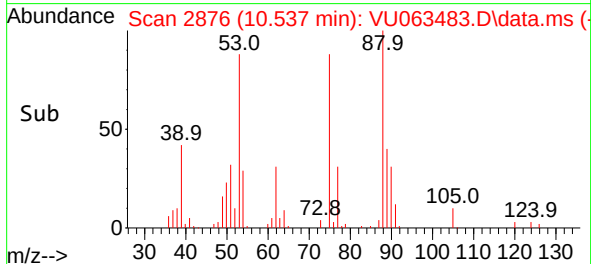
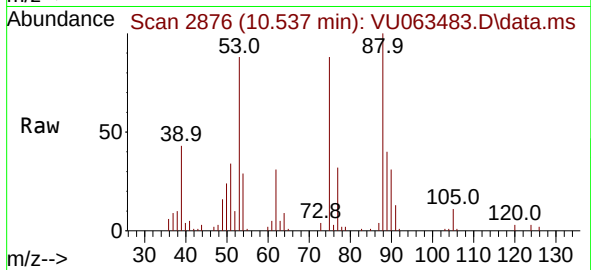




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.451 ug/l  
RT: 10.537 min Scan# 2876  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

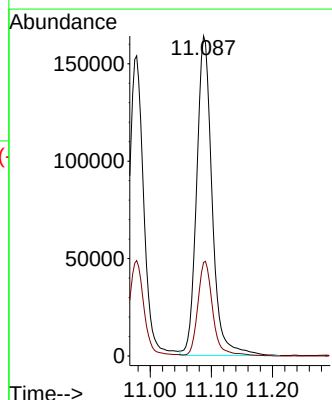
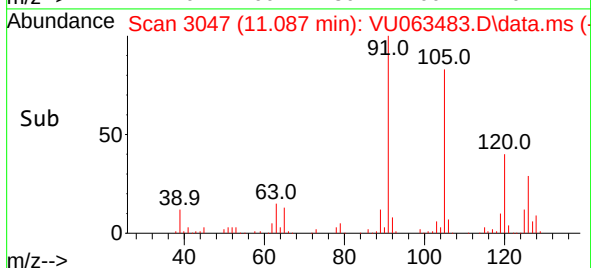
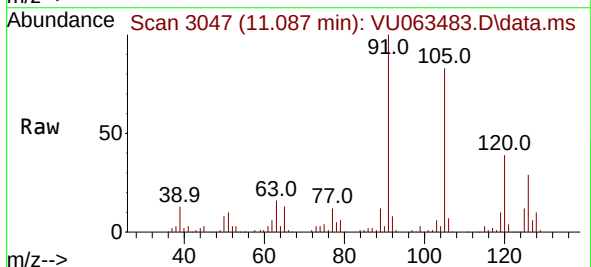
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

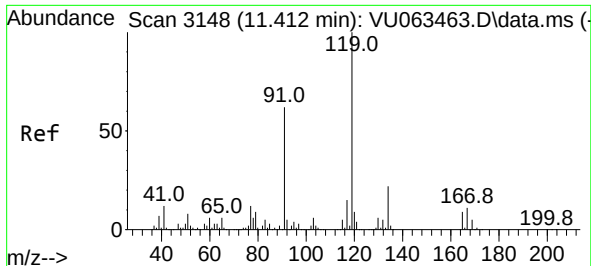
Tgt Ion: 75 Resp: 27042  
Ion Ratio Lower Upper  
75 100  
53 99.5 74.6 111.8  
89 47.2 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 51.880 ug/l  
RT: 11.087 min Scan# 3047  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 91 Resp: 288365  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.4 43.2

