

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100721\  
 Data File : VX024648.D  
 Acq On : 07 Oct 2021 16:13  
 Operator : JC/MD  
 Sample : M4001-04MS 10X  
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW918MEMS

Quant Time: Oct 07 23:08:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML100721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 23:05:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 216948   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 198311   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 104352   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 57189    | 42.575   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.160%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 44535    | 50.366   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 100.740% |
| 11) 1,1-Dichloroethene-d2     | 2.300   | 63    | 129030   | 48.924   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 97.840%  |
| 21) 2-Butanone-d5             | 4.471   | 46    | 117619   | 106.508  | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 106.510% |
| 24) Chloroform-d              | 5.068   | 84    | 139383   | 51.235   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.480% |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 98527    | 51.209   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.420% |
| 32) Benzene-d6                | 5.983   | 84    | 261956   | 46.892   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.780%  |
| 36) 1,2-Dichloropropane-d6    | 7.318   | 67    | 83209    | 47.623   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.240%  |
| 41) Toluene-d8                | 8.653   | 98    | 232527   | 42.723   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.440%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 39679    | 45.832   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.660%  |
| 47) 2-Hexanone-d5             | 9.391   | 63    | 79843    | 97.337   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 97.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 122165   | 50.767   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.540% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 97585    | 47.795   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.580%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 93674    | 48.843   | ug/L   | 99       |
| 3) Chloromethane              | 1.294   | 50    | 75025    | 47.913   | ug/L   | 100      |
| 5) Vinyl chloride             | 1.374   | 62    | 77716    | 49.194   | ug/L   | 99       |
| 6) Bromomethane               | 1.599   | 94    | 46170    | 52.962   | ug/L   | 99       |
| 8) Chloroethane               | 1.672   | 64    | 45318    | 54.949   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.880   | 101   | 123564   | 55.494   | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.325   | 101   | 74965    | 54.096   | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 66969    | 53.744   | ug/L   | 90       |
| 13) Acetone                   | 2.392   | 43    | 97299    | 89.135   | ug/L   | 91       |
| 14) Carbon disulfide          | 2.508   | 76    | 174025   | 48.373   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.709   | 43    | 90179    | 51.851   | ug/L   | 93       |
| 16) Methylene chloride        | 2.788   | 84    | 77756    | 51.863   | ug/L   | 87       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 71877    | 50.877   | ug/L   | 92       |
| 18) Methyl tert-butyl Ether   | 3.123   | 73    | 245402   | 52.812   | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 136767   | 51.812   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 81354    | 51.021   | ug/L   | 96       |
| 22) 2-Butanone                | 4.574   | 43    | 136685   | 94.590   | ug/L   | 92       |
| 23) Bromochloromethane        | 4.910   | 128   | 43011    | 51.616   | ug/L   | 96       |
| 25) Chloroform                | 5.105   | 83    | 151416   | 50.731   | ug/L   | 97       |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Oct 07 23:08:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML100721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 23:05:28 2021  
 Response via : Initial Calibration

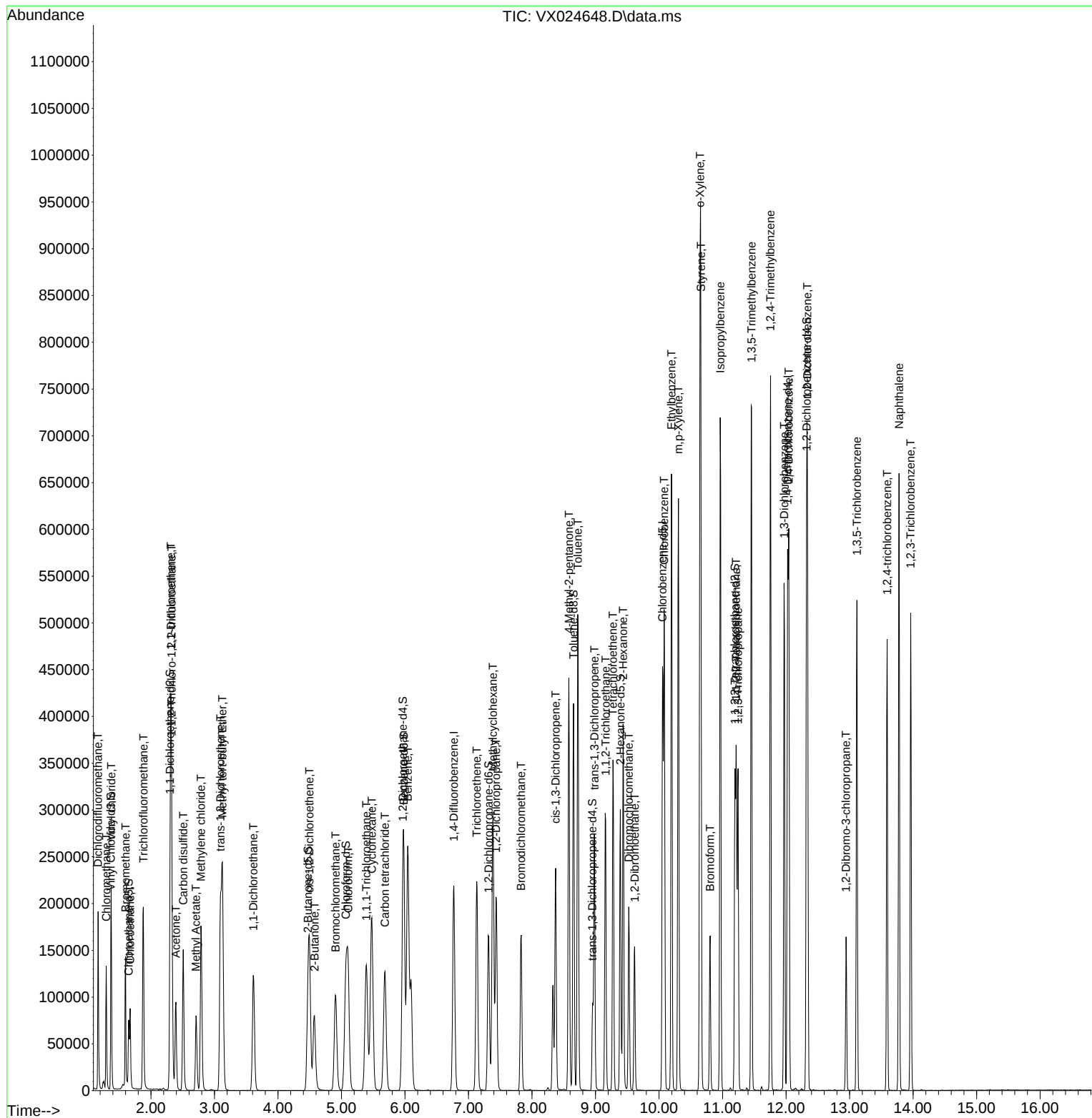
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 29) Cyclohexane               | 5.477  | 56   | 124225   | 50.469  | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 134487   | 51.715  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 5.684  | 117  | 117346   | 51.433  | ug/L   | 99       |
| 33) Benzene                   | 6.044  | 78   | 309608   | 50.524  | ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 84660    | 50.193  | ug/L   | 98       |
| 35) Methylcyclohexane         | 7.385  | 83   | 132051   | 49.246  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 78960    | 48.925  | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.830  | 83   | 104909   | 50.886  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 8.372  | 75   | 119603   | 49.426  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 251683   | 102.486 | ug/L   | 91       |
| 42) Toluene                   | 8.720  | 91   | 325348   | 47.567  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 120790   | 51.107  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 9.159  | 97   | 78294    | 49.895  | ug/L   | 96       |
| 46) Tetrachloroethene         | 9.275  | 164  | 64474    | 49.038  | ug/L   | 95       |
| 48) 2-Hexanone                | 9.433  | 43   | 200149   | 99.910  | ug/L # | 90       |
| 49) Dibromochloromethane      | 9.525  | 129  | 79886    | 48.955  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 9.616  | 107  | 83502    | 49.273  | ug/L   | 95       |
| 51) Chlorobenzene             | 10.079 | 112  | 209965   | 50.932  | ug/L   | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 361932   | 51.392  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 143440   | 52.133  | ug/L   | 94       |
| 54) o-Xylene                  | 10.646 | 106  | 140137   | 50.992  | ug/L   | 96       |
| 55) Styrene                   | 10.659 | 104  | 242658   | 52.898  | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 127418   | 51.376  | ug/L   | 100      |
| 59) Bromoform                 | 10.805 | 173  | 57919    | 49.055  | ug/L   | 99       |
| 60) Isopropylbenzene          | 10.963 | 105  | 366145   | 50.953  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 107703   | 50.285  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 323832   | 51.308  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 320104   | 51.882  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 168856   | 50.388  | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 170755   | 51.011  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 172546   | 52.148  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 30364    | 52.738  | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 125252   | 52.034  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 108401   | 53.225  | ug/L   | 98       |
| 71) Naphthalene               | 13.780 | 128  | 388011   | 57.072  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 115125   | 54.780  | ug/L   | 99       |

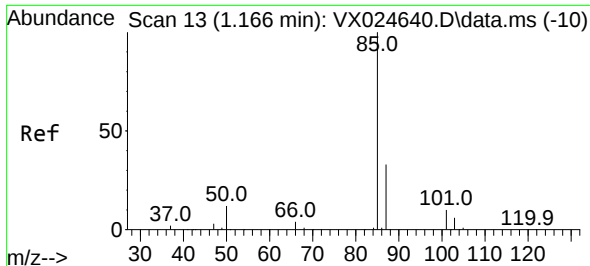
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 17 Sample Multiplier: 1

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 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 23:05:28 2021  
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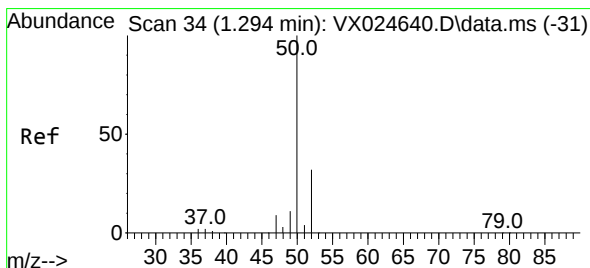
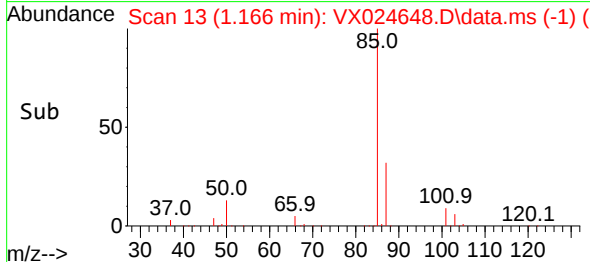
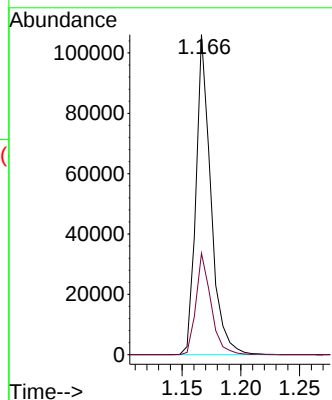
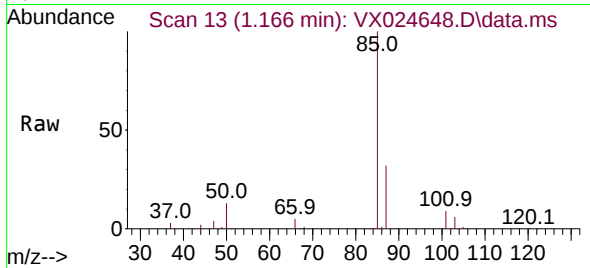




#2  
 Dichlorodifluoromethane  
 Concen: 48.843 ug/L  
 RT: 1.166 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX024648.D  
 Acq: 07 Oct 2021 16:13

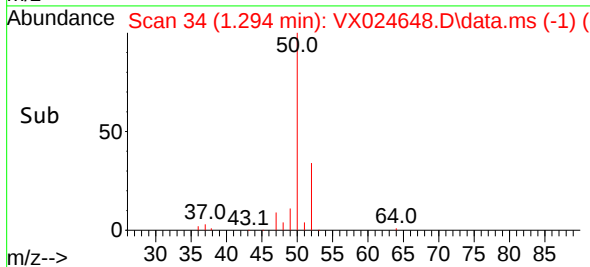
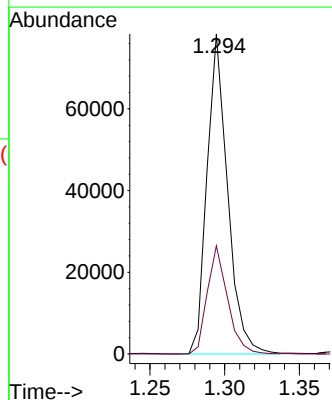
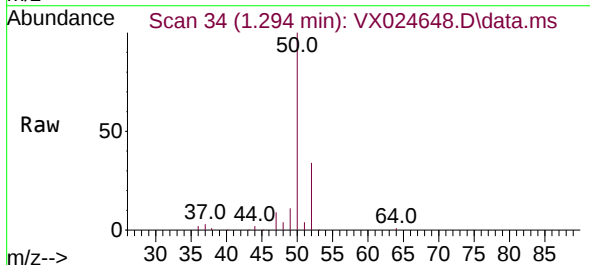
Instrument :  
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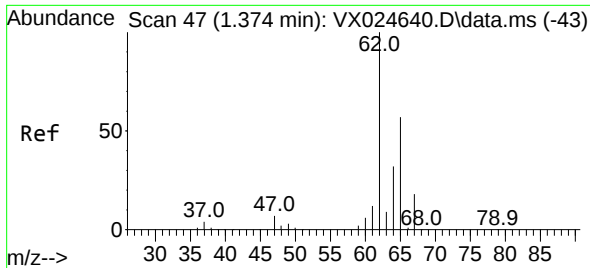
Tgt Ion: 85 Resp: 93674  
 Ion Ratio Lower Upper  
 85 100  
 87 32.0 25.9 38.9



#3  
 Chloromethane  
 Concen: 47.913 ug/L  
 RT: 1.294 min Scan# 34  
 Delta R.T. -0.000 min  
 Lab File: VX024648.D  
 Acq: 07 Oct 2021 16:13

