

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102921\  
 Data File : VX025021.D  
 Acq On : 29 Oct 2021 13:37  
 Operator : JC/MD  
 Sample : MDL03  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL03

Manual Integrations  
 APPROVED

MMDadoda  
 11/2/2021 2:32:42 PM

Quant Time: Oct 30 01:31:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM102821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 30 01:06:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 166991   | 50.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 147943   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 67368    | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 40944    | 38.464   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 76.920%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 32700    | 44.941   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 89.880%  |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 84550    | 32.233   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 64.460%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 101411   | 95.379   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 95.380%  |
| 24) Chloroform-d              | 5.068   | 84    | 125783   | 45.160   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.320%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 93380    | 45.718   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 91.440%  |
| 32) Benzene-d6                | 5.983   | 84    | 197804   | 47.106   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 94.220%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 68640    | 47.965   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 95.940%  |
| 41) Toluene-d8                | 8.653   | 98    | 186401   | 46.399   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 92.800%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 38331    | 46.610   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 93.220%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 72536m   | 99.555   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 99.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 96257    | 49.743   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 99.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 64497    | 49.338   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 98.680%  |
| Target Compounds              |         |       |          |          |       |          |
|                               |         |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 3157     | 2.014    | ug/L  | 92       |
| 3) Chloromethane              | 1.288   | 50    | 2034     | 1.866    | ug/L  | 83       |
| 5) Vinyl chloride             | 1.374   | 62    | 2556     | 2.084    | ug/L  | # 67     |
| 6) Bromomethane               | 1.611   | 94    | 1551     | 1.966    | ug/L  | 94       |
| 8) Chloroethane               | 1.697   | 64    | 1370m    | 2.211    | ug/L  |          |
| 9) Trichlorofluoromethane     | 1.892   | 101   | 5032     | 1.849    | ug/L  | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 2974     | 2.409    | ug/L  | # 83     |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 2801     | 2.697    | ug/L  | # 1      |
| 13) Acetone                   | 2.386   | 43    | 3292     | 3.257    | ug/L  | 91       |
| 14) Carbon disulfide          | 2.514   | 76    | 5895     | 2.094    | ug/L  | # 93     |
| 15) Methyl Acetate            | 2.709   | 43    | 3244m    | 2.220    | ug/L  |          |
| 16) Methylene chloride        | 2.788   | 84    | 3183     | 2.706    | ug/L  | 83       |
| 17) trans-1,2-Dichloroethene  | 3.099   | 96    | 2357     | 2.216    | ug/L  | # 60     |
| 18) Methyl tert-butyl Ether   | 3.117   | 73    | 8424     | 1.918    | ug/L  | # 91     |
| 19) 1,1-Dichloroethane        | 3.617   | 63    | 4724m    | 1.911    | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 4.501   | 96    | 2602m    | 2.165    | ug/L  |          |
| 22) 2-Butanone                | 4.574   | 43    | 4179     | 3.359    | ug/L  | # 51     |
| 23) Bromochloromethane        | 4.910   | 128   | 1407m    | 2.344    | ug/L  |          |
| 27) 1,2-Dichloroethane        | 6.086   | 62    | 5146     | 2.116    | ug/L  | # 89     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102921\  
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 Operator : JC/MD  
 Sample : MDL03  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL03

Manual Integrations  
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 11/2/2021 2:32:42 PM

Quant Time: Oct 30 01:31:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM102821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 30 01:06:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 29) Cyclohexane               | 5.471  | 56   | 4089     | 2.039 | ug/L # | 50       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 4836     | 1.890 | ug/L # | 64       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 3683     | 1.699 | ug/L   | 83       |
| 33) Benzene                   | 6.044  | 78   | 9268     | 2.023 | ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 2342     | 1.695 | ug/L   | 92       |
| 35) Methylcyclohexane         | 7.385  | 83   | 3636     | 1.823 | ug/L # | 83       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 3020m    | 2.318 | ug/L   |          |
| 38) Bromodichloromethane      | 7.830  | 83   | 3989     | 2.004 | ug/L # | 95       |
| 39) cis-1,3-Dichloropropene   | 8.372  | 75   | 4122     | 1.946 | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 7800     | 3.854 | ug/L # | 75       |
| 42) Toluene                   | 8.726  | 91   | 12689    | 2.532 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 4474m    | 2.052 | ug/L   |          |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 2613     | 2.142 | ug/L   | 94       |
| 46) Tetrachloroethene         | 9.281  | 164  | 1881     | 2.181 | ug/L # | 72       |
| 48) 2-Hexanone                | 9.433  | 43   | 6292     | 3.762 | ug/L # | 92       |
| 49) Dibromochloromethane      | 9.525  | 129  | 2542     | 1.851 | ug/L   | 84       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 3133     | 2.328 | ug/L # | 84       |
| 51) Chlorobenzene             | 10.086 | 112  | 6136     | 2.047 | ug/L # | 93       |
| 52) Ethylbenzene              | 10.195 | 91   | 11165    | 1.930 | ug/L   | 91       |
| 53) m,p-Xylene                | 10.305 | 106  | 3849     | 1.935 | ug/L   | 93       |
| 54) o-Xylene                  | 10.646 | 106  | 3415     | 1.756 | ug/L   | 63       |
| 55) Styrene                   | 10.659 | 104  | 6358     | 1.933 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 4860     | 2.476 | ug/L # | 76       |
| 59) Bromoform                 | 10.805 | 173  | 1729     | 2.084 | ug/L # | 94       |
| 60) Isopropylbenzene          | 10.963 | 105  | 9168     | 1.785 | ug/L # | 92       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 3513     | 2.141 | ug/L   | 93       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 8275     | 1.861 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 8414     | 1.887 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.976 | 146  | 4206     | 2.105 | ug/L   | 88       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 4312     | 2.086 | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 12.341 | 146  | 4408     | 2.159 | ug/L # | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 1083     | 2.024 | ug/L # | 65       |
| 69) 1,3,5-Trichlorobenzene    | 13.116 | 180  | 2746     | 1.913 | ug/L   | 91       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 2747     | 2.258 | ug/L # | 84       |
| 71) Naphthalene               | 13.780 | 128  | 5979     | 1.421 | ug/L # | 94       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 2250     | 1.798 | ug/L   | 96       |

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

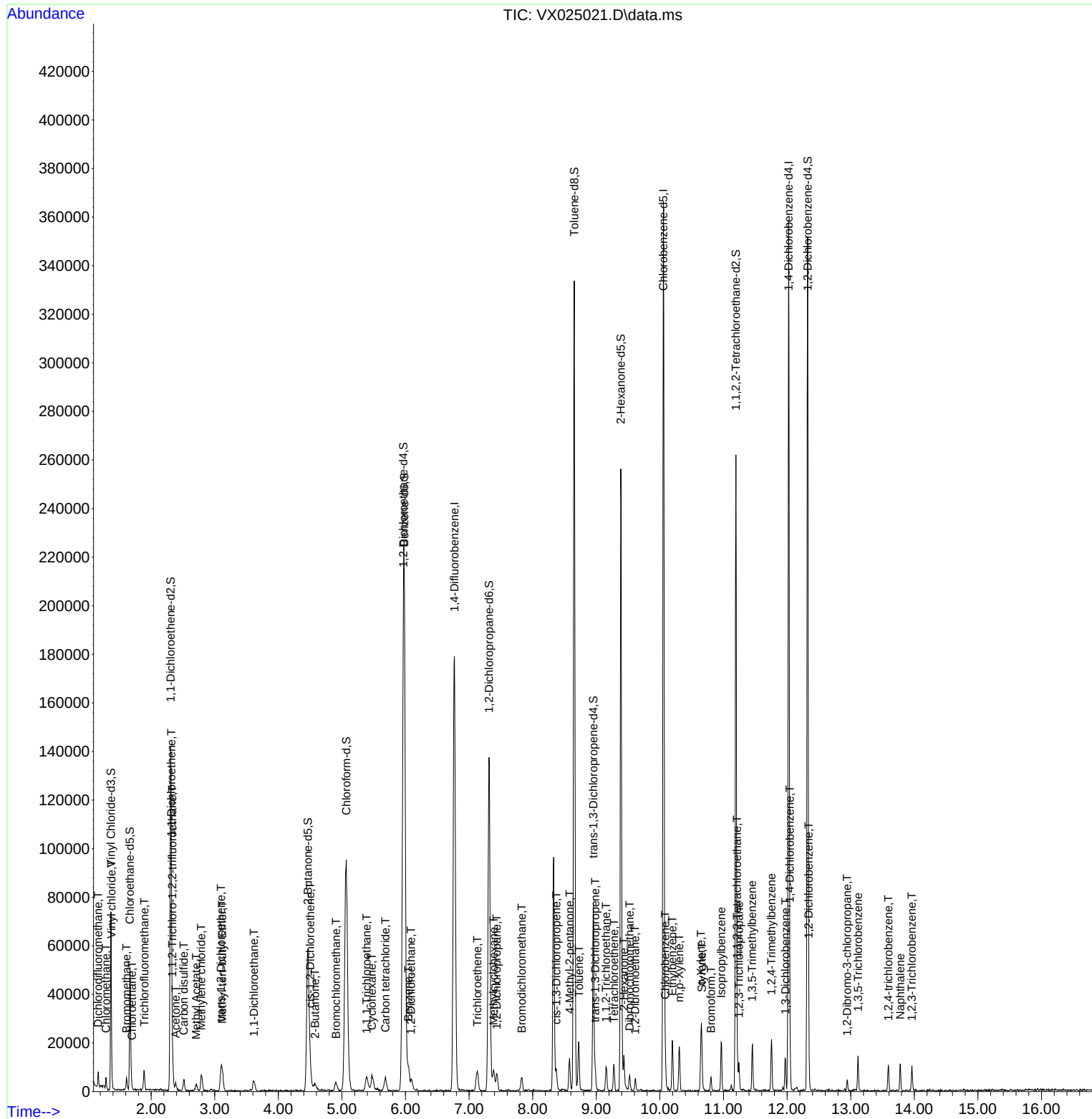
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Data File : VX025021.D  
Acq On : 29 Oct 2021 13:37  
Operator : JC/MD  
Sample : MDL03  
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 1 Sample Multiplier: 1

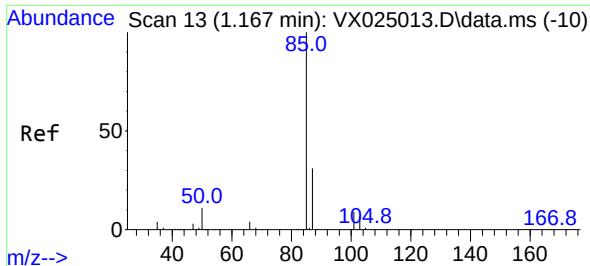
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

Manual Integrations  
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11/2/2021 2:32:42 PM

Quant Time: Oct 30 01:31:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM102821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 30 01:06:24 2021  
Response via : Initial Calibration





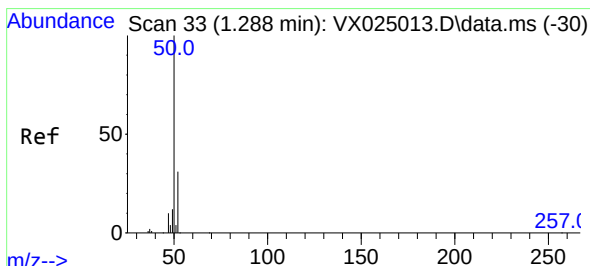
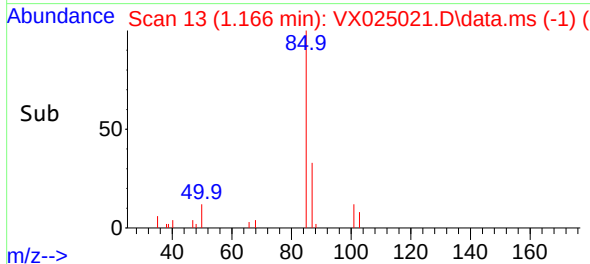
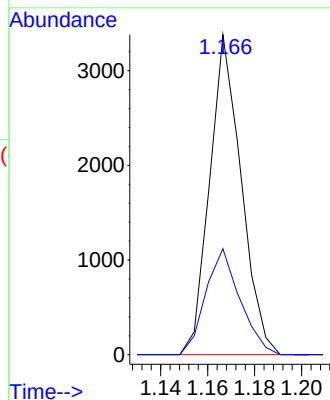
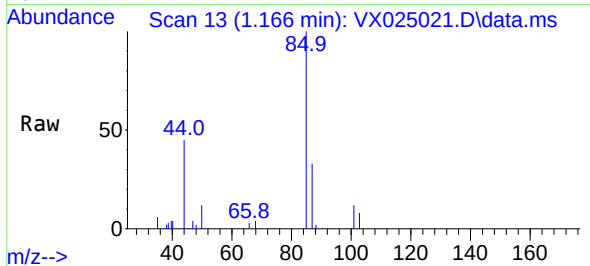
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Dichlorodifluoromethane  
Concen: 2.014 ug/L  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 85 Resp: 3157  
Ion Ratio Lower Upper  
85 100  
87 36.1 25.3 37.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

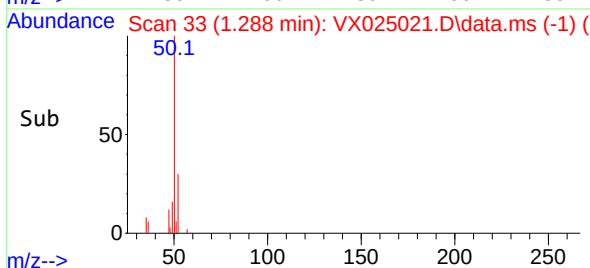
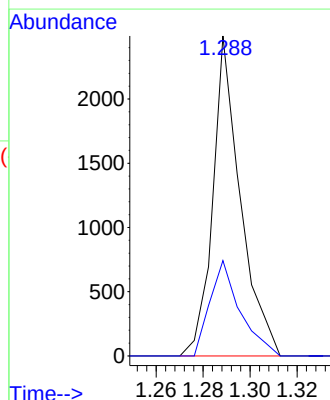
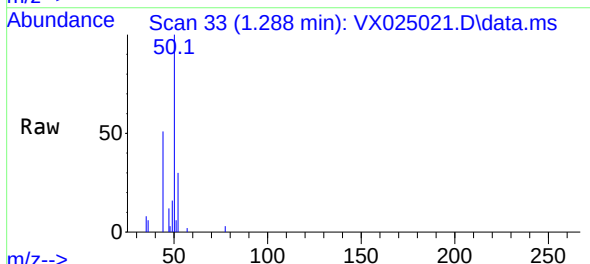
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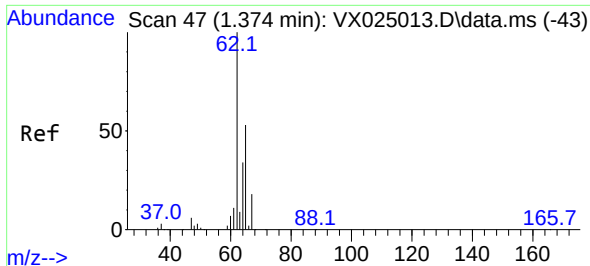
MMDadoda  
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#3  
Chloromethane  
Concen: 1.866 ug/L  
RT: 1.288 min Scan# 33  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 50 Resp: 2034  
Ion Ratio Lower Upper  
50 100  
52 29.8 28.0 52.0





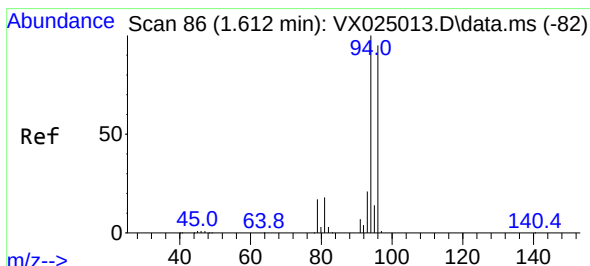
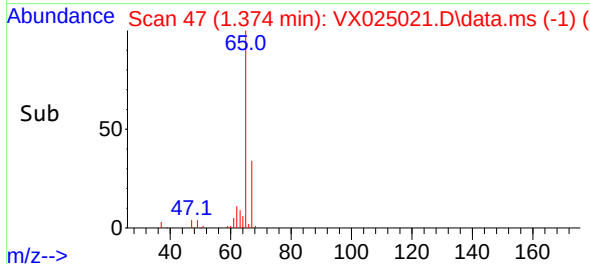
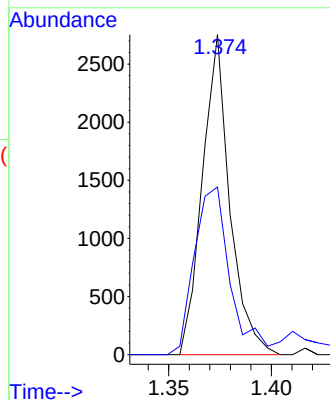
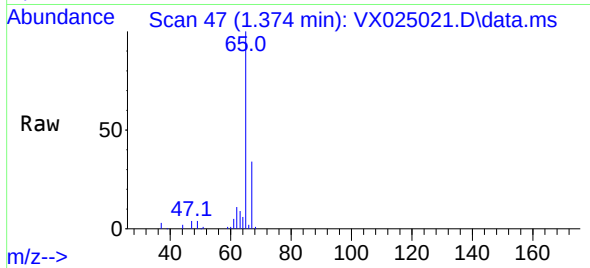
#5  
Vinyl chloride  
Concen: 2.084 ug/L  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