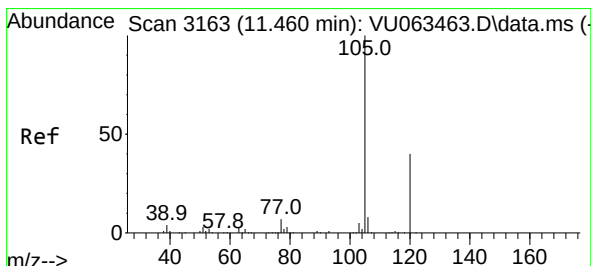
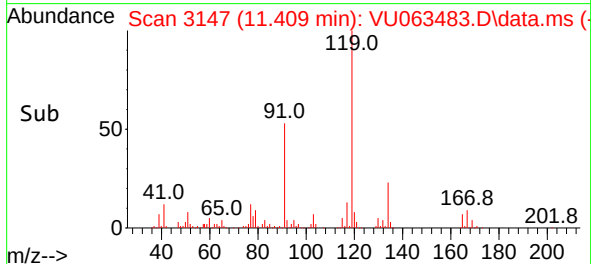
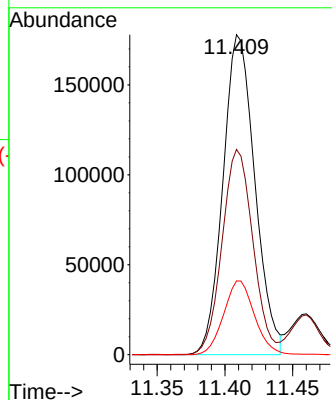
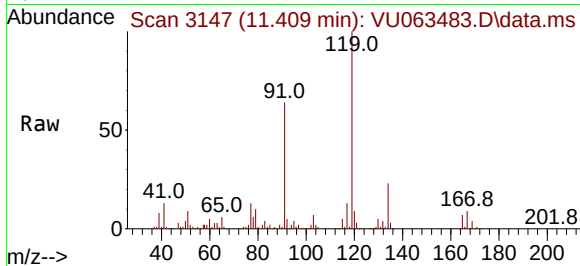




#83  
 tert-Butylbenzene  
 Concen: 51.571 ug/l  
 RT: 11.409 min Scan# 3147  
 Delta R.T. -0.003 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

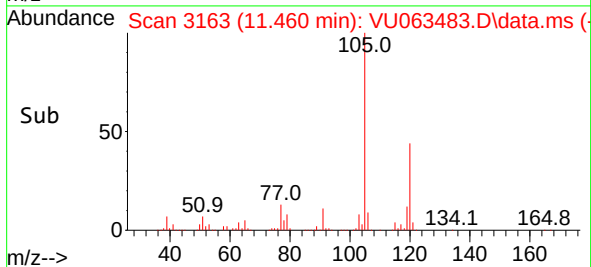
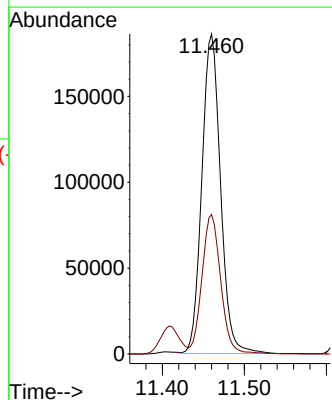
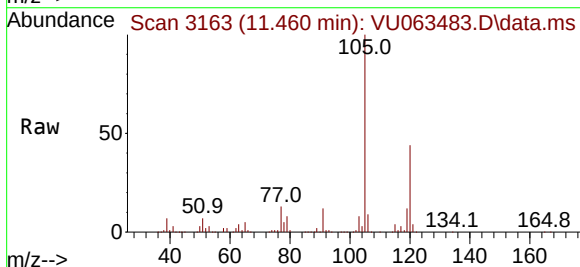
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

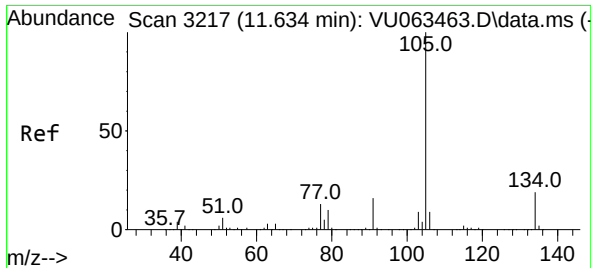
Tgt Ion:119 Resp: 291180  
 Ion Ratio Lower Upper  
 119 100  
 91 62.0 30.3 91.0  
 134 22.4 11.2 33.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.945 ug/l  
 RT: 11.460 min Scan# 3163  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

Tgt Ion:105 Resp: 294538  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.1 66.3