Tgt Ion: 50 Resp: 75025  
 Ion Ratio Lower Upper  
 50 100  
 52 33.8 23.7 43.9

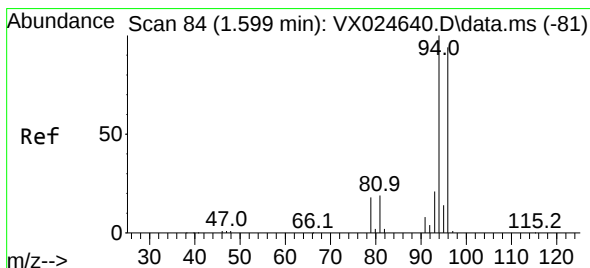
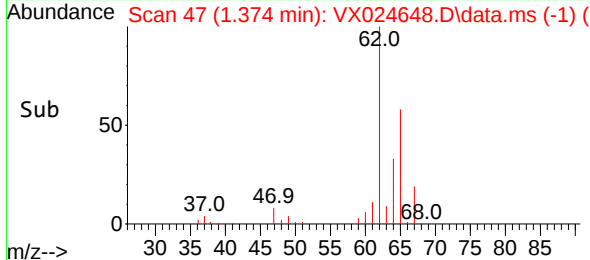
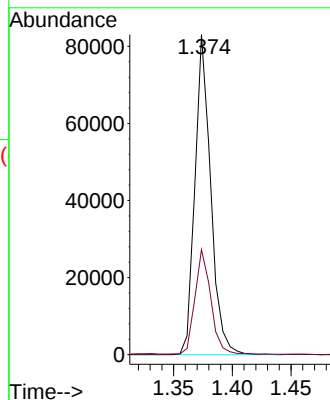
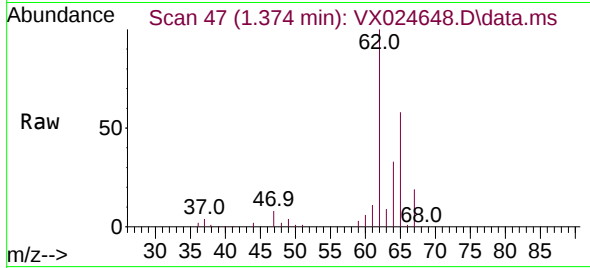




#5  
 Vinyl chloride  
 Concen: 49.194 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX024648.D  
 Acq: 07 Oct 2021 16:13

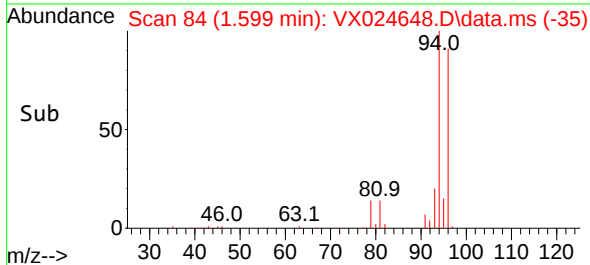
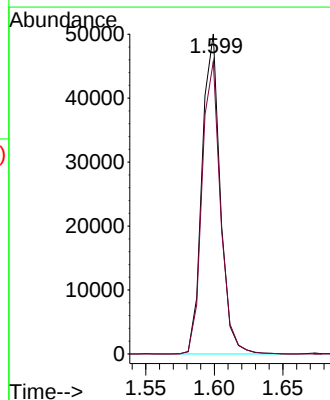
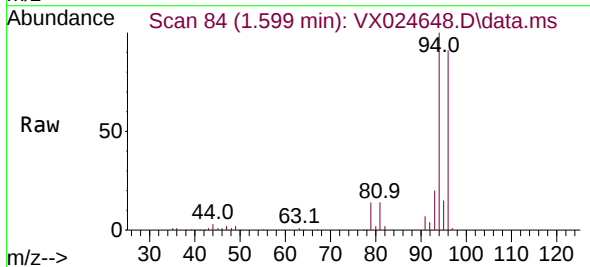
Instrument :  
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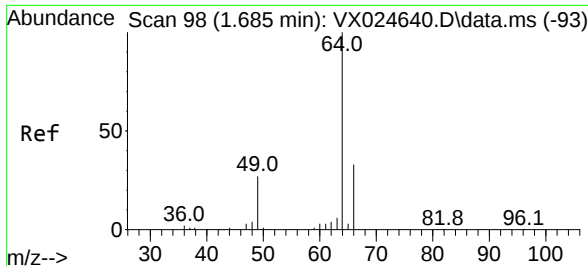
Tgt Ion: 62 Resp: 77716  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 22.7 42.3



#6  
 Bromomethane  
 Concen: 52.962 ug/L  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX024648.D  
 Acq: 07 Oct 2021 16:13

Tgt Ion: 94 Resp: 46170  
 Ion Ratio Lower Upper  
 94 100  
 96 91.4 64.8 120.3

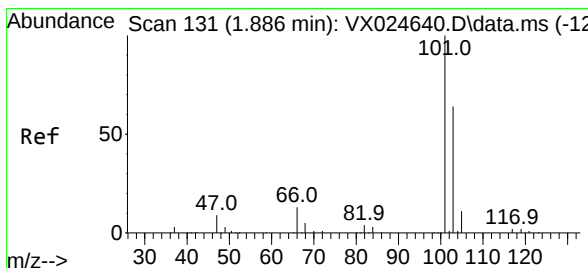
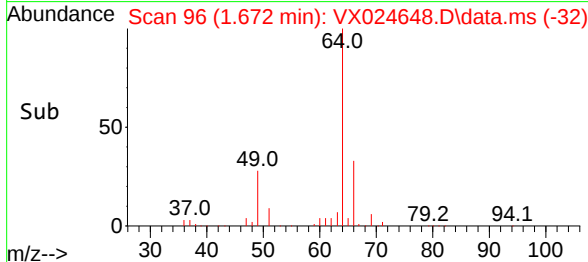
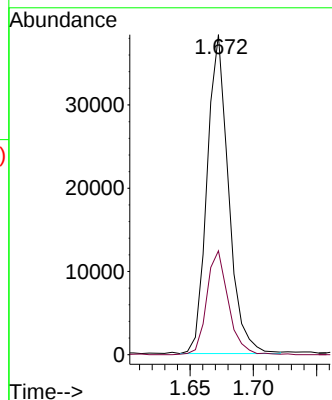
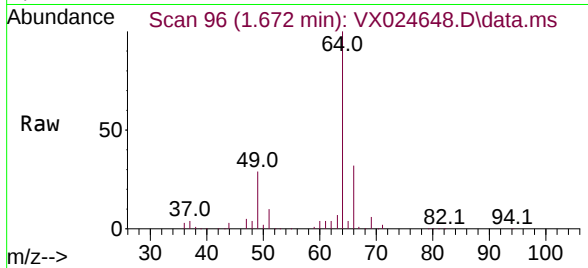




#8  
Chloroethane  
Concen: 54.949 ug/L  
RT: 1.672 min Scan# 96  
Delta R.T. -0.012 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

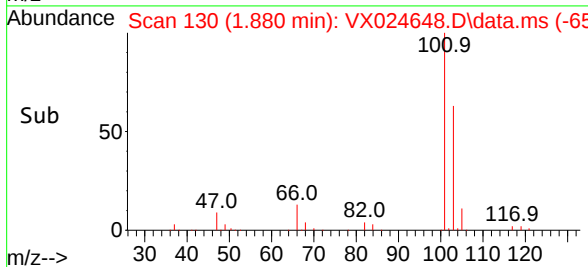
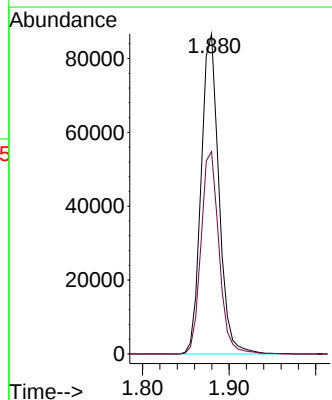
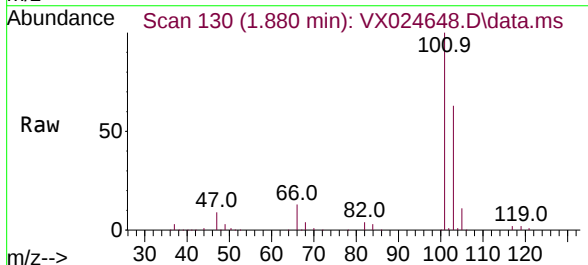
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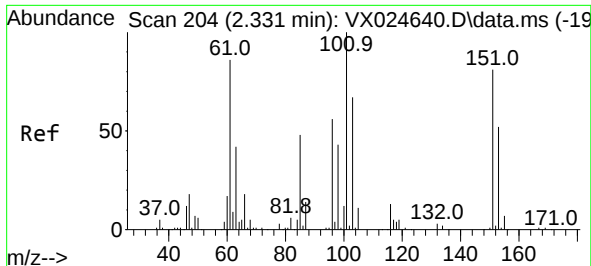
Tgt Ion: 64 Resp: 45318  
Ion Ratio Lower Upper  
64 100  
66 32.4 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 55.494 ug/L  
RT: 1.880 min Scan# 130  
Delta R.T. -0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion:101 Resp: 123564  
Ion Ratio Lower Upper  
101 100  
103 63.9 52.2 78.2

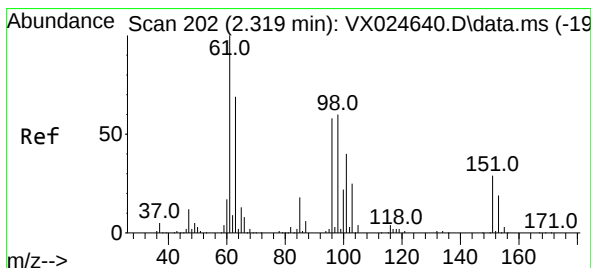
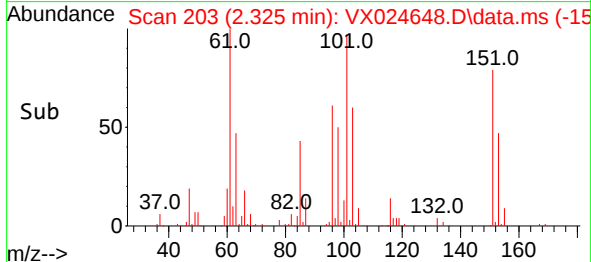
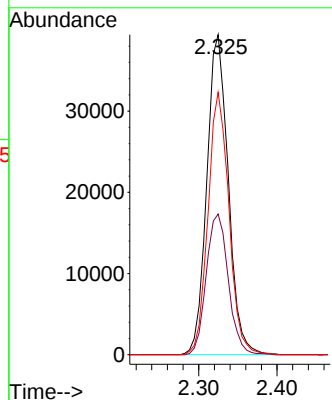
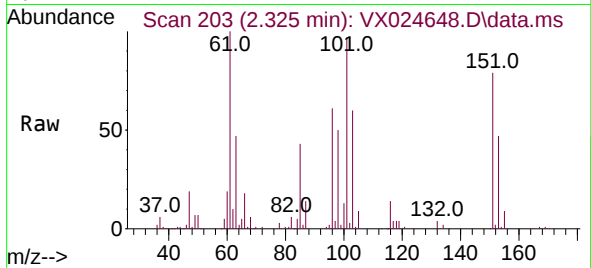




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 54.096 ug/L  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

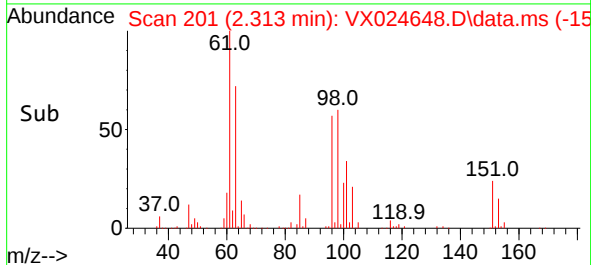
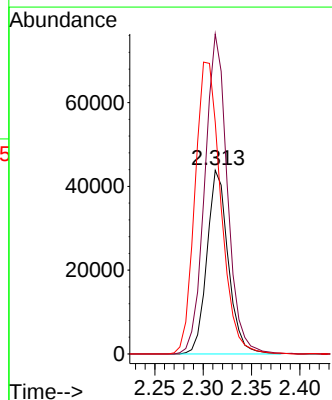
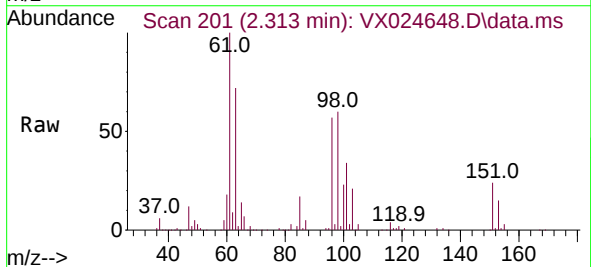
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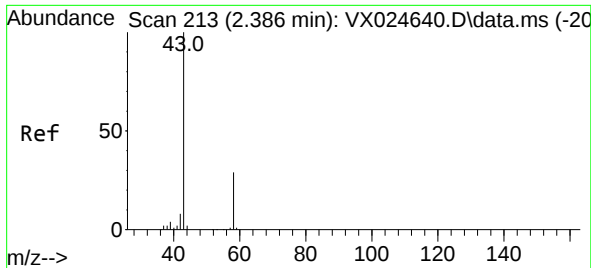
Tgt Ion:101 Resp: 74965  
Ion Ratio Lower Upper  
101 100  
85 45.1 34.3 51.5  
151 80.0 60.7 91.1



#12  
1,1-Dichloroethene  
Concen: 53.744 ug/L  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 96 Resp: 66969  
Ion Ratio Lower Upper  
96 100  
61 174.2 115.5 214.5  
63 126.2 77.3 143.7

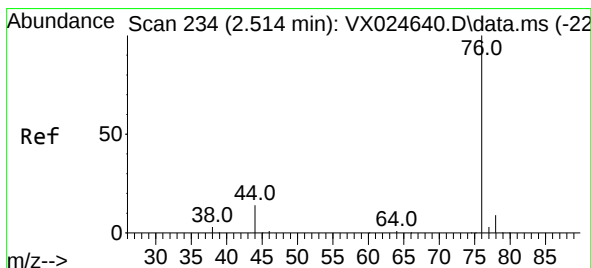
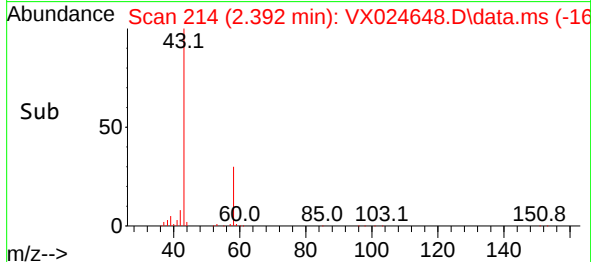
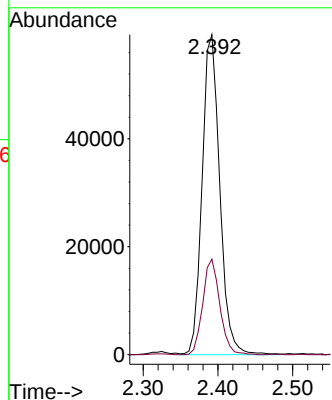
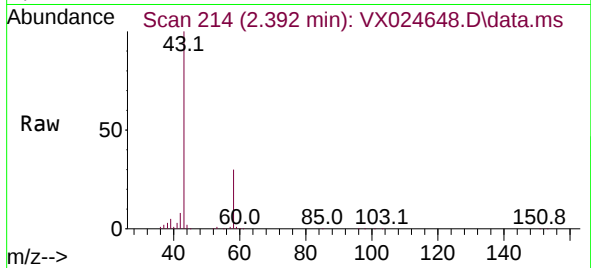