Tgt Ion: 62 Resp: 2556  
Ion Ratio Lower Upper  
62 100  
64 52.4 23.6 43.8#

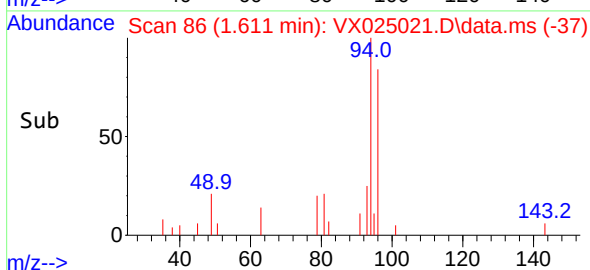
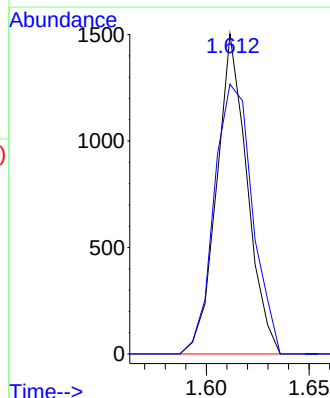
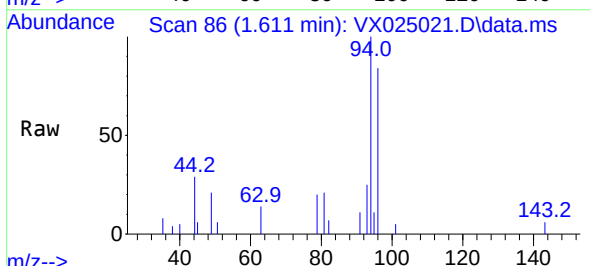
Manual Integrations  
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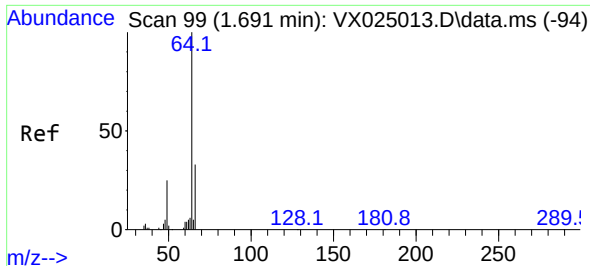
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#6  
Bromomethane  
Concen: 1.966 ug/L  
RT: 1.611 min Scan# 86  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

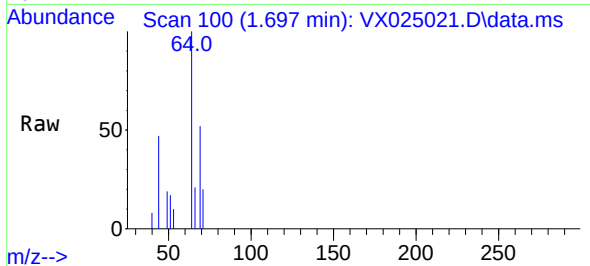
Tgt Ion: 94 Resp: 1551  
Ion Ratio Lower Upper  
94 100  
96 84.3 62.9 116.9





#8  
Chloroethane  
Concen: 2.211 ug/L m  
RT: 1.697 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

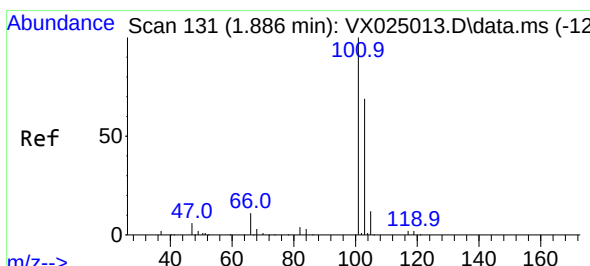
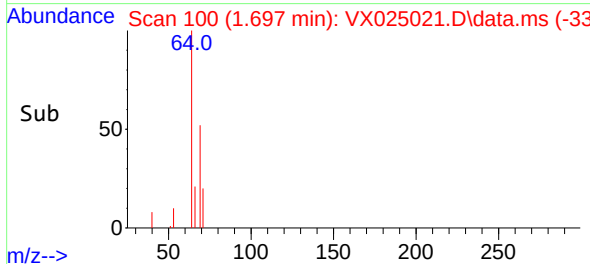
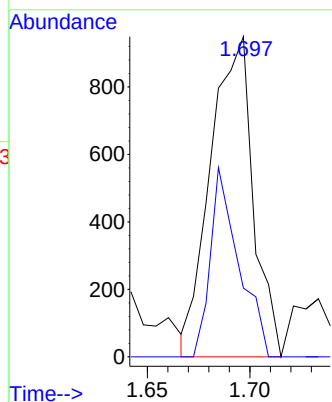
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03



Tgt Ion: 64 Resp: 1370  
Ion Ratio Lower Upper  
64 100  
66 21.5 23.3 43.3#

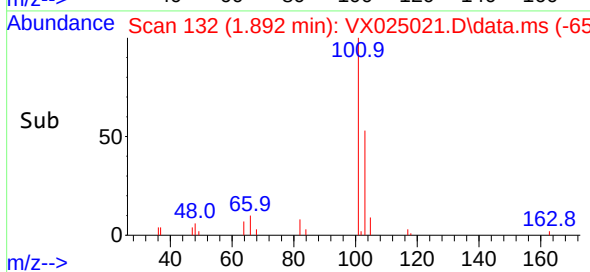
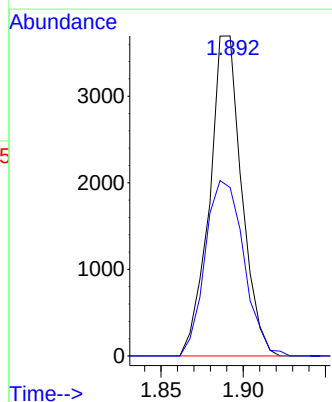
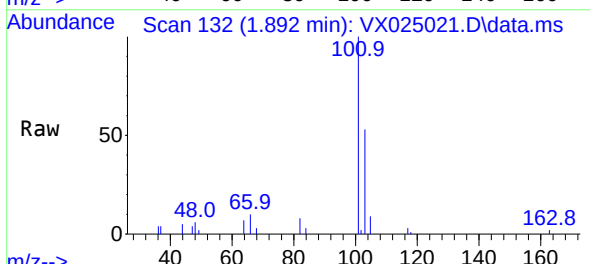
Manual Integrations  
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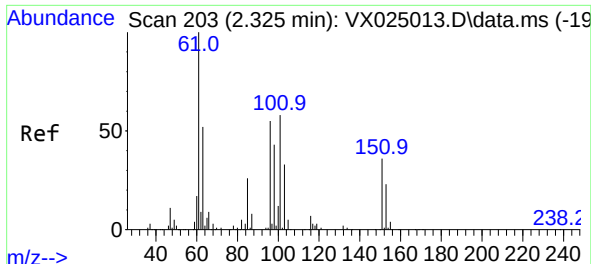
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11/2/2021 2:32:42 PM



#9  
Trichlorofluoromethane  
Concen: 1.849 ug/L  
RT: 1.892 min Scan# 132  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 101 Resp: 5032  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.4 77.0





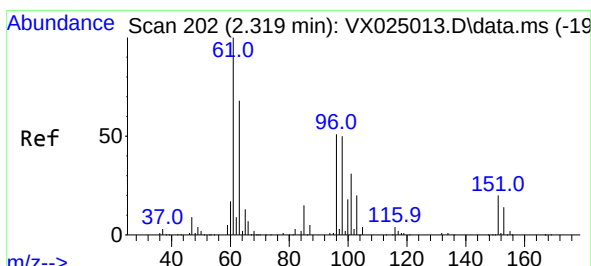
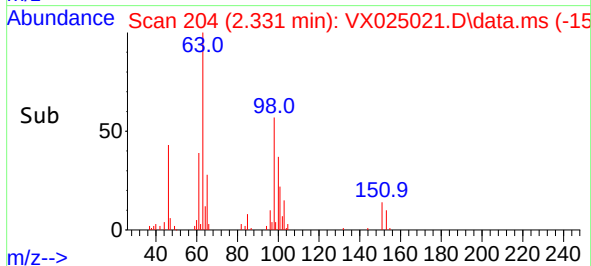
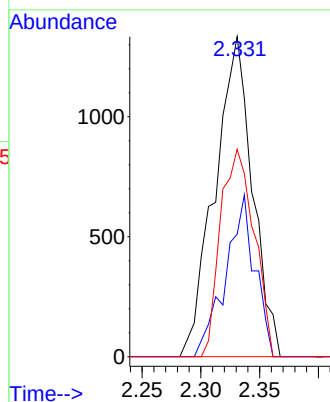
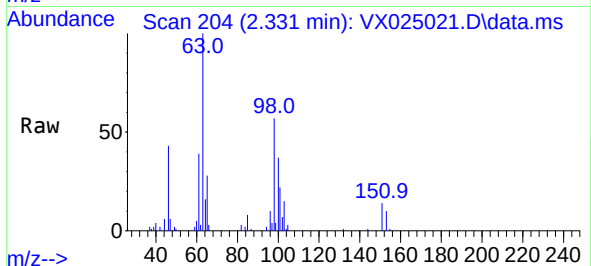
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1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.409 ug/L  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion:101 Resp: 2974  
Ion Ratio Lower Upper  
101 100  
85 39.2 35.3 52.9  
151 57.8 62.3 93.5#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

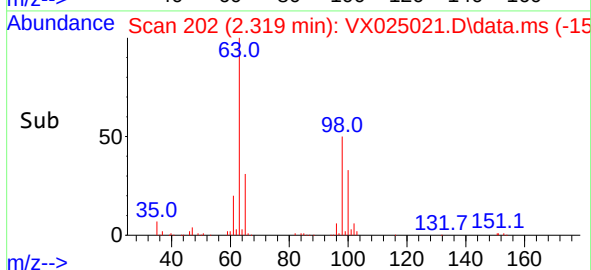
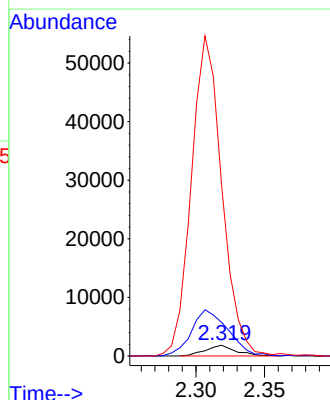
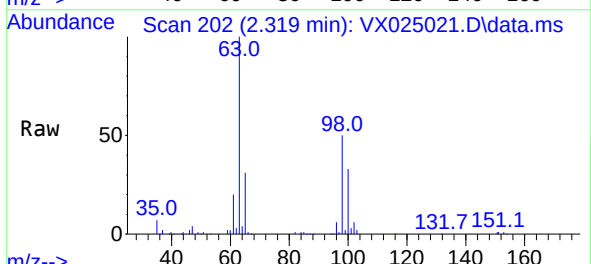
Manual Integrations  
APPROVED

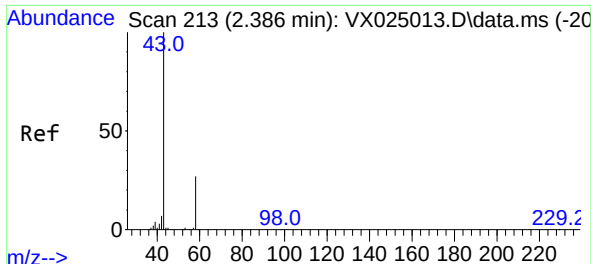
MMDadoda  
11/2/2021 2:32:42 PM



#12  
1,1-Dichloroethene  
Concen: 2.697 ug/L  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

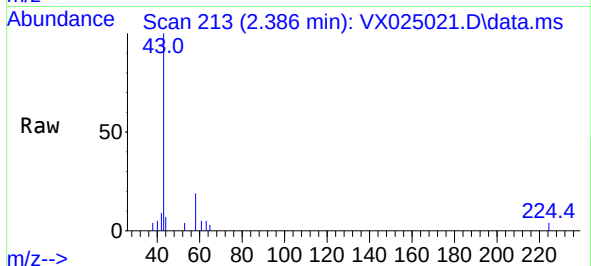
Tgt Ion: 96 Resp: 2801  
Ion Ratio Lower Upper  
96 100  
61 313.2 109.9 204.1#  
63 1587.3 92.4 171.6#



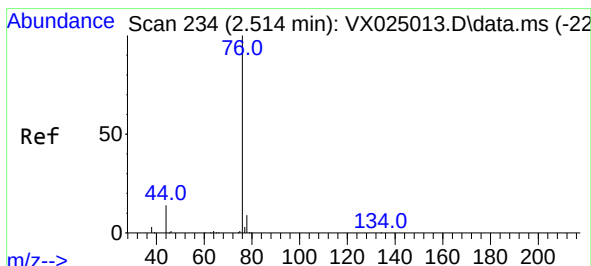
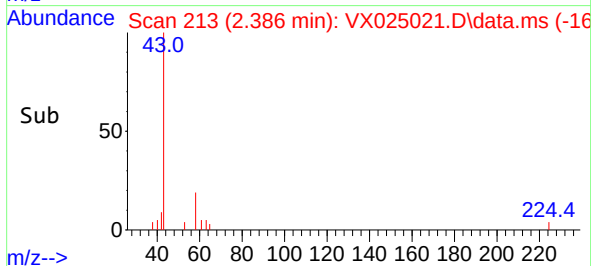
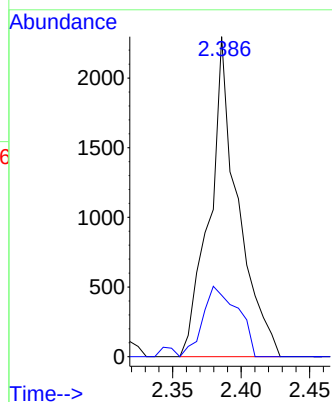


#13  
Acetone  
Concen: 3.257 ug/L  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

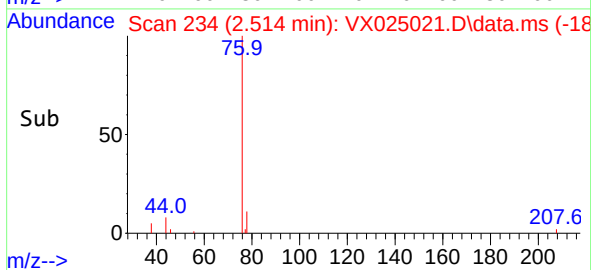
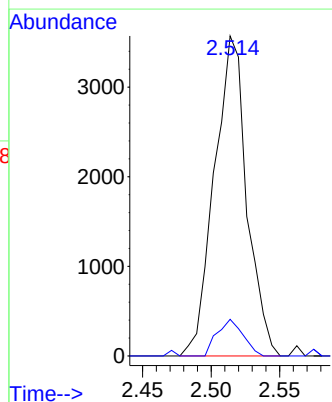
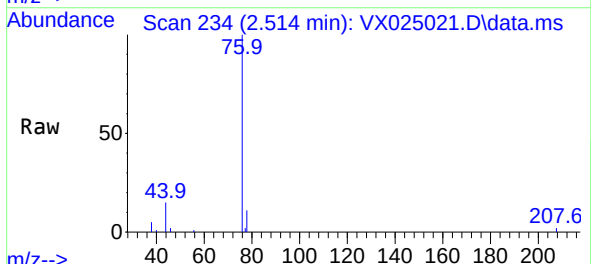


Tgt Ion: 43 Resp: 3292  
Ion Ratio Lower Upper  
43 100  
58 27.2 0.0 64.8

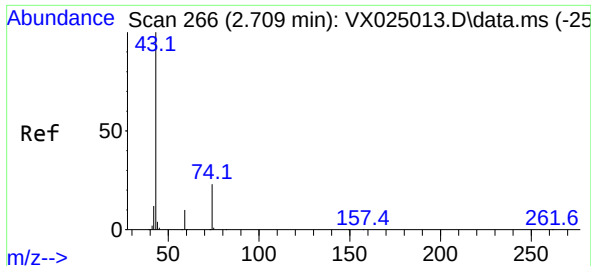


#14  
Carbon disulfide  
Concen: 2.094 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

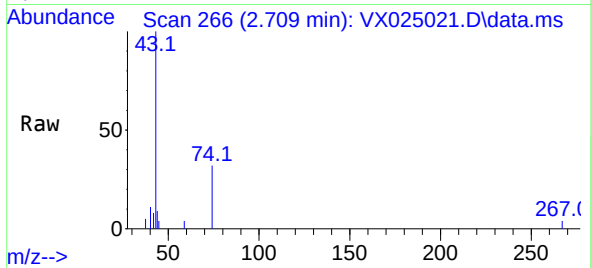
Tgt Ion: 76 Resp: 5895  
Ion Ratio Lower Upper  
76 100  
78 11.5 7.2 10.8#