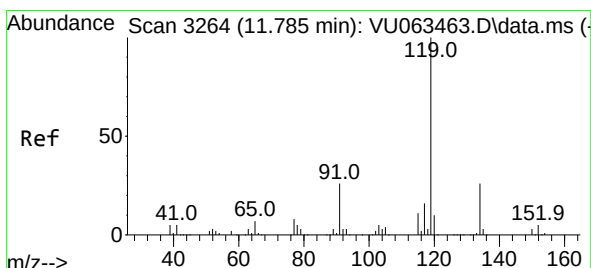
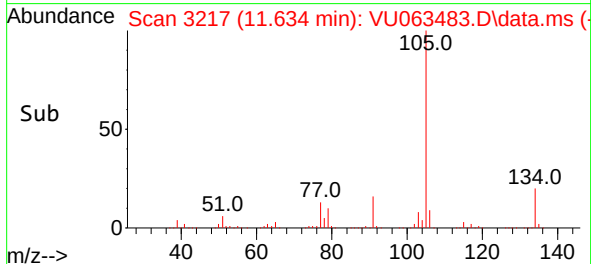
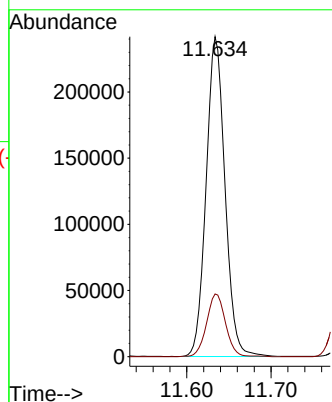
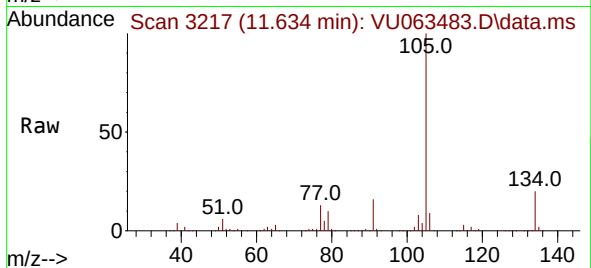




#85  
 sec-Butylbenzene  
 Concen: 50.525 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

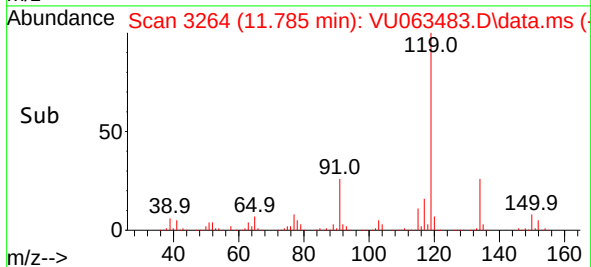
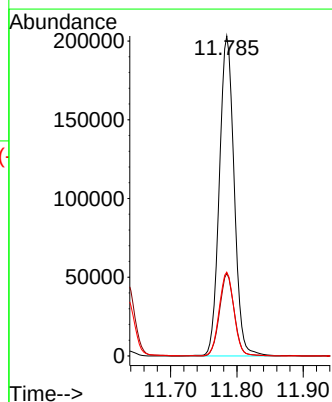
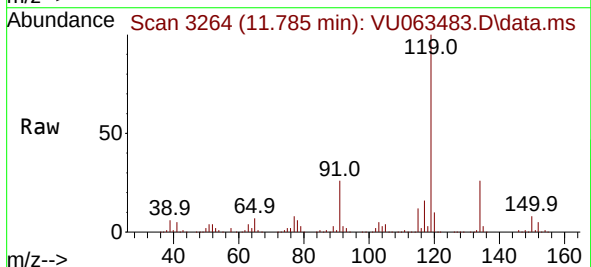
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

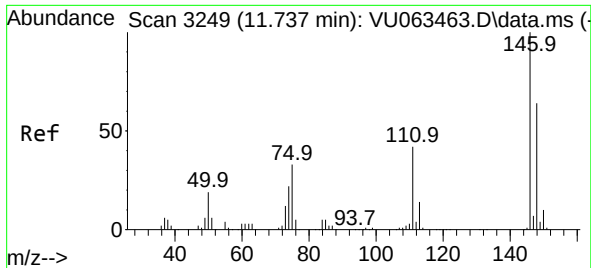
Tgt Ion:105 Resp: 376432  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 52.018 ug/l  
 RT: 11.785 min Scan# 3264  
 Delta R.T. -0.000 min  
 Lab File: VU063483.D  
 Acq: 11 Jul 2025 08:22