#13  
Acetone  
Concen: 89.135 ug/L  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

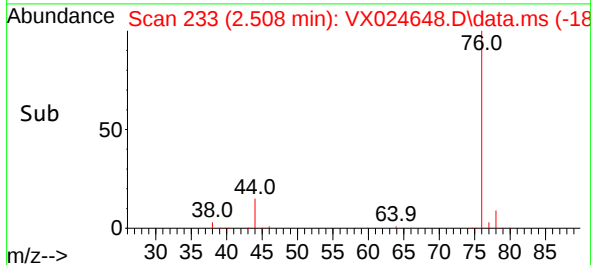
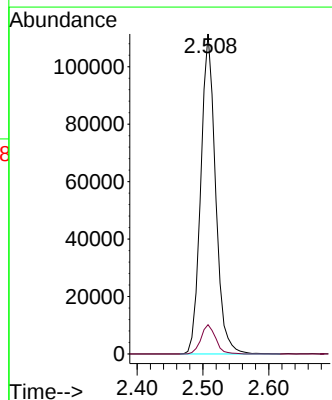
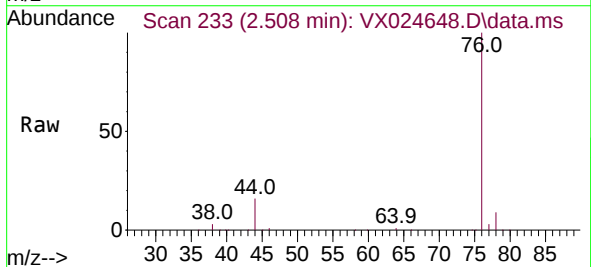
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

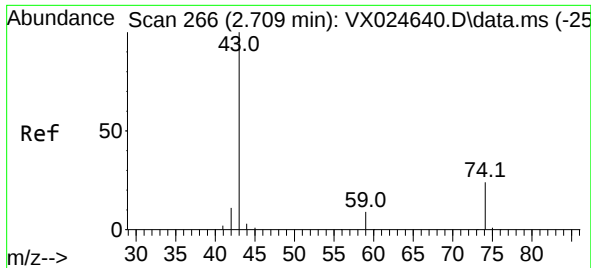
Tgt Ion: 43 Resp: 97299  
Ion Ratio Lower Upper  
43 100  
58 28.8 0.0 68.2



#14  
Carbon disulfide  
Concen: 48.373 ug/L  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 76 Resp: 174025  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.6 11.4

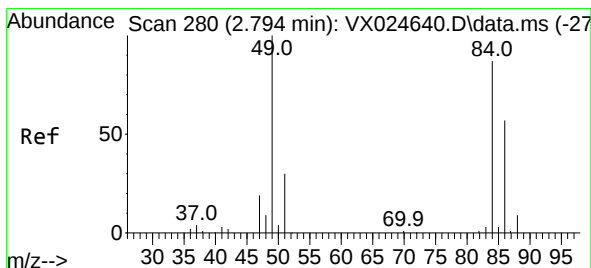
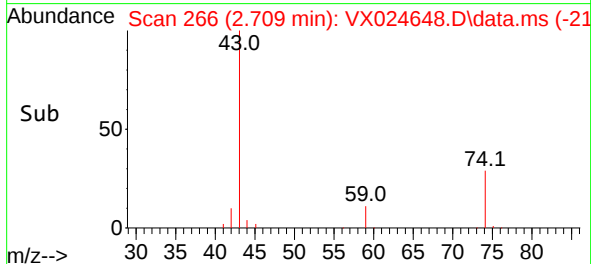
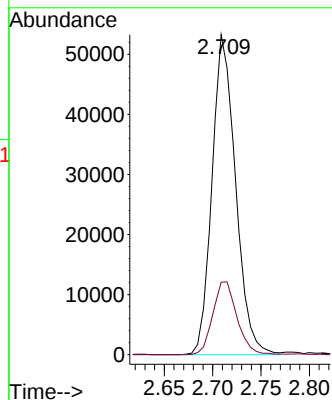
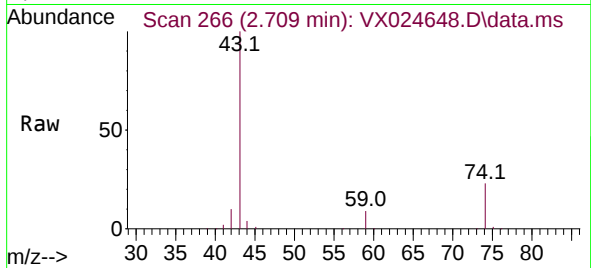




#15  
Methyl Acetate  
Concen: 51.851 ug/L  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

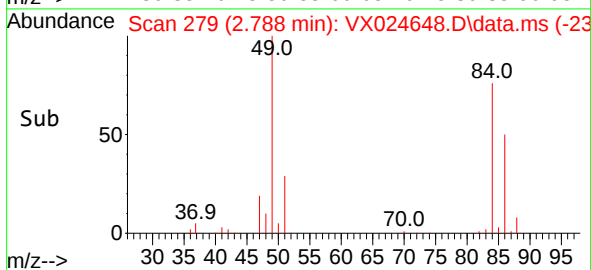
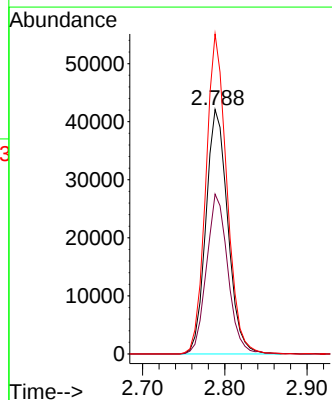
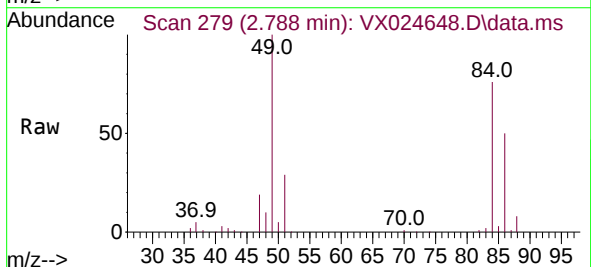
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

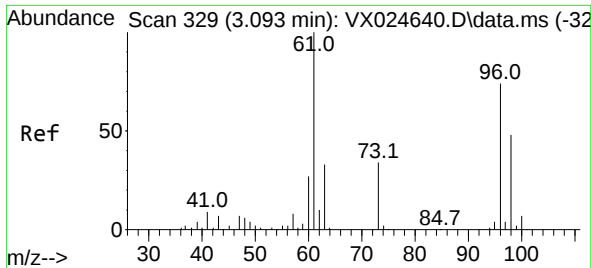
Tgt Ion: 43 Resp: 90179  
Ion Ratio Lower Upper  
43 100  
74 23.5 21.7 32.5



#16  
Methylene chloride  
Concen: 51.863 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 84 Resp: 77756  
Ion Ratio Lower Upper  
84 100  
86 65.4 44.2 82.0  
49 130.8 77.8 144.6



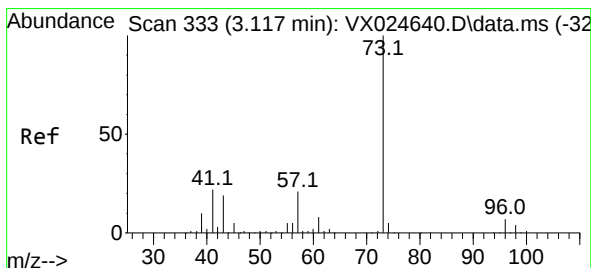
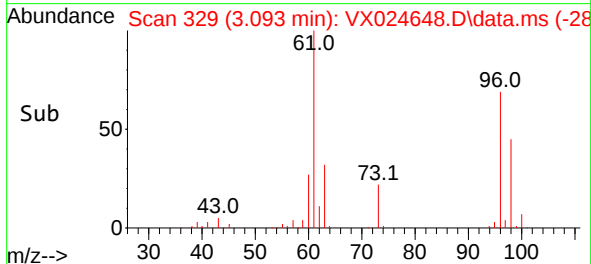
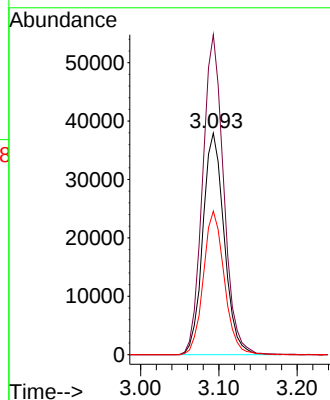
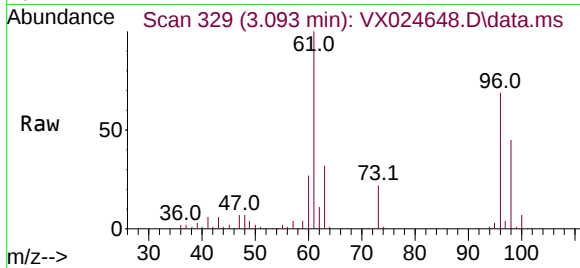


#17  
trans-1,2-Dichloroethene  
Concen: 50.877 ug/L  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

Tgt Ion: 96 Resp: 71877

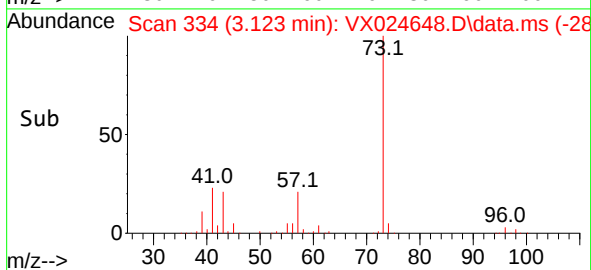
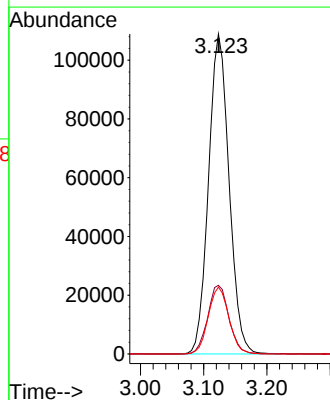
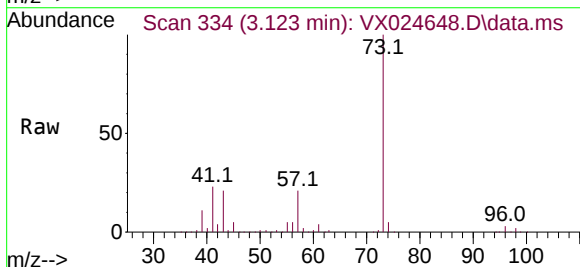
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.4 | 92.3  | 171.3 |
| 98  | 64.8  | 46.3  | 85.9  |

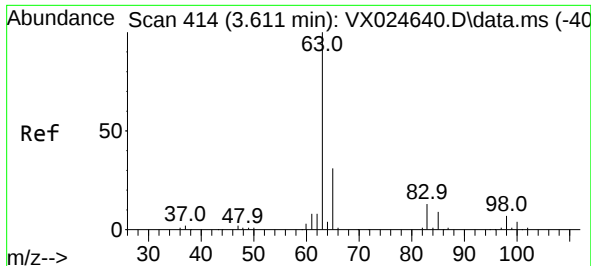


#18  
Methyl tert-butyl Ether  
Concen: 52.812 ug/L  
RT: 3.123 min Scan# 334  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 73 Resp: 245402

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 22.2  | 15.1  | 22.7  |
| 57  | 21.0  | 17.4  | 26.2  |





#19

1,1-Dichloroethane

Concen: 51.812 ug/L

RT: 3.611 min Scan# 414

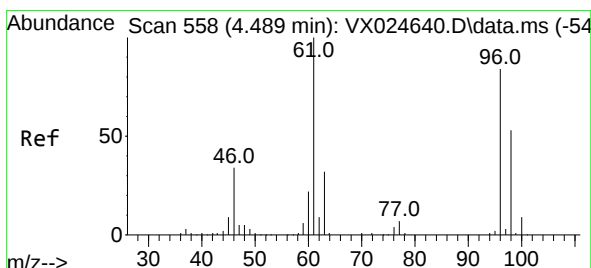
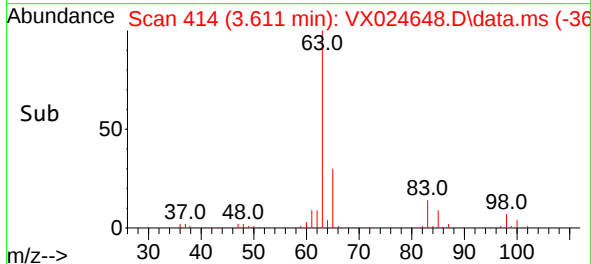
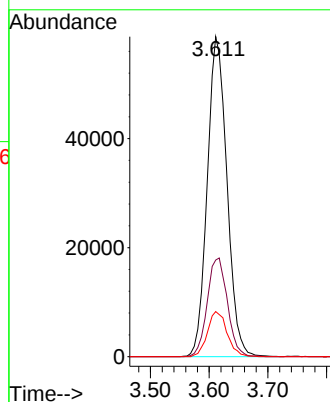
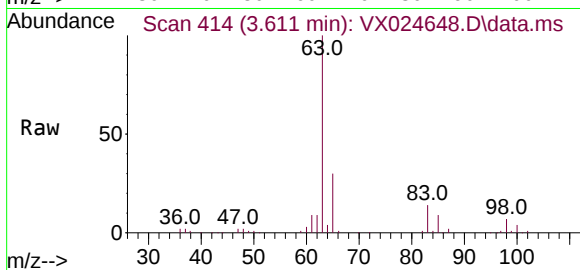
Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion: 63 Resp: 136767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 30.2  | 22.4  | 41.6  |
| 83  | 14.1  | 9.5   | 17.7  |



