

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110821\  
 Data File : VX025100.D  
 Acq On : 08 Nov 2021 17:08  
 Operator : JC/MD  
 Sample : M4464-03MSDME 10X  
 Misc : 6.32g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GB7K1MEMSD

Quant Time: Nov 09 04:15:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 213026   | 50.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 234168   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 89531    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 82483    | 42.820   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.640%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 43956    | 36.400   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 72.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 175460   | 47.291   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 94.580%  |
| 21) 2-Butanone-d5             | 4.471   | 46    | 128036   | 96.716   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.720%  |
| 24) Chloroform-d              | 5.056   | 84    | 169535   | 44.769   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.540%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 99655    | 40.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.460%  |
| 32) Benzene-d6                | 5.976   | 84    | 229414   | 27.516   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 55.040%# |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 74641    | 30.382   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 60.760%# |
| 41) Toluene-d8                | 8.653   | 98    | 297935   | 42.509   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.020%  |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 57611    | 43.936   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.880%  |
| 47) 2-Hexanone-d5             | 9.390   | 63    | 101322   | 96.550   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 96.550%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 138011   | 40.583   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 81.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 78736    | 44.867   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.740%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 105631   | 48.000   | ug/L   | 98       |
| 3) Chloromethane              | 1.288   | 50    | 69649    | 45.035   | ug/L   | 86       |
| 5) Vinyl chloride             | 1.374   | 62    | 88537    | 48.239   | ug/L   | 99       |
| 6) Bromomethane               | 1.611   | 94    | 52471    | 44.829   | ug/L   | 92       |
| 8) Chloroethane               | 1.684   | 64    | 33531    | 31.344   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.886   | 101   | 160892   | 47.466   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 90560    | 52.369   | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 76201    | 50.106   | ug/L   | 84       |
| 13) Acetone                   | 2.392   | 43    | 118470   | 90.947   | ug/L   | 98       |
| 14) Carbon disulfide          | 2.514   | 76    | 182714   | 46.275   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.709   | 43    | 90146    | 50.050   | ug/L   | # 82     |
| 16) Methylene chloride        | 2.788   | 84    | 86028    | 50.310   | ug/L   | # 78     |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 77414    | 50.146   | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 3.117   | 73    | 300325   | 50.163   | ug/L   | 94       |
| 19) 1,1-Dichloroethane        | 3.617   | 63    | 180260   | 55.917   | ug/L   | 95       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 248485   | 138.979  | ug/L   | 84       |
| 22) 2-Butanone                | 4.574   | 43    | 144890   | 93.652   | ug/L   | 85       |
| 23) Bromochloromethane        | 4.903   | 128   | 38546    | 45.788   | ug/L   | # 56     |
| 25) Chloroform                | 5.099   | 83    | 168538   | 47.365   | ug/L   | 98       |

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 Sample : M4464-03MSDME 10X  
 Misc : 6.32g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Nov 09 04:15:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

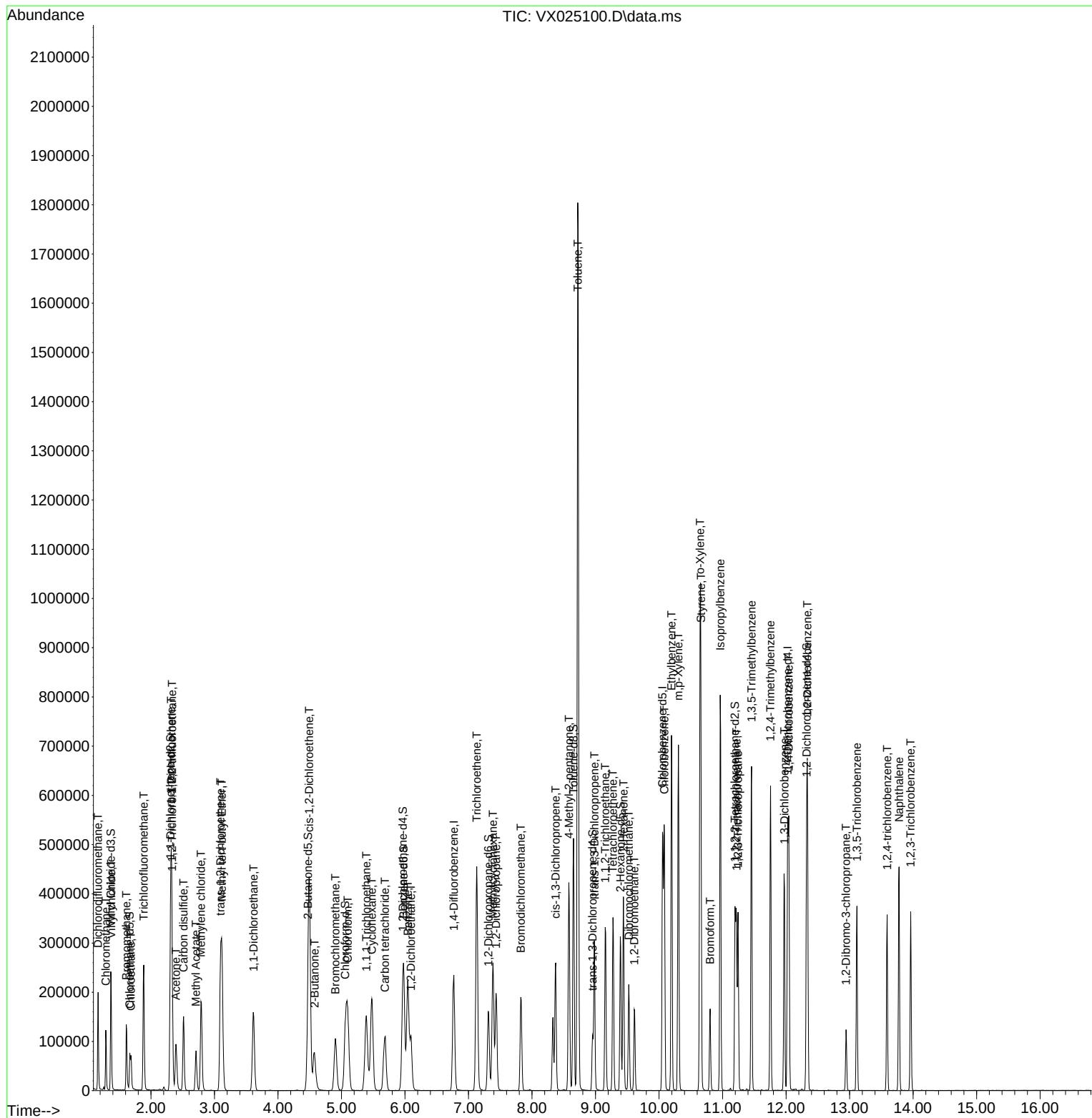
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 27) 1,2-Dichloroethane        | 6.092  | 62   | 121869   | 44.343  | ug/L   | 100      |
| 29) Cyclohexane               | 5.476  | 56   | 123863   | 34.559  | ug/L # | 72       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 153441   | 36.171  | ug/L # | 90       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 99652    | 29.290  | ug/L   | 99       |
| 33) Benzene                   | 6.043  | 78   | 246330   | 27.956  | ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 172067   | 76.664  | ug/L   | 97       |
| 35) Methylcyclohexane         | 7.385  | 83   | 108184   | 32.406  | ug/L # | 88       |
| 37) 1,2-Dichloropropane       | 7.433  | 63   | 74790    | 36.551  | ug/L   | 97       |
| 38) Bromodichloromethane      | 7.824  | 83   | 130280   | 42.562  | ug/L # | 95       |
| 39) cis-1,3-Dichloropropene   | 8.372  | 75   | 145003   | 43.906  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 248235   | 77.857  | ug/L # | 87       |
| 42) Toluene                   | 8.720  | 91   | 1200926  | 143.166 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 150863   | 45.560  | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 86082    | 45.612  | ug/L   | 96       |
| 46) Tetrachloroethene         | 9.275  | 164  | 61278    | 49.305  | ug/L   | 97       |
| 48) 2-Hexanone                | 9.439  | 43   | 200543   | 76.433  | ug/L # | 88       |
| 49) Dibromochloromethane      | 9.525  | 129  | 89824    | 44.859  | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 93763    | 46.541  | ug/L   | 97       |
| 51) Chlorobenzene             | 10.085 | 112  | 231784   | 47.174  | ug/L   | 99       |
| 52) Ethylbenzene              | 10.195 | 91   | 424186   | 47.035  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 154459   | 47.085  | ug/L   | 98       |
| 54) o-Xylene                  | 10.646 | 106  | 151368   | 48.761  | ug/L   | 99       |
| 55) Styrene                   | 10.658 | 104  | 253060   | 46.825  | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 11.219 | 83   | 141742   | 41.989  | ug/L # | 95       |
| 59) Bromoform                 | 10.805 | 173  | 57205    | 54.365  | ug/L # | 97       |
| 60) Isopropylbenzene          | 10.963 | 105  | 410110   | 54.951  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 121550   | 55.983  | ug/L   | 92       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 280915   | 45.447  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 257020   | 42.399  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.975 | 146  | 120274   | 44.509  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 137803   | 50.160  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 134926   | 48.385  | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 25207    | 37.385  | ug/L # | 79       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 70312    | 36.291  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 62762    | 37.824  | ug/L   | 98       |
| 71) Naphthalene               | 13.780 | 128  | 250767   | 42.001  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 66609    | 40.918  | ug/L   | 99       |

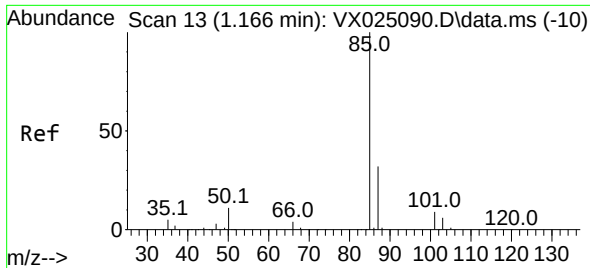
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 09 03:59:51 2021  
 Response via : Initial Calibration

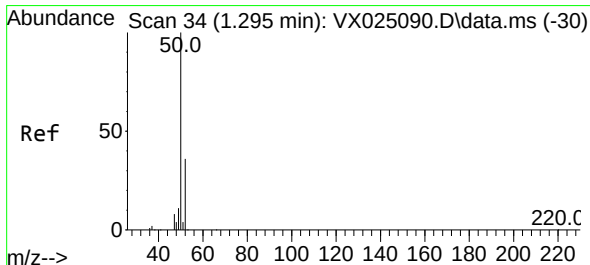
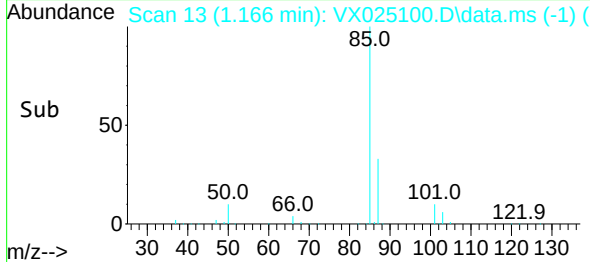
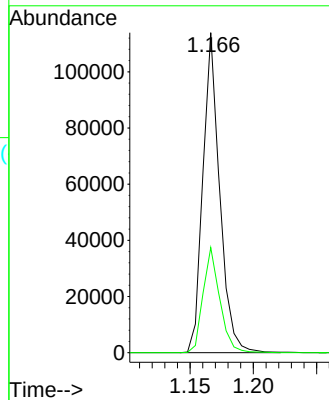
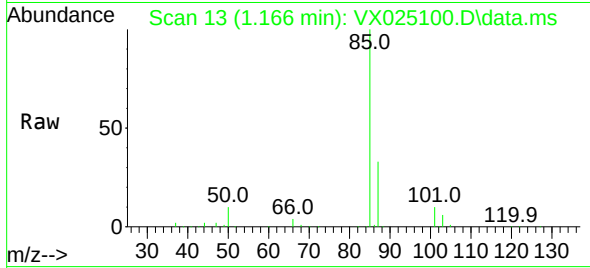




#2  
 Dichlorodifluoromethane  
 Concen: 48.000 ug/L  
 RT: 1.166 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX025100.D  
 Acq: 08 Nov 2021 17:08

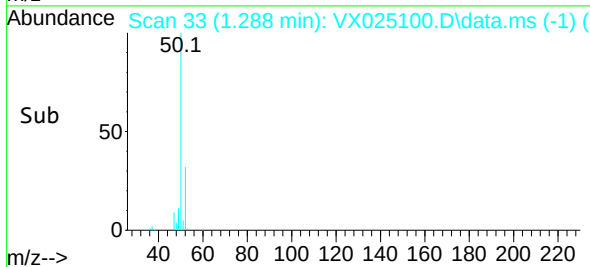
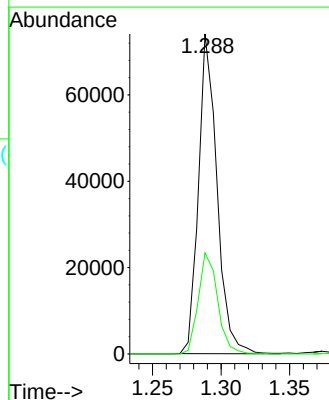
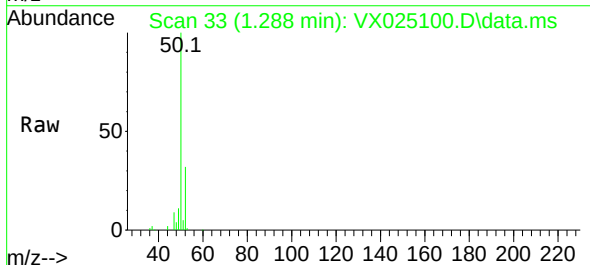
Instrument :  
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 ClientSampleId :  
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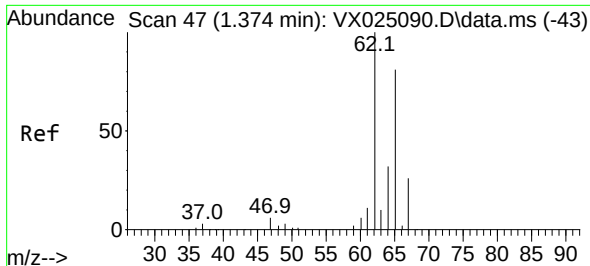
Tgt Ion: 85 Resp: 105631  
 Ion Ratio Lower Upper  
 85 100  
 87 32.7 25.3 37.9



#3  
 Chloromethane  
 Concen: 45.035 ug/L  
 RT: 1.288 min Scan# 33  
 Delta R.T. -0.006 min  
 Lab File: VX025100.D  
 Acq: 08 Nov 2021 17:08

Tgt Ion: 50 Resp: 69649  
 Ion Ratio Lower Upper  
 50 100  
 52 31.6 28.0 52.0

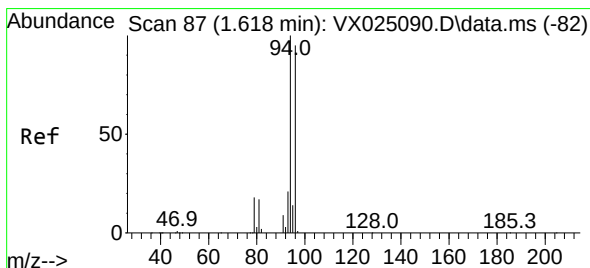
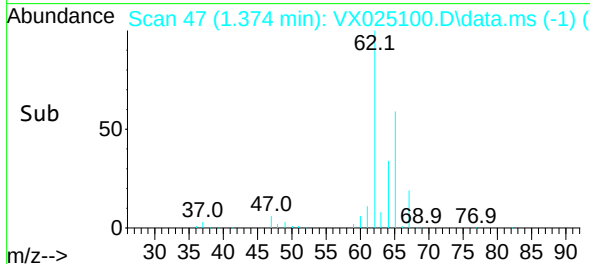
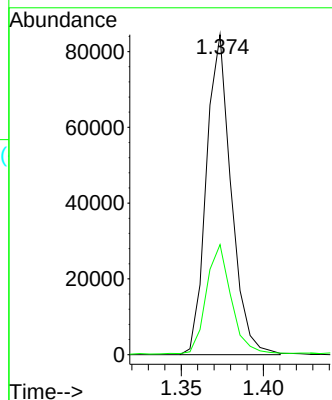
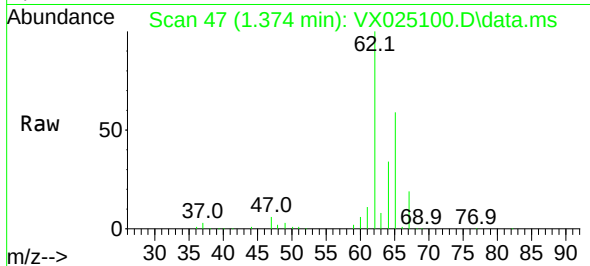




#5  
 Vinyl chloride  
 Concen: 48.239 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX025100.D  
 Acq: 08 Nov 2021 17:08