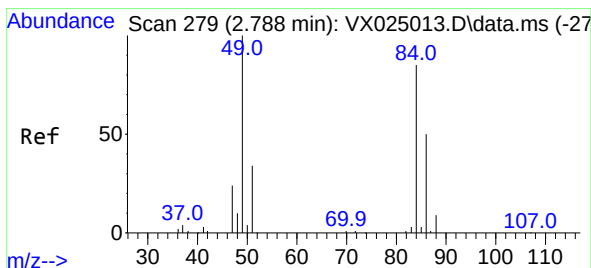
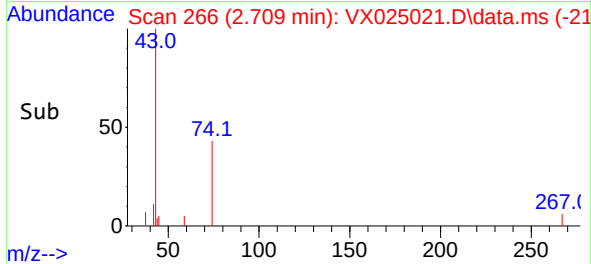
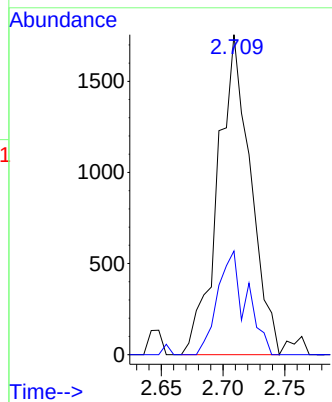




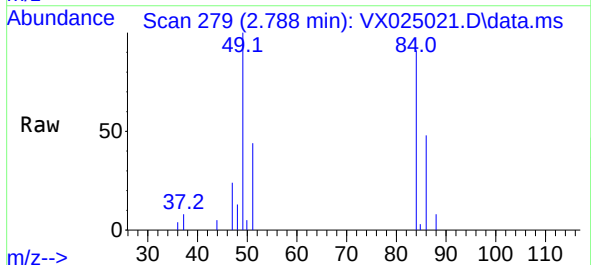
#15  
Methyl Acetate  
Concen: 2.220 ug/L m  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



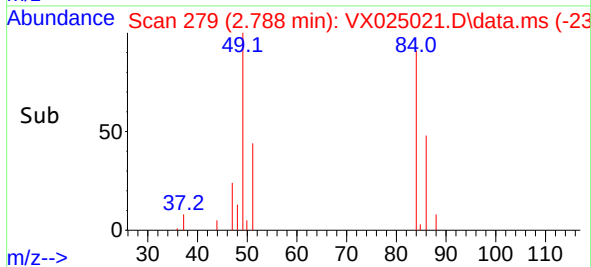
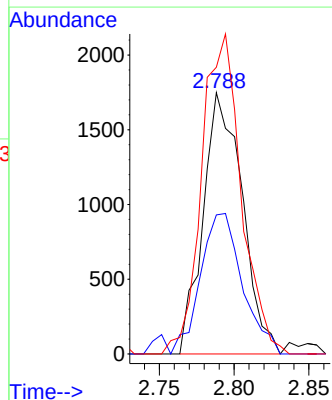
Tgt Ion: 43 Resp: 3244  
Ion Ratio Lower Upper  
43 100  
74 20.9 28.6 42.8#



#16  
Methylene chloride  
Concen: 2.706 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



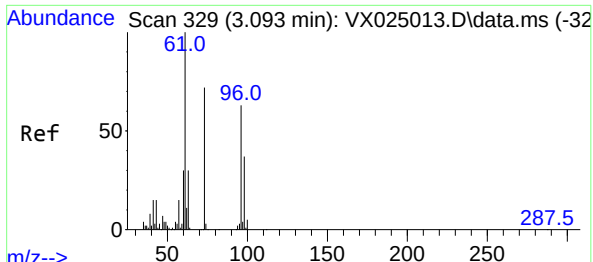
Tgt Ion: 84 Resp: 3183  
Ion Ratio Lower Upper  
84 100  
86 53.2 44.4 82.5  
49 109.7 64.0 118.8



Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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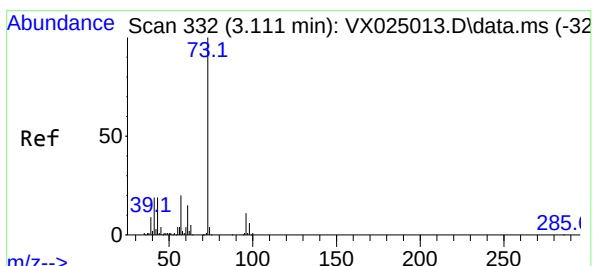
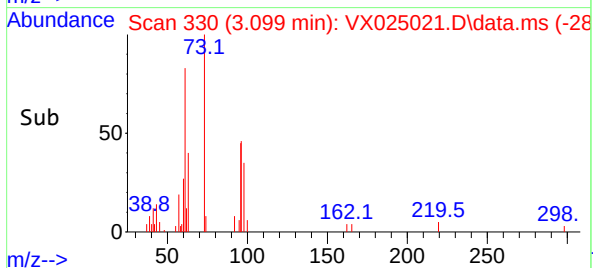
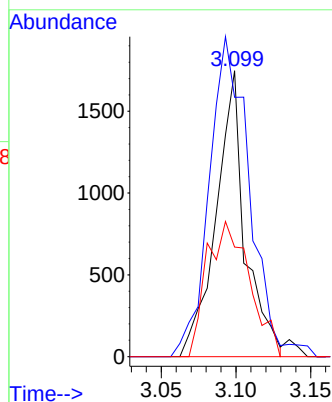
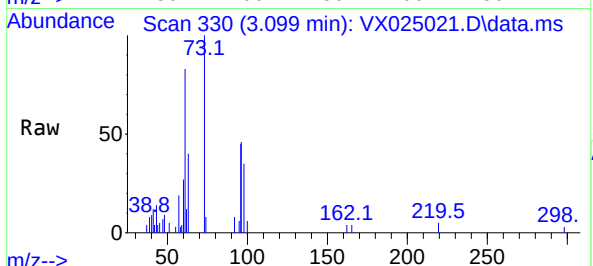
#17  
trans-1,2-Dichloroethene  
Concen: 2.216 ug/L  
RT: 3.099 min Scan# 330  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 96 Resp: 2357  
Ion Ratio Lower Upper  
96 100  
61 90.7 99.4 184.6#  
98 38.3 47.0 87.2#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

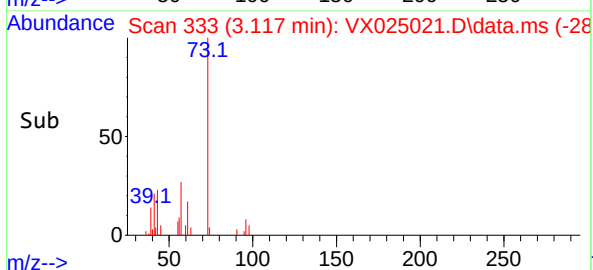
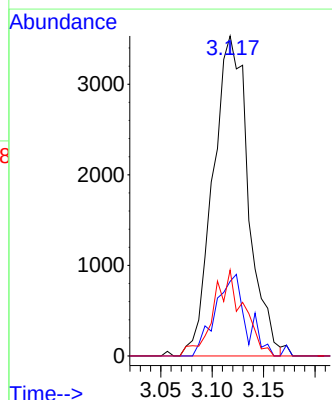
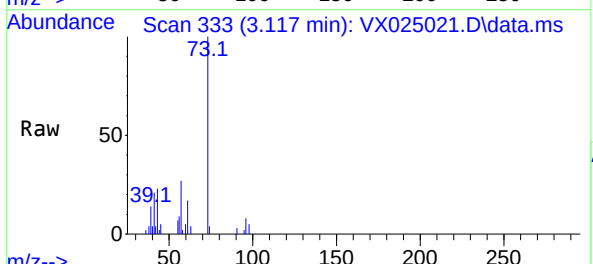
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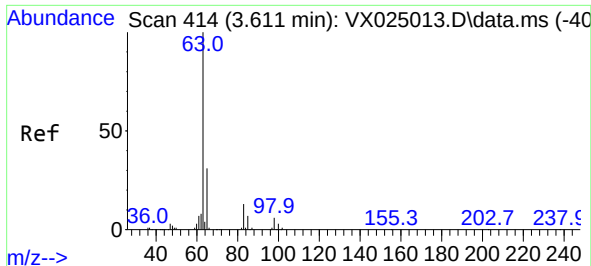
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#18  
Methyl tert-butyl Ether  
Concen: 1.918 ug/L  
RT: 3.117 min Scan# 333  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 73 Resp: 8424  
Ion Ratio Lower Upper  
73 100  
43 19.2 12.4 18.6#  
57 12.2 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 1.911 ug/L m

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025021.D

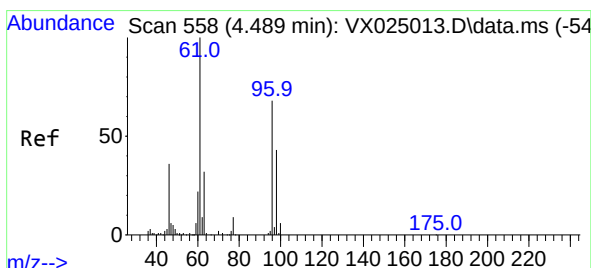
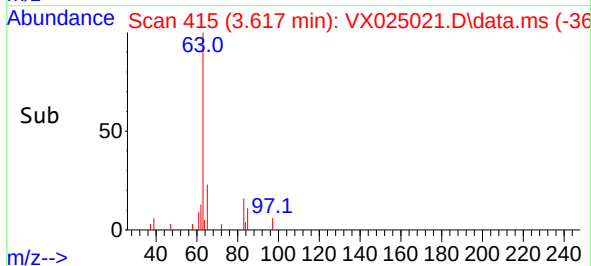
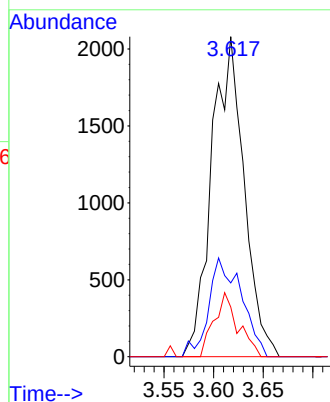
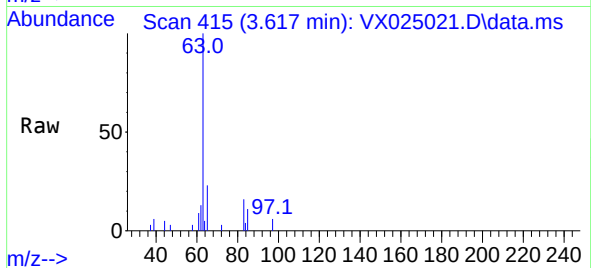
Acq: 29 Oct 2021 13:37

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 4724  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 23.1     | 24.5 45.5#  |
| 83 15.5     | 11.7 21.7   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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#20

cis-1,2-Dichloroethene

Concen: 2.165 ug/L m

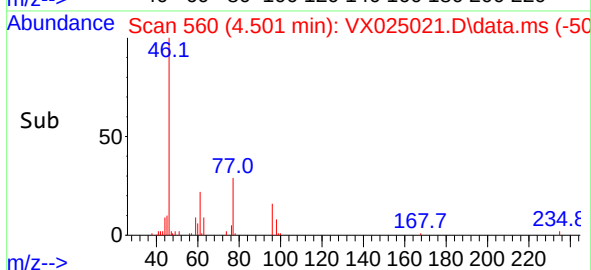
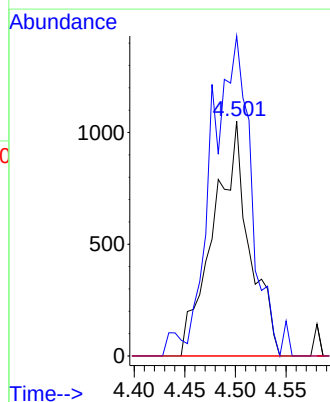
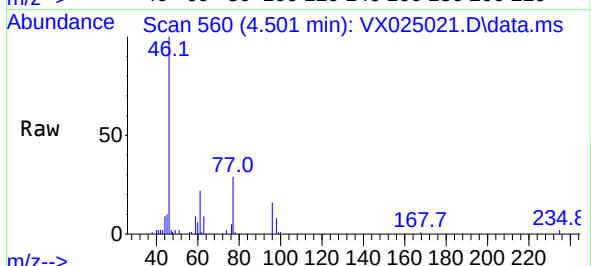
RT: 4.501 min Scan# 560

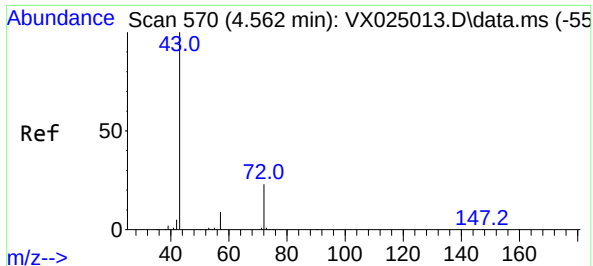
Delta R.T. 0.012 min

Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 2602  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 136.3    | 82.6 153.4  |
| 68 0.0      | 0.0 0.0     |





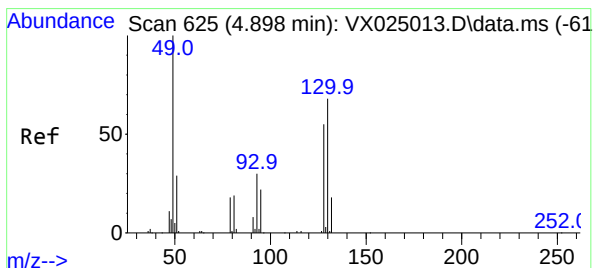
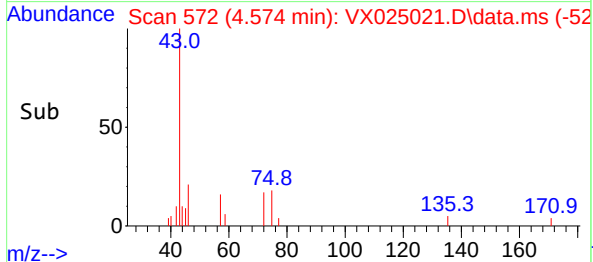
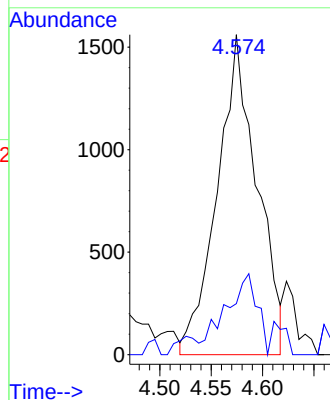
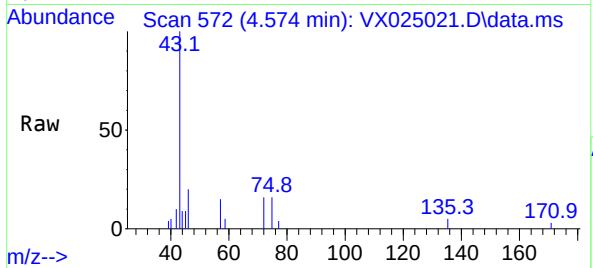
#22  
2-Butanone  
Concen: 3.359 ug/L  
RT: 4.574 min Scan# 572  
Delta R.T. 0.012 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 43 Resp: 4179  
Ion Ratio Lower Upper  
43 100  
72 7.4 18.4 55.0#

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL03

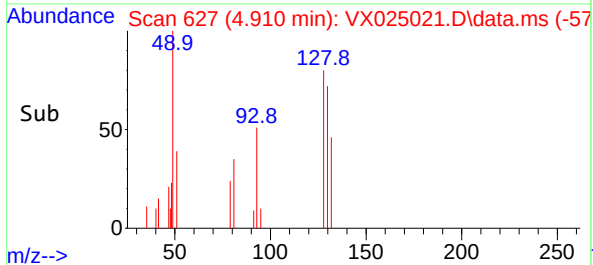
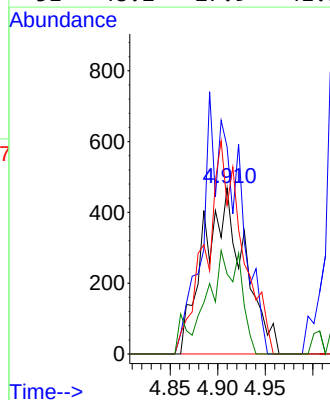
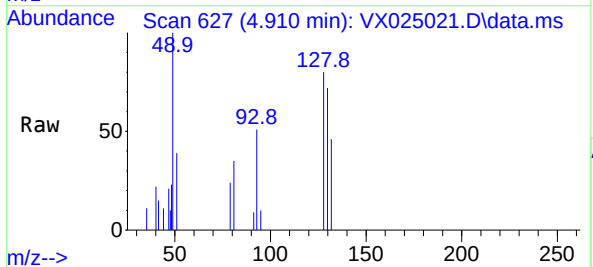
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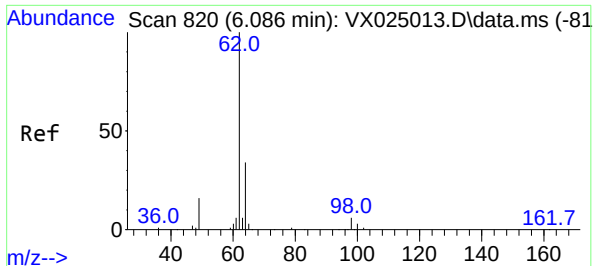
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#23  
Bromochloromethane  
Concen: 2.344 ug/L m  
RT: 4.910 min Scan# 627  
Delta R.T. 0.012 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 128 Resp: 1407  
Ion Ratio Lower Upper  
128 100  
49 124.7 71.5 132.7  
130 89.6 84.3 156.5  
51 48.2 27.9 41.9#