#20

cis-1,2-Dichloroethene

Concen: 51.021 ug/L

RT: 4.495 min Scan# 559

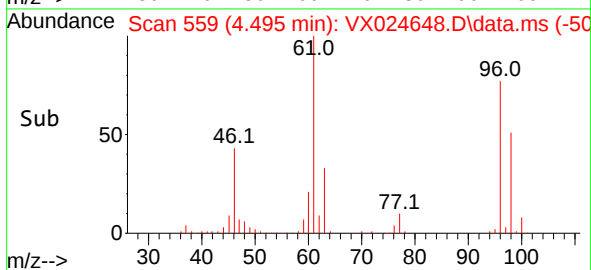
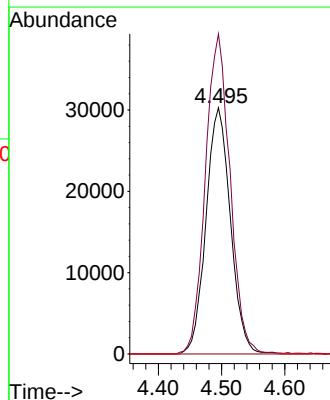
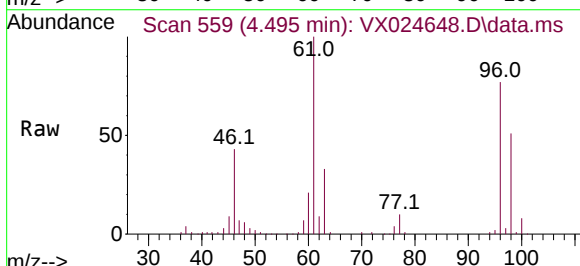
Delta R.T. 0.006 min

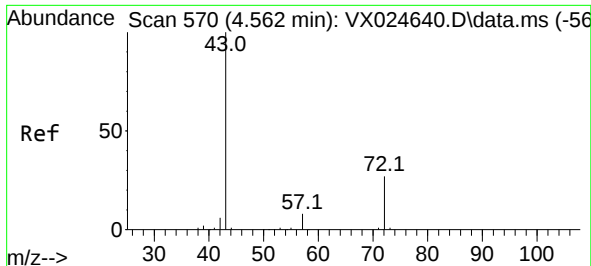
Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion: 96 Resp: 81354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.9 | 87.8  | 163.0 |
| 68  | 0.0   | 0.0   | 0.0   |

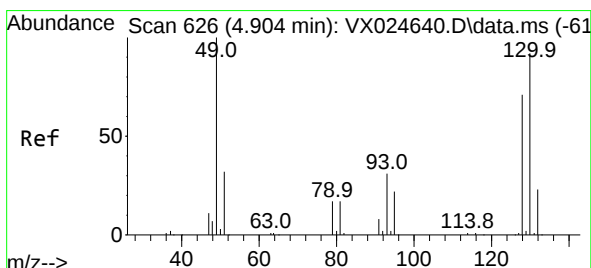
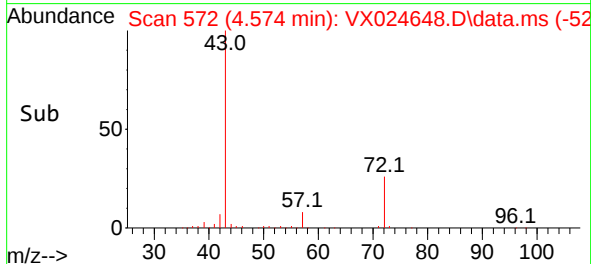
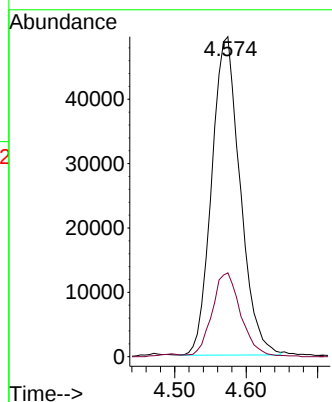
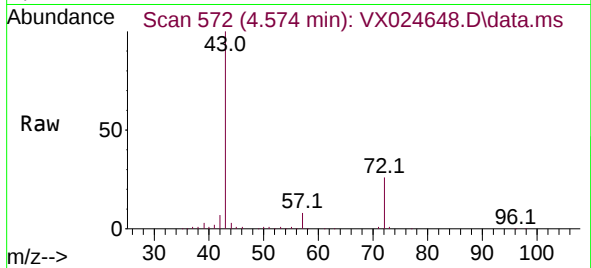




#22  
2-Butanone  
Concen: 94.590 ug/L  
RT: 4.574 min Scan# 572  
Delta R.T. 0.012 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

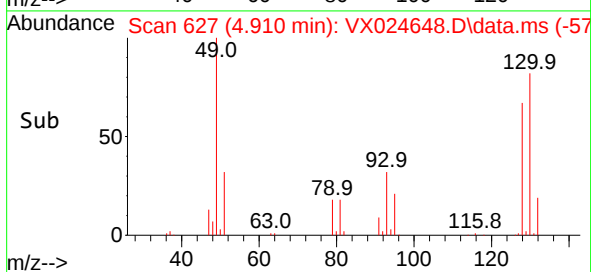
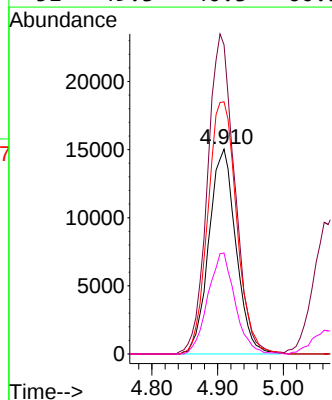
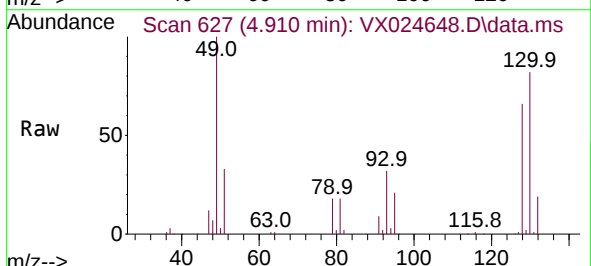
Instrument :  
MSVOA\_X  
ClientSampled :  
EW918MEMS

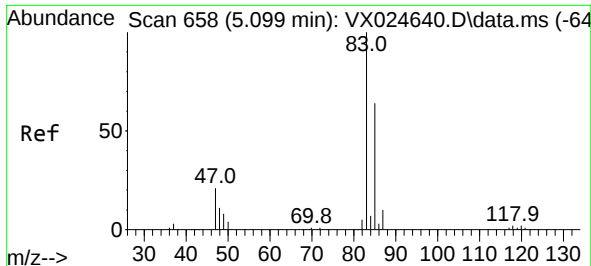
Tgt Ion: 43 Resp: 136685  
Ion Ratio Lower Upper  
43 100  
72 25.9 15.3 45.8



#23  
Bromochloromethane  
Concen: 51.616 ug/L  
RT: 4.910 min Scan# 627  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 128 Resp: 43011  
Ion Ratio Lower Upper  
128 100  
49 150.9 107.5 199.7  
130 123.2 91.1 169.3  
51 49.3 40.3 60.5

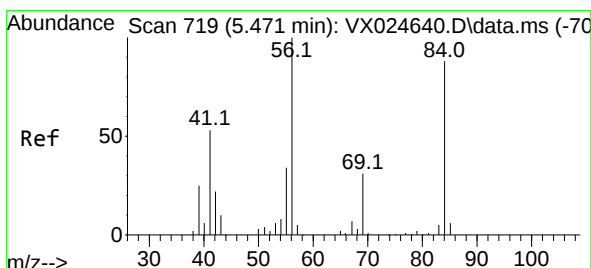
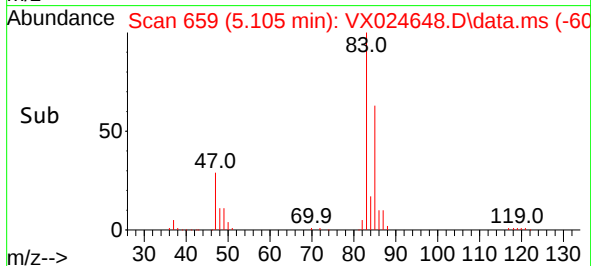
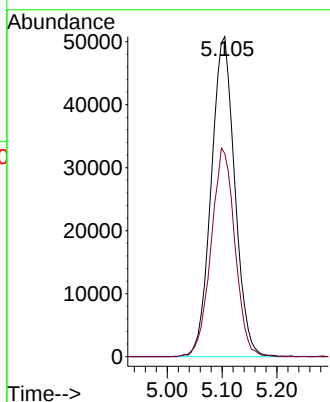
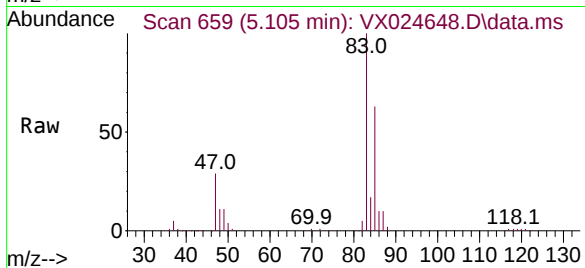




#25  
Chloroform  
Concen: 50.731 ug/L  
RT: 5.105 min Scan# 659  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

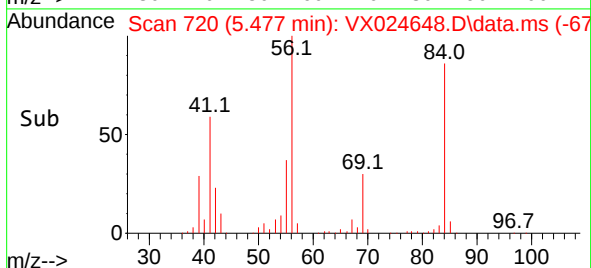
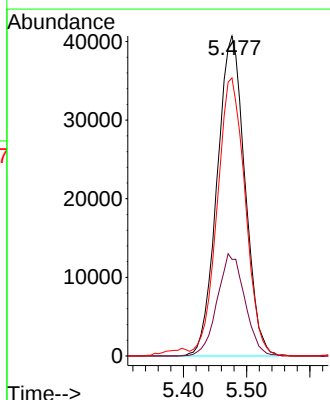
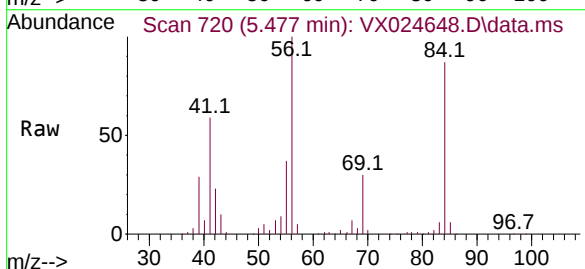
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

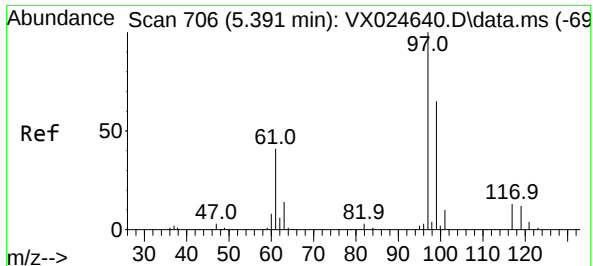
Tgt Ion: 83 Resp: 151416  
Ion Ratio Lower Upper  
83 100  
85 63.5 46.3 85.9



#29  
Cyclohexane  
Concen: 50.469 ug/L  
RT: 5.477 min Scan# 720  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 56 Resp: 124225  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.7 38.5  
84 87.5 72.4 108.6

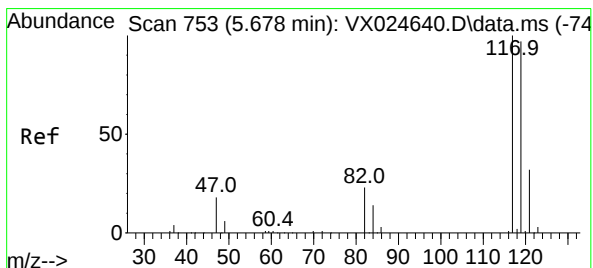
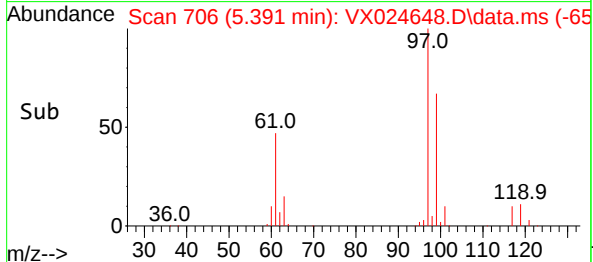
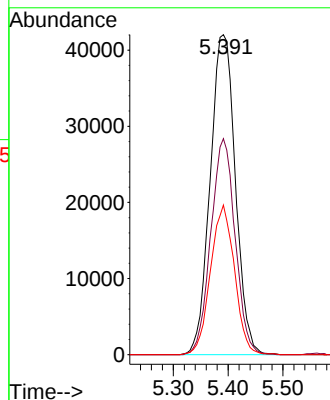
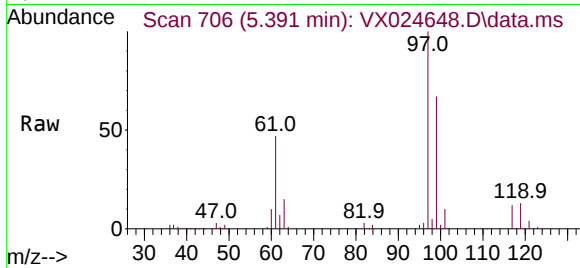




#30  
1,1,1-Trichloroethane  
Concen: 51.715 ug/L  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

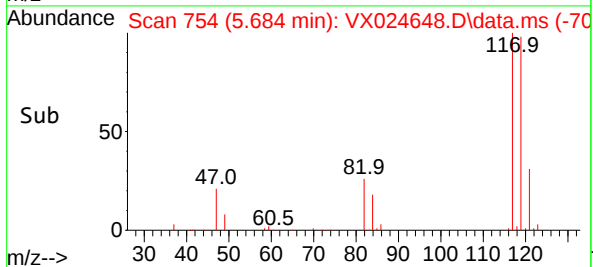
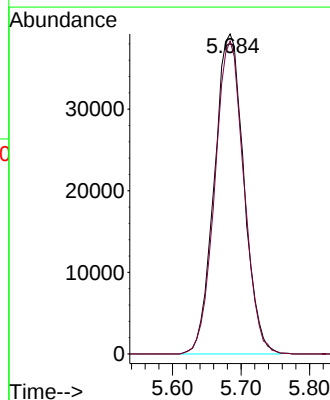
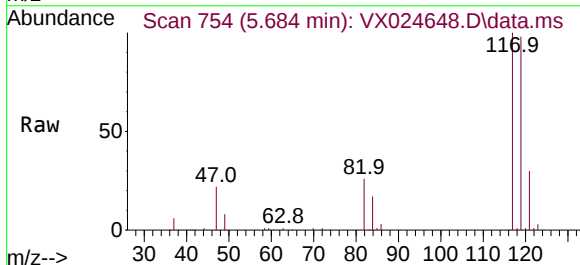
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