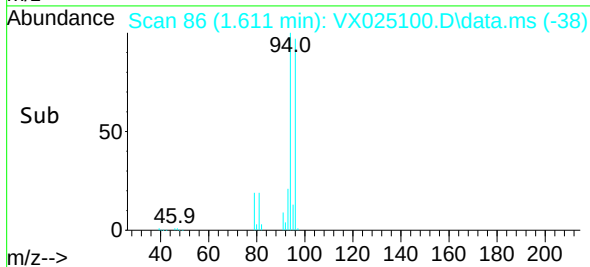
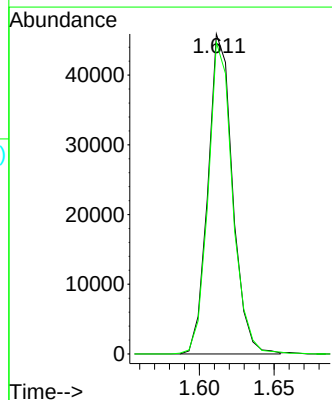
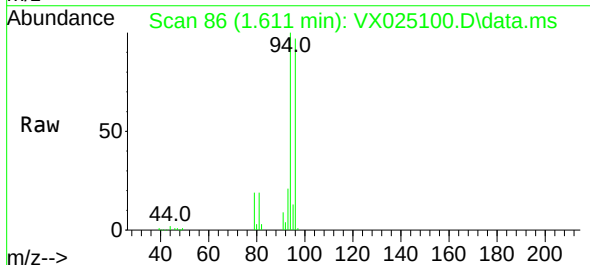
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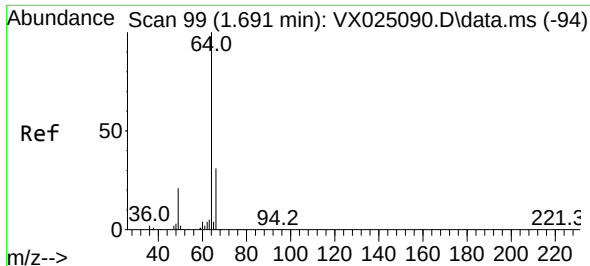
Tgt Ion: 62 Resp: 88537  
 Ion Ratio Lower Upper  
 62 100  
 64 34.4 23.6 43.8



#6  
 Bromomethane  
 Concen: 44.829 ug/L  
 RT: 1.611 min Scan# 86  
 Delta R.T. -0.007 min  
 Lab File: VX025100.D  
 Acq: 08 Nov 2021 17:08

Tgt Ion: 94 Resp: 52471  
 Ion Ratio Lower Upper  
 94 100  
 96 97.4 62.9 116.9

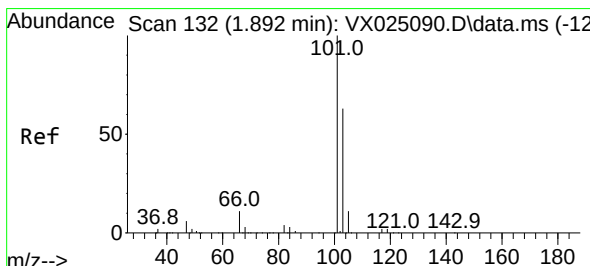
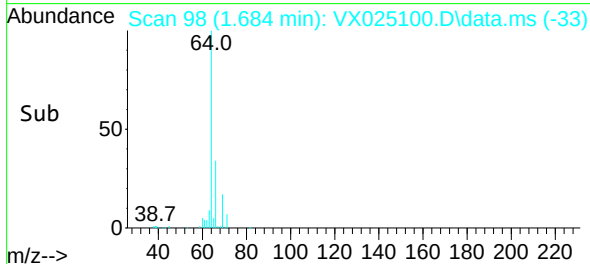
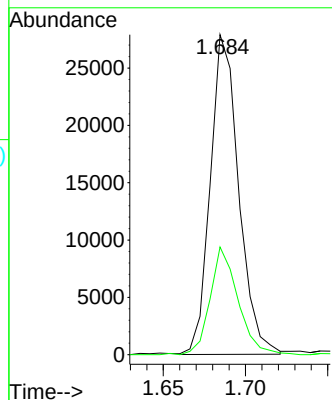
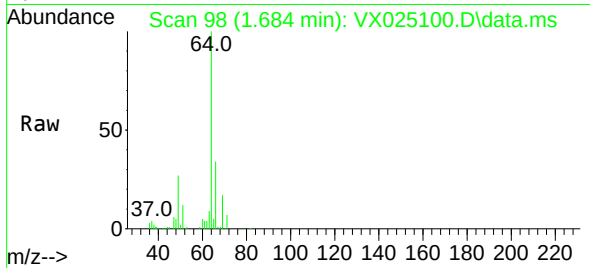




#8  
Chloroethane  
Concen: 31.344 ug/L  
RT: 1.684 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

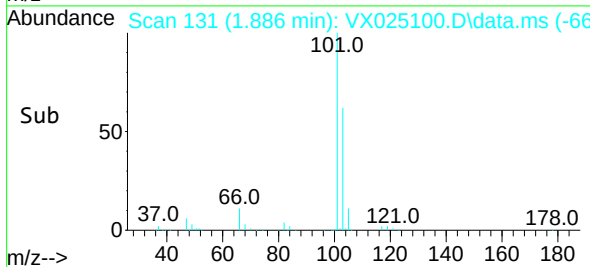
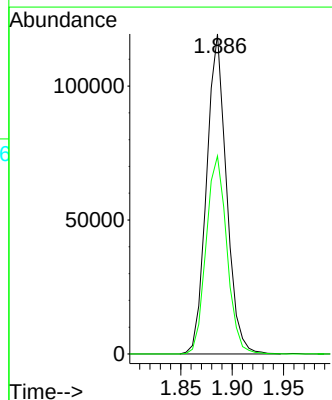
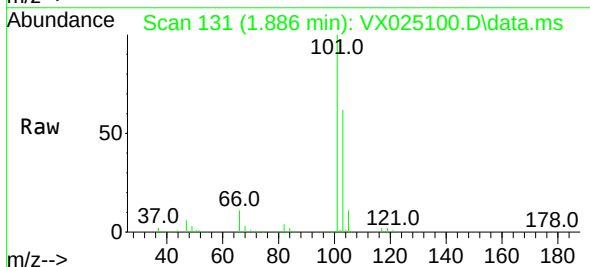
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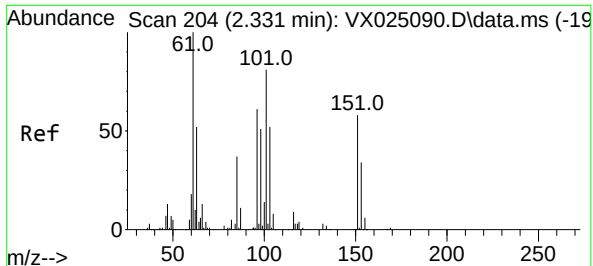
Tgt Ion: 64 Resp: 33531  
Ion Ratio Lower Upper  
64 100  
66 33.7 23.3 43.3



#9  
Trichlorofluoromethane  
Concen: 47.466 ug/L  
RT: 1.886 min Scan# 131  
Delta R.T. -0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 101 Resp: 160892  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.4 77.0

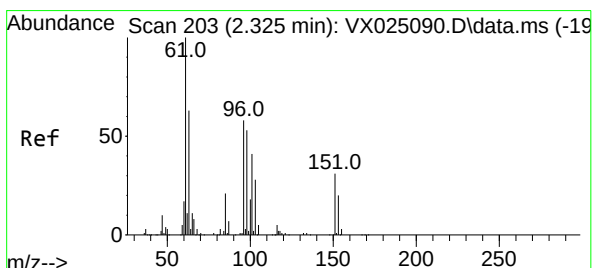
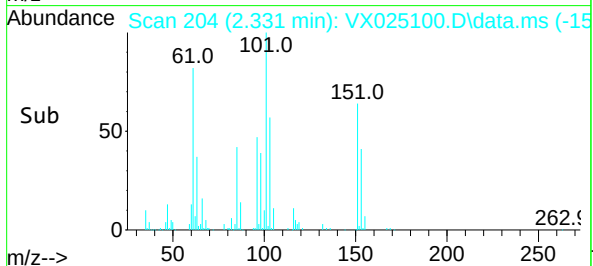
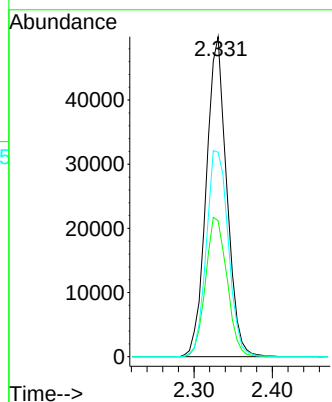
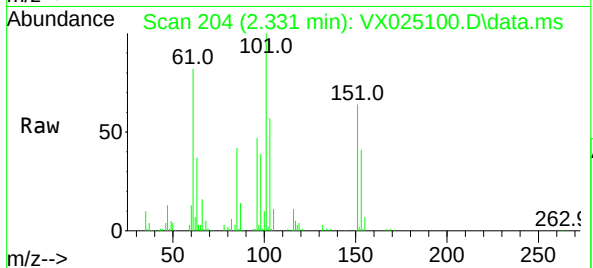




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 52.369 ug/L  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

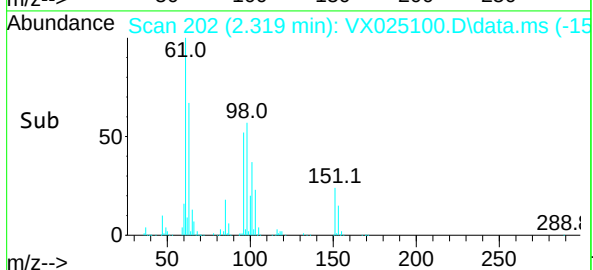
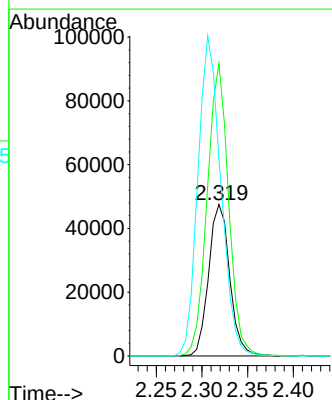
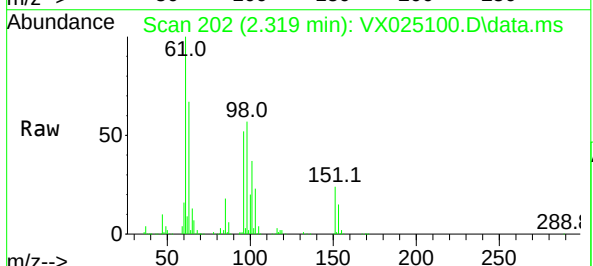
Instrument :  
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ClientSampleId :  
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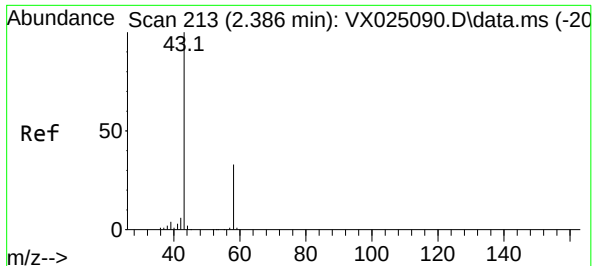
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Ion Ratio Lower Upper  
101 100  
85 45.6 35.3 52.9  
151 69.0 62.3 93.5



#12  
1,1-Dichloroethene  
Concen: 50.106 ug/L  
RT: 2.319 min Scan# 202  
Delta R.T. -0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 96 Resp: 76201  
Ion Ratio Lower Upper  
96 100  
61 193.0 109.9 204.1  
63 129.8 92.4 171.6

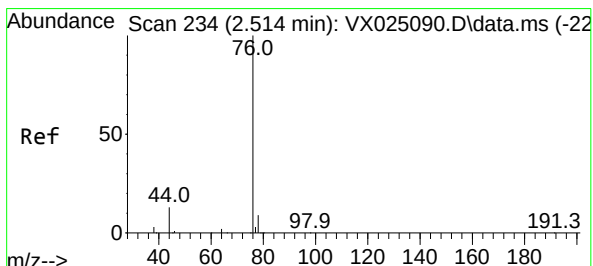
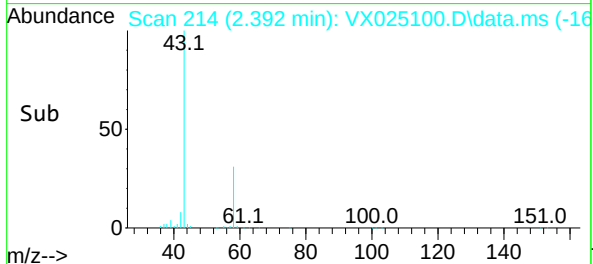
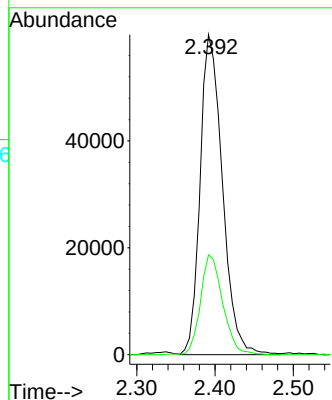
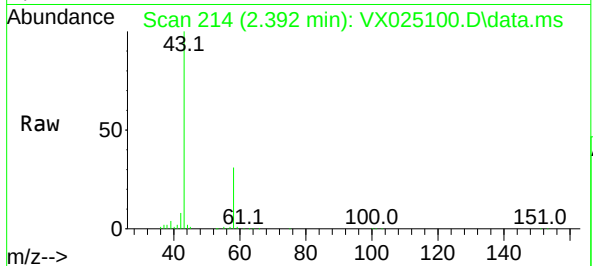




#13  
Acetone  
Concen: 90.947 ug/L  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

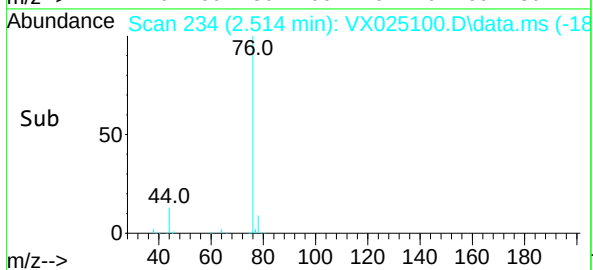
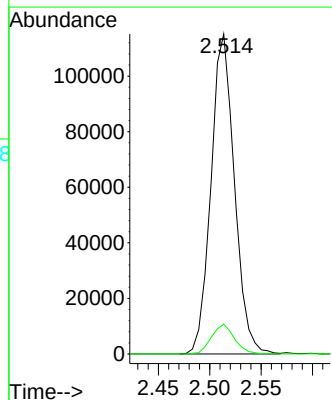
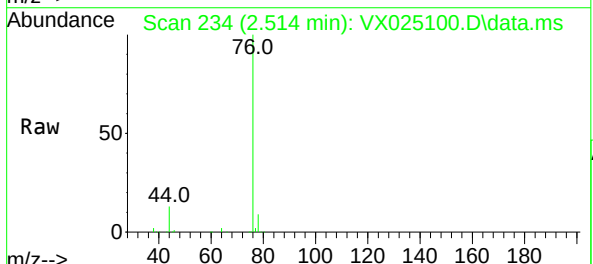
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

Tgt Ion: 43 Resp: 118470  
Ion Ratio Lower Upper  
43 100  
58 31.0 0.0 64.8

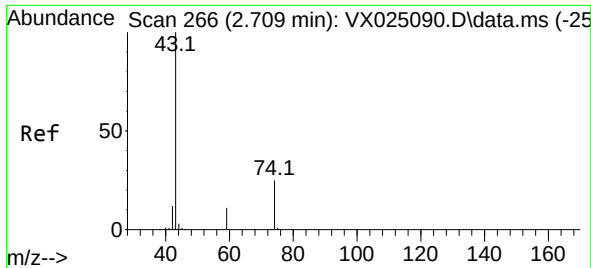


#14  
Carbon disulfide  
Concen: 46.275 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 76 Resp: 182714  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