Tgt Ion:119 Resp: 314414  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.0 38.9  
 91 26.1 13.0 38.9

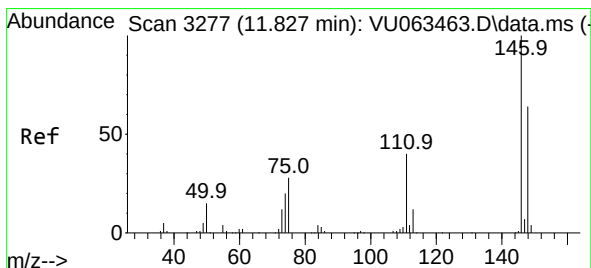
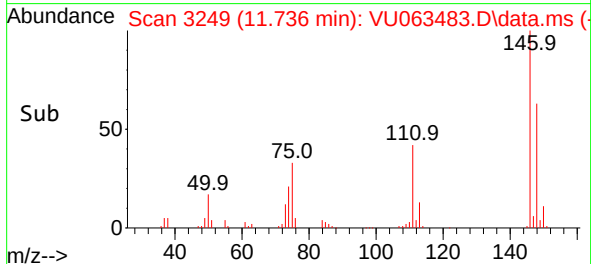
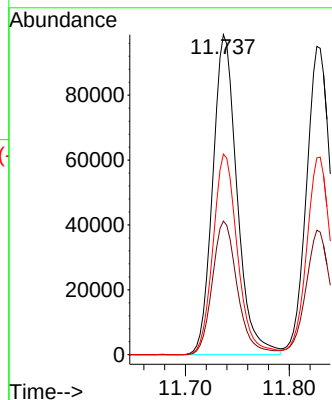
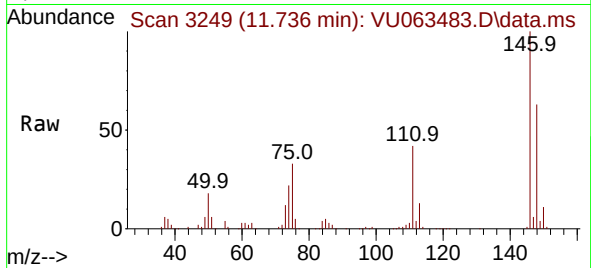




#87  
1,3-Dichlorobenzene  
Concen: 50.510 ug/l  
RT: 11.736 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

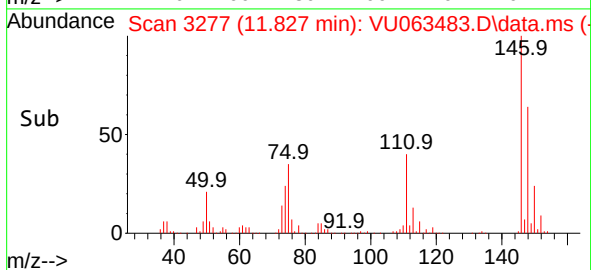
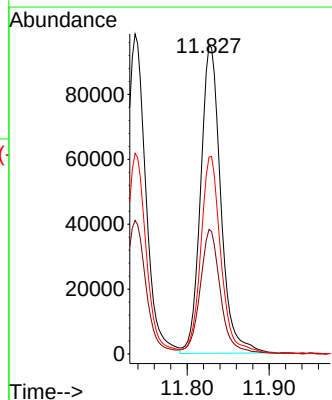
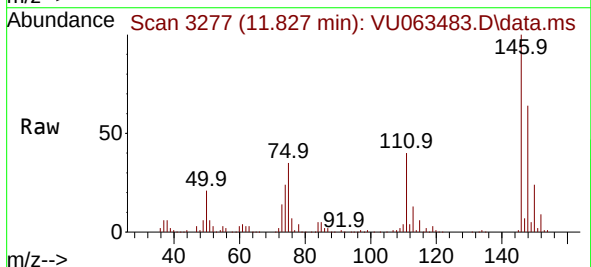
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 160601  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.9 62.7  
148 63.5 31.9 95.9