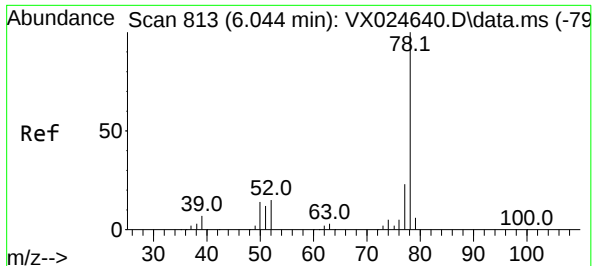
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 134487 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 65.0  | 52.1  | 78.1   |
| 61       | 44.4  | 35.3  | 52.9   |



#31  
Carbon tetrachloride  
Concen: 51.433 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 117346 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 77.5  | 116.3  |

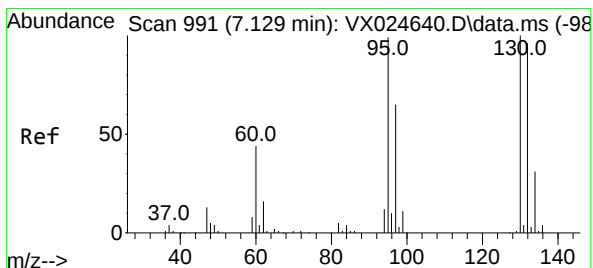
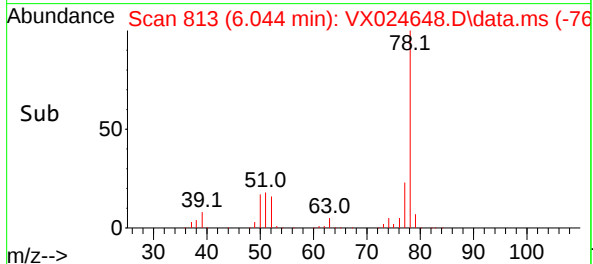
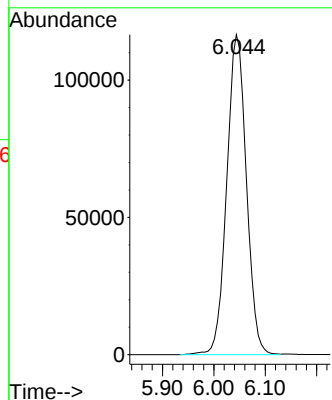
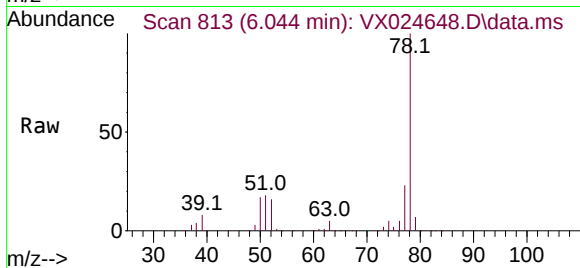




#33  
Benzene  
Concen: 50.524 ug/L  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

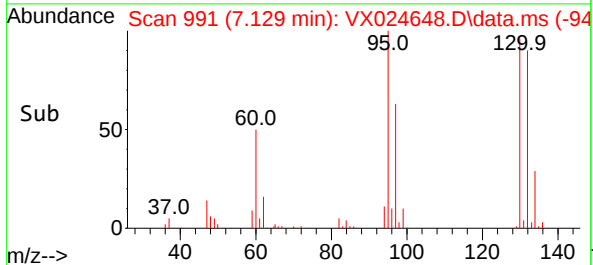
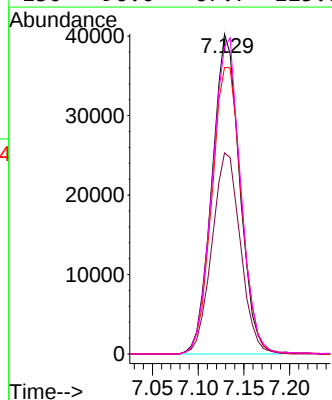
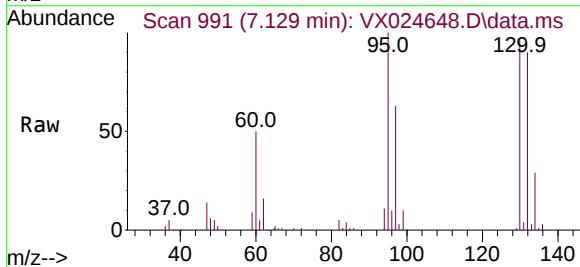
Tgt Ion: 78 Resp: 309608

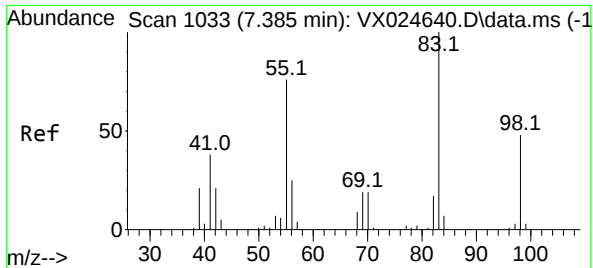


#34  
Trichloroethene  
Concen: 50.193 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 95 Resp: 84660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.8  | 44.5  | 82.7  |
| 132 | 89.6  | 65.2  | 121.0 |
| 130 | 96.0  | 67.7  | 125.7 |

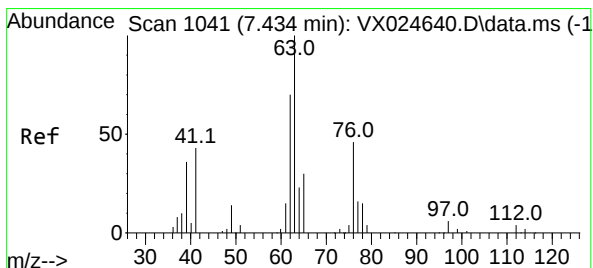
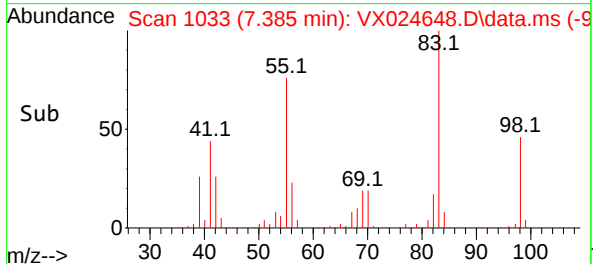
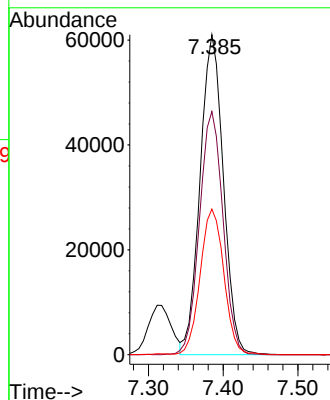
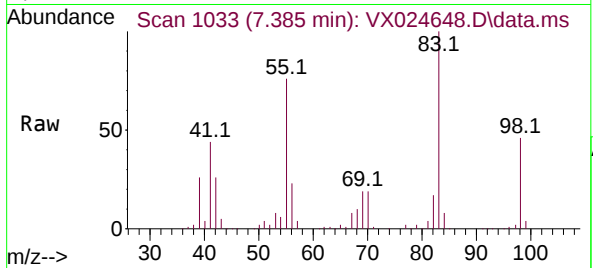




#35  
Methylcyclohexane  
Concen: 49.246 ug/L  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

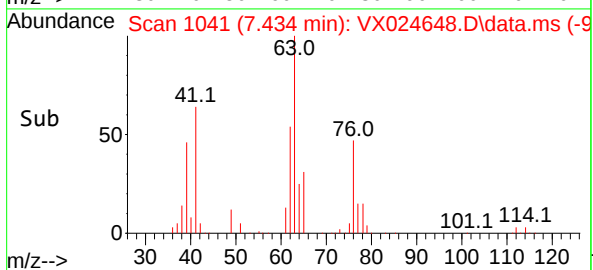
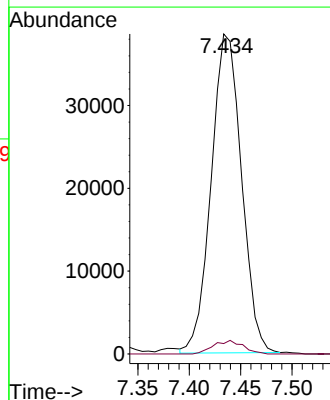
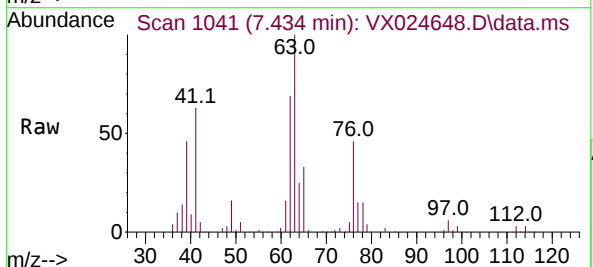
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

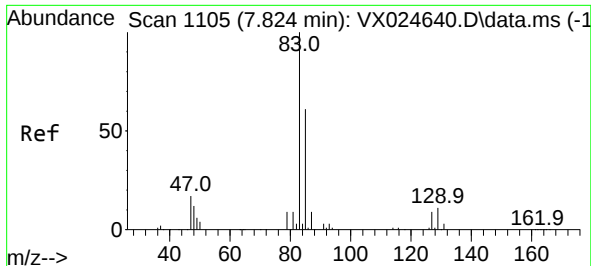
Tgt Ion: 83 Resp: 132051  
Ion Ratio Lower Upper  
83 100  
55 76.7 61.2 91.8  
98 45.7 38.7 58.1



#37  
1,2-Dichloropropane  
Concen: 48.925 ug/L  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 63 Resp: 78960  
Ion Ratio Lower Upper  
63 100  
112 4.2 3.6 5.4

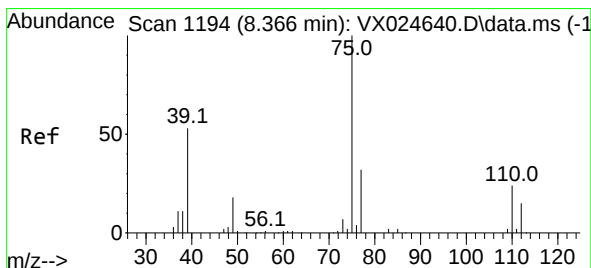
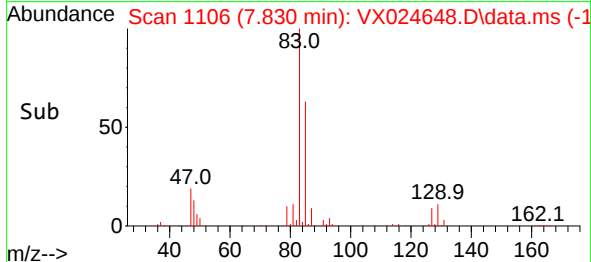
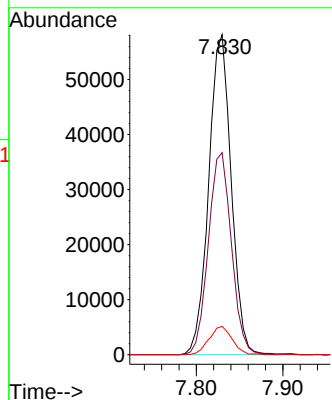
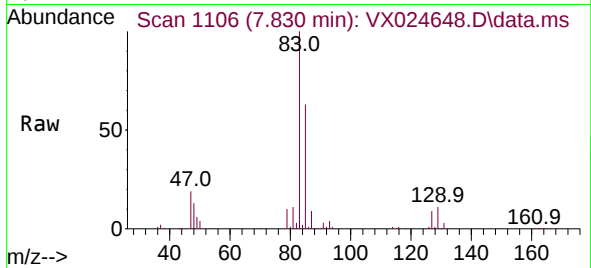




#38  
Bromodichloromethane  
Concen: 50.886 ug/L  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

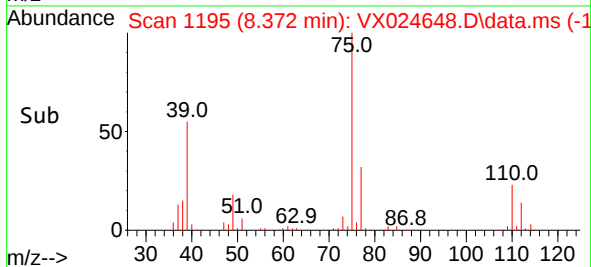
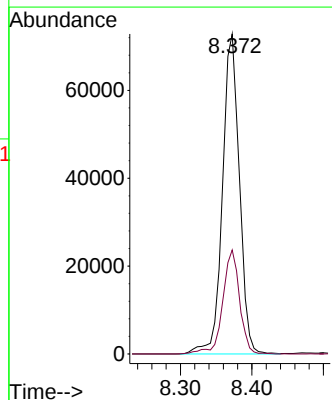
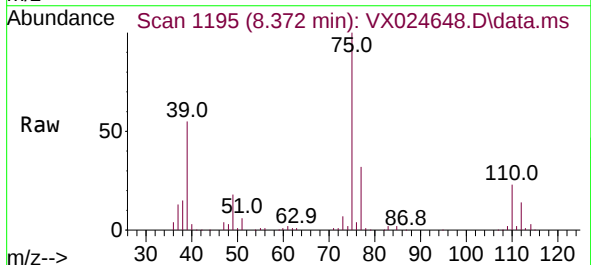
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

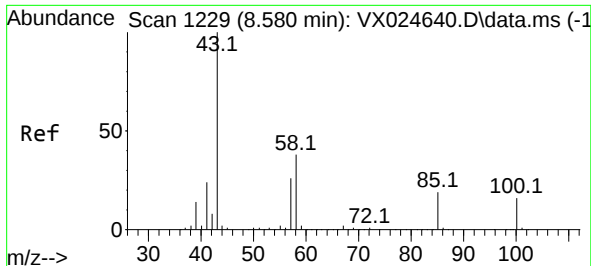
Tgt Ion: 83 Resp: 104909  
Ion Ratio Lower Upper  
83 100  
85 63.2 45.1 83.7  
127 8.9 6.6 10.0



#39  
cis-1,3-Dichloropropene  
Concen: 49.426 ug/L  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 75 Resp: 119603  
Ion Ratio Lower Upper  
75 100  
77 32.5 22.7 42.3