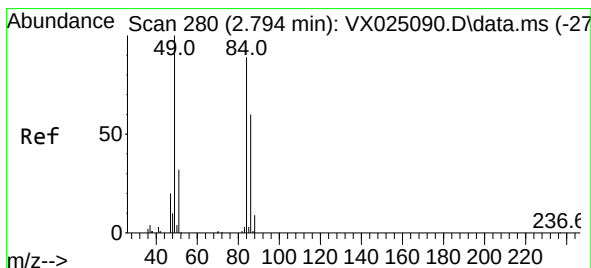
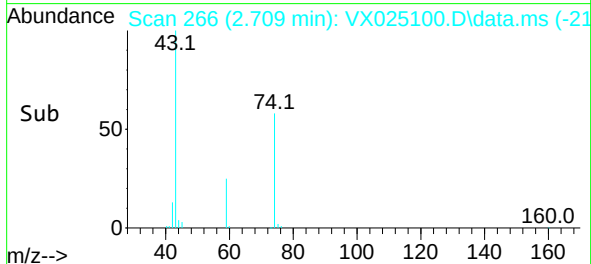
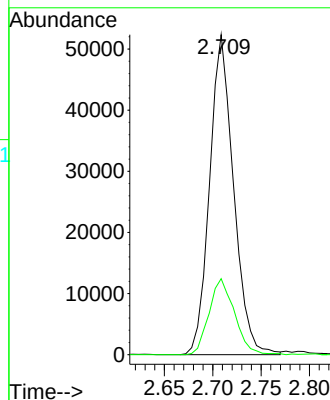
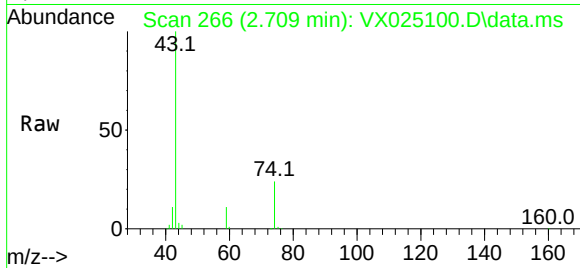




#15  
Methyl Acetate  
Concen: 50.050 ug/L  
RT: 2.709 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

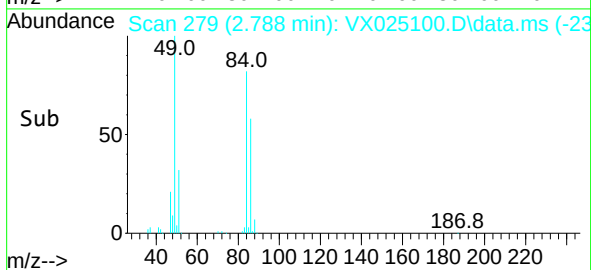
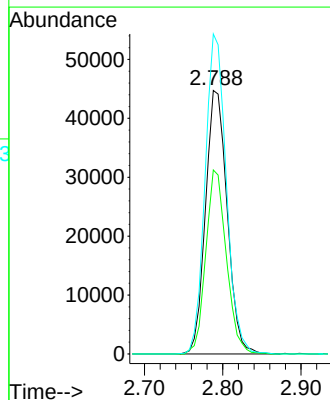
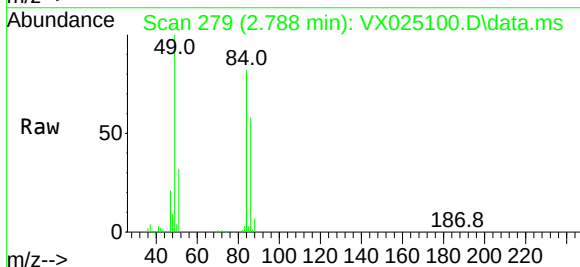
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

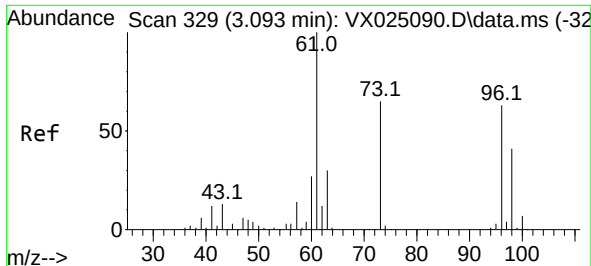
Tgt Ion: 43 Resp: 90146  
Ion Ratio Lower Upper  
43 100  
74 25.1 28.6 42.8#



#16  
Methylene chloride  
Concen: 50.310 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 84 Resp: 86028  
Ion Ratio Lower Upper  
84 100  
86 69.8 44.4 82.5  
49 121.4 64.0 118.8#

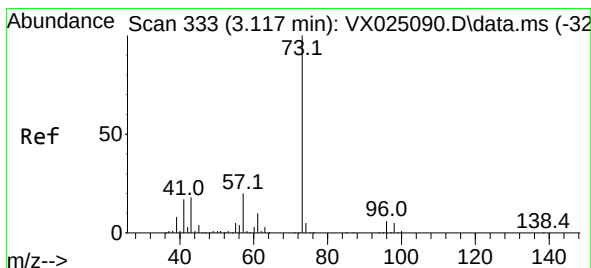
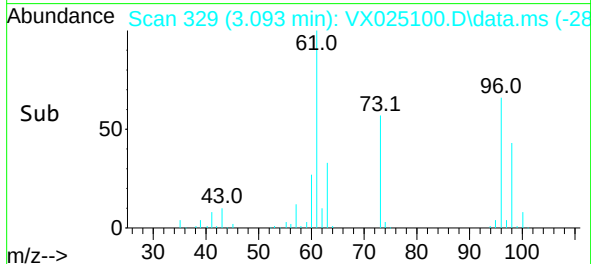
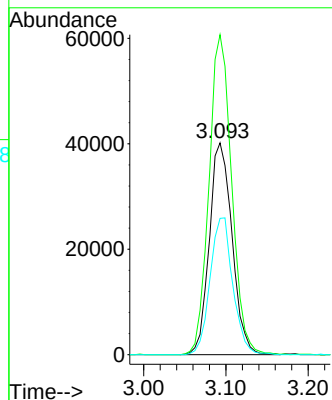
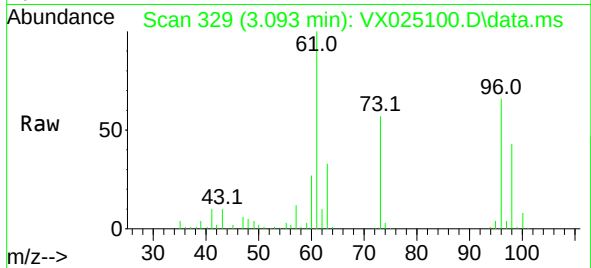




#17  
trans-1,2-Dichloroethene  
Concen: 50.146 ug/L  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

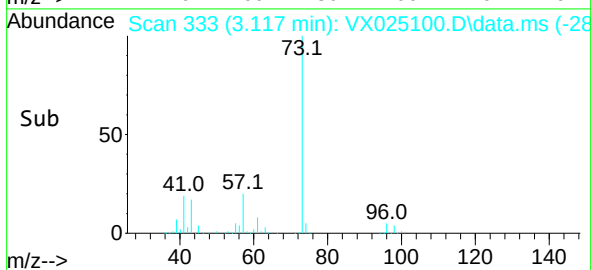
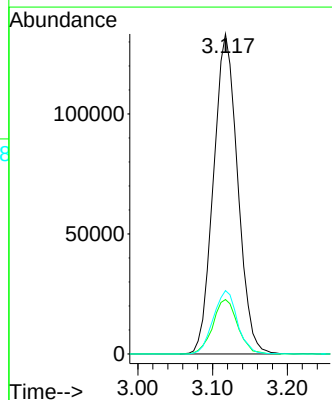
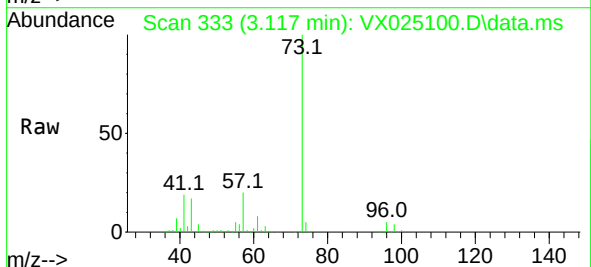
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

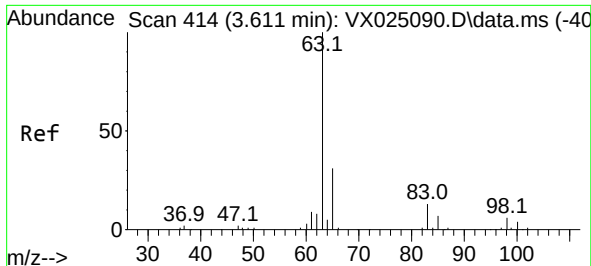
Tgt Ion: 96 Resp: 77414  
Ion Ratio Lower Upper  
96 100  
61 151.0 99.4 184.6  
98 64.4 47.0 87.2



#18  
Methyl tert-butyl Ether  
Concen: 50.163 ug/L  
RT: 3.117 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 73 Resp: 300325  
Ion Ratio Lower Upper  
73 100  
43 17.4 12.4 18.6  
57 19.7 13.2 19.8





#19

1,1-Dichloroethane

Concen: 55.917 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

GB7K1MEMSD

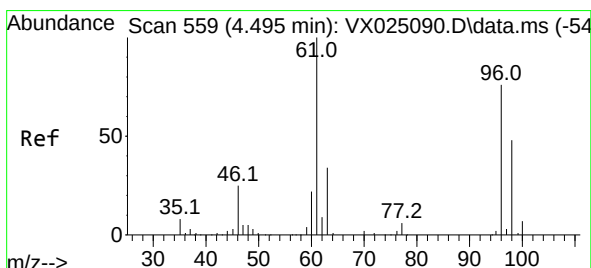
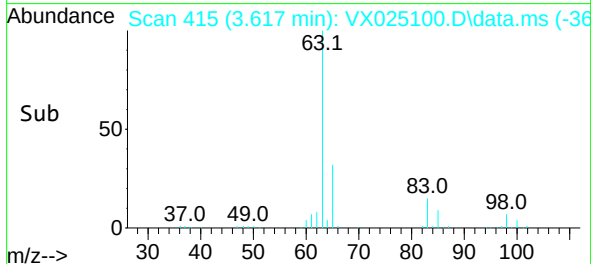
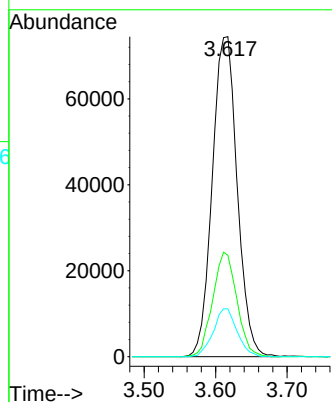
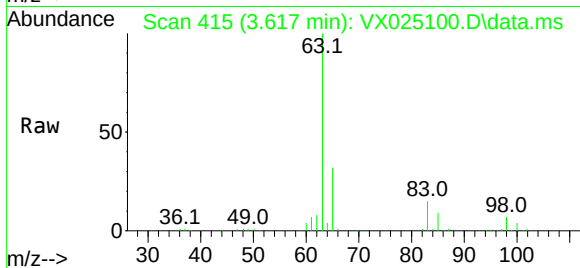
Tgt Ion: 63 Resp: 180260

Ion Ratio Lower Upper

63 100

65 31.7 24.5 45.5

83 14.9 11.7 21.7



#20

cis-1,2-Dichloroethene

Concen: 138.979 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

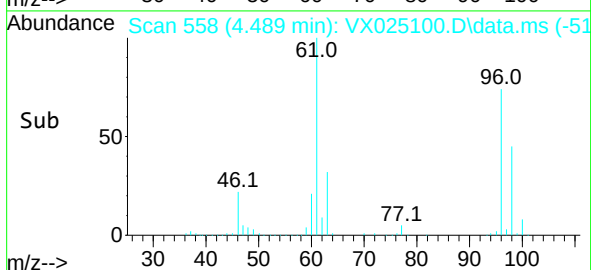
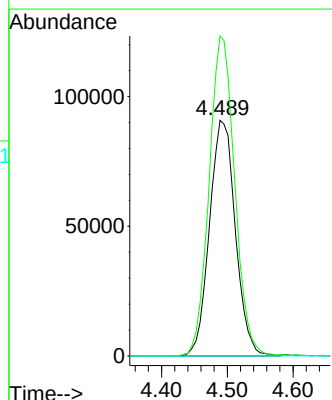
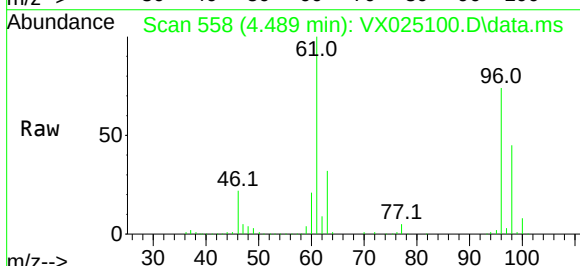
Tgt Ion: 96 Resp: 248485

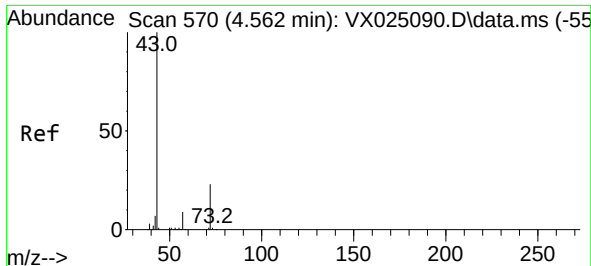
Ion Ratio Lower Upper

96 100

61 135.8 82.6 153.4

68 0.0 0.0 0.0

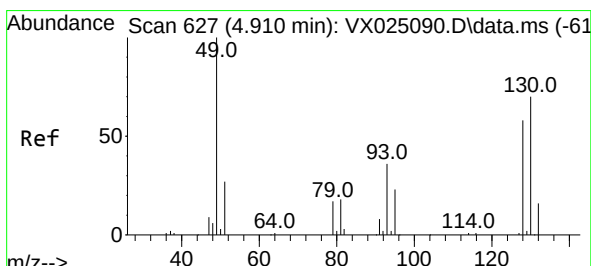
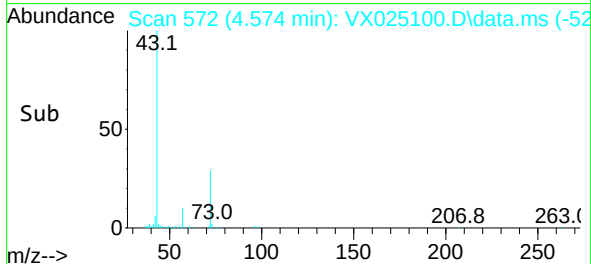
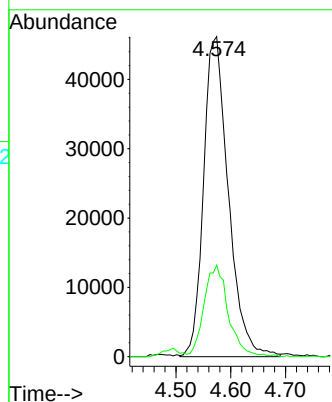
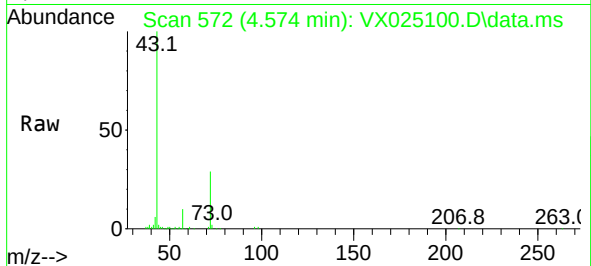




#22  
2-Butanone  
Concen: 93.652 ug/L  
RT: 4.574 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

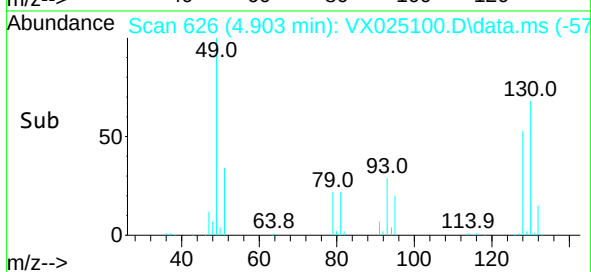
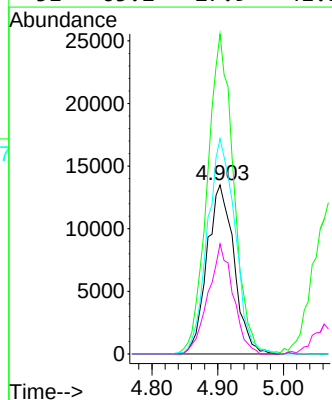
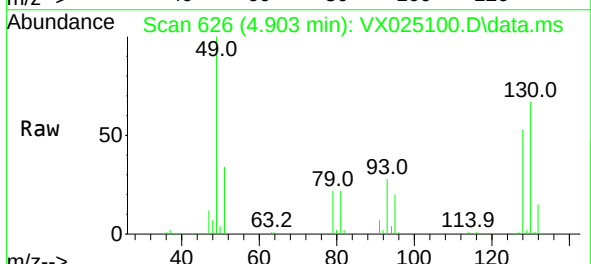
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

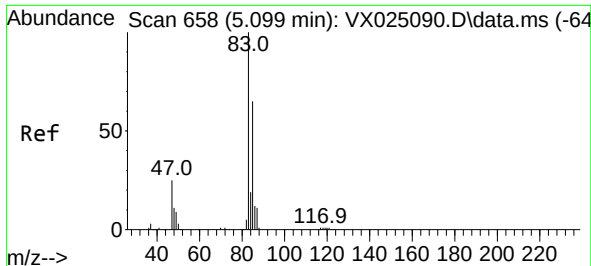
Tgt Ion: 43 Resp: 144890  
Ion Ratio Lower Upper  
43 100  
72 27.7 18.4 55.0