#27

1,2-Dichloroethane

Concen: 2.116 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

Tgt Ion: 62 Resp: 5146  
 Ion Ratio Lower Upper  
 62 100  
 98 3.3 5.5 8.3#

Instrument :

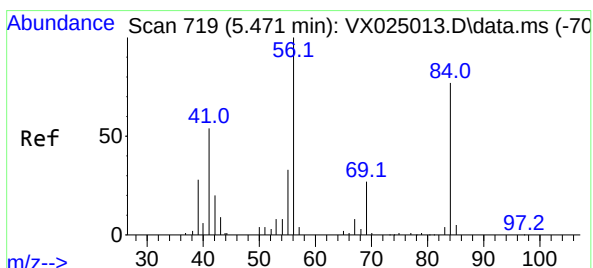
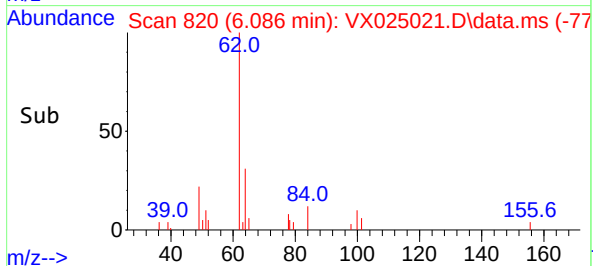
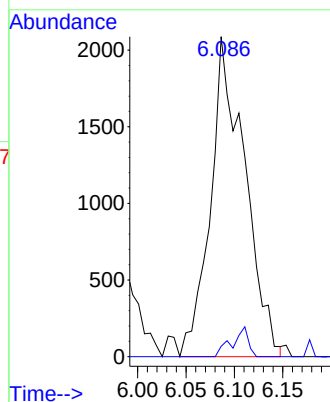
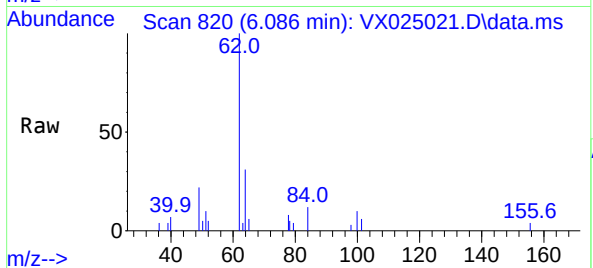
MSVOA\_X

ClientSampleId :

MDL03

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#29

Cyclohexane

Concen: 2.039 ug/L

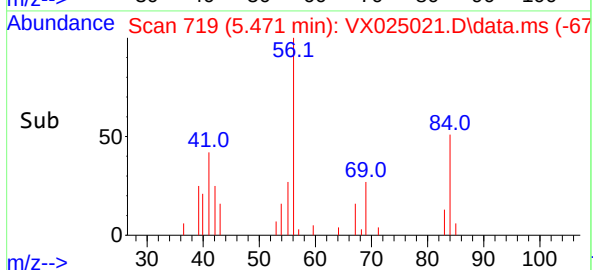
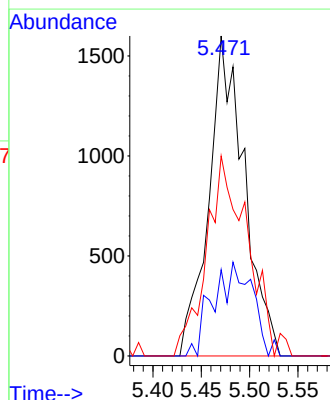
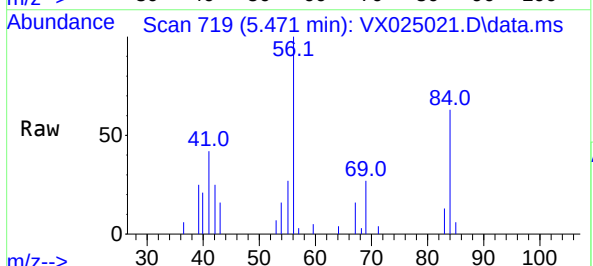
RT: 5.471 min Scan# 719

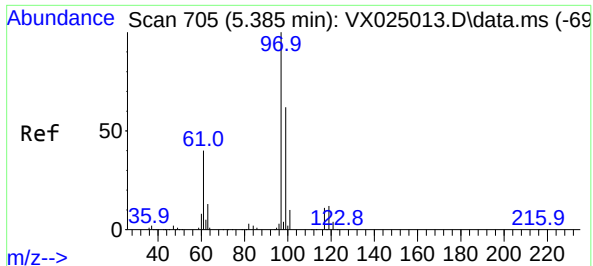
Delta R.T. -0.000 min

Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

Tgt Ion: 56 Resp: 4089  
 Ion Ratio Lower Upper  
 56 100  
 69 16.9 30.8 46.2#  
 84 51.3 86.8 130.2#





#30

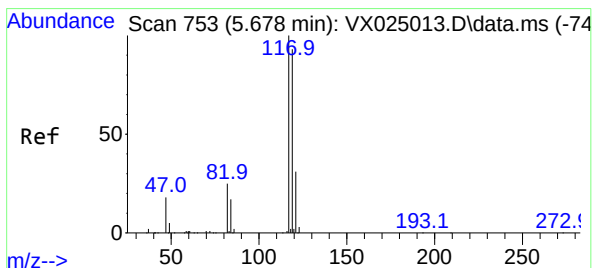
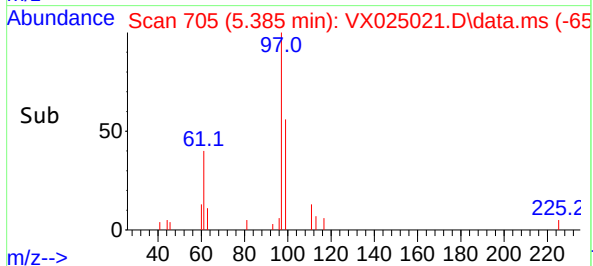
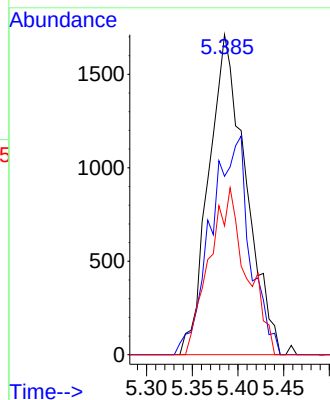
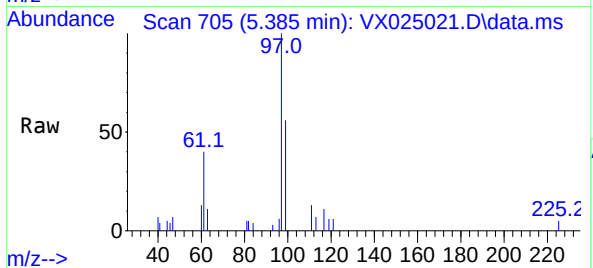
1,1,1-Trichloroethane  
Concen: 1.890 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 97 Resp: 4836  
Ion Ratio Lower Upper  
97 100  
99 32.4 53.1 79.7#  
61 46.2 26.3 39.5#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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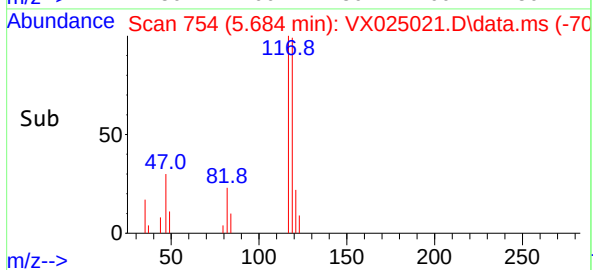
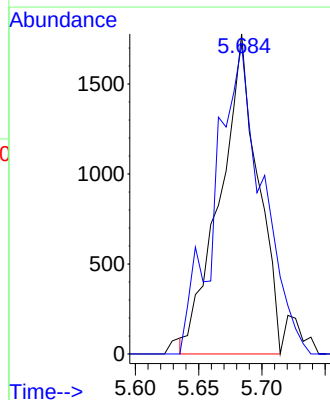
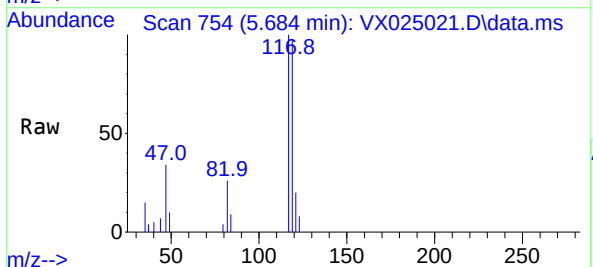
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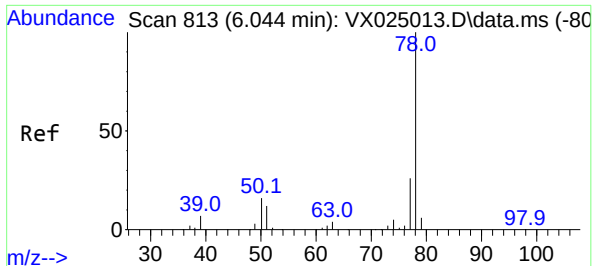


#31

Carbon tetrachloride  
Concen: 1.699 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 117 Resp: 3683  
Ion Ratio Lower Upper  
117 100  
119 78.8 76.0 114.0





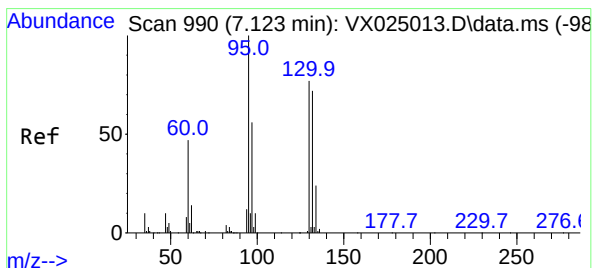
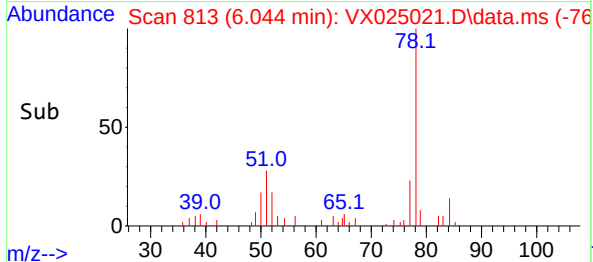
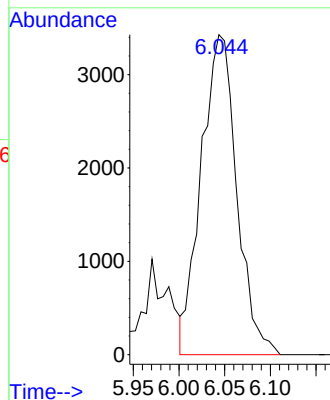
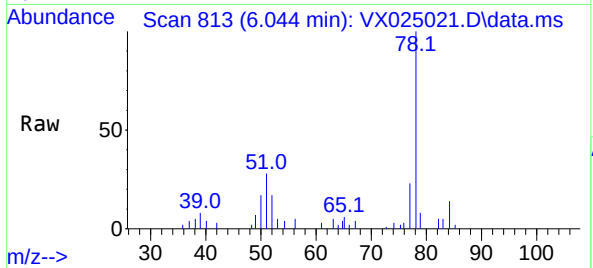
#33  
Benzene  
Concen: 2.023 ug/L  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 78 Resp: 9268

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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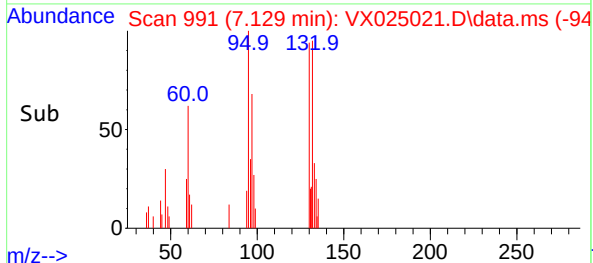
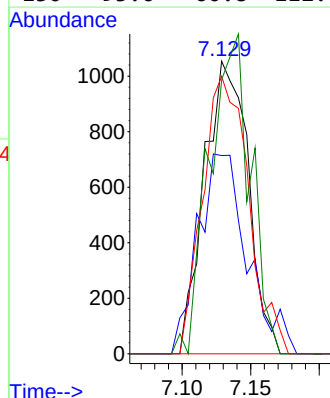
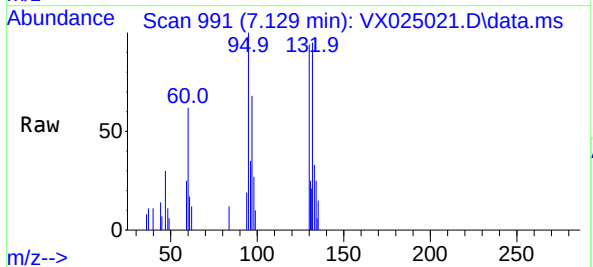
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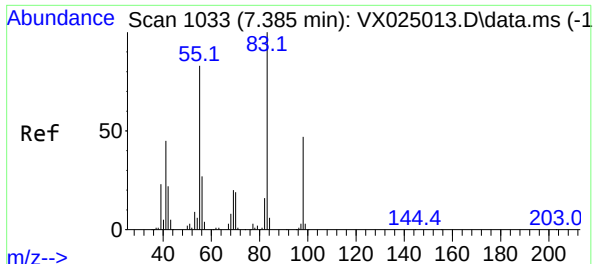


#34  
Trichloroethene  
Concen: 1.695 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 95 Resp: 2342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.7  | 44.2  | 82.2  |
| 132 | 94.9  | 60.1  | 111.5 |
| 130 | 93.6  | 60.8  | 112.8 |





#35

Methylcyclohexane

Concen: 1.823 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025021.D

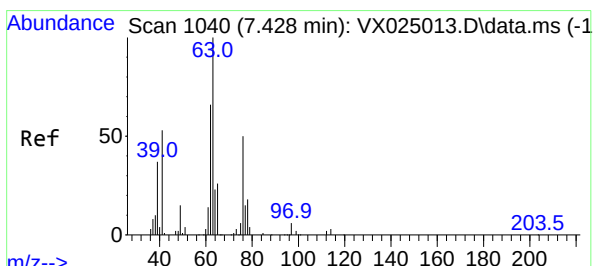
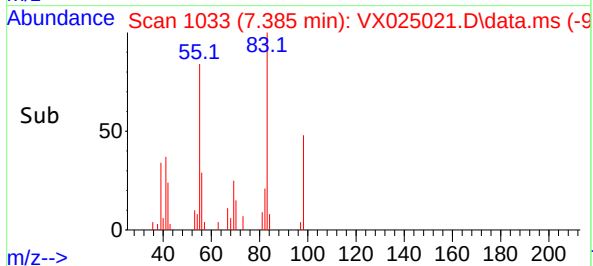
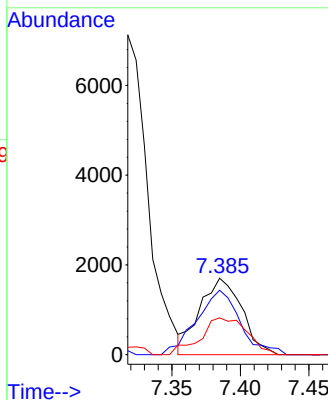
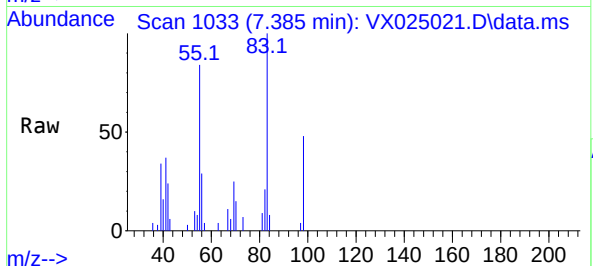
Acq: 29 Oct 2021 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3636  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 87.1  | 52.6  | 79.0# |
| 98       | 49.0  | 37.9  | 56.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