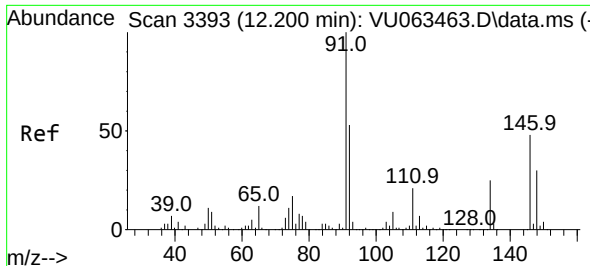


#88  
1,4-Dichlorobenzene  
Concen: 50.035 ug/l  
RT: 11.827 min Scan# 3277  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion:146 Resp: 162198  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.8 62.4  
148 64.7 31.9 95.9



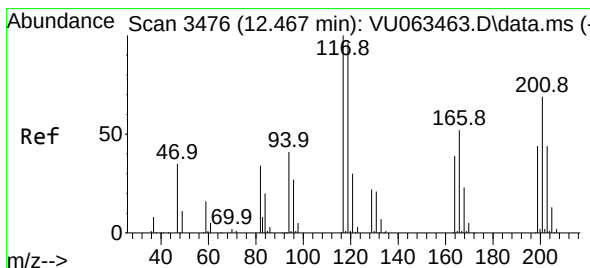
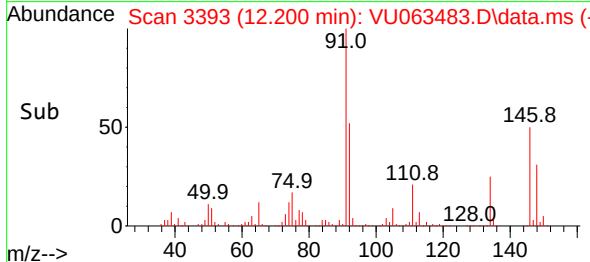
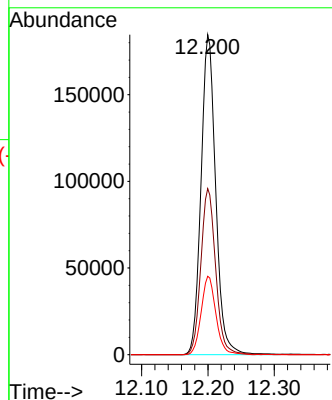
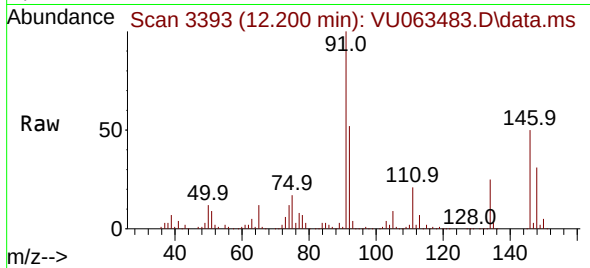




#89  
n-Butylbenzene  
Concen: 50.783 ug/l  
RT: 12.200 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

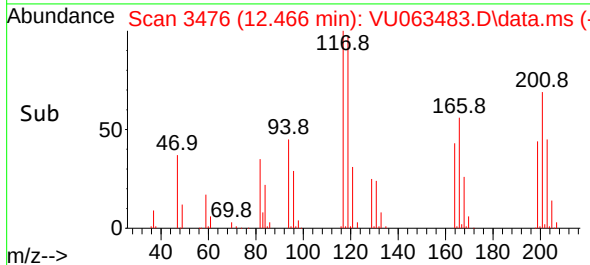
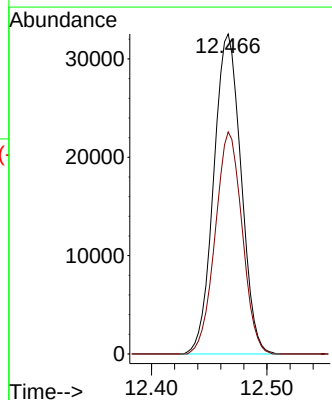
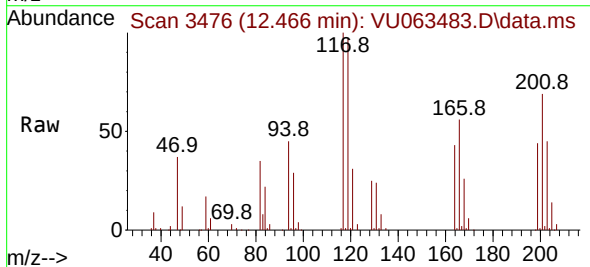
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