#23  
Bromochloromethane  
Concen: 45.788 ug/L  
RT: 4.903 min Scan# 626  
Delta R.T. -0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion:128 Resp: 38546  
Ion Ratio Lower Upper  
128 100  
49 189.4 71.5 132.7#  
130 127.5 84.3 156.5  
51 65.2 27.9 41.9#

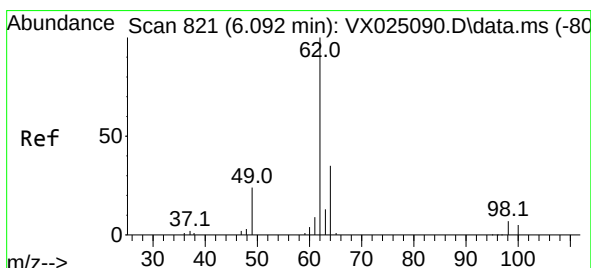
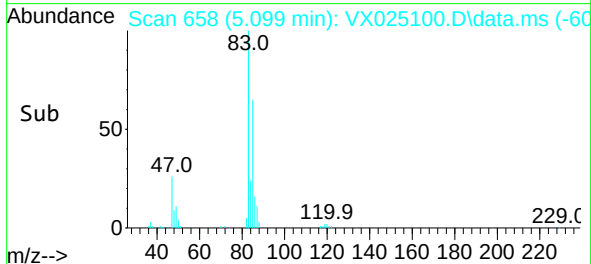
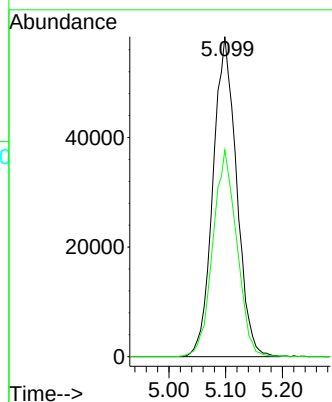
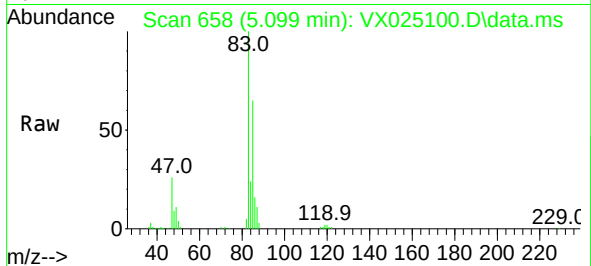




#25  
Chloroform  
Concen: 47.365 ug/L  
RT: 5.099 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

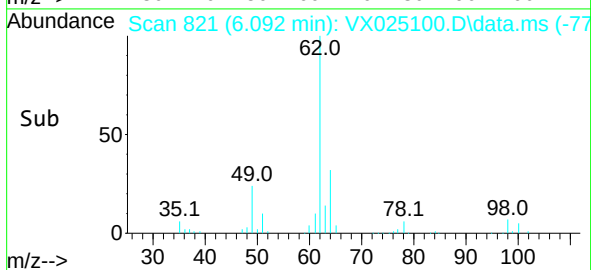
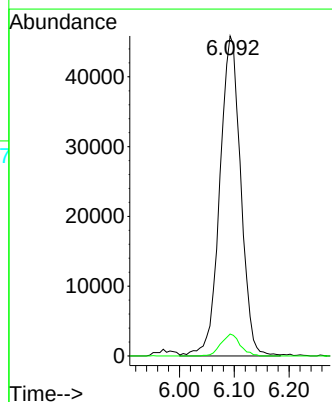
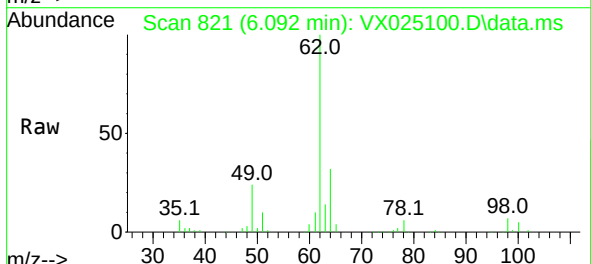
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

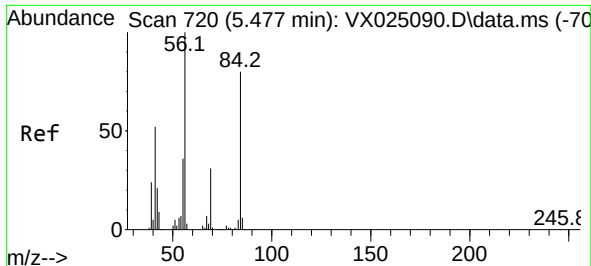
Tgt Ion: 83 Resp: 168538  
Ion Ratio Lower Upper  
83 100  
85 64.6 46.3 86.1



#27  
1,2-Dichloroethane  
Concen: 44.343 ug/L  
RT: 6.092 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 62 Resp: 121869  
Ion Ratio Lower Upper  
62 100  
98 6.8 5.5 8.3

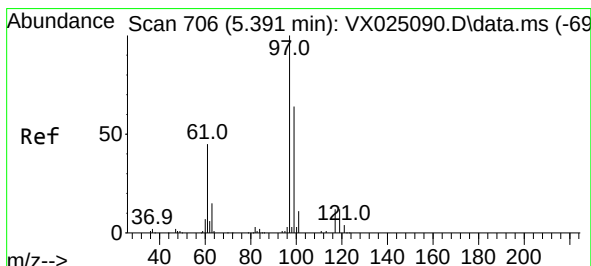
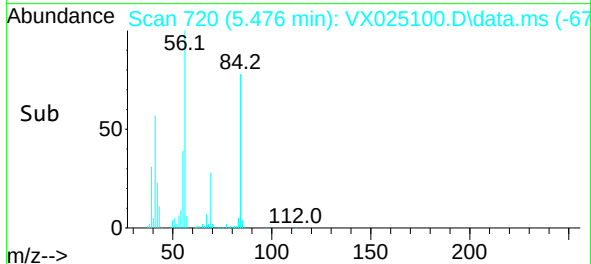
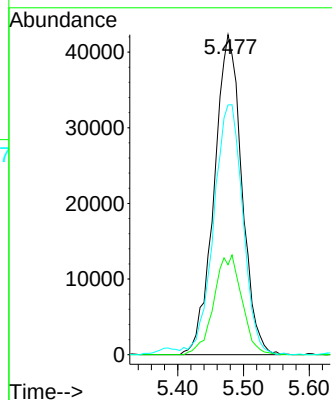
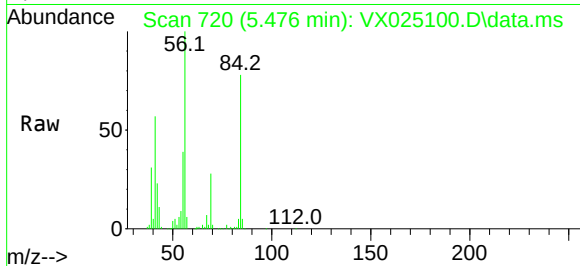




#29  
Cyclohexane  
Concen: 34.559 ug/L  
RT: 5.476 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

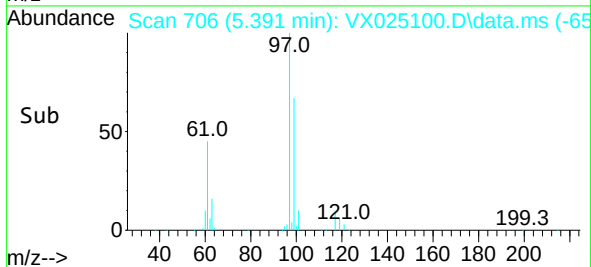
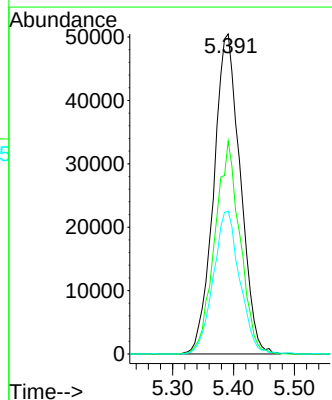
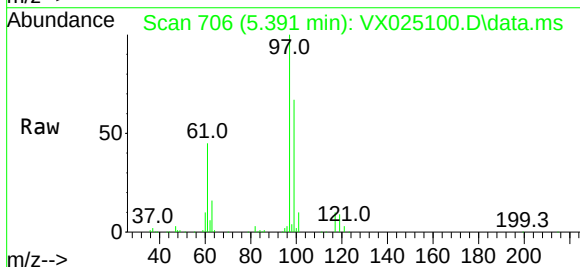
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

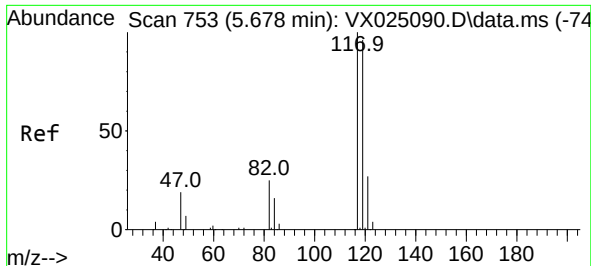
Tgt Ion: 56 Resp: 123863  
Ion Ratio Lower Upper  
56 100  
69 17.7 30.8 46.2#  
84 81.9 86.8 130.2#



#30  
1,1,1-Trichloroethane  
Concen: 36.171 ug/L  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 97 Resp: 153441  
Ion Ratio Lower Upper  
97 100  
99 62.8 53.1 79.7  
61 44.0 26.3 39.5#

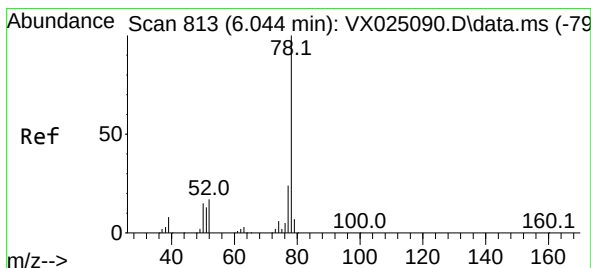
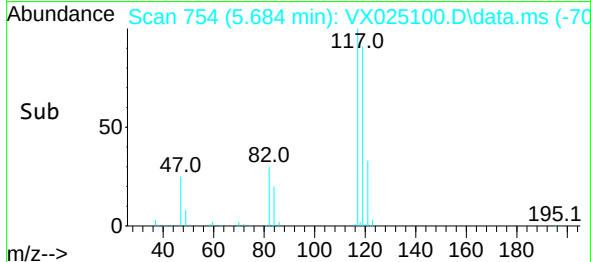
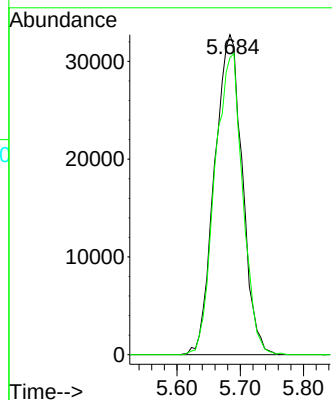
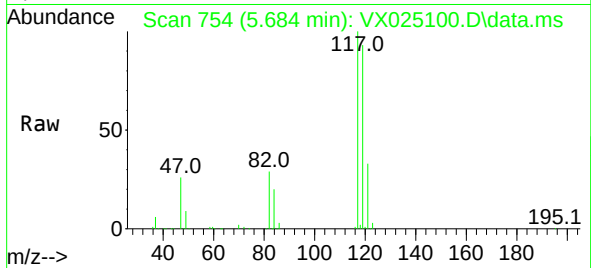




#31  
Carbon tetrachloride  
Concen: 29.290 ug/L  
RT: 5.684 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

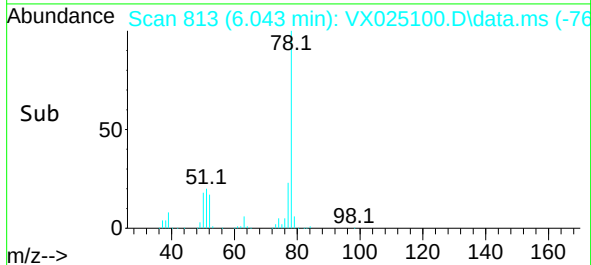
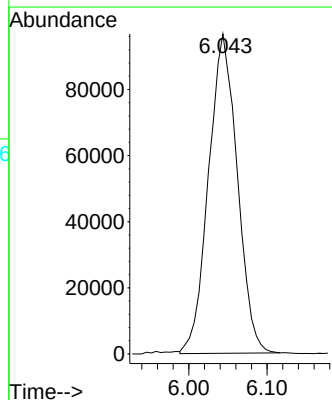
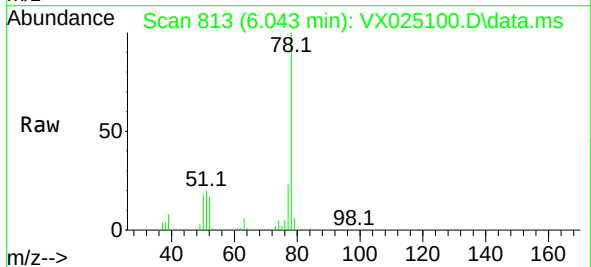
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

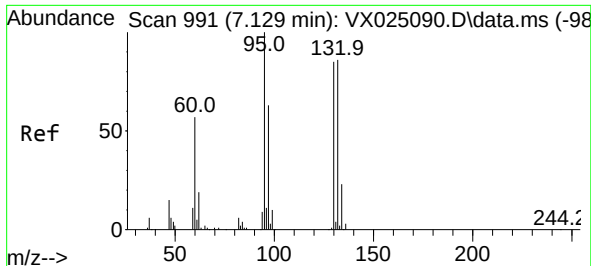
Tgt Ion:117 Resp: 99652  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.0 114.0



#33  
Benzene  
Concen: 27.956 ug/L  
RT: 6.043 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 78 Resp: 246330





#34

Trichloroethene

Concen: 76.664 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

GB7K1MEMSD

Tgt Ion: 95 Resp: 172067

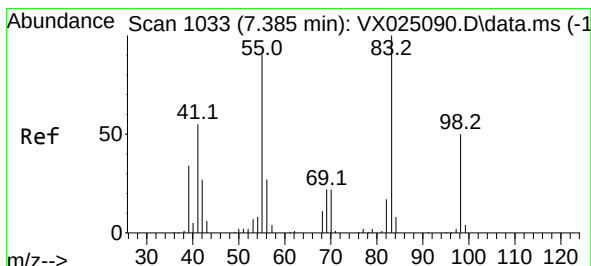
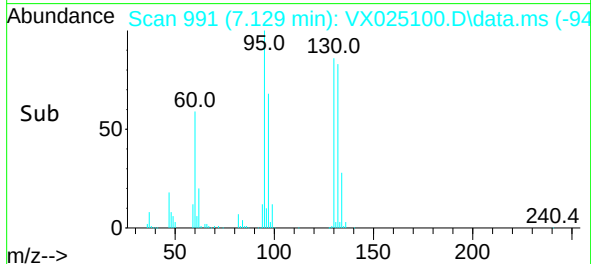
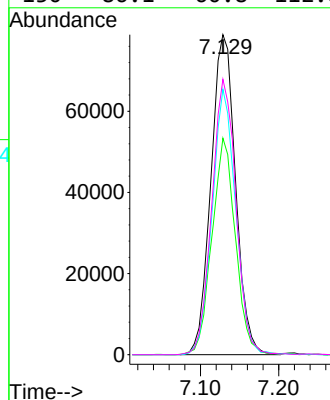
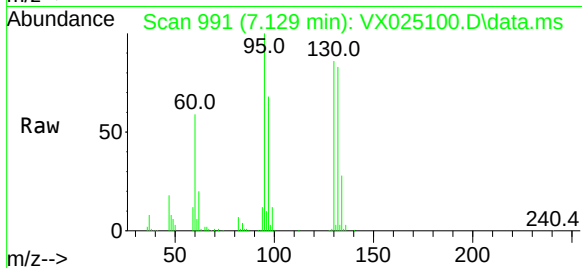
Ion Ratio Lower Upper