Manual Integrations  
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11/2/2021 2:32:42 PM



#37

1,2-Dichloropropane

Concen: 2.318 ug/L m

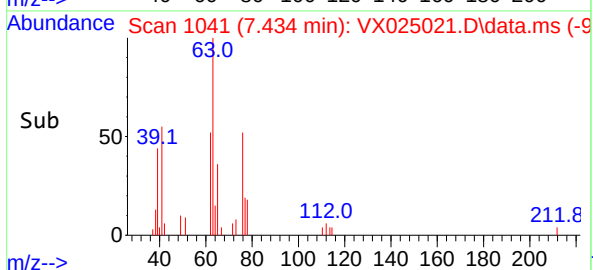
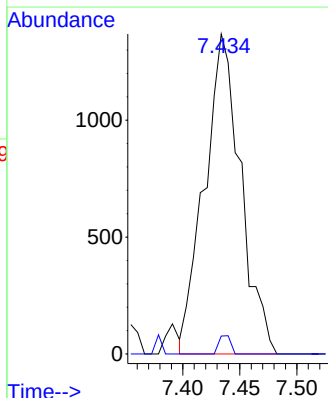
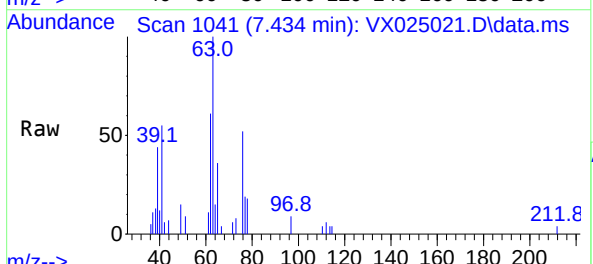
RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

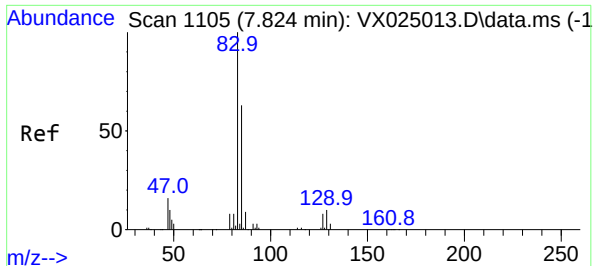
Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 3020  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 1.9   | 4.0   | 6.0#  |







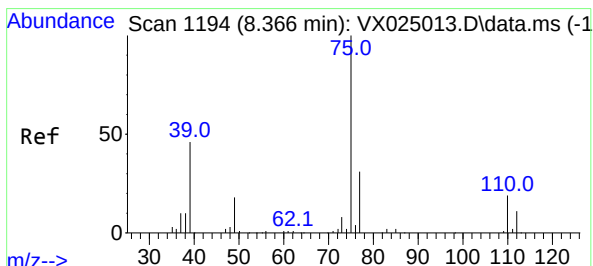
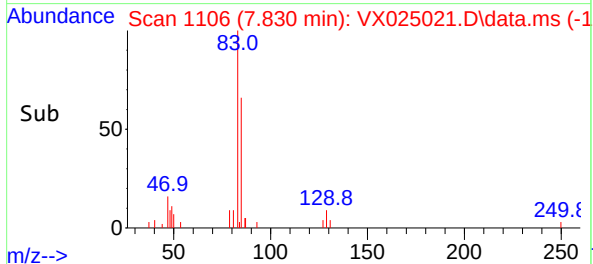
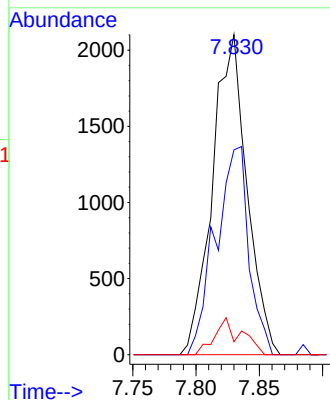
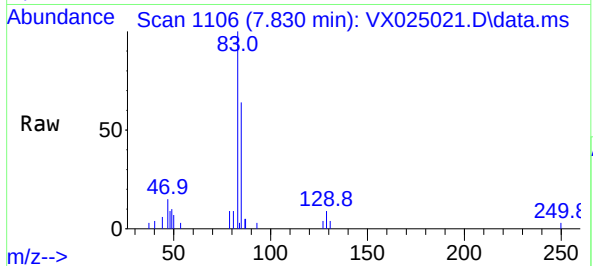
#38  
Bromodichloromethane  
Concen: 2.004 ug/L  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 83 Resp: 3989  
Ion Ratio Lower Upper  
83 100  
85 64.0 46.8 87.0  
127 4.0 8.2 12.2#

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL03

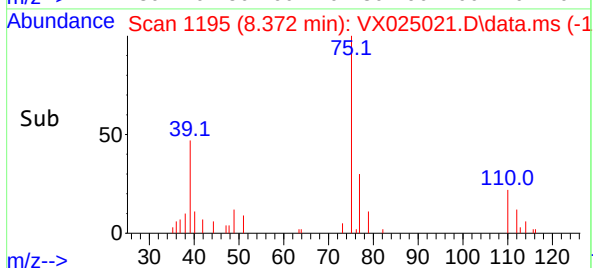
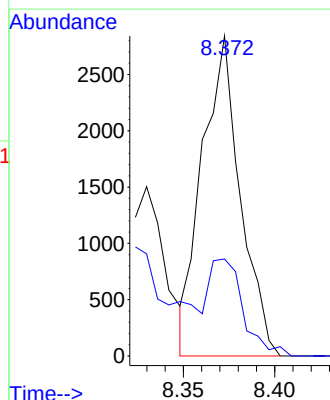
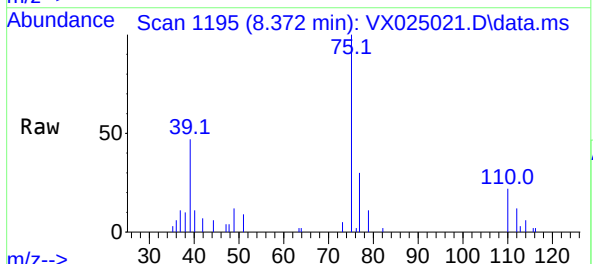
Manual Integrations  
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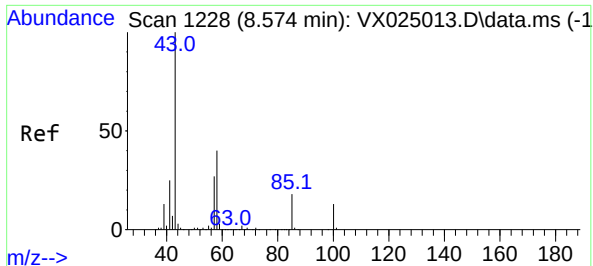
MMDadoda  
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#39  
cis-1,3-Dichloropropene  
Concen: 1.946 ug/L  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 75 Resp: 4122  
Ion Ratio Lower Upper  
75 100  
77 30.3 23.1 42.9





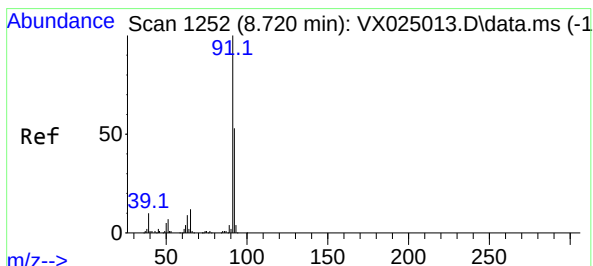
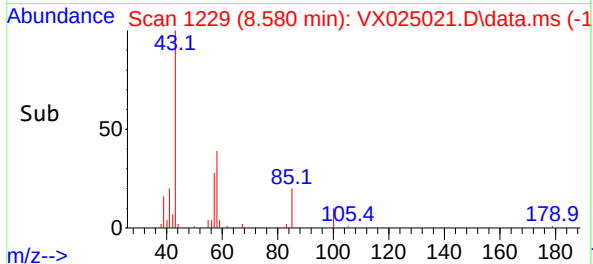
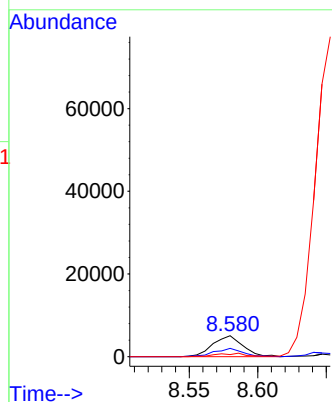
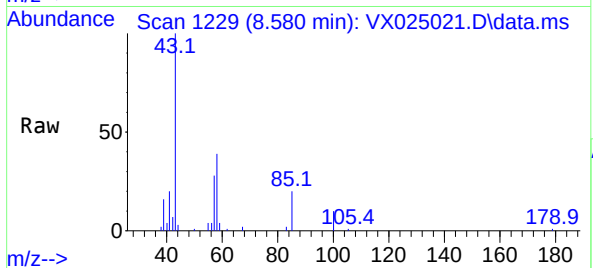
#40  
4-Methyl-2-pentanone  
Concen: 3.854 ug/L  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 43 Resp: 7800  
Ion Ratio Lower Upper  
43 100  
58 37.6 41.3 61.9#  
100 7.2 19.6 29.4#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

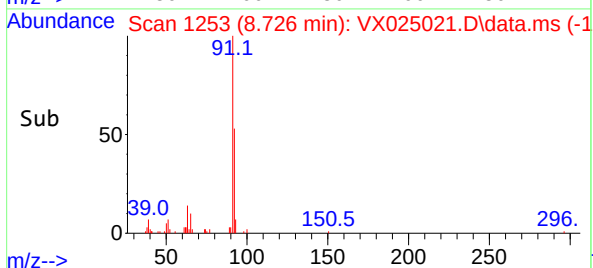
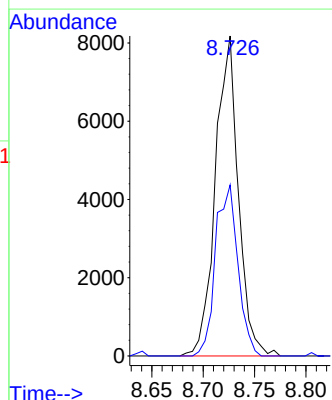
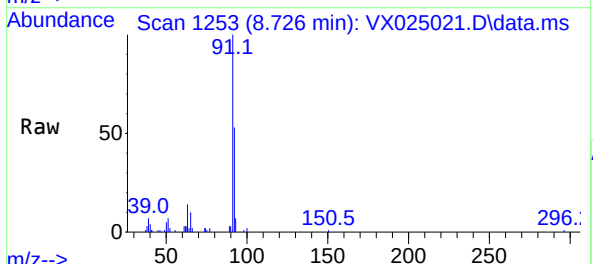
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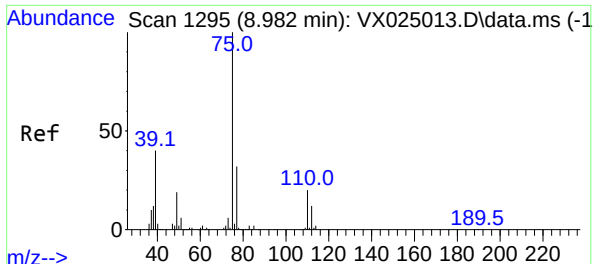
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#42  
Toluene  
Concen: 2.532 ug/L  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 91 Resp: 12689  
Ion Ratio Lower Upper  
91 100  
92 53.5 39.3 72.9





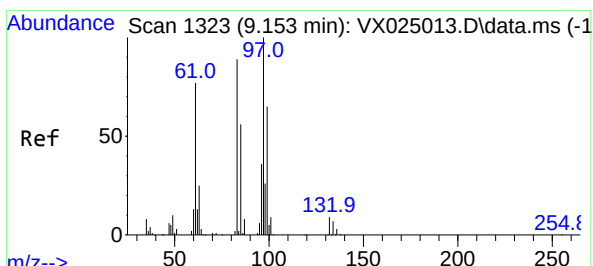
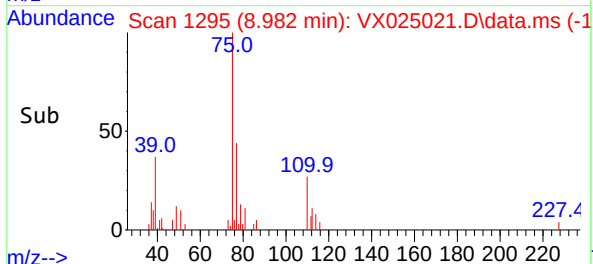
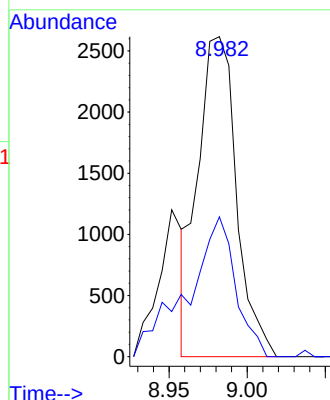
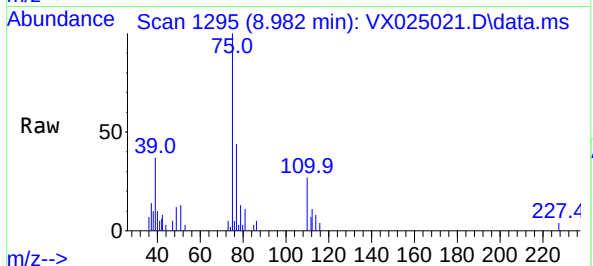
#44  
trans-1,3-Dichloropropene  
Concen: 2.052 ug/L m  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 75 Resp: 4474  
Ion Ratio Lower Upper  
75 100  
77 43.7 23.4 43.6#

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

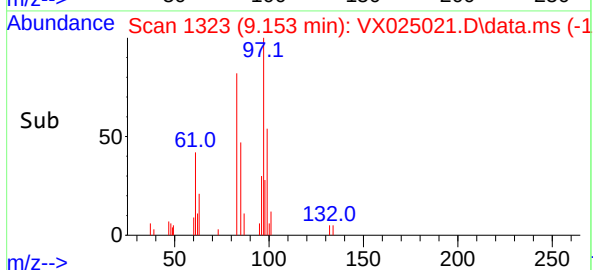
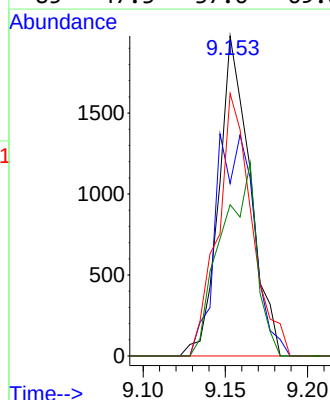
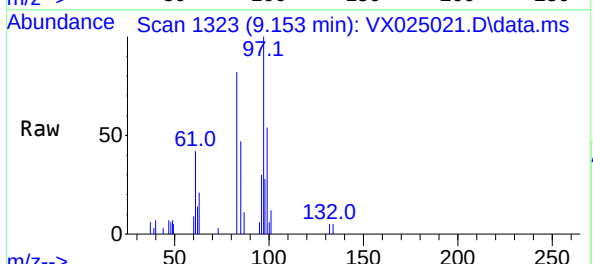
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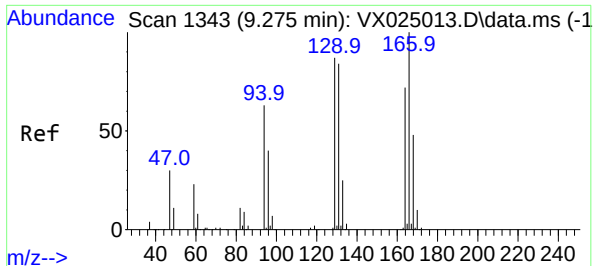
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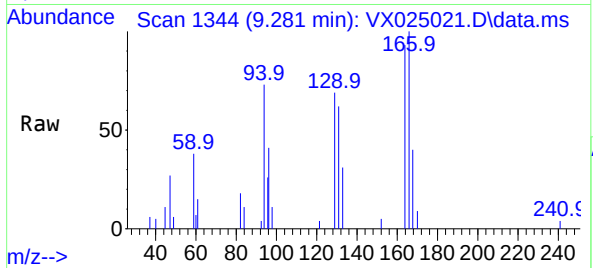
#45  
1,1,2-Trichloroethane  
Concen: 2.142 ug/L  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 97 Resp: 2613  
Ion Ratio Lower Upper  
97 100  
99 53.9 43.5 80.7  
83 82.0 58.2 108.0  
85 47.3 37.6 69.8

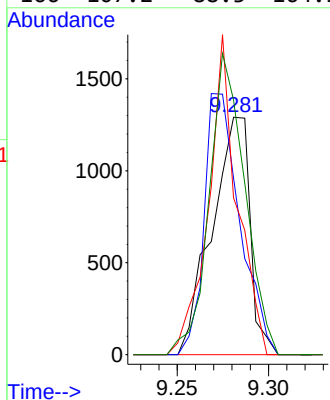




#46  
Tetrachloroethene  
Concen: 2.181 ug/L  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