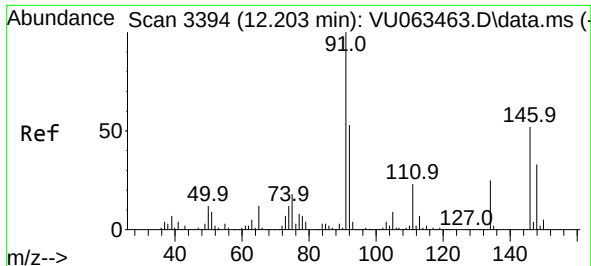
Tgt Ion: 91 Resp: 284094  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.4 79.2  
134 24.7 12.4 37.0



#90  
Hexachloroethane  
Concen: 52.946 ug/l  
RT: 12.466 min Scan# 3476  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 117 Resp: 53524  
Ion Ratio Lower Upper  
117 100  
201 68.4 34.4 103.2

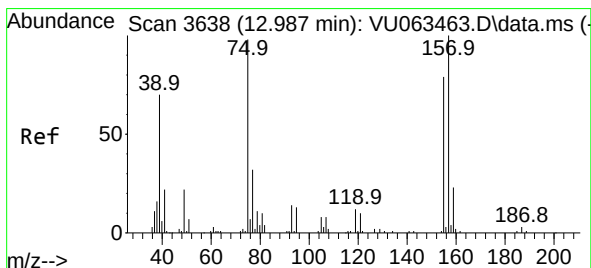
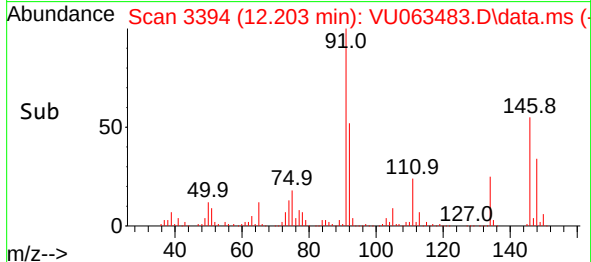
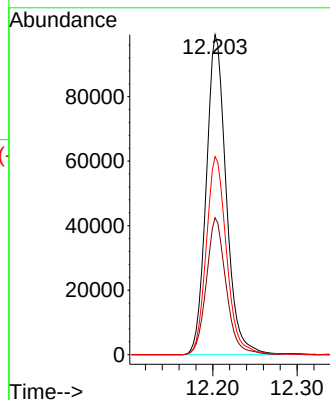
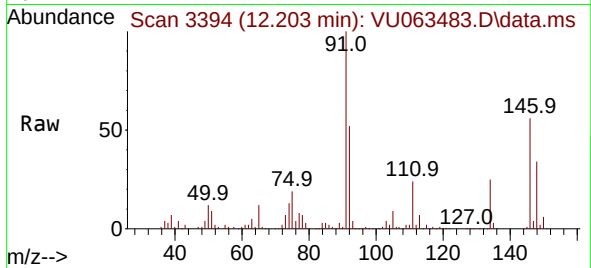




#91  
1,2-Dichlorobenzene  
Concen: 52.689 ug/l  
RT: 12.203 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

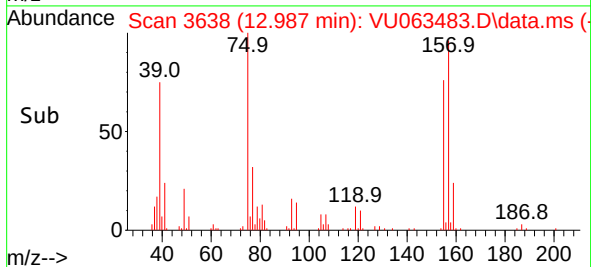
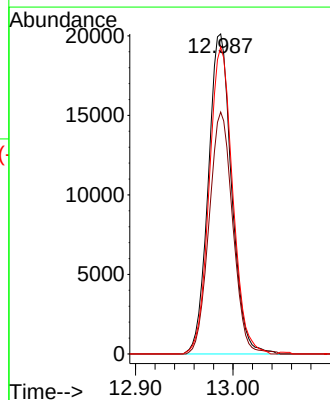
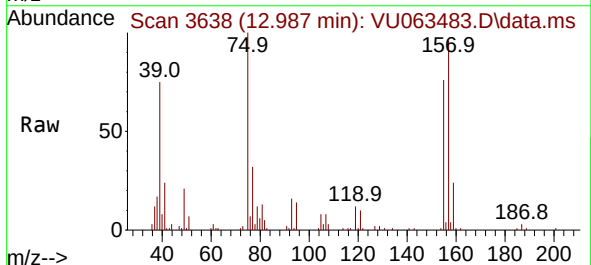
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050