95 100

97 67.6 44.2 82.2

132 83.0 60.1 111.5

130 86.1 60.8 112.8



#35

Methylcyclohexane

Concen: 32.406 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

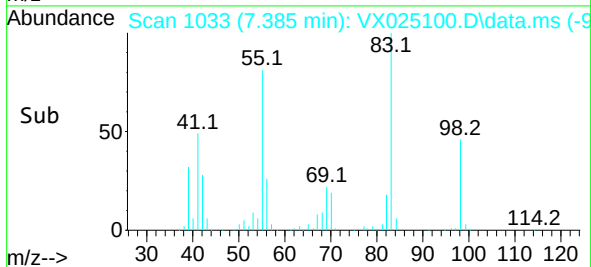
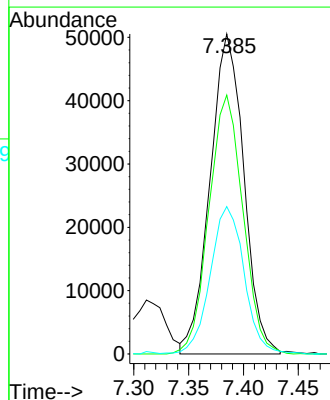
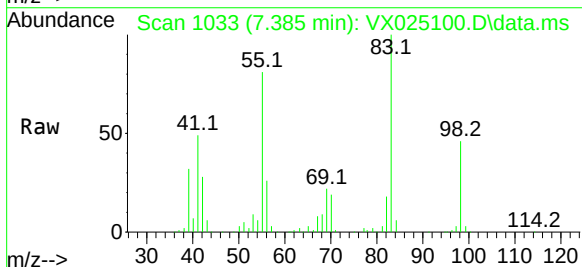
Tgt Ion: 83 Resp: 108184

Ion Ratio Lower Upper

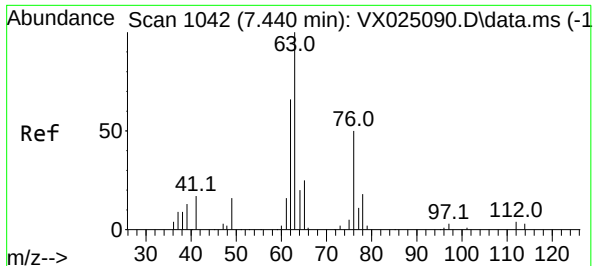
83 100

55 81.5 52.6 79.0#

98 46.4 37.9 56.9







#37

1,2-Dichloropropane

Concen: 36.551 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

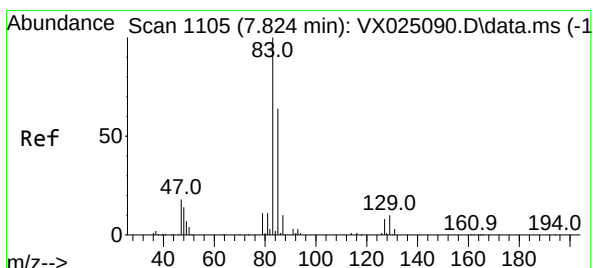
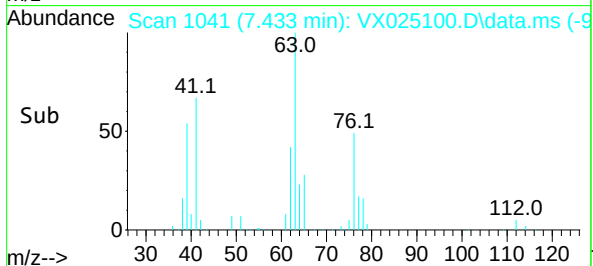
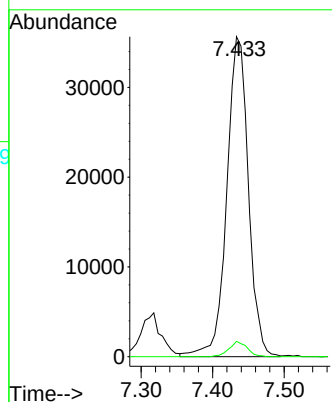
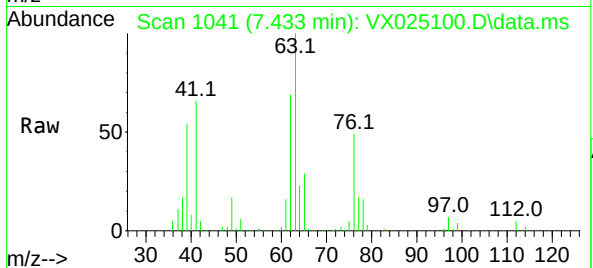
GB7K1MEMSD

Tgt Ion: 63 Resp: 74790

Ion Ratio Lower Upper

63 100

112 4.0 4.0 6.0



#38

Bromodichloromethane

Concen: 42.562 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

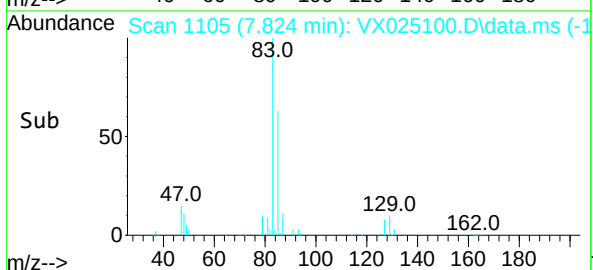
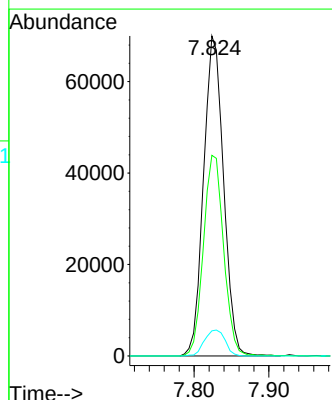
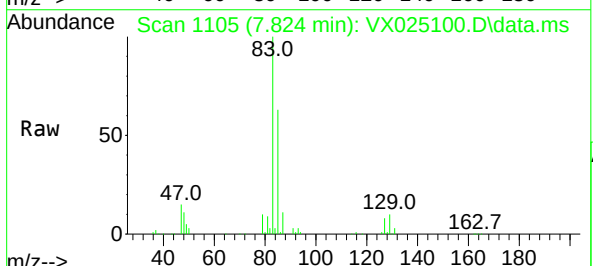
Tgt Ion: 83 Resp: 130280

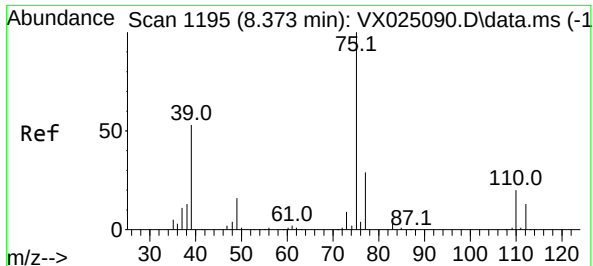
Ion Ratio Lower Upper

83 100

85 62.7 46.8 87.0

127 7.8 8.2 12.2#





#39

cis-1,3-Dichloropropene

Concen: 43.906 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

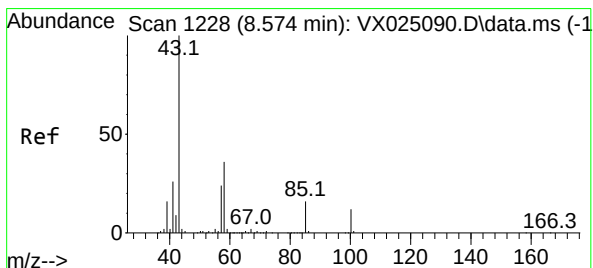
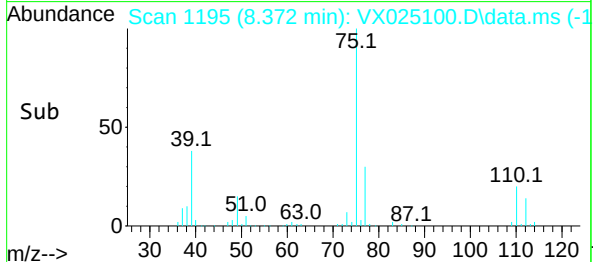
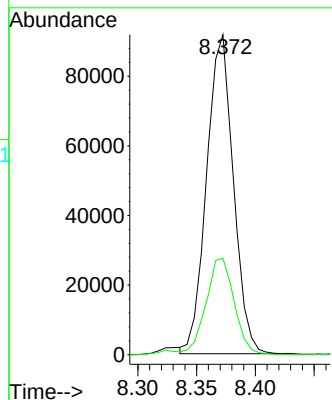
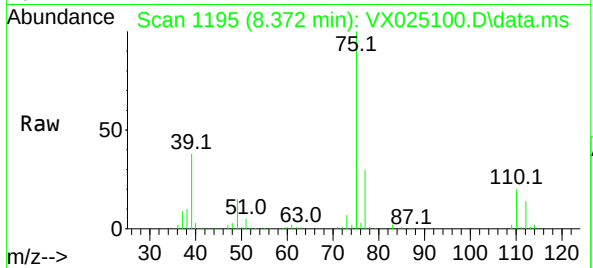
GB7K1MEMSD

Tgt Ion: 75 Resp: 145003

Ion Ratio Lower Upper

75 100

77 30.1 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 77.857 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

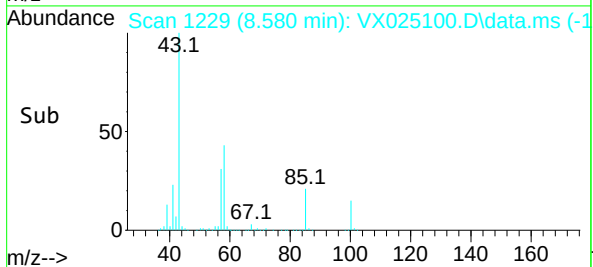
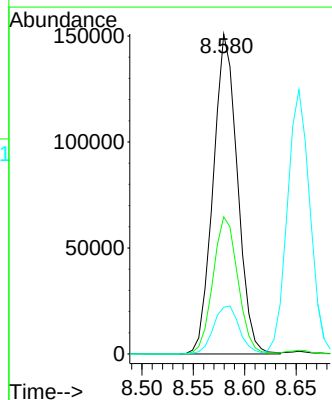
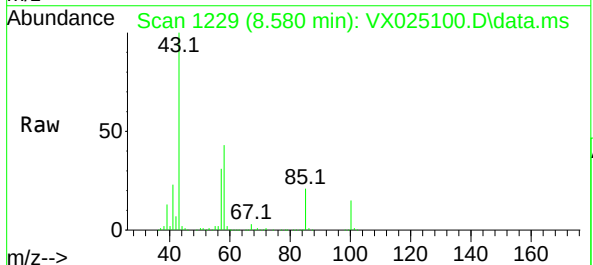
Tgt Ion: 43 Resp: 248235

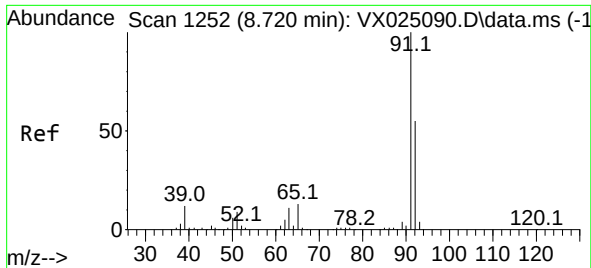
Ion Ratio Lower Upper

43 100

58 43.9 41.3 61.9

100 15.9 19.6 29.4#





#42

Toluene

Concen: 143.166 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

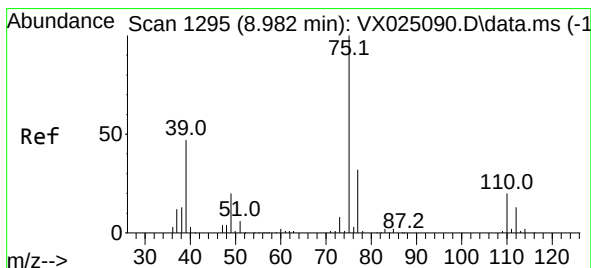
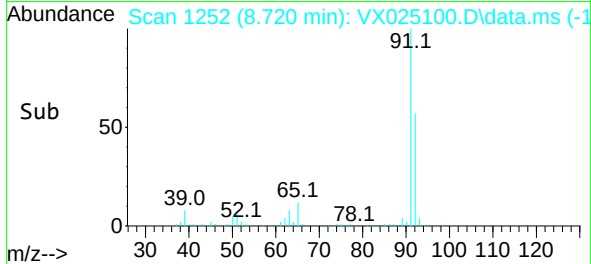
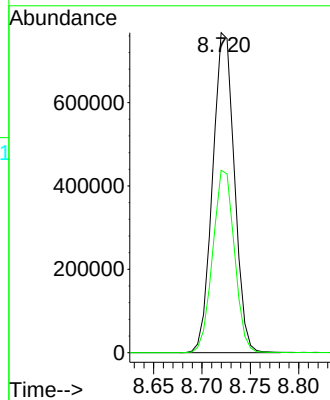
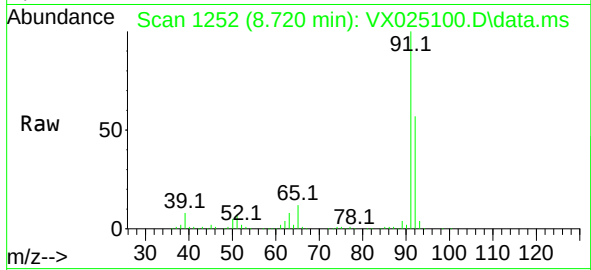
GB7K1MEMSD

Tgt Ion: 91 Resp: 1200926

Ion Ratio Lower Upper

91 100

92 57.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 45.560 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX025100.D

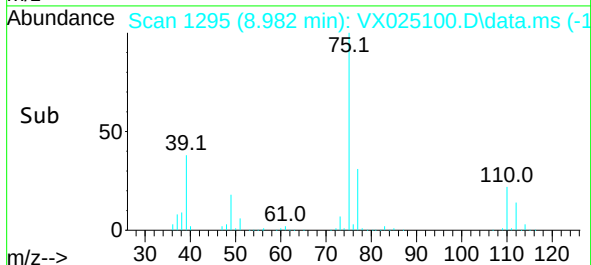
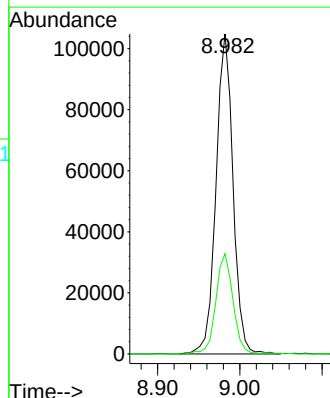
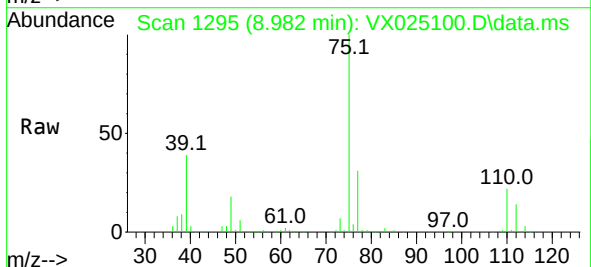
Acq: 08 Nov 2021 17:08

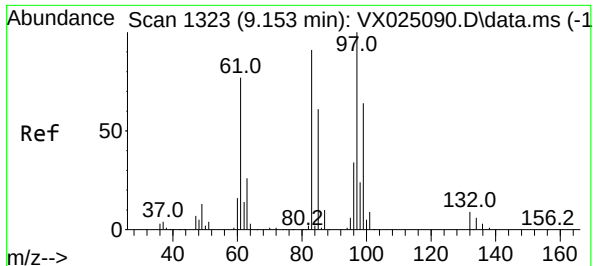
Tgt Ion: 75 Resp: 150863

Ion Ratio Lower Upper

75 100

77 31.4 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 45.612 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

GB7K1MEMSD

Tgt Ion: 97 Resp: 86082

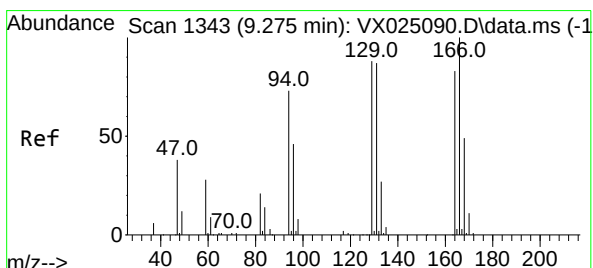
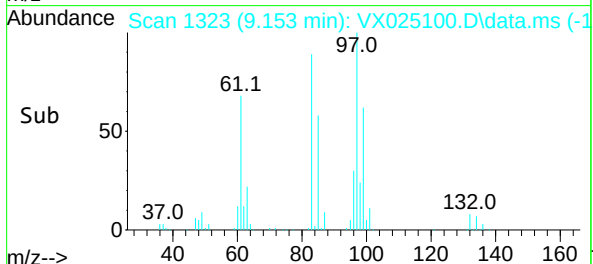
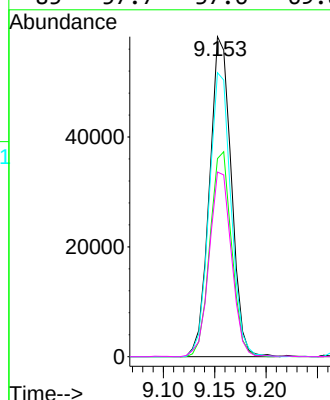
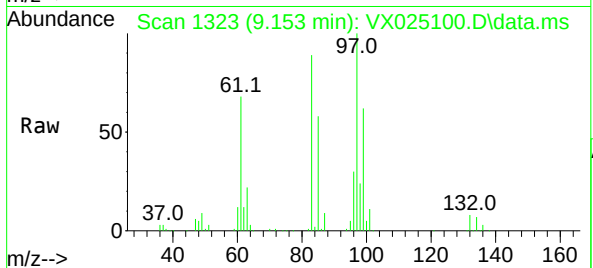
Ion Ratio Lower Upper