#40

4-Methyl-2-pentanone

Concen: 102.486 ug/L

RT: 8.580 min Scan# 1229

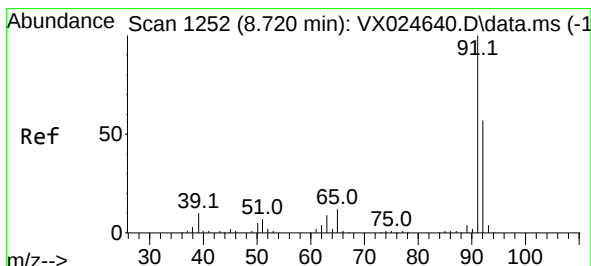
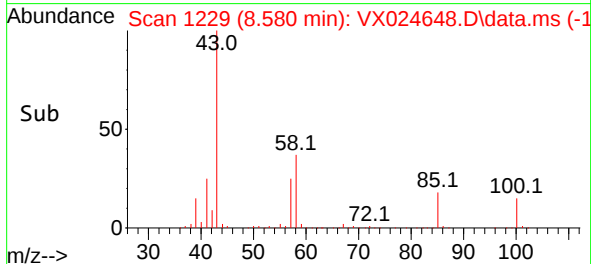
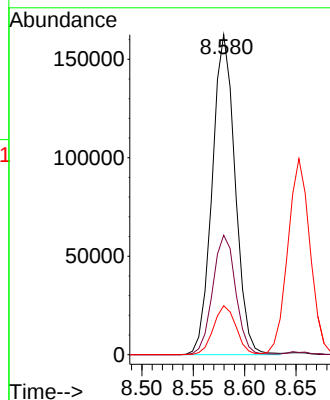
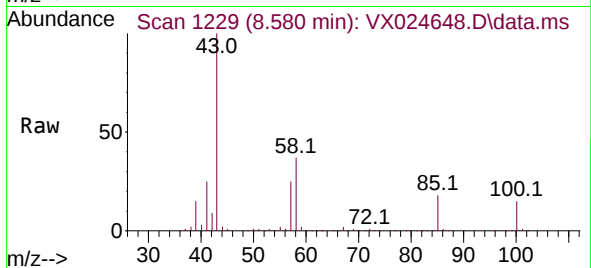
Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion: 43 Resp: 251683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.5  | 35.0  | 52.4  |
| 100 | 15.2  | 14.2  | 21.4  |



#42

Toluene

Concen: 47.567 ug/L

RT: 8.720 min Scan# 1252

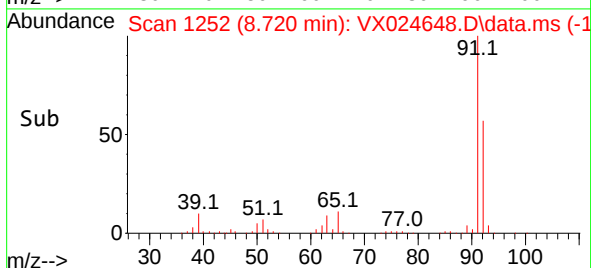
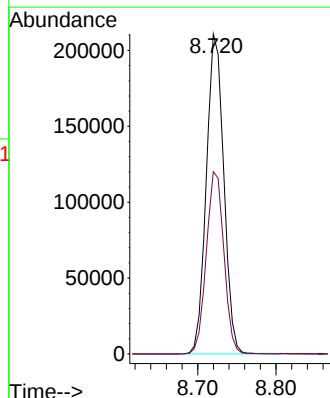
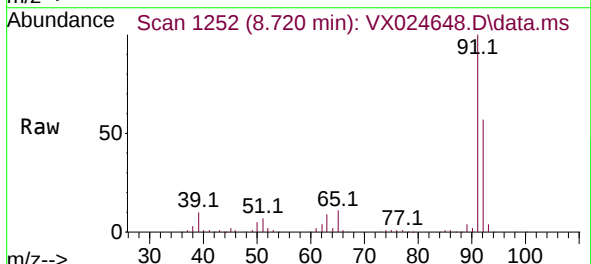
Delta R.T. -0.000 min

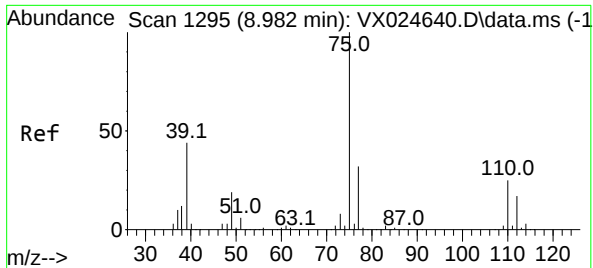
Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion: 91 Resp: 325348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 57.0  | 40.5  | 75.1  |

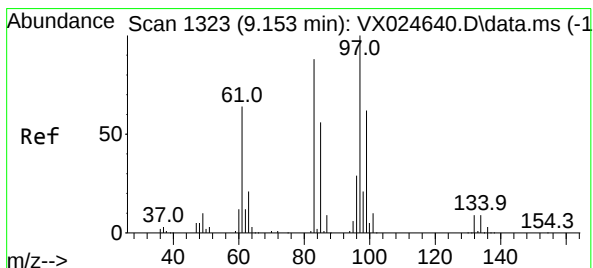
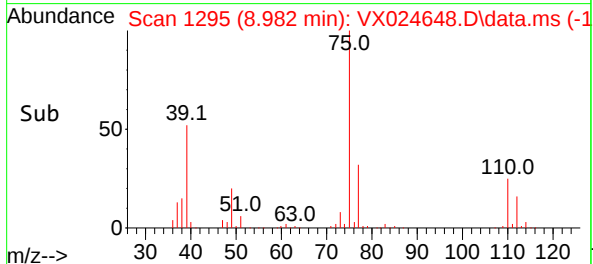
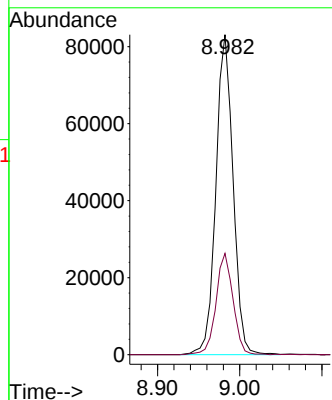
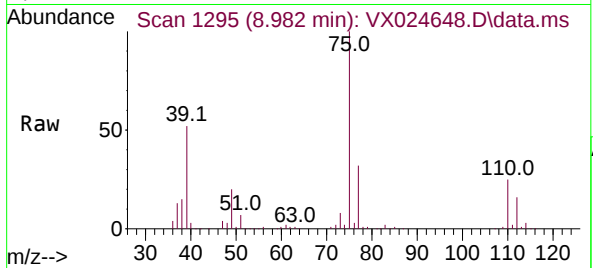




#44  
trans-1,3-Dichloropropene  
Concen: 51.107 ug/L  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

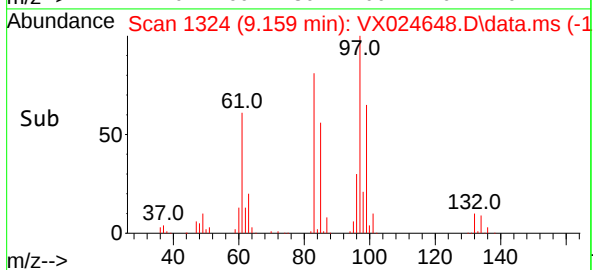
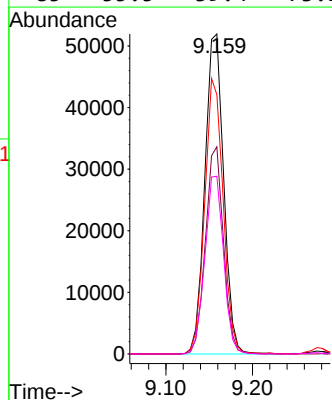
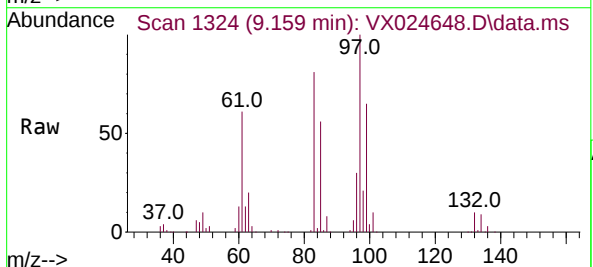
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

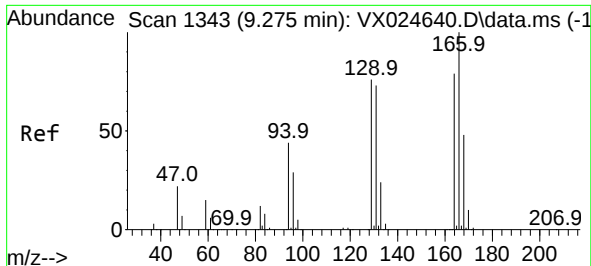
Tgt Ion: 75 Resp: 120790  
Ion Ratio Lower Upper  
75 100  
77 31.6 22.4 41.6



#45  
1,1,2-Trichloroethane  
Concen: 49.895 ug/L  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

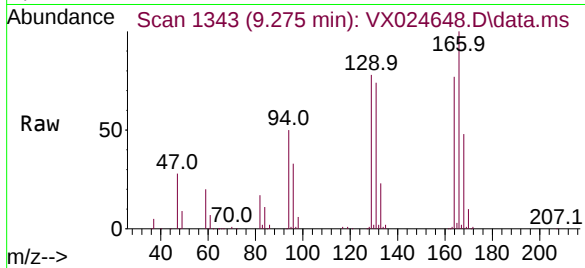
Tgt Ion: 97 Resp: 78294  
Ion Ratio Lower Upper  
97 100  
99 64.7 44.0 81.6  
83 81.1 60.8 113.0  
85 55.5 39.4 73.2



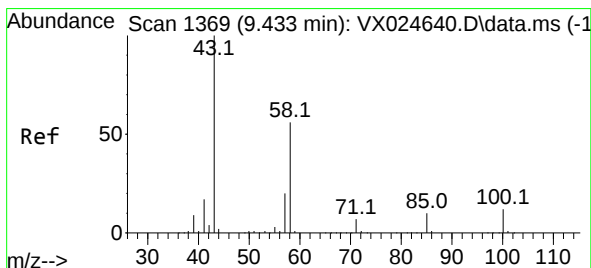
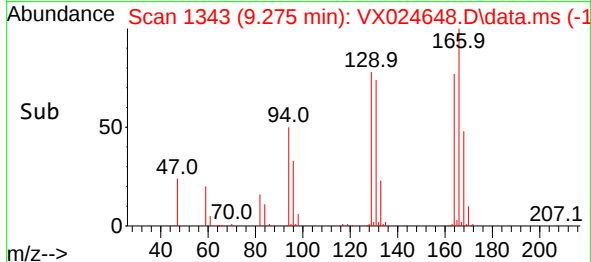
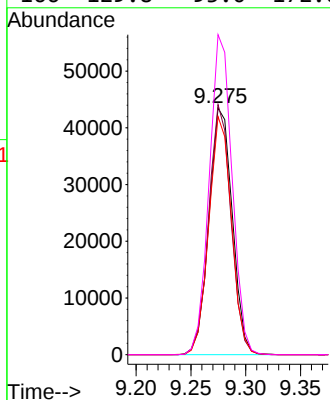


#46  
Tetrachloroethene  
Concen: 49.038 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

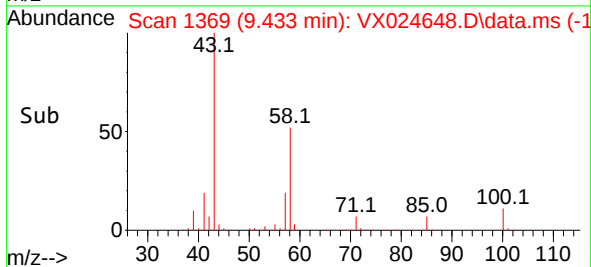
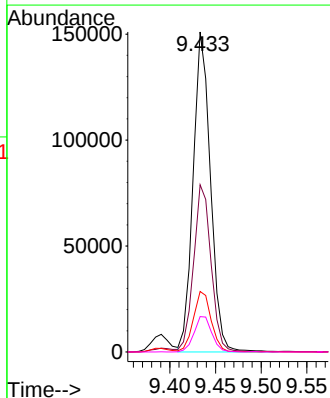
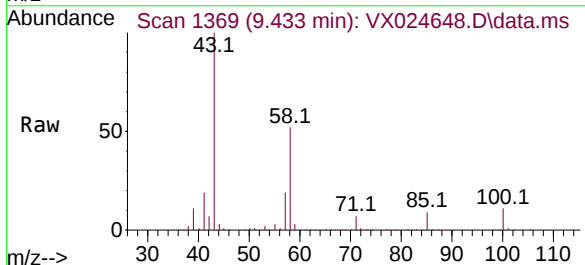


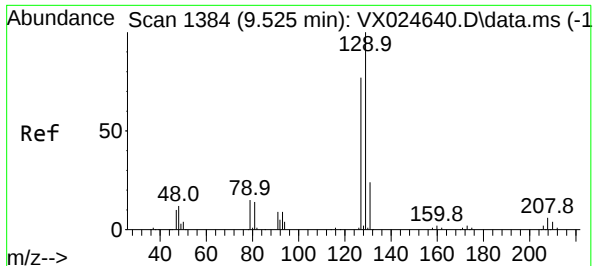
| Tgt Ion:164 | Resp: | 64474 |       |
|-------------|-------|-------|-------|
| Ion         | Ratio | Lower | Upper |
| 164         | 100   |       |       |
| 129         | 101.4 | 65.6  | 121.8 |
| 131         | 96.5  | 63.7  | 118.3 |
| 166         | 129.8 | 93.0  | 172.6 |



#48  
2-Hexanone  
Concen: 99.910 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

| Tgt Ion: 43 | Resp: | 200149 |       |
|-------------|-------|--------|-------|
| Ion         | Ratio | Lower  | Upper |
| 43          | 100   |        |       |
| 58          | 52.4  | 50.1   | 75.1  |
| 57          | 19.4  | 17.3   | 25.9  |
| 100         | 11.3  | 11.4   | 17.2  |