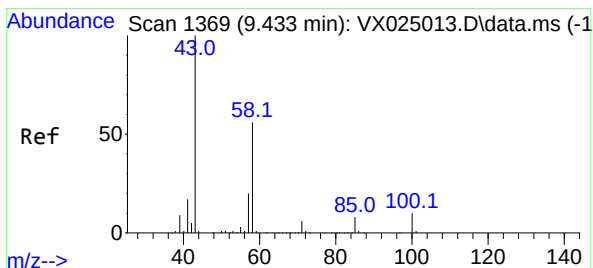
Tgt Ion:164 Resp: 1881  
Ion Ratio Lower Upper  
164 100  
129 74.4 78.5 145.7#  
131 66.1 70.5 130.9#  
166 107.2 88.3 164.1



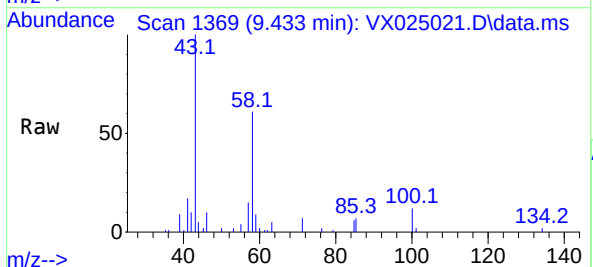
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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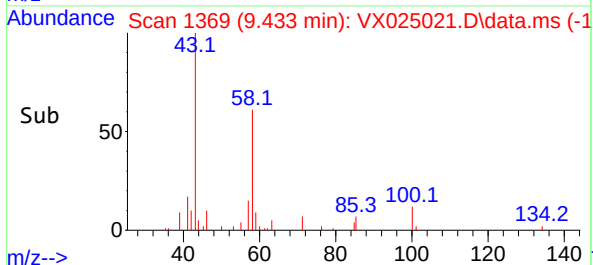
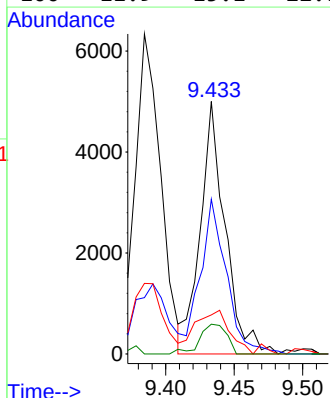
MMDadoda  
11/2/2021 2:32:42 PM

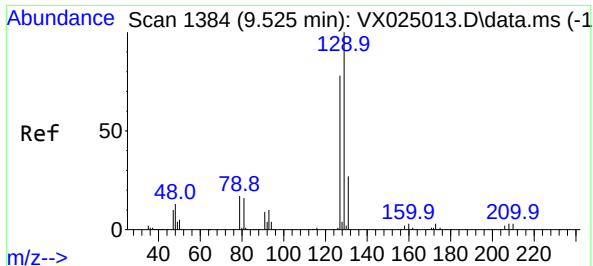


#48  
2-Hexanone  
Concen: 3.762 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



Tgt Ion: 43 Resp: 6292  
Ion Ratio Lower Upper  
43 100  
58 63.3 56.0 84.0  
57 24.1 20.4 30.6  
100 11.9 15.1 22.7#





#49

Dibromochloromethane

Concen: 1.851 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

Tgt Ion:129 Resp: 2542

Ion Ratio Lower Upper

129 100

127 63.1 54.1 100.5

Instrument :

MSVOA\_X

ClientSampleId :

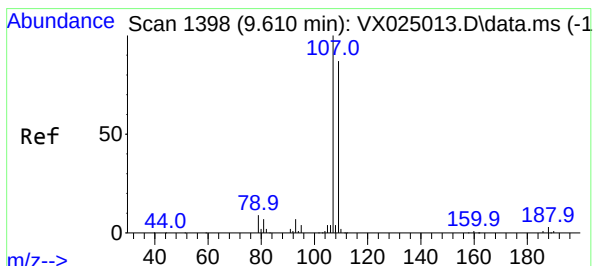
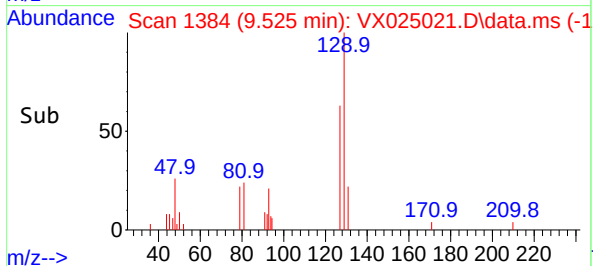
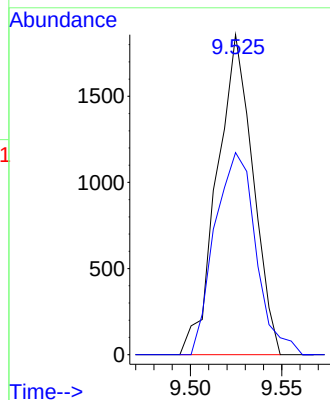
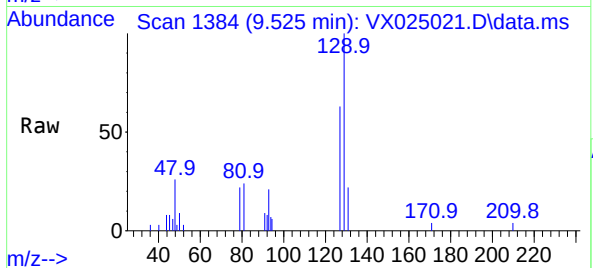
MDL03

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#50

1,2-Dibromoethane

Concen: 2.328 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX025021.D

Acq: 29 Oct 2021 13:37

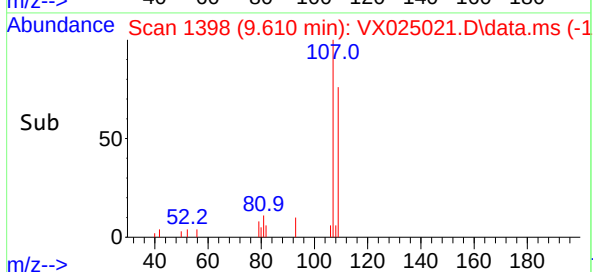
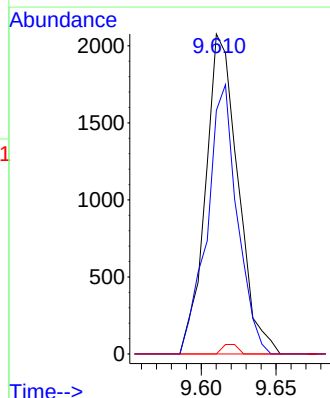
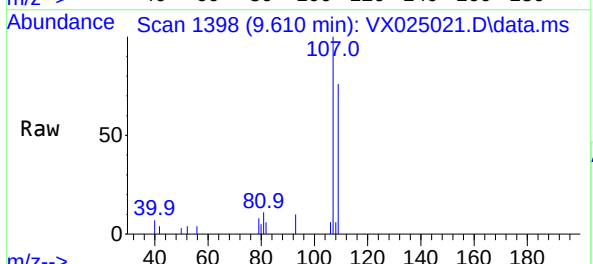
Tgt Ion:107 Resp: 3133

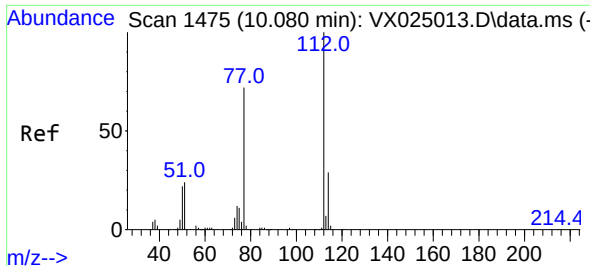
Ion Ratio Lower Upper

107 100

109 76.1 63.8 118.6

188 0.0 2.2 3.2#





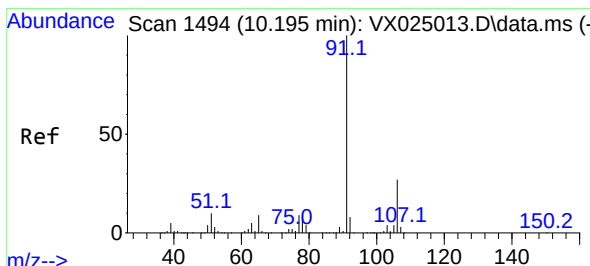
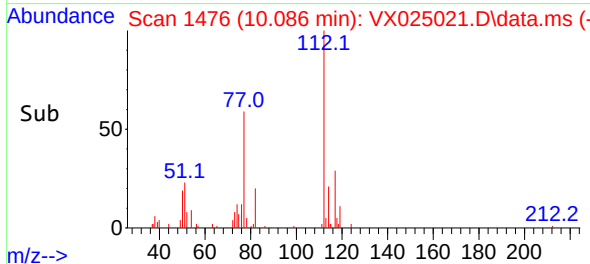
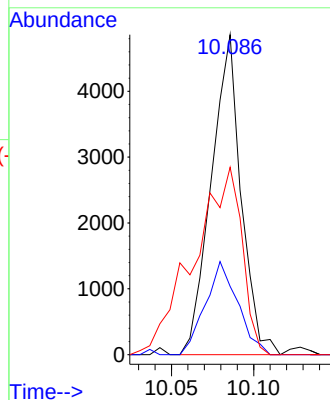
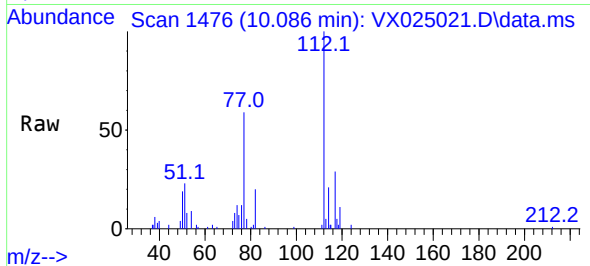
#51  
Chlorobenzene  
Concen: 2.047 ug/L  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL03

Tgt Ion:112 Resp: 6136  
Ion Ratio Lower Upper  
112 100  
114 21.3 22.7 42.3#  
77 58.6 46.8 70.2

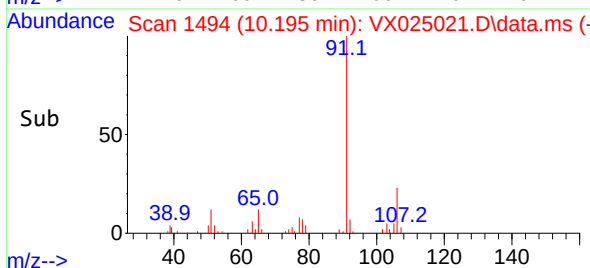
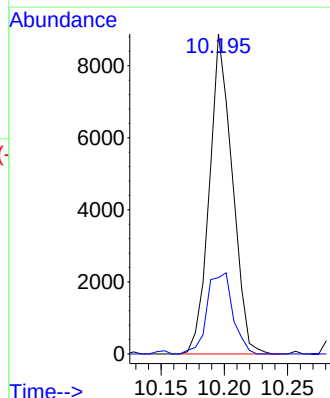
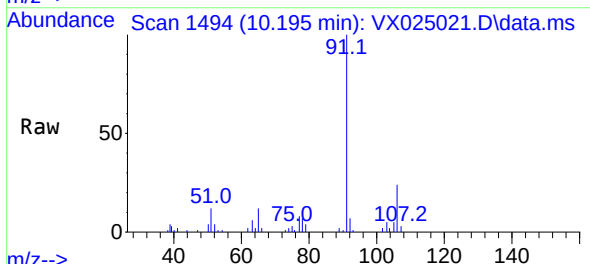
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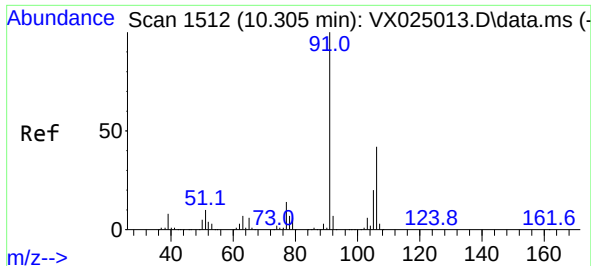
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#52  
Ethylbenzene  
Concen: 1.930 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

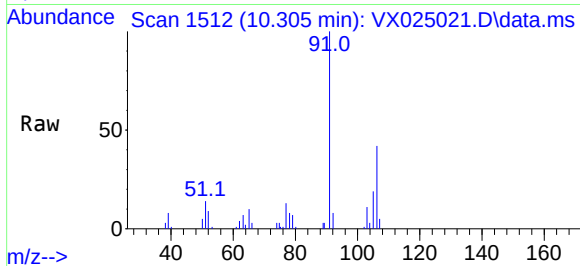
Tgt Ion: 91 Resp: 11165  
Ion Ratio Lower Upper  
91 100  
106 23.9 20.2 37.6





#53  
m,p-Xylene  
Concen: 1.935 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

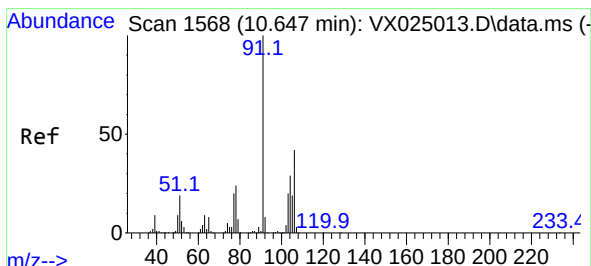
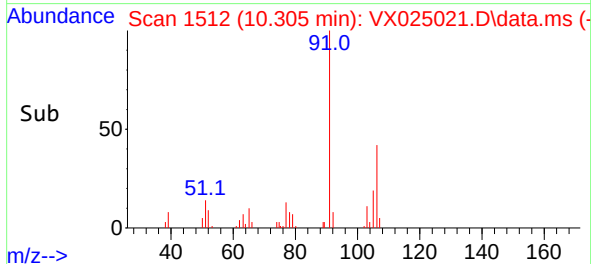
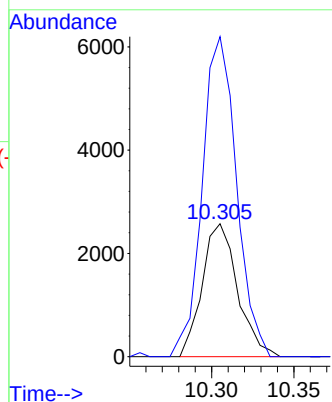
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03



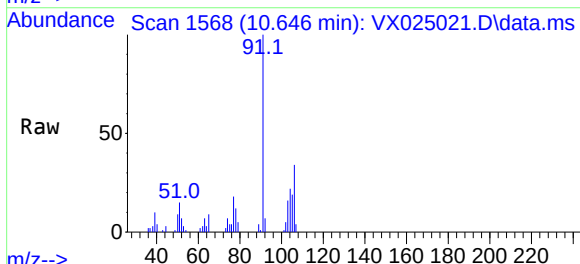
Tgt Ion:106 Resp: 3849  
Ion Ratio Lower Upper  
106 100  
91 240.6 160.2 297.6

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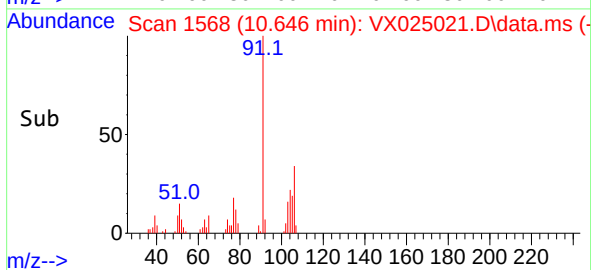
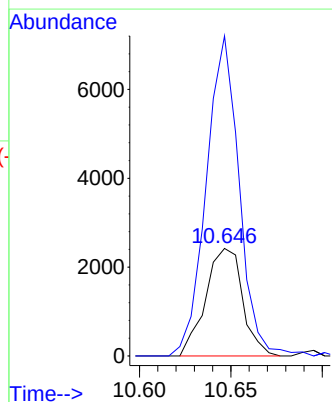
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11/2/2021 2:32:42 PM

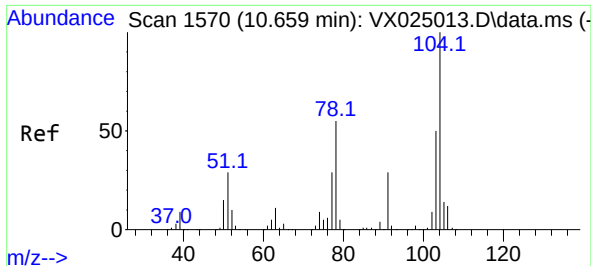


#54  
o-Xylene  
Concen: 1.756 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