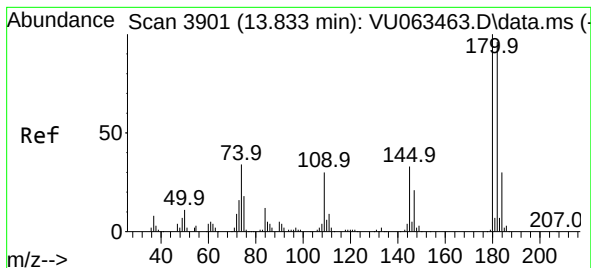
Tgt Ion:146 Resp: 163363  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.9 65.5  
148 63.2 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.155 ug/l  
RT: 12.987 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VU063483.D  
Acq: 11 Jul 2025 08:22

Tgt Ion: 75 Resp: 33540  
Ion Ratio Lower Upper  
75 100  
155 76.4 39.1 117.5  
157 96.4 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 50.554 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

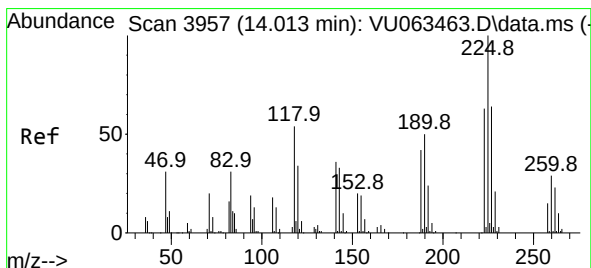
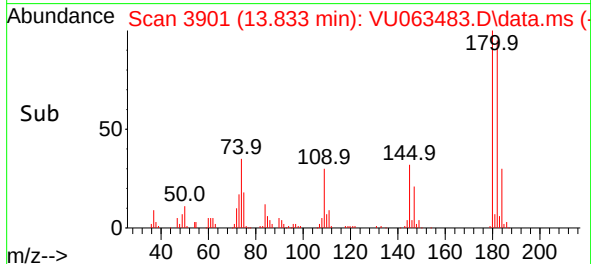
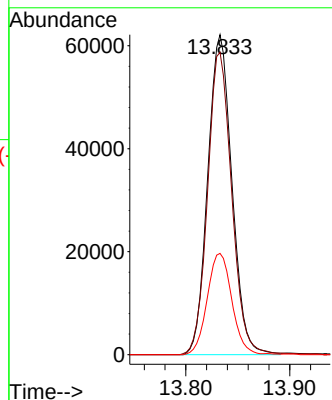
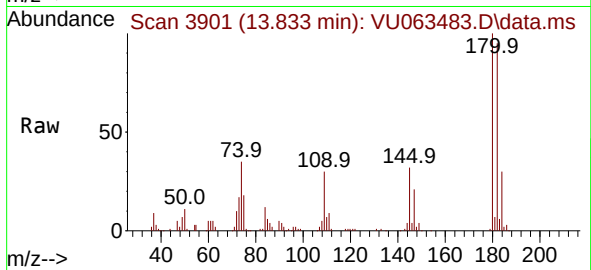
Tgt Ion:180 Resp: 100379

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 32.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 50.507 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