#49

Dibromochloromethane

Concen: 48.955 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX024648.D

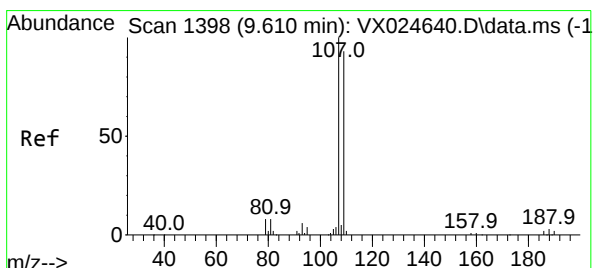
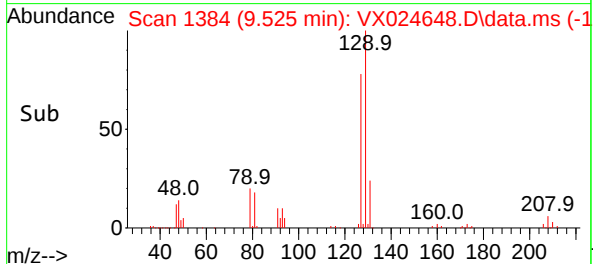
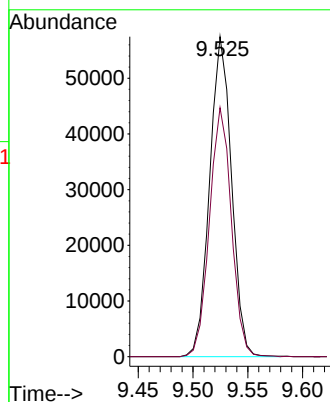
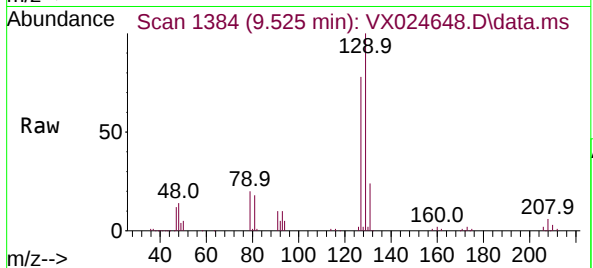
Acq: 07 Oct 2021 16:13

Tgt Ion:129 Resp: 79886

Ion Ratio Lower Upper

129 100

127 77.8 52.5 97.5



#50

1,2-Dibromoethane

Concen: 49.273 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

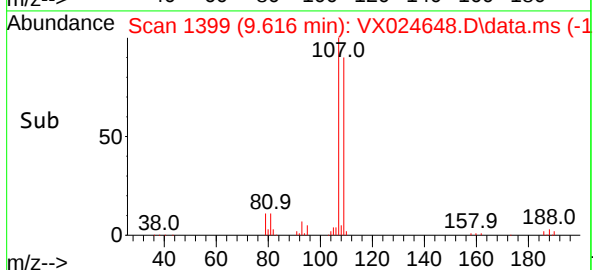
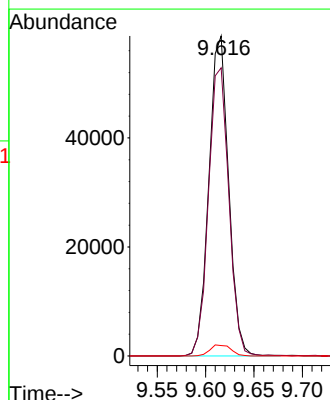
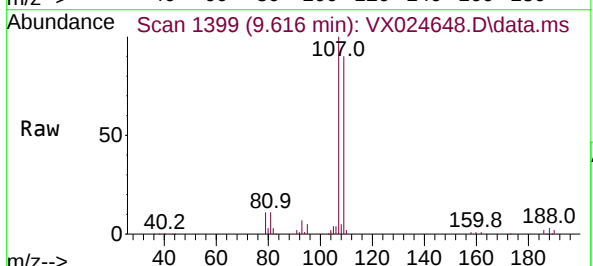
Tgt Ion:107 Resp: 83502

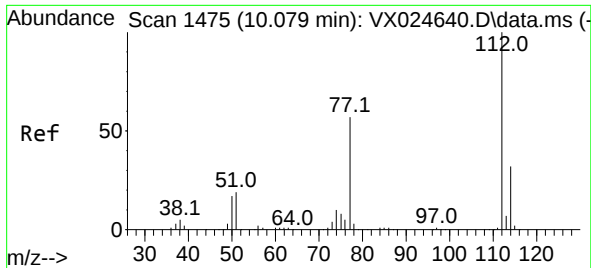
Ion Ratio Lower Upper

107 100

109 90.0 66.4 123.4

188 3.2 3.2 4.8

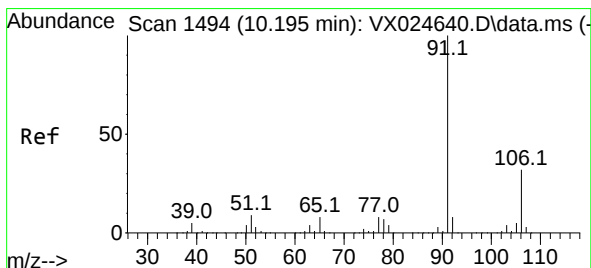
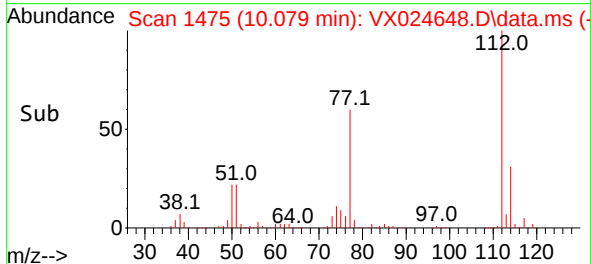
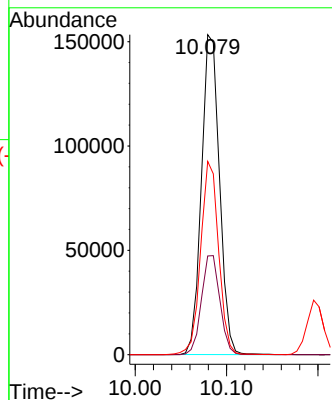
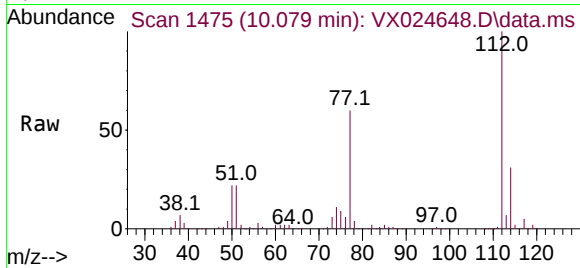




#51  
Chlorobenzene  
Concen: 50.932 ug/L  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

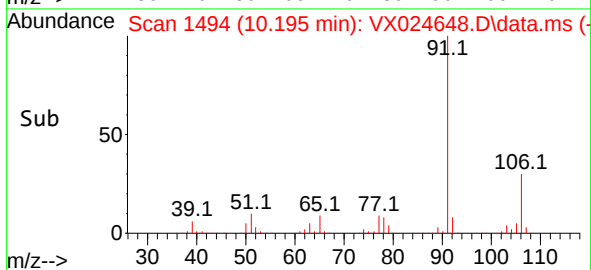
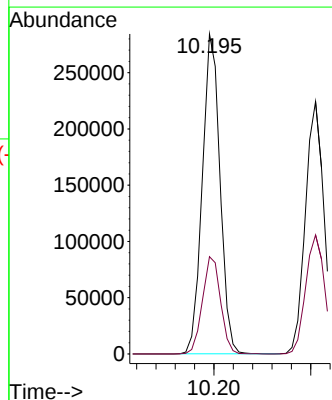
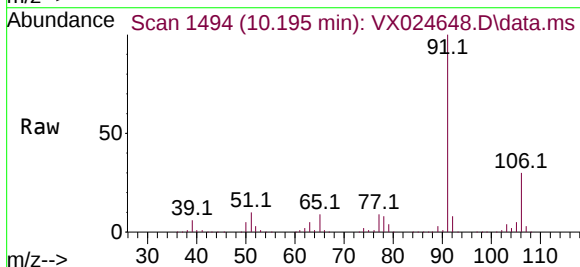
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

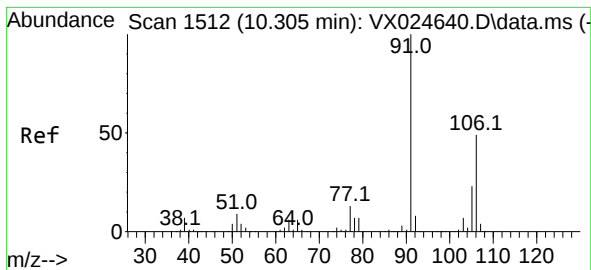
Tgt Ion:112 Resp: 209965  
Ion Ratio Lower Upper  
112 100  
114 30.9 23.2 43.2  
77 60.4 48.4 72.6



#52  
Ethylbenzene  
Concen: 51.392 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 91 Resp: 361932  
Ion Ratio Lower Upper  
91 100  
106 30.4 21.0 39.0

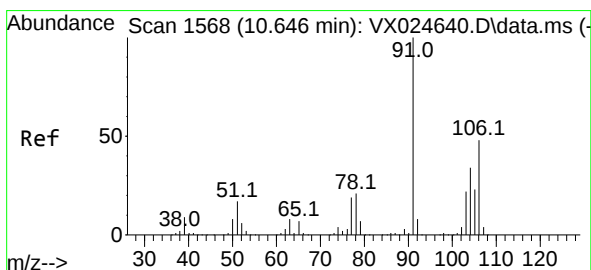
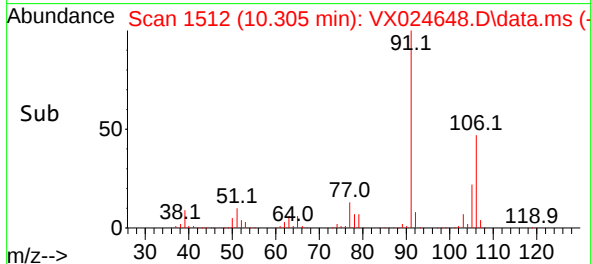
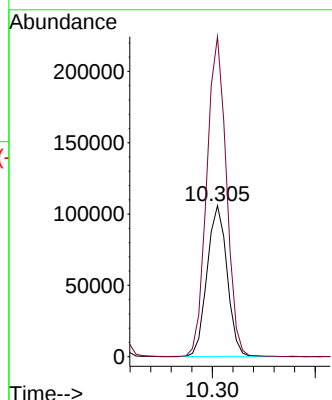
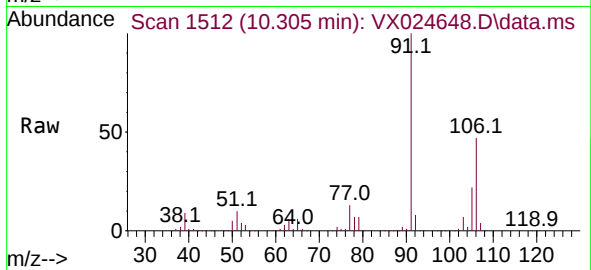




#53  
m,p-Xylene  
Concen: 52.133 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

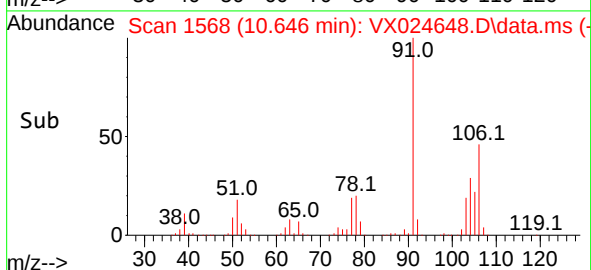
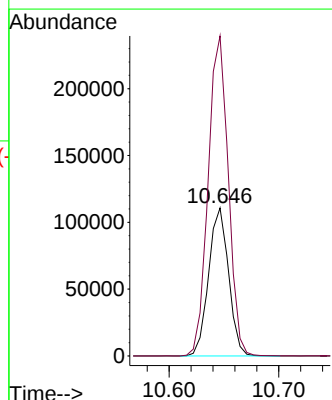
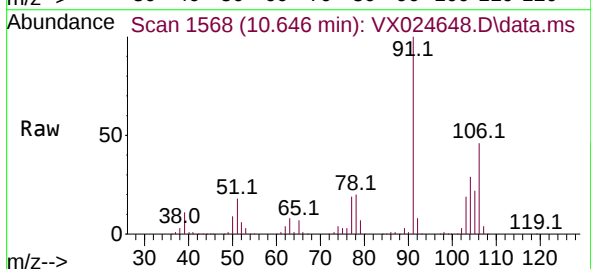
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

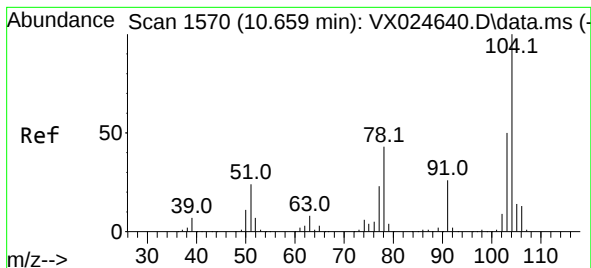
Tgt Ion:106 Resp: 143440  
Ion Ratio Lower Upper  
106 100  
91 212.0 142.5 264.6



#54  
o-Xylene  
Concen: 50.992 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion:106 Resp: 140137  
Ion Ratio Lower Upper  
106 100  
91 216.2 156.2 290.0





#55

Styrene

Concen: 52.898 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion:104 Resp: 242658

Ion Ratio Lower Upper

104 100

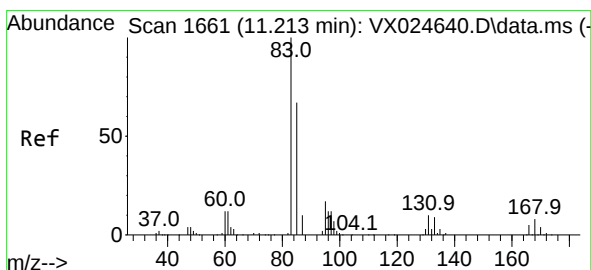
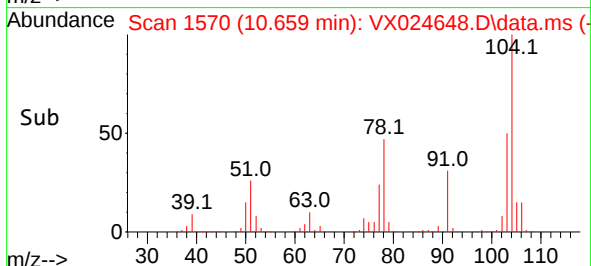
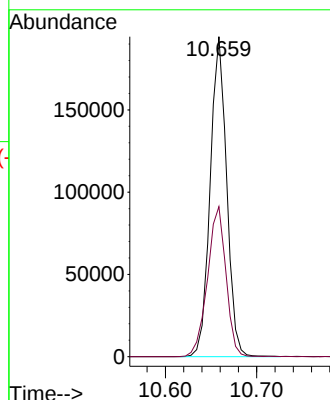
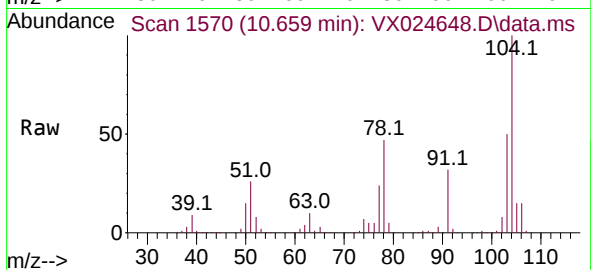
78 46.9 30.0 55.6