97 100

99 61.9 43.5 80.7

83 88.7 58.2 108.0

85 57.7 37.6 69.8



#46

Tetrachloroethene

Concen: 49.305 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Tgt Ion:164 Resp: 61278

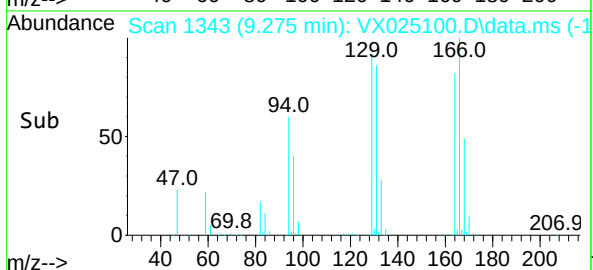
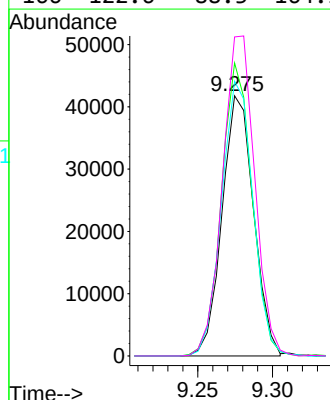
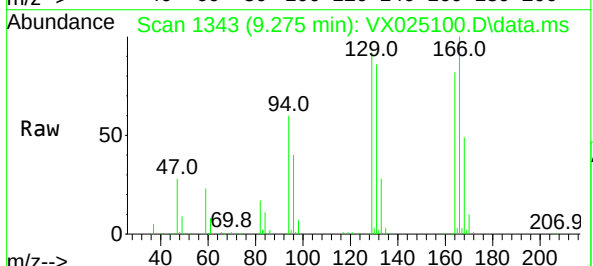
Ion Ratio Lower Upper

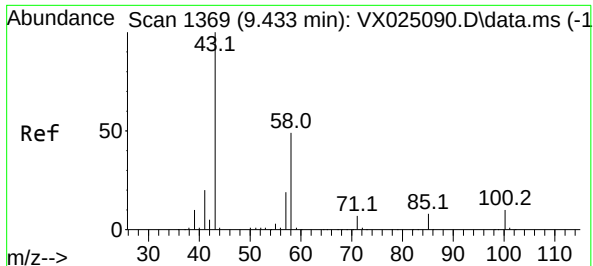
164 100

129 112.6 78.5 145.7

131 105.6 70.5 130.9

166 122.6 88.3 164.1

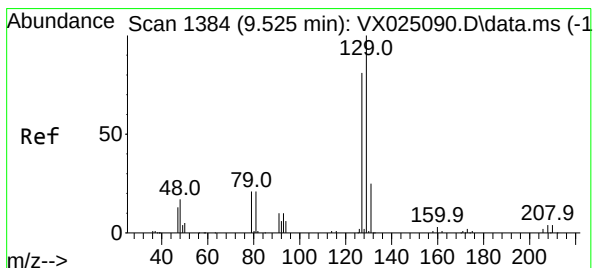
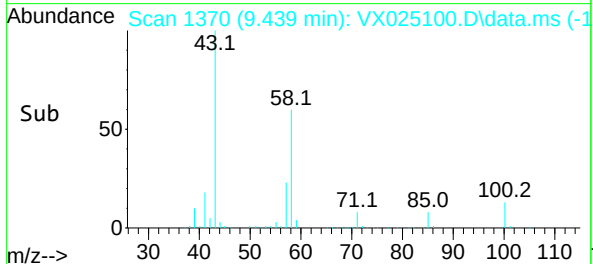
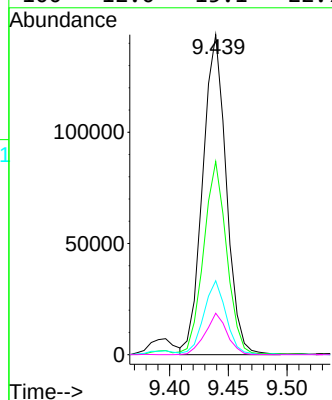
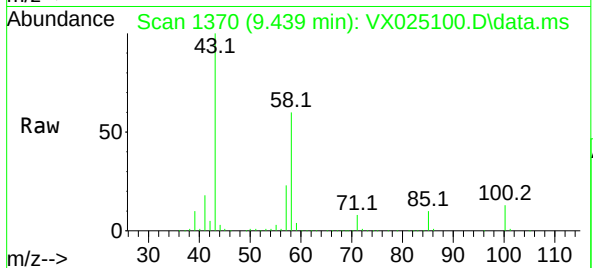




#48  
2-Hexanone  
Concen: 76.433 ug/L  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

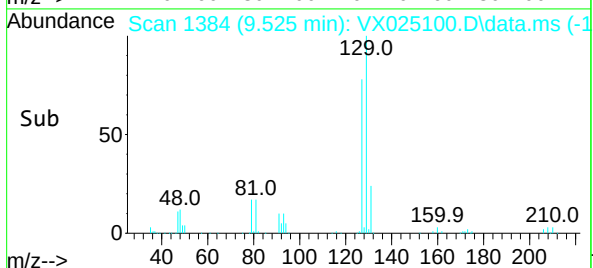
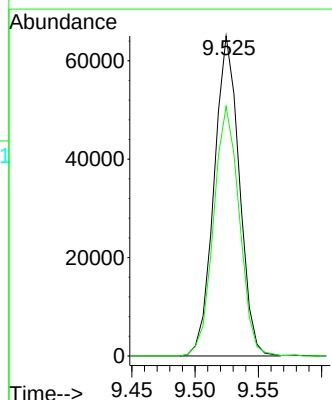
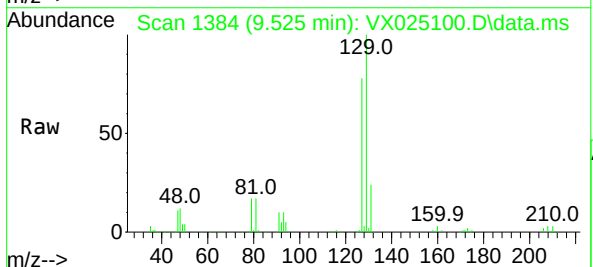
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

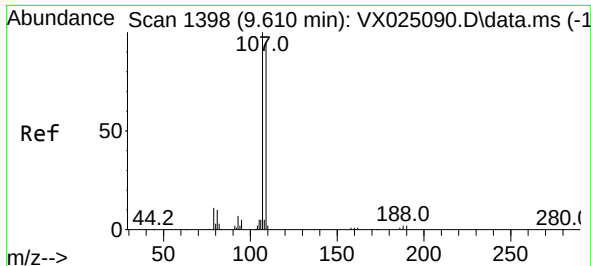
Tgt Ion: 43 Resp: 200543  
Ion Ratio Lower Upper  
43 100  
58 59.5 56.0 84.0  
57 22.0 20.4 30.6  
100 12.0 15.1 22.7#



#49  
Dibromochloromethane  
Concen: 44.859 ug/L  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 129 Resp: 89824  
Ion Ratio Lower Upper  
129 100  
127 78.0 54.1 100.5

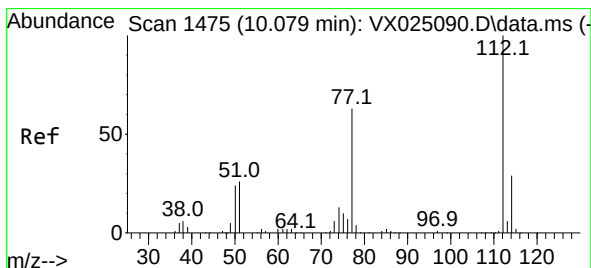
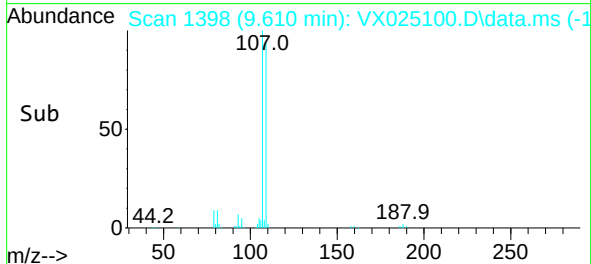
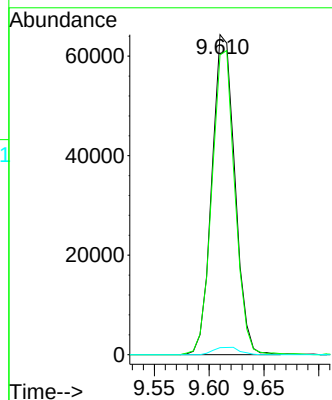
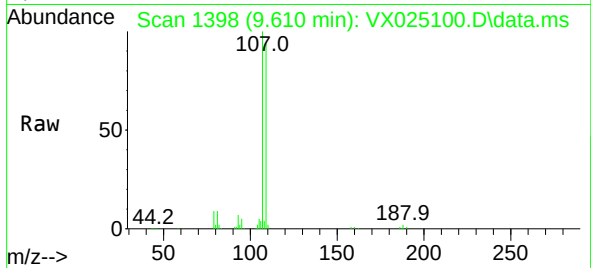




#50  
1,2-Dibromoethane  
Concen: 46.541 ug/L  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

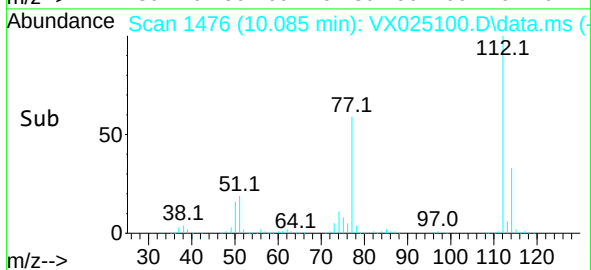
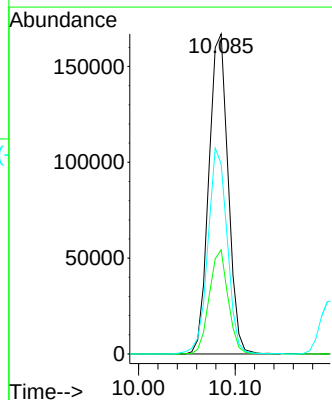
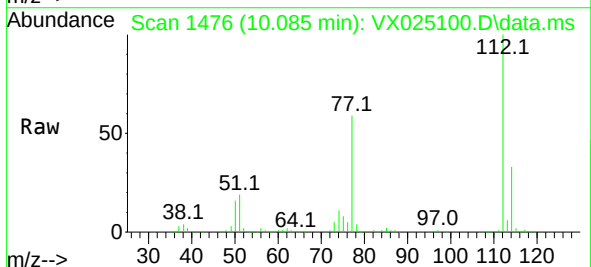
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

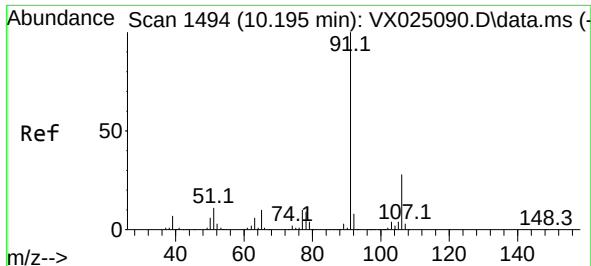
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 93763 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 93.7  | 63.8  | 118.6 |
| 188      | 2.2   | 2.2   | 3.2   |



#51  
Chlorobenzene  
Concen: 47.174 ug/L  
RT: 10.085 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 231784 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.5  | 22.7  | 42.3   |
| 77       | 59.4  | 46.8  | 70.2   |





#52

Ethylbenzene

Concen: 47.035 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

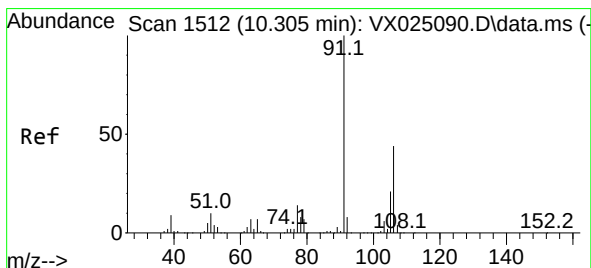
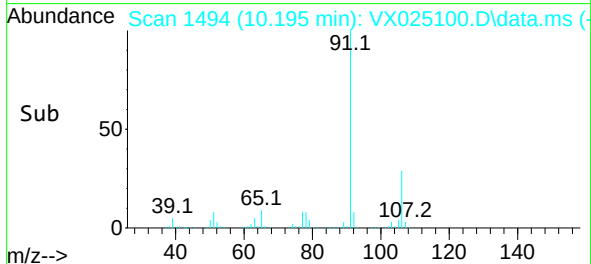
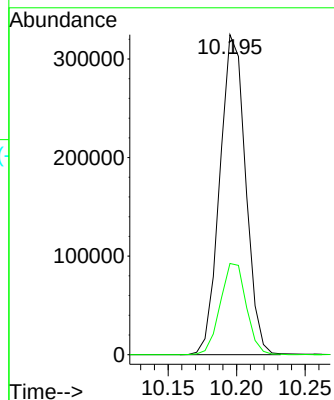
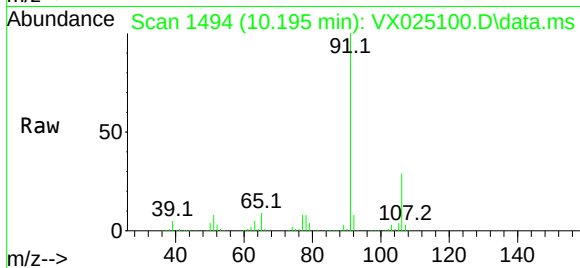
GB7K1MEMSD

Tgt Ion: 91 Resp: 424186

Ion Ratio Lower Upper

91 100

106 28.5 20.2 37.6



#53

m,p-Xylene

Concen: 47.085 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025100.D

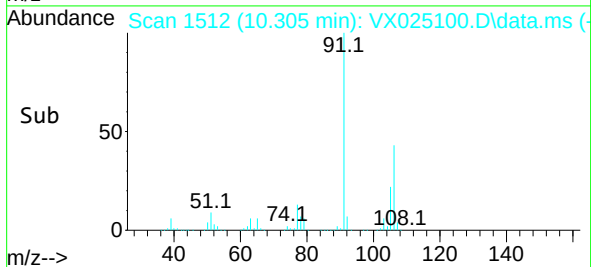
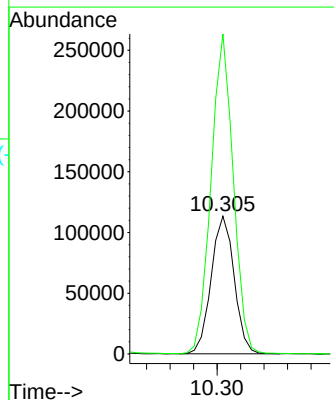
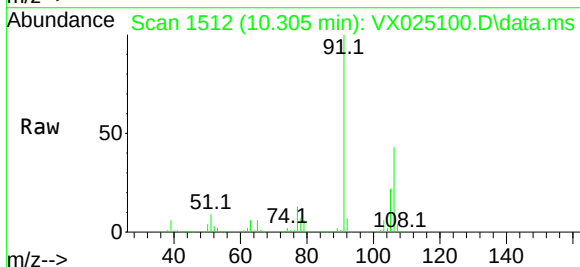
Acq: 08 Nov 2021 17:08