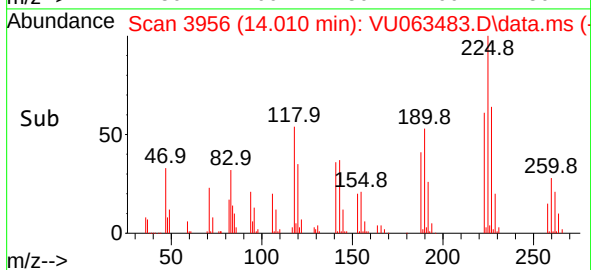
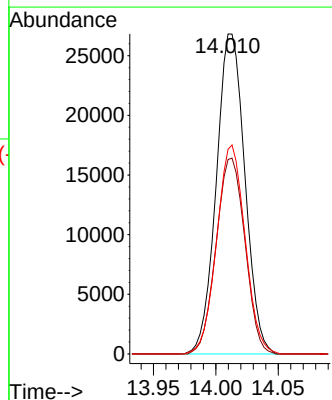
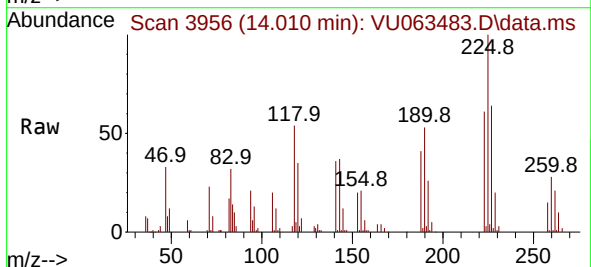
Tgt Ion:225 Resp: 42869

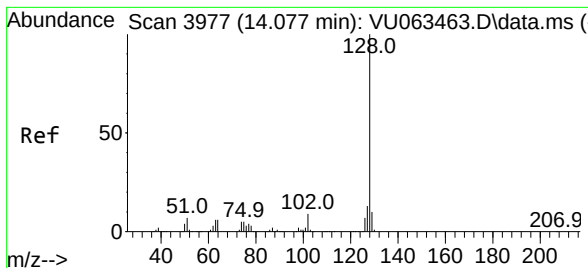
Ion Ratio Lower Upper

225 100

223 61.7 32.4 97.0

227 64.7 32.3 96.9





#95

Naphthalene

Concen: 48.394 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

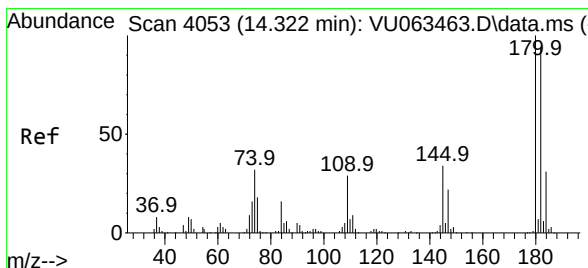
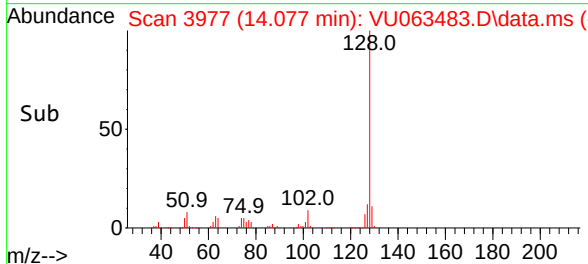
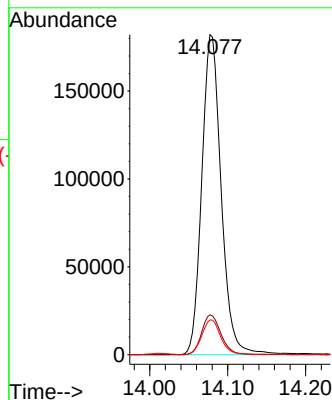
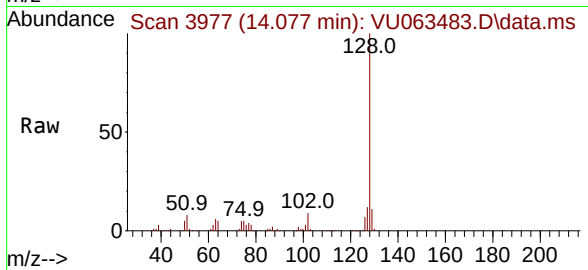
Tgt Ion:128 Resp: 314691

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.109 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Tgt Ion:180 Resp: 99731

Ion Ratio Lower Upper

180 100

182 93.2 47.8 143.3

145 35.2 17.2 51.5