Tgt Ion:106 Resp: 3415  
Ion Ratio Lower Upper  
106 100  
91 297.6 164.4 305.4





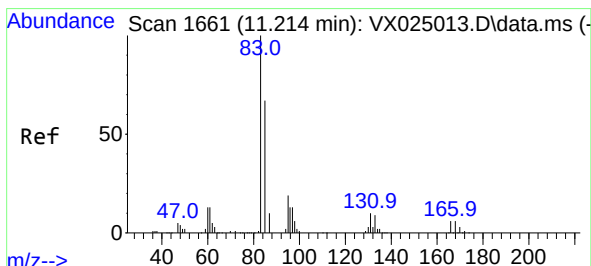
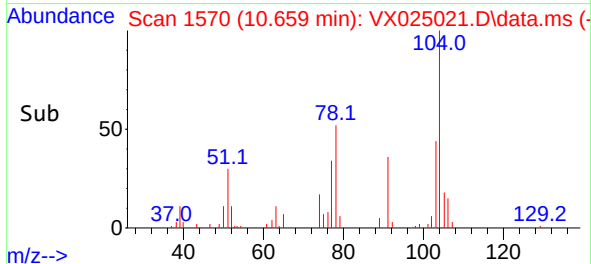
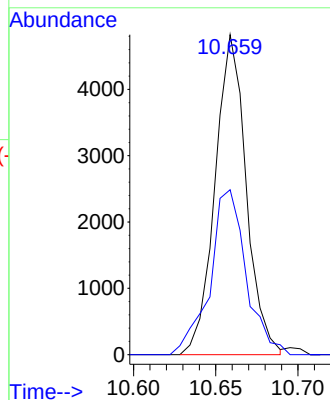
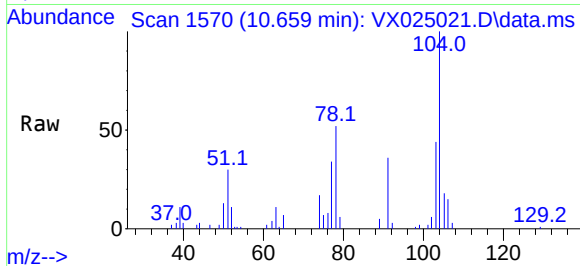
#55  
Styrene  
Concen: 1.933 ug/L  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

Tgt Ion: 104 Resp: 6358  
Ion Ratio Lower Upper  
104 100  
78 51.5 38.2 71.0

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL03

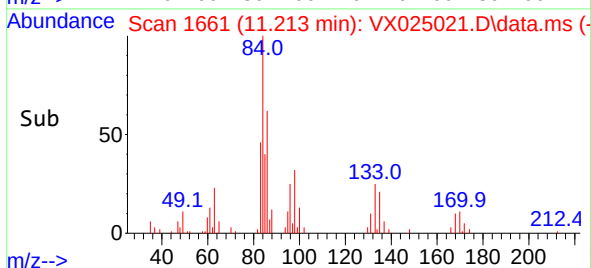
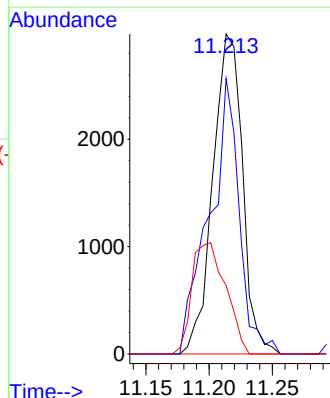
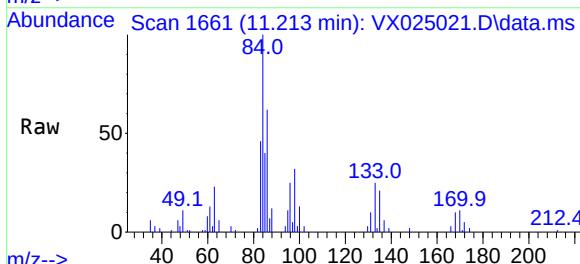
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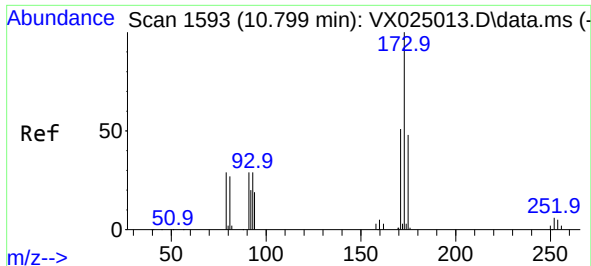


#57  
1,1,2,2-Tetrachloroethane  
Concen: 2.476 ug/L  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

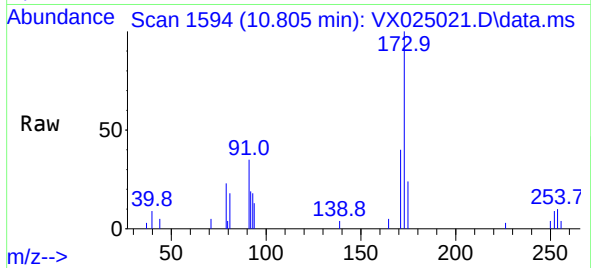
Tgt Ion: 83 Resp: 4860  
Ion Ratio Lower Upper  
83 100  
85 86.0 46.9 87.1  
131 21.5 8.7 13.1#



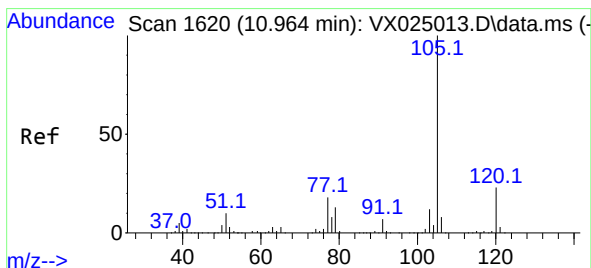
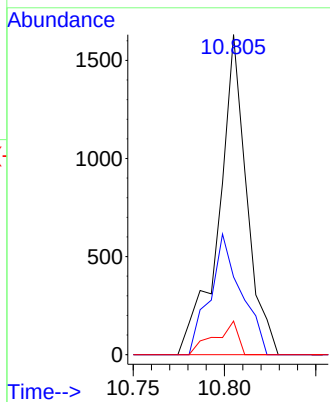
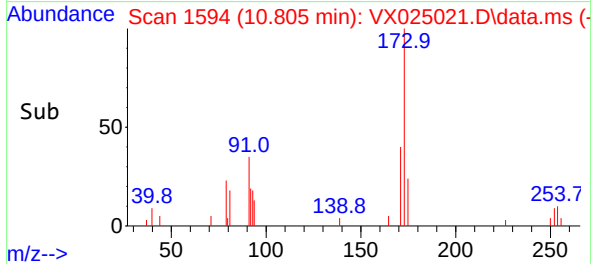




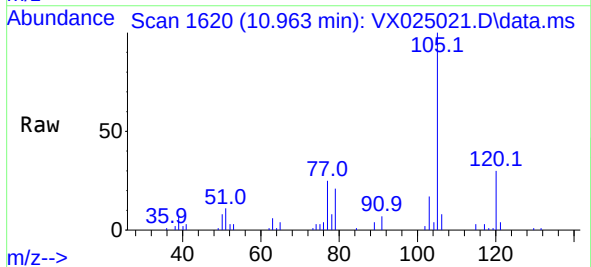
#59  
Bromoform  
Concen: 2.084 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



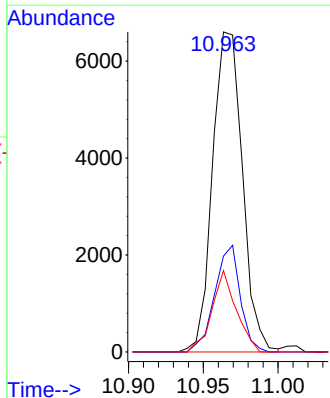
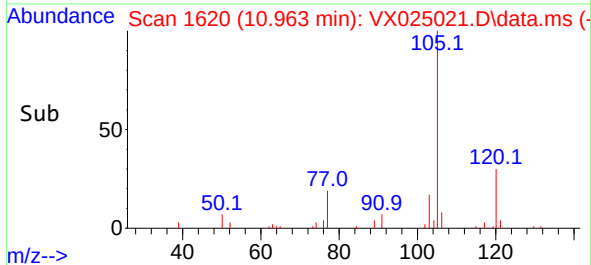
Tgt Ion:173 Resp: 1729  
Ion Ratio Lower Upper  
173 100  
175 42.2 36.6 55.0  
254 3.6 4.9 7.3#



#60  
Isopropylbenzene  
Concen: 1.785 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



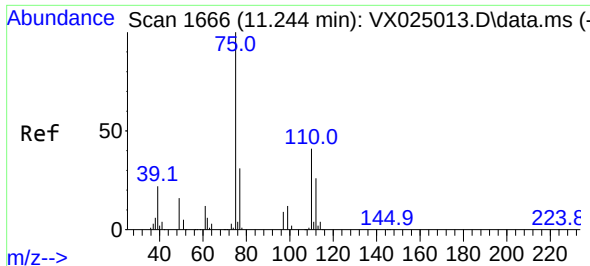
Tgt Ion:105 Resp: 9168  
Ion Ratio Lower Upper  
105 100  
120 28.5 19.8 29.6  
77 20.7 13.2 19.8#



Instrument :  
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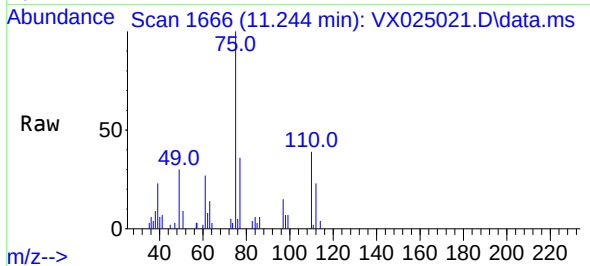
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#61  
1,2,3-Trichloropropane  
Concen: 2.141 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

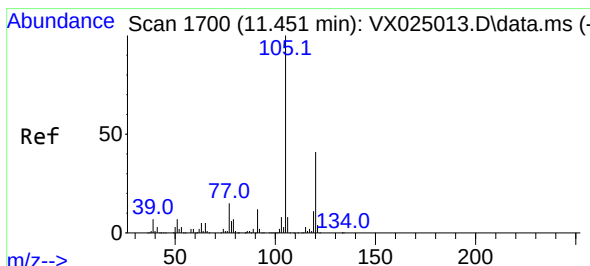
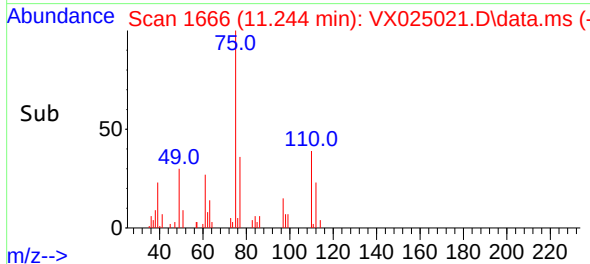
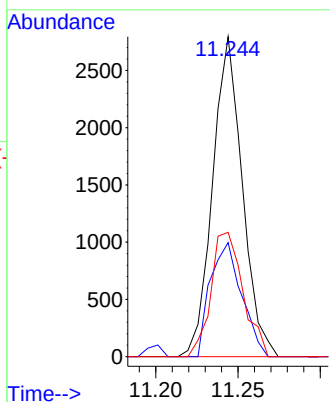
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03



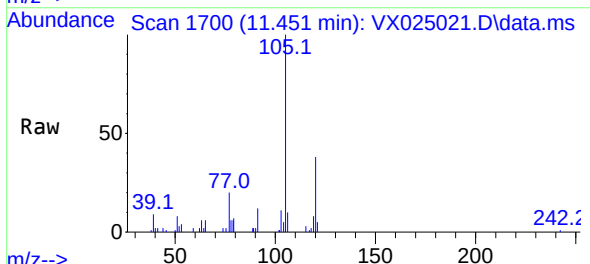
Tgt Ion: 75 Resp: 3513  
Ion Ratio Lower Upper  
75 100  
77 37.5 26.6 39.8  
110 41.9 37.2 55.8

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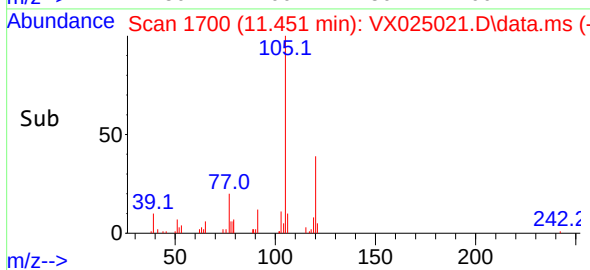
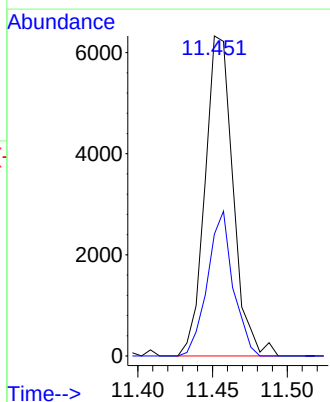
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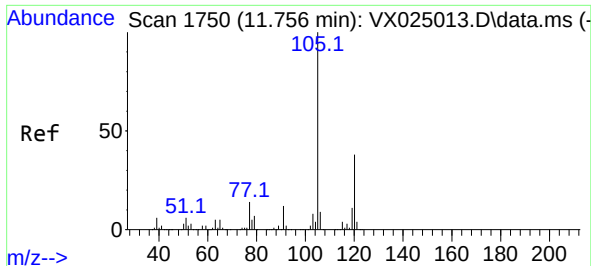


#62  
1,3,5-Trimethylbenzene  
Concen: 1.861 ug/L  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



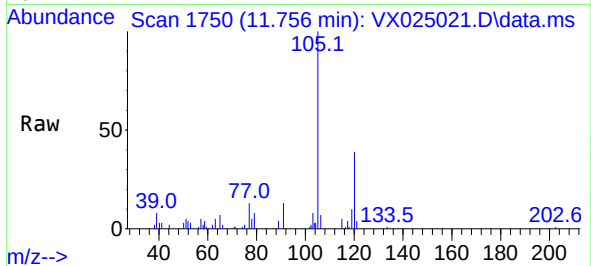
Tgt Ion: 105 Resp: 8275  
Ion Ratio Lower Upper  
105 100  
120 41.1 34.4 51.6





#63  
1,2,4-Trimethylbenzene  
Concen: 1.887 ug/L  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

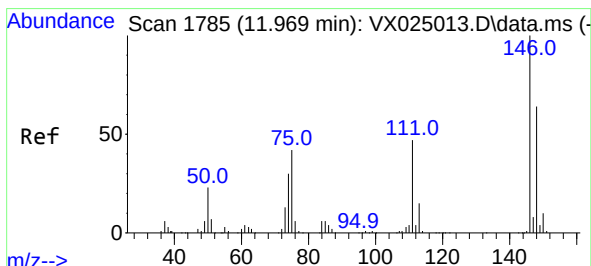
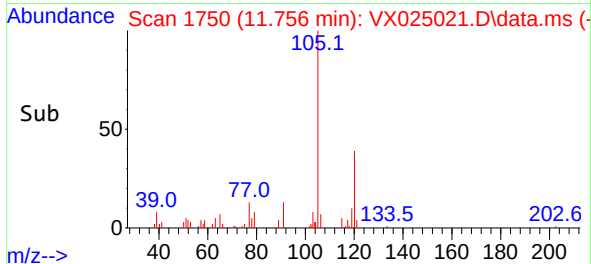
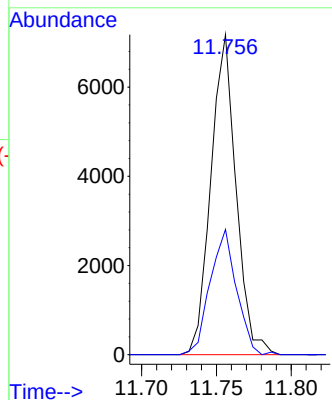
Instrument :  
MSVOA\_X  
ClientSampleId :  
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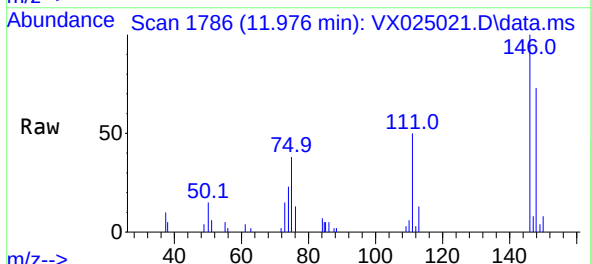
Tgt Ion:105 Resp: 8414  
Ion Ratio Lower Upper  
105 100  
120 40.9 31.0 46.6