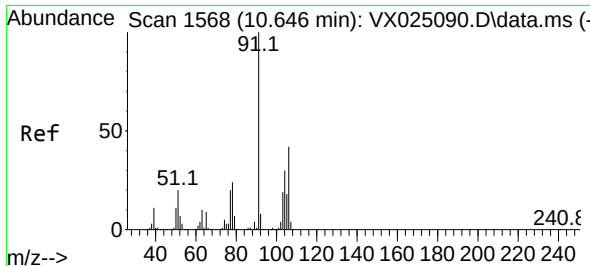
Tgt Ion:106 Resp: 154459

Ion Ratio Lower Upper

106 100

91 232.3 160.2 297.6

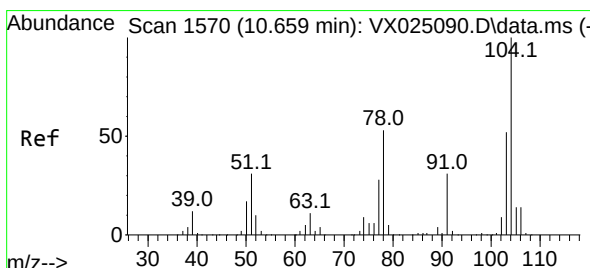
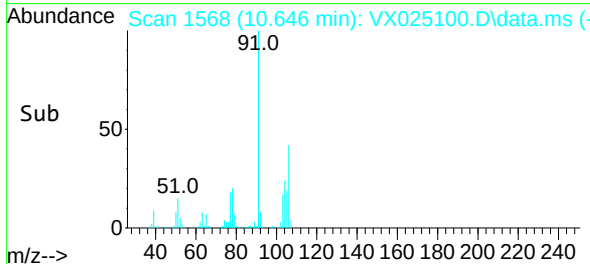
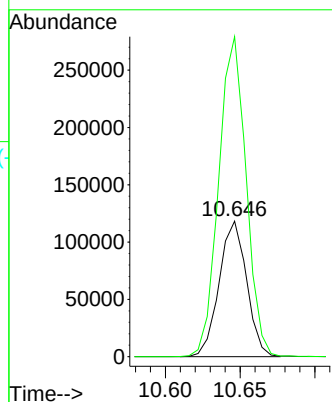
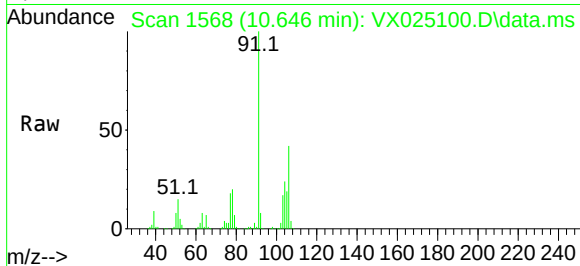




#54  
o-Xylene  
Concen: 48.761 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

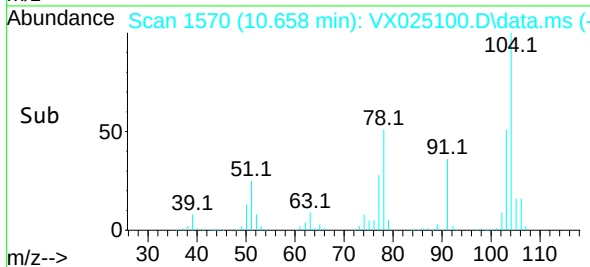
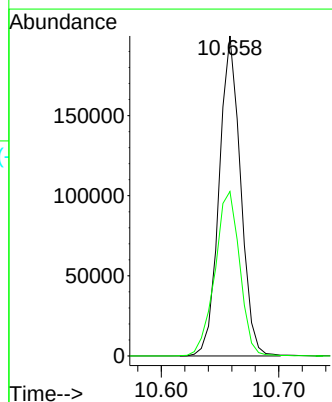
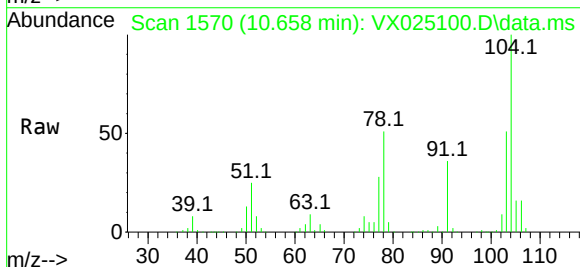
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

Tgt Ion:106 Resp: 151368  
Ion Ratio Lower Upper  
106 100  
91 236.1 164.4 305.4

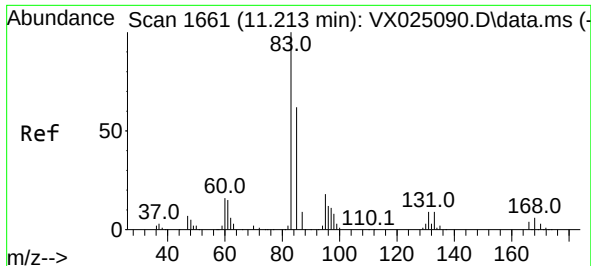


#55  
Styrene  
Concen: 46.825 ug/L  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion:104 Resp: 253060  
Ion Ratio Lower Upper  
104 100  
78 51.4 38.2 71.0



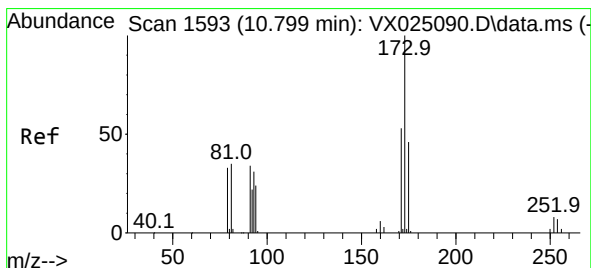
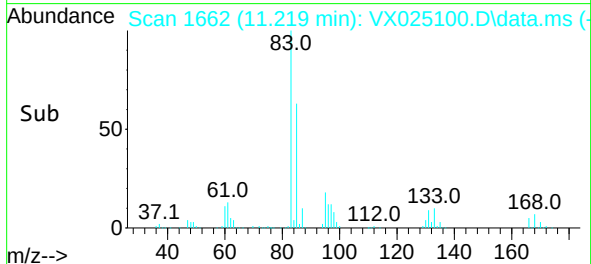
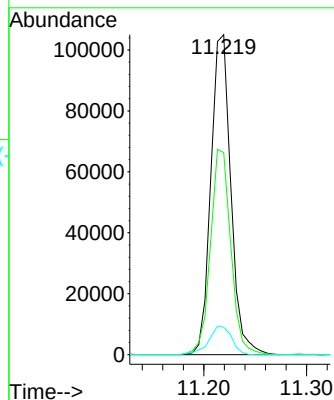
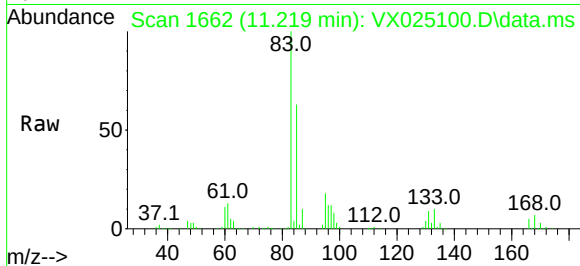




#57  
1,1,2,2-Tetrachloroethane  
Concen: 41.989 ug/L  
RT: 11.219 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

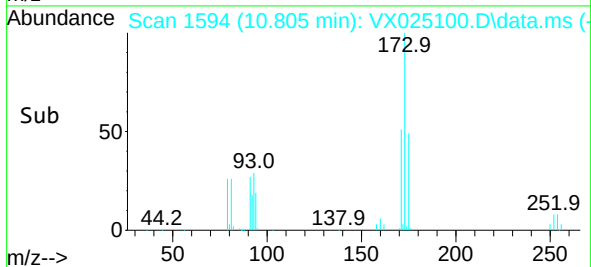
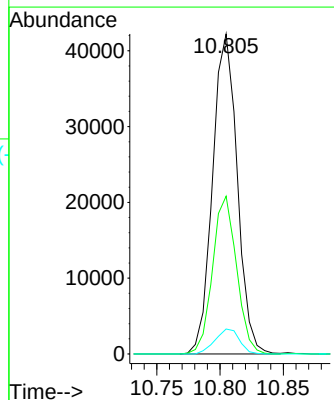
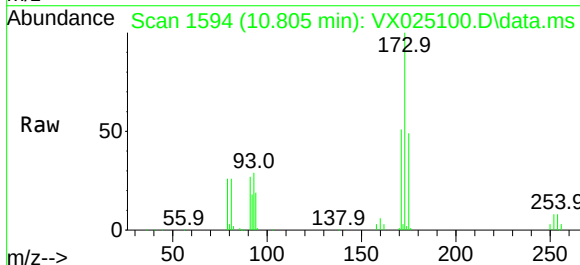
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

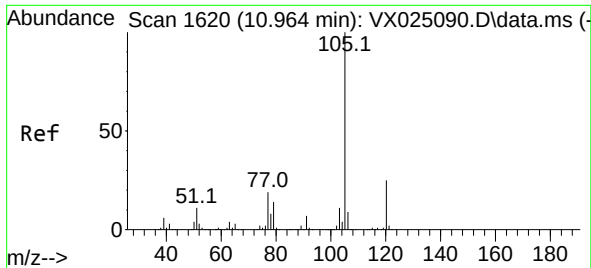
Tgt Ion: 83 Resp: 141742  
Ion Ratio Lower Upper  
83 100  
85 63.1 46.9 87.1  
131 8.6 8.7 13.1#



#59  
Bromoform  
Concen: 54.365 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 173 Resp: 57205  
Ion Ratio Lower Upper  
173 100  
175 47.9 36.6 55.0  
254 7.7 4.9 7.3#

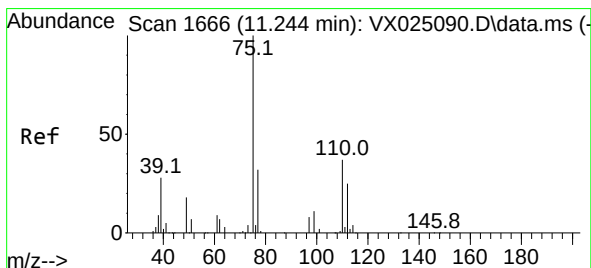
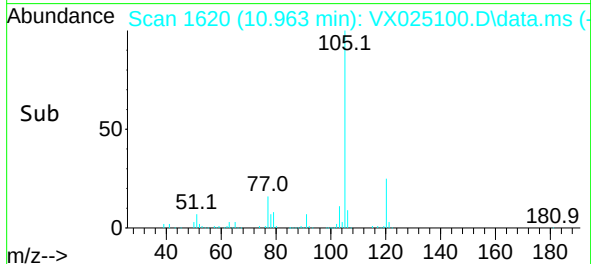
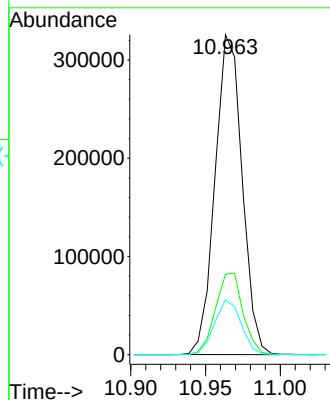
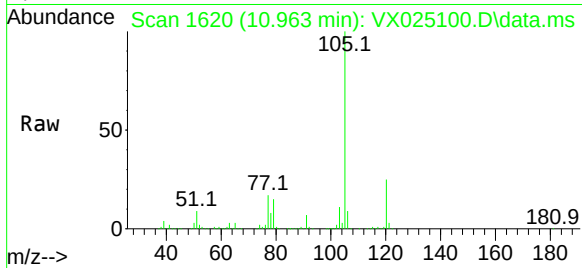




#60  
Isopropylbenzene  
Concen: 54.951 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

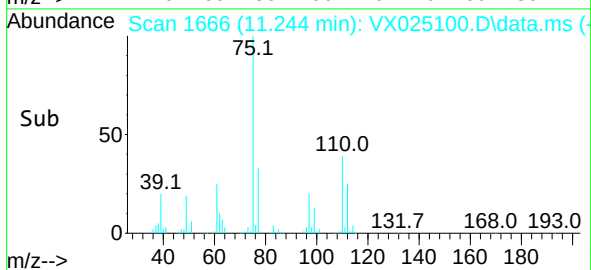
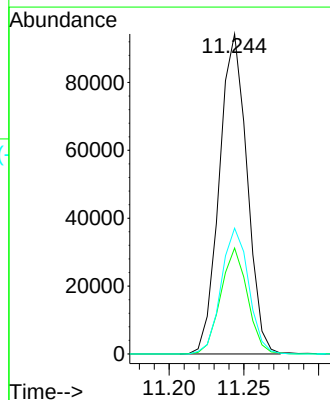
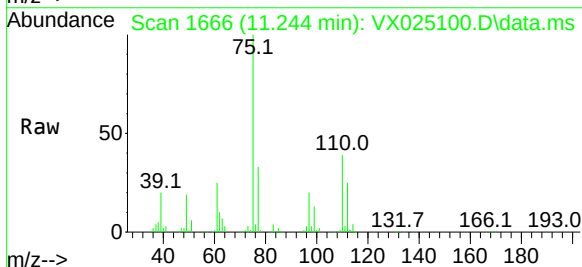
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

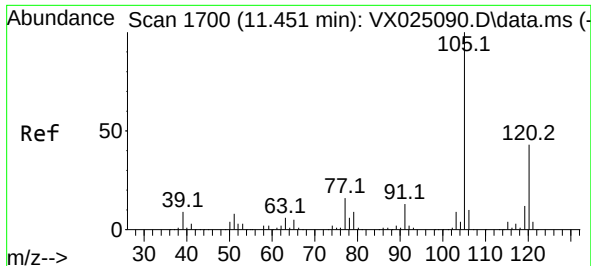
Tgt Ion:105 Resp: 410110  
Ion Ratio Lower Upper  
105 100  
120 26.0 19.8 29.6  
77 16.9 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 55.983 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion: 75 Resp: 121550  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.6 39.8  
110 38.9 37.2 55.8





#62

1,3,5-Trimethylbenzene

Concen: 45.447 ug/L

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

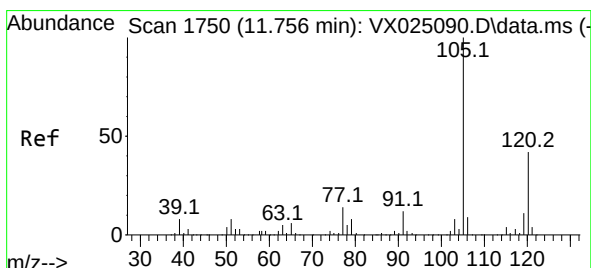
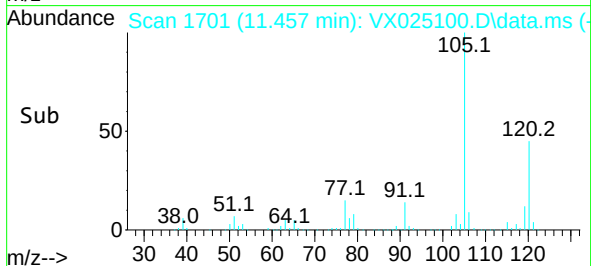
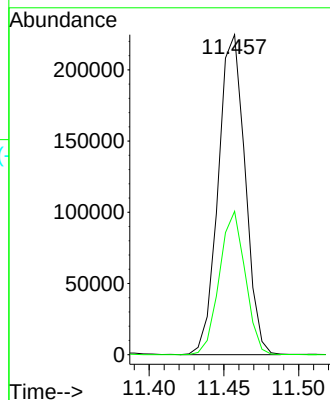
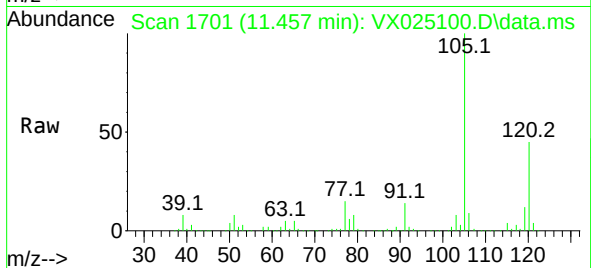
GB7K1MEMSD

Tgt Ion:105 Resp: 280915

Ion Ratio Lower Upper

105 100

120 42.9 34.4 51.6



#63

1,2,4-Trimethylbenzene

Concen: 42.399 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025100.D

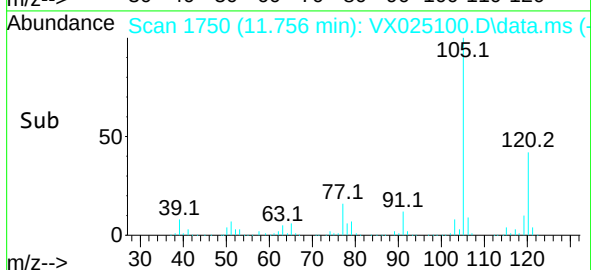
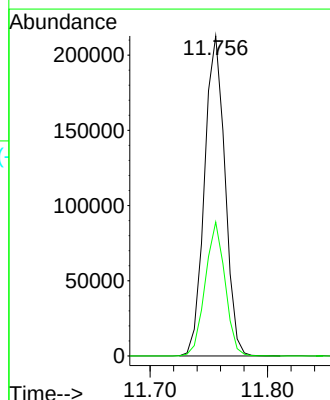
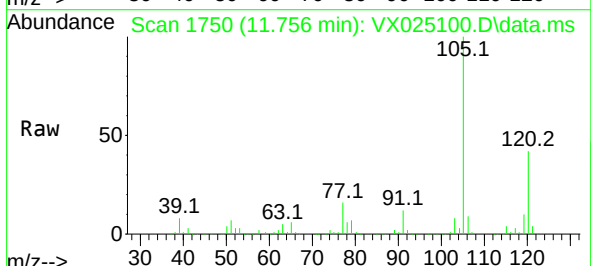
Acq: 08 Nov 2021 17:08