Instrument :

MSVOA\_X

ClientSampleId :

EW918MEMS



#57

1,1,2,2-Tetrachloroethane

Concen: 51.376 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

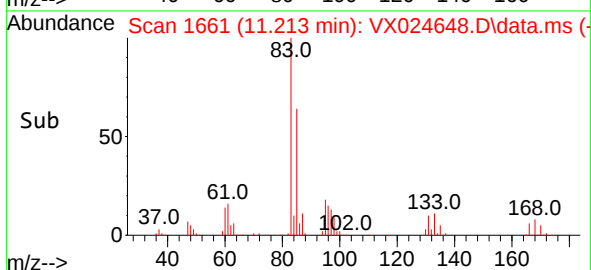
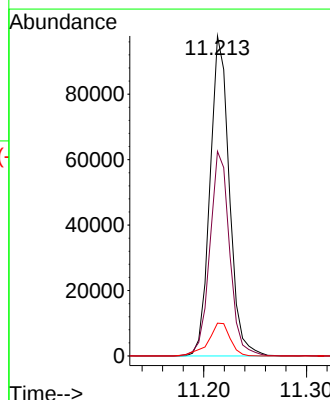
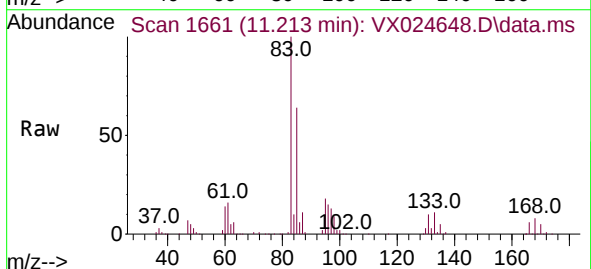
Tgt Ion: 83 Resp: 127418

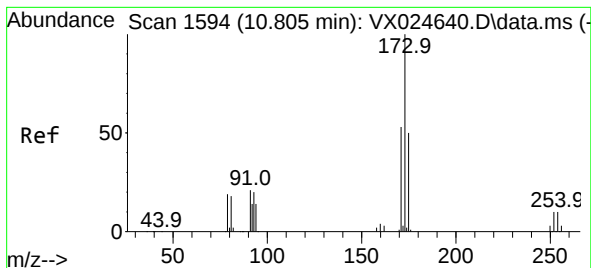
Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9

131 10.3 7.8 11.8





#59

Bromoform

Concen: 49.055 ug/L

RT: 10.805 min Scan# 1594

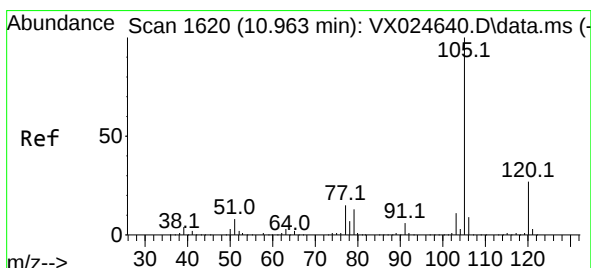
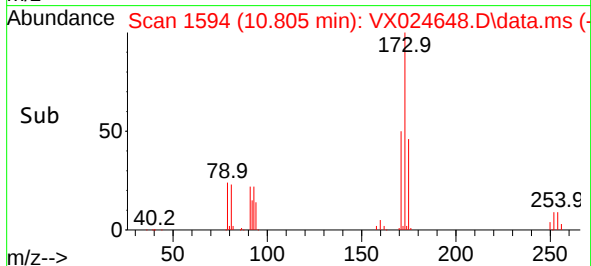
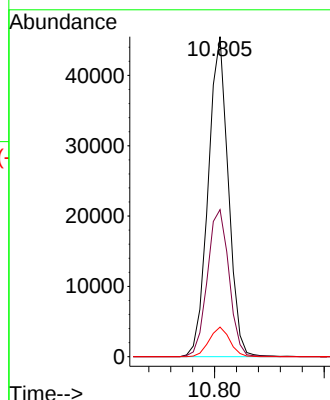
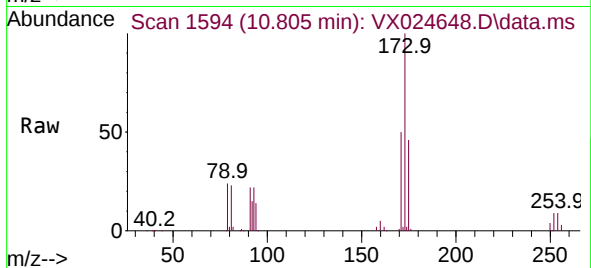
Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 57919 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.2  | 39.4  | 59.2  |
| 254       | 9.5   | 8.6   | 13.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS



#60

Isopropylbenzene

Concen: 50.953 ug/L

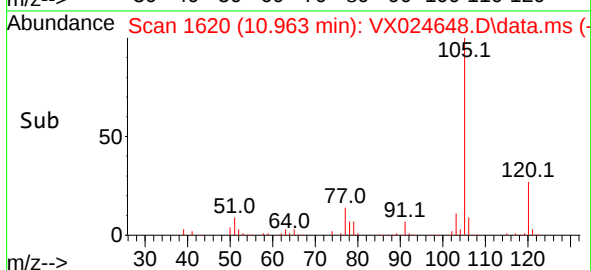
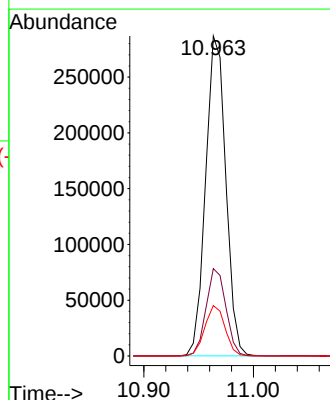
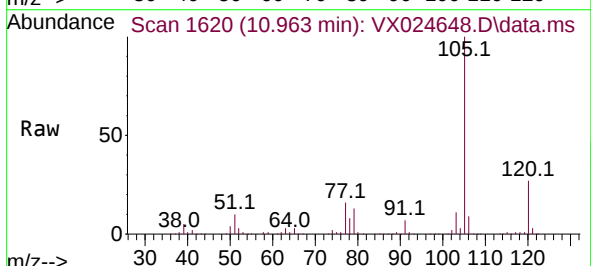
RT: 10.963 min Scan# 1620

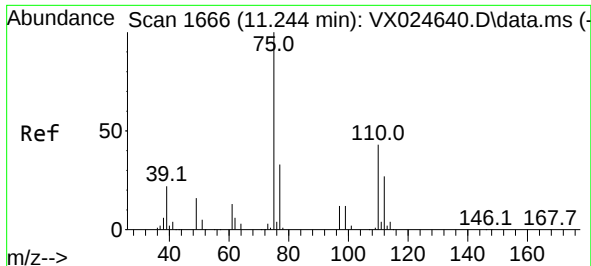
Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 366145 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 26.9  | 21.2  | 31.8   |
| 77        | 15.9  | 12.6  | 18.8   |

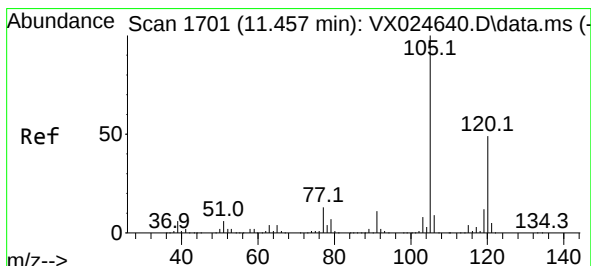
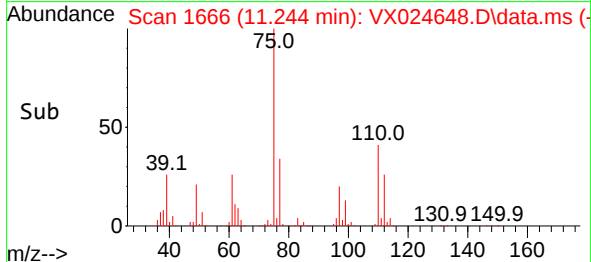
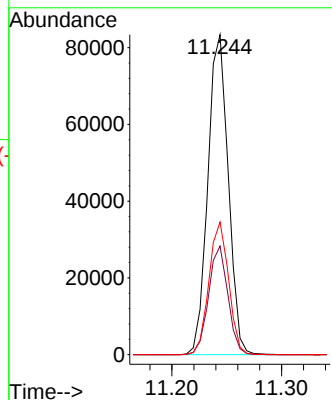
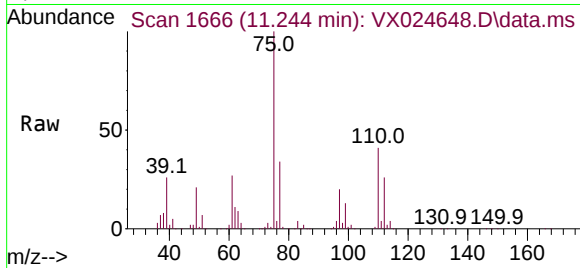




#61  
1,2,3-Trichloropropane  
Concen: 50.285 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

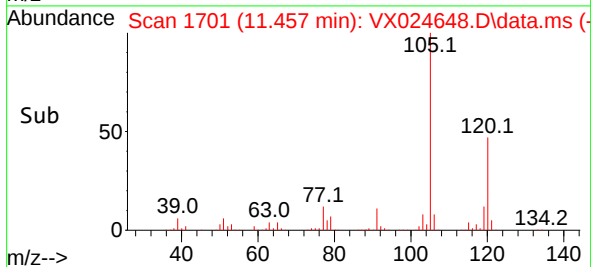
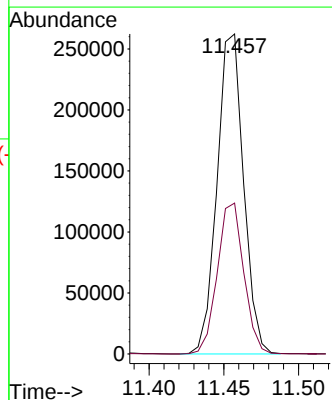
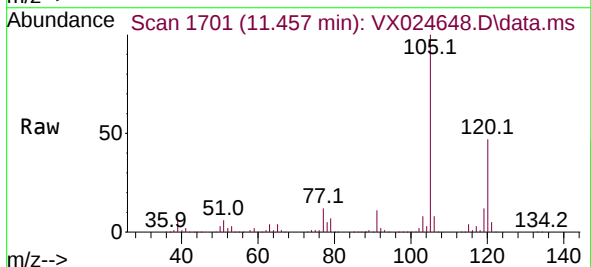
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

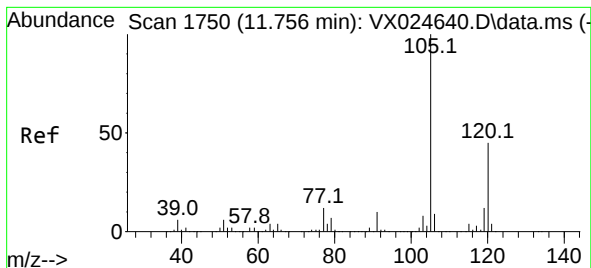
Tgt Ion: 75 Resp: 107703  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.2  
110 40.1 31.8 47.8



#62  
1,3,5-Trimethylbenzene  
Concen: 51.308 ug/L  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion: 105 Resp: 323832  
Ion Ratio Lower Upper  
105 100  
120 47.0 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 51.882 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX024648.D

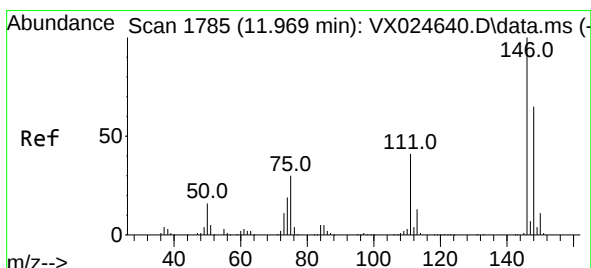
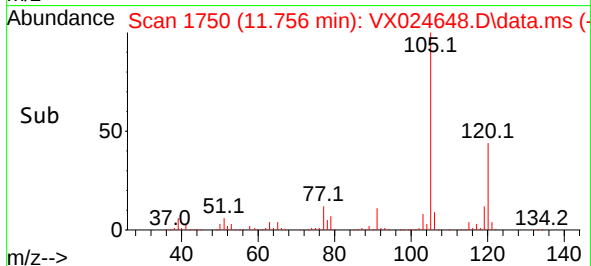
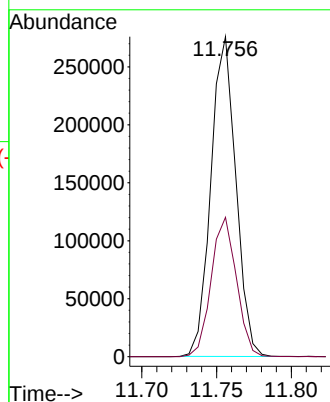
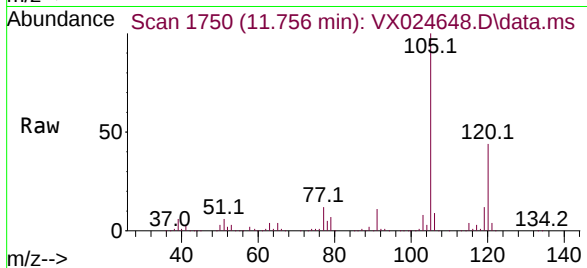
Acq: 07 Oct 2021 16:13

Tgt Ion:105 Resp: 320104

Ion Ratio Lower Upper

105 100

120 44.2 36.4 54.6



#64

1,3-Dichlorobenzene

Concen: 50.388 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

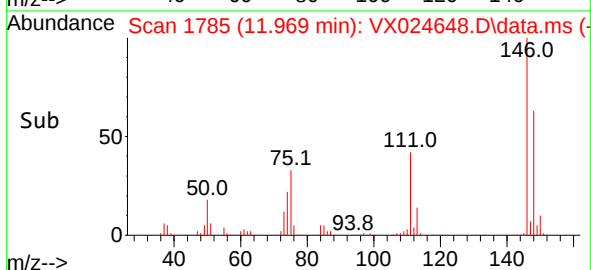
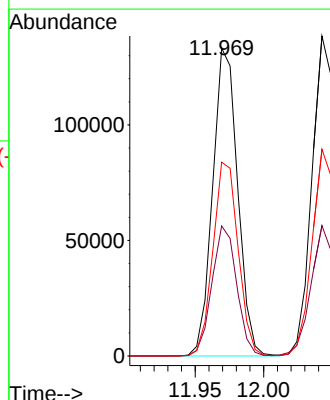