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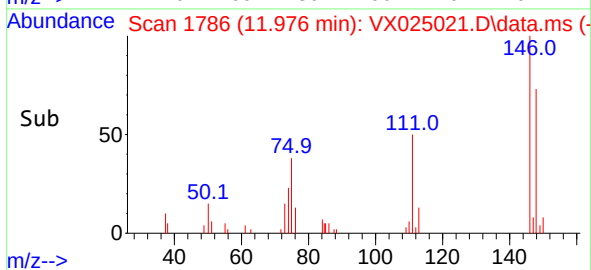
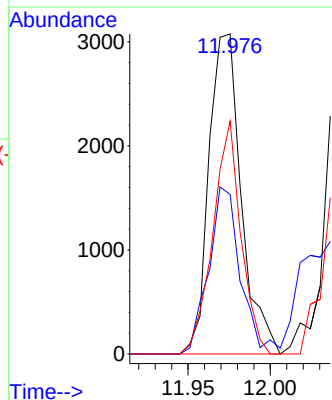
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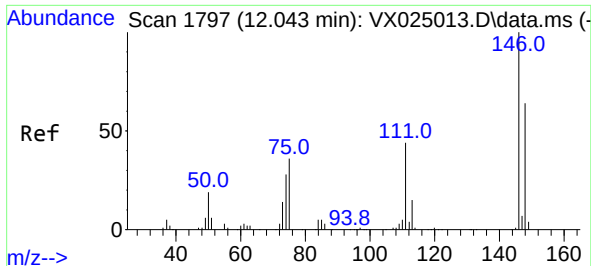


#64  
1,3-Dichlorobenzene  
Concen: 2.105 ug/L  
RT: 11.976 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

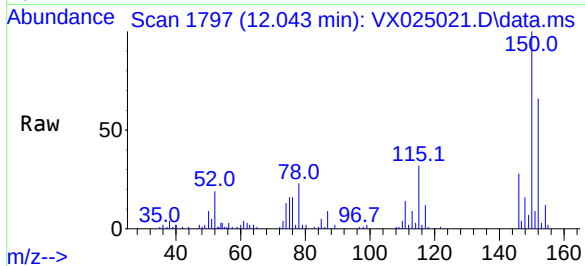


Tgt Ion:146 Resp: 4206  
Ion Ratio Lower Upper  
146 100  
111 49.9 31.1 57.9  
148 72.8 43.2 80.2

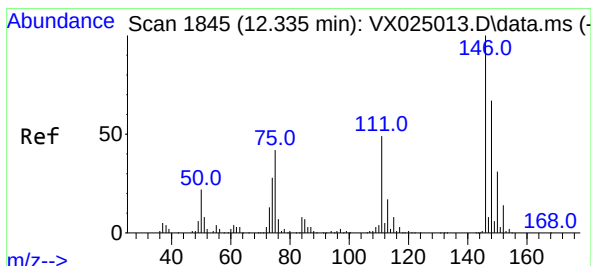
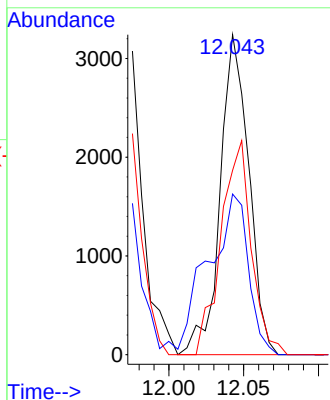
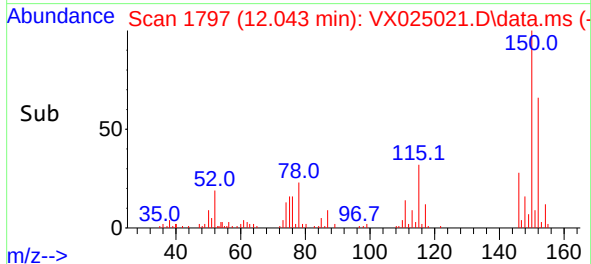




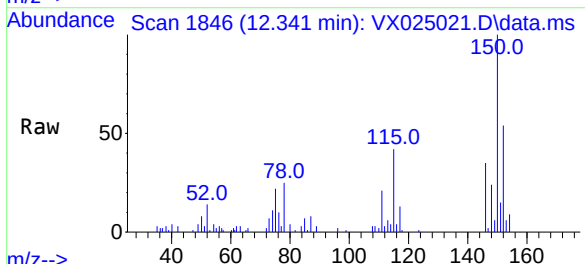
#65  
1,4-Dichlorobenzene  
Concen: 2.086 ug/L  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



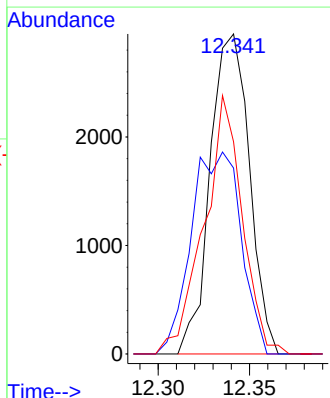
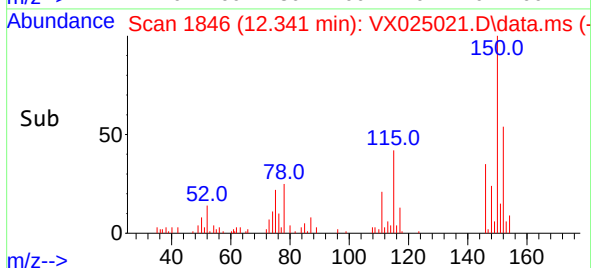
Tgt Ion:146 Resp: 4312  
Ion Ratio Lower Upper  
146 100  
111 50.2 31.8 59.0  
148 57.6 46.1 85.5



#67  
1,2-Dichlorobenzene  
Concen: 2.159 ug/L  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



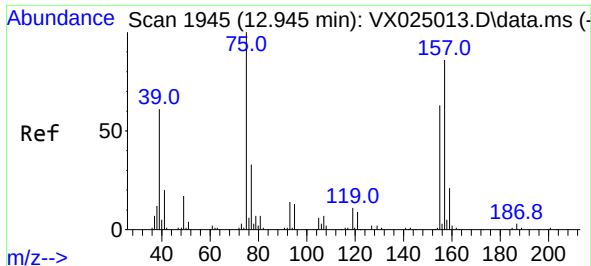
Tgt Ion:146 Resp: 4408  
Ion Ratio Lower Upper  
146 100  
111 58.1 38.5 57.7#  
148 66.3 53.2 79.8



Instrument :  
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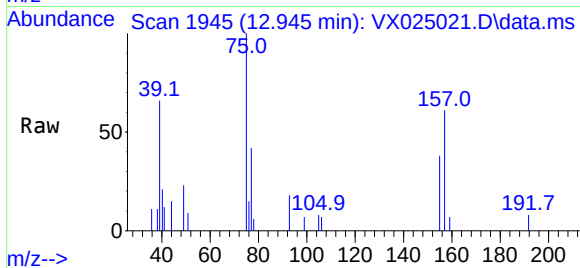
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#68  
1,2-Dibromo-3-chloropropane  
Concen: 2.024 ug/L  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

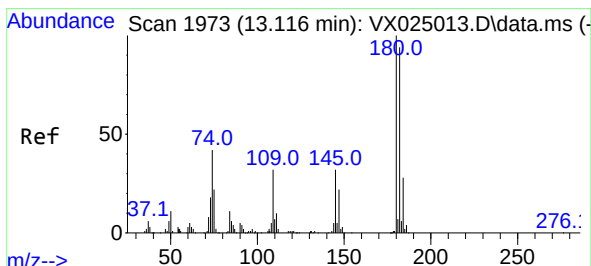
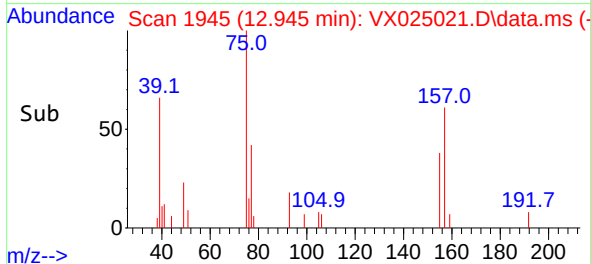
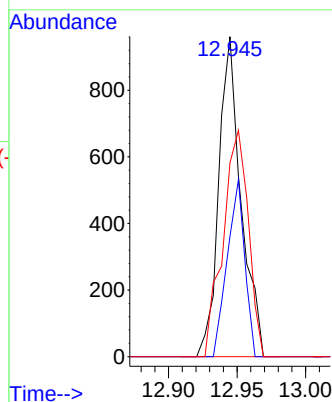
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03



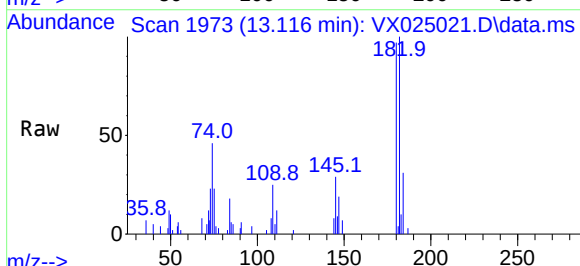
Tgt Ion: 75 Resp: 1083  
Ion Ratio Lower Upper  
75 100  
155 37.6 59.3 88.9#  
157 60.6 68.7 103.1#

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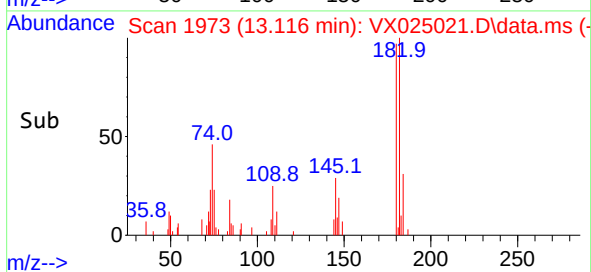
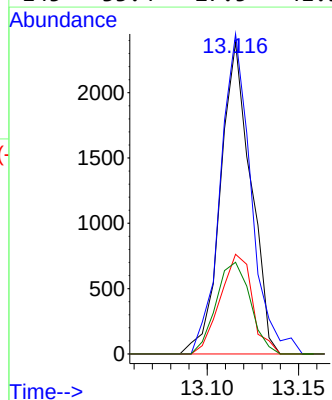
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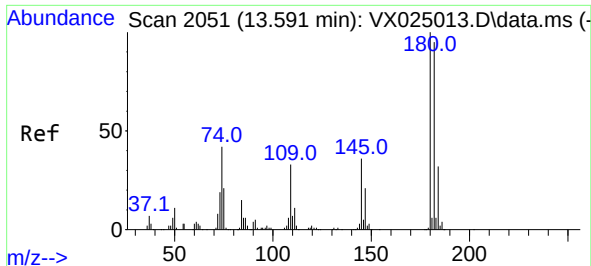


#69  
1,3,5-Trichlorobenzene  
Concen: 1.913 ug/L  
RT: 13.116 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37

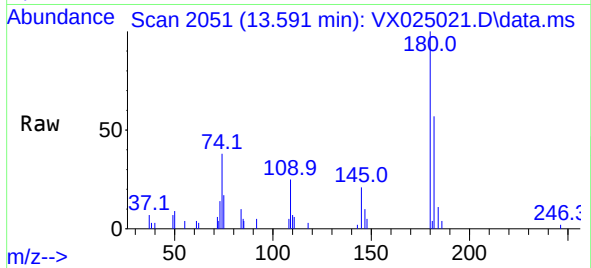


Tgt Ion: 180 Resp: 2746  
Ion Ratio Lower Upper  
180 100  
182 104.2 74.2 111.4  
184 34.0 23.7 35.5  
145 33.4 27.5 41.3

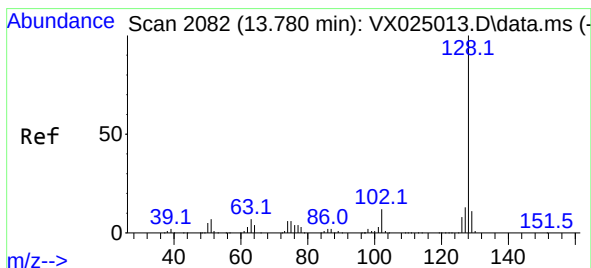
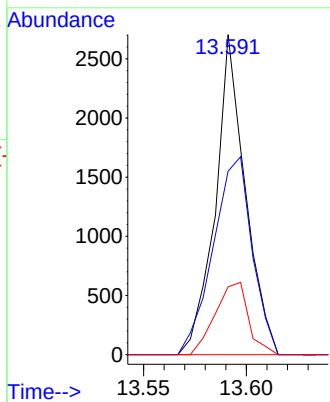
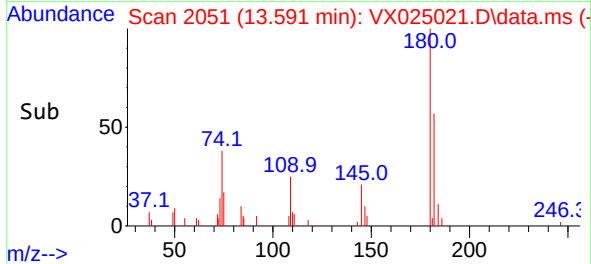




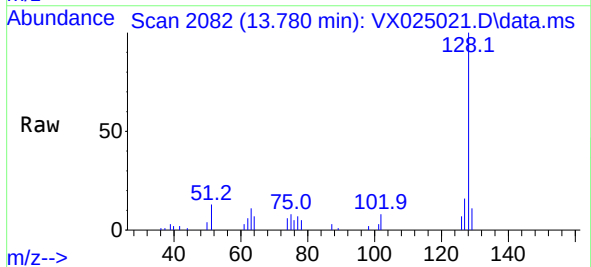
#70  
1,2,4-trichlorobenzene  
Concen: 2.258 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



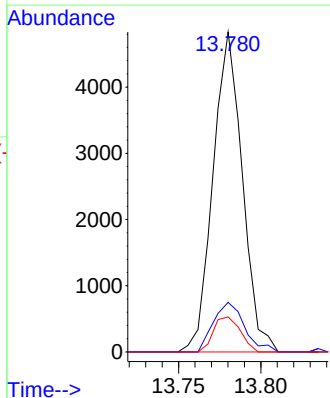
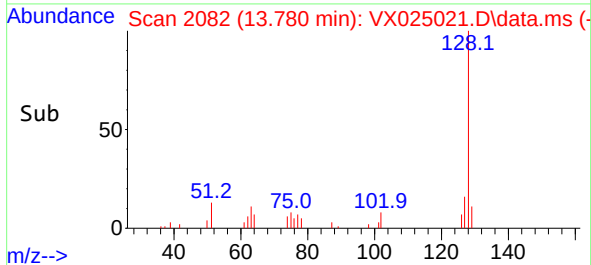
Tgt Ion:180 Resp: 2747  
Ion Ratio Lower Upper  
180 100  
182 80.2 76.4 114.6  
145 25.0 28.8 43.2#



#71  
Naphthalene  
Concen: 1.421 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



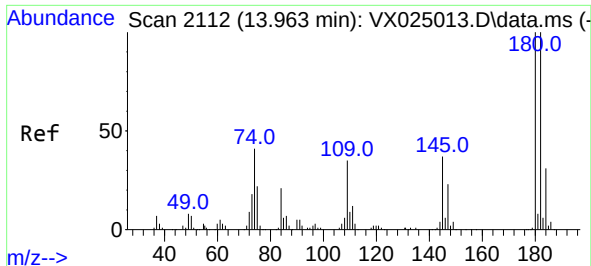
Tgt Ion:128 Resp: 5979  
Ion Ratio Lower Upper  
128 100  
127 16.5 10.6 15.8#  
129 10.1 9.1 13.7



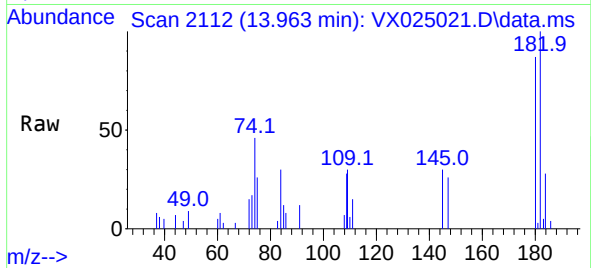
Instrument :  
MSVOA\_X  
ClientSampleId :  
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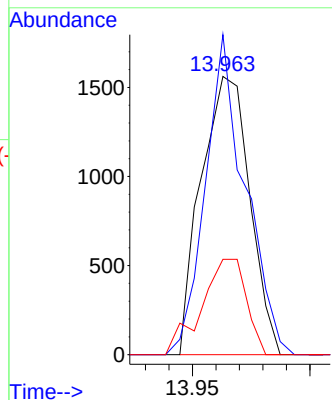
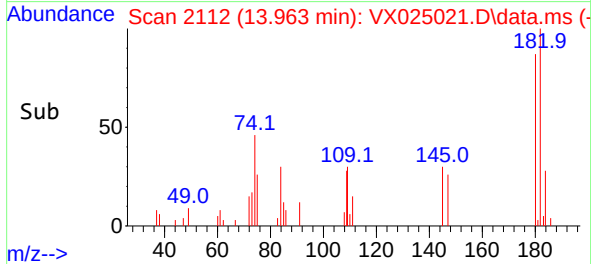
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#72  
1,2,3-Trichlorobenzene  
Concen: 1.798 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX025021.D  
Acq: 29 Oct 2021 13:37



Tgt Ion:180 Resp: 2250  
Ion Ratio Lower Upper  
180 100  
182 93.8 73.3 109.9  
145 31.6 29.0 43.4



Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL03

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