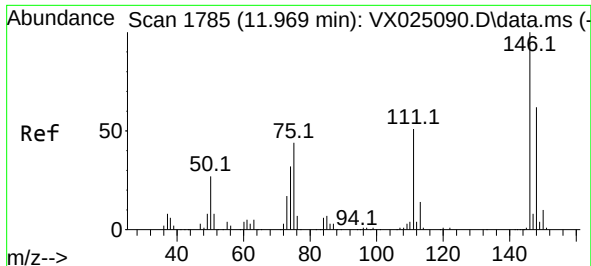
Tgt Ion:105 Resp: 257020

Ion Ratio Lower Upper

105 100

120 40.6 31.0 46.6

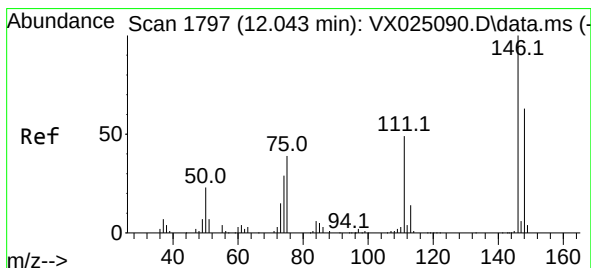
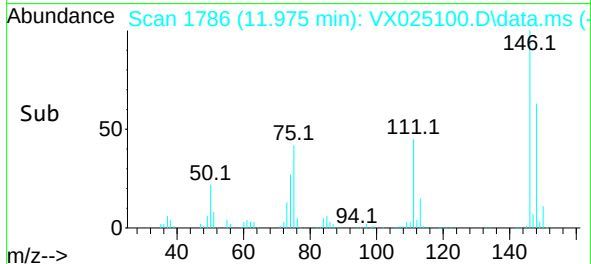
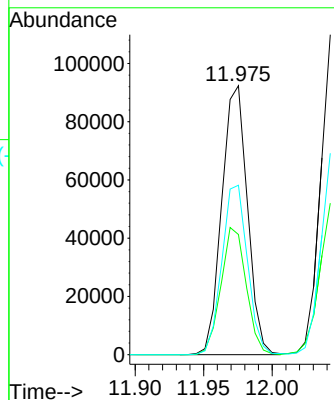
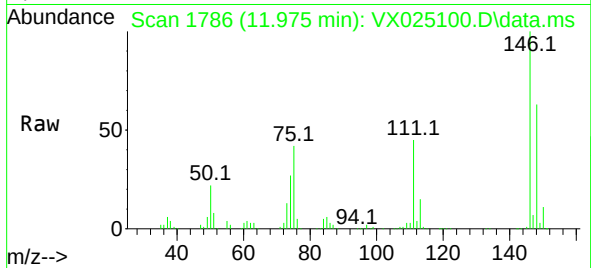




#64  
1,3-Dichlorobenzene  
Concen: 44.509 ug/L  
RT: 11.975 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

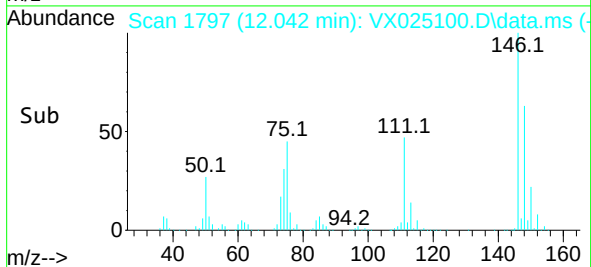
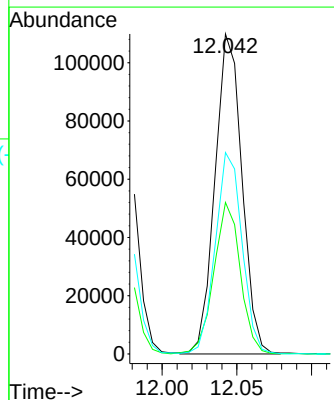
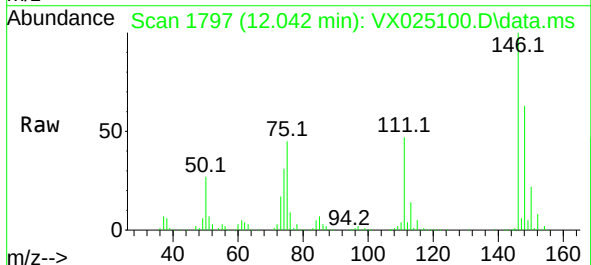
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

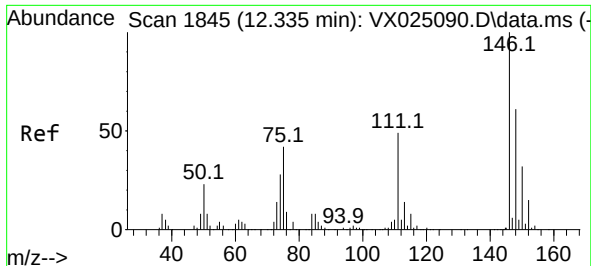
Tgt Ion:146 Resp: 120274  
Ion Ratio Lower Upper  
146 100  
111 44.7 31.1 57.9  
148 63.0 43.2 80.2



#65  
1,4-Dichlorobenzene  
Concen: 50.160 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion:146 Resp: 137803  
Ion Ratio Lower Upper  
146 100  
111 47.4 31.8 59.0  
148 63.0 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 48.385 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

Instrument :

MSVOA\_X

ClientSampleId :

GB7K1MEMSD

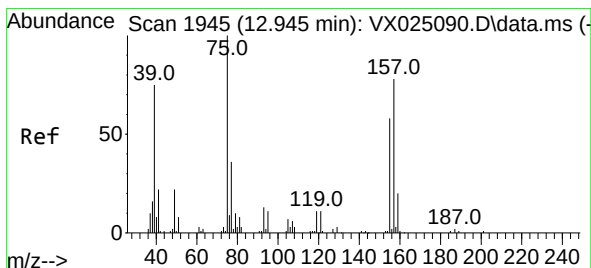
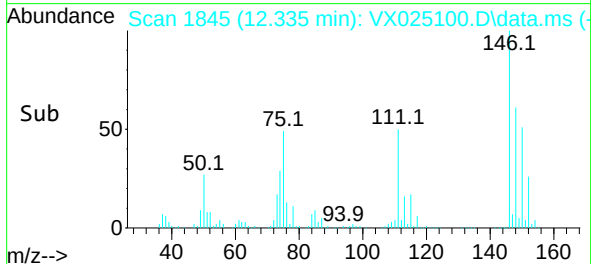
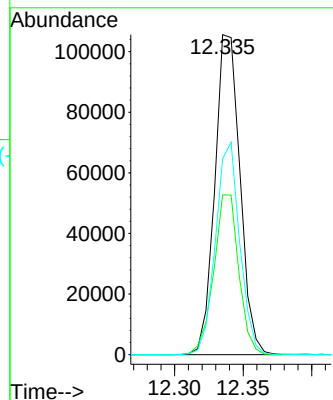
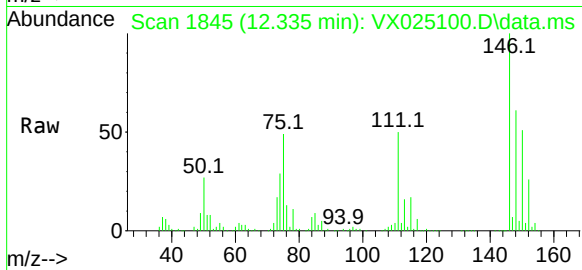
Tgt Ion:146 Resp: 134926

Ion Ratio Lower Upper

146 100

111 50.0 38.5 57.7

148 61.3 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 37.385 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025100.D

Acq: 08 Nov 2021 17:08

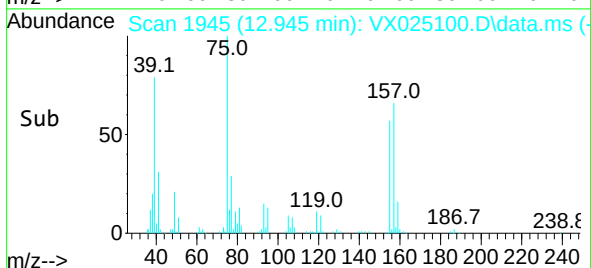
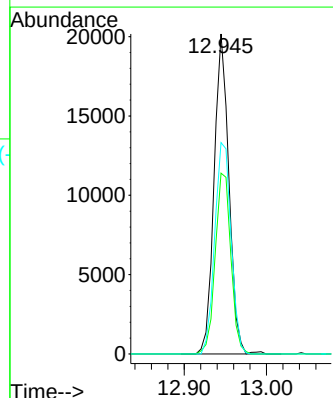
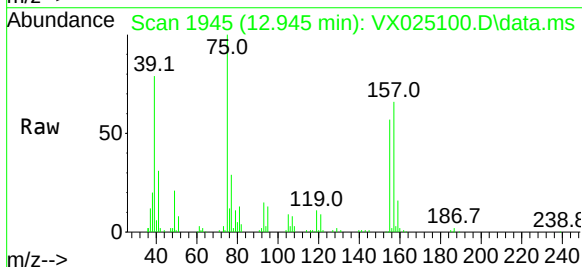
Tgt Ion: 75 Resp: 25207

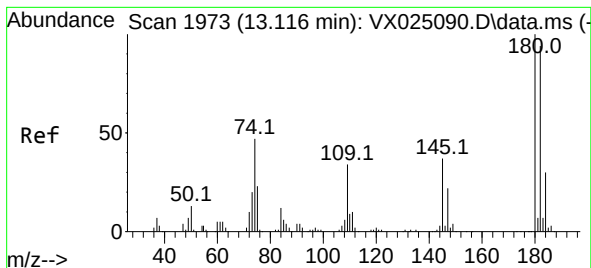
Ion Ratio Lower Upper

75 100

155 56.5 59.3 88.9#

157 66.0 68.7 103.1#

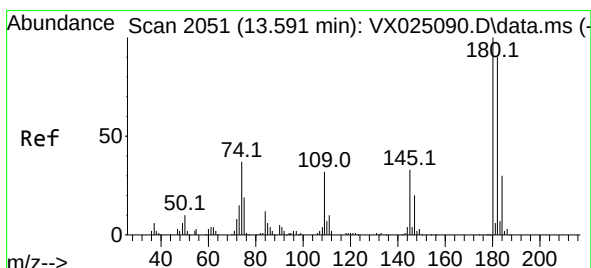
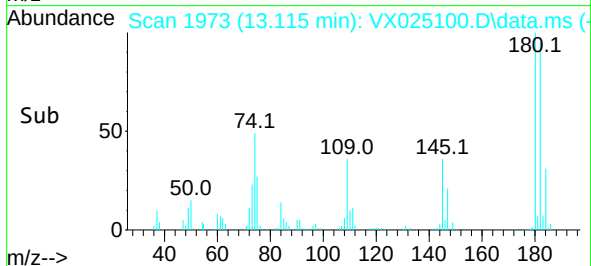
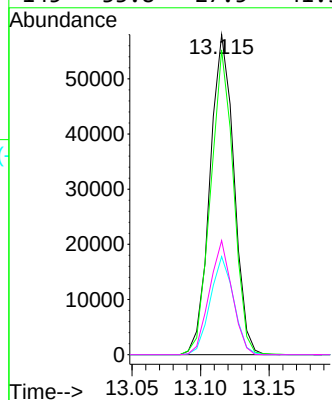
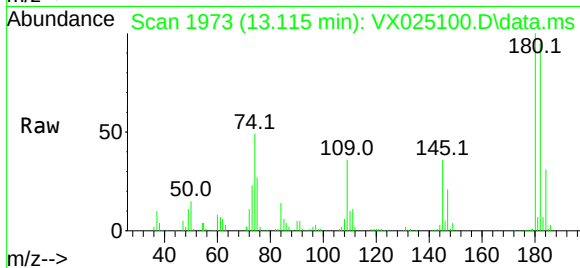




#69  
1,3,5-Trichlorobenzene  
Concen: 36.291 ug/L  
RT: 13.115 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

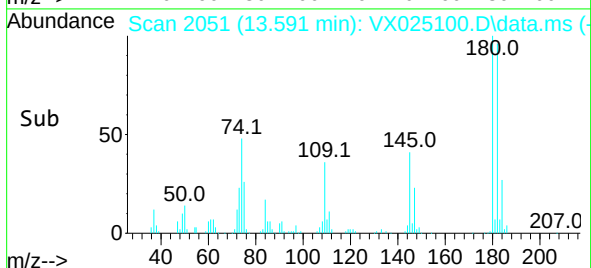
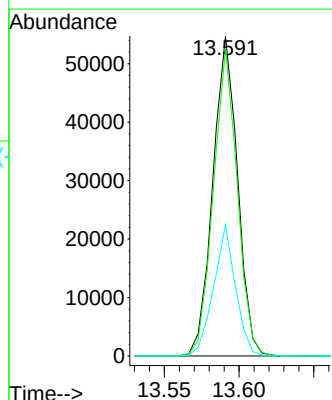
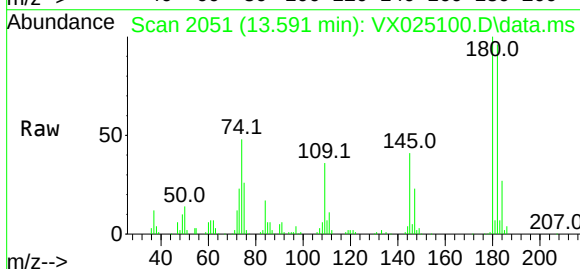
Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

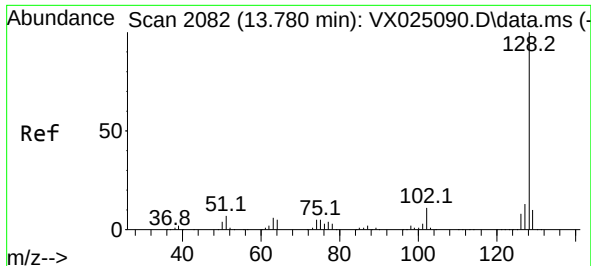
Tgt Ion:180 Resp: 70312  
Ion Ratio Lower Upper  
180 100  
182 90.5 74.2 111.4  
184 29.9 23.7 35.5  
145 33.8 27.5 41.3



#70  
1,2,4-trichlorobenzene  
Concen: 37.824 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion:180 Resp: 62762  
Ion Ratio Lower Upper  
180 100  
182 92.8 76.4 114.6  
145 36.6 28.8 43.2

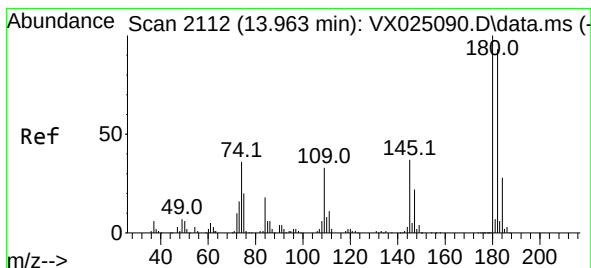
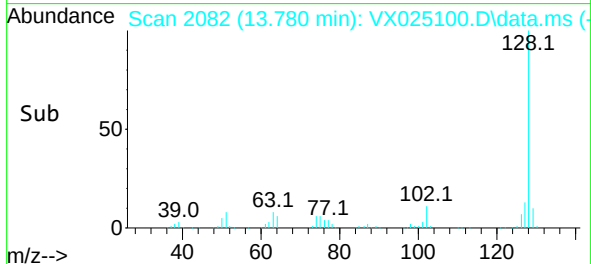
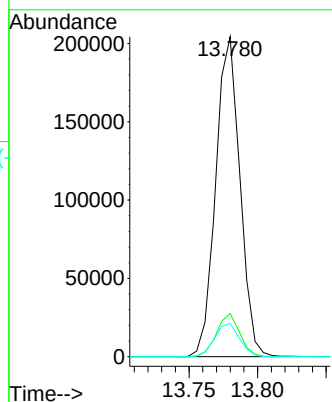
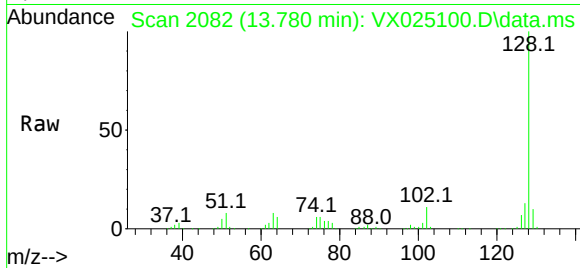




#71  
Naphthalene  
Concen: 42.001 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K1MEMSD

Tgt Ion:128 Resp: 250767  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 15.8  
129 10.7 9.1 13.7



#72  
1,2,3-Trichlorobenzene  
Concen: 40.918 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX025100.D  
Acq: 08 Nov 2021 17:08

Tgt Ion:180 Resp: 66609  
Ion Ratio Lower Upper  
180 100  
182 91.5 73.3 109.9  
145 37.3 29.0 43.4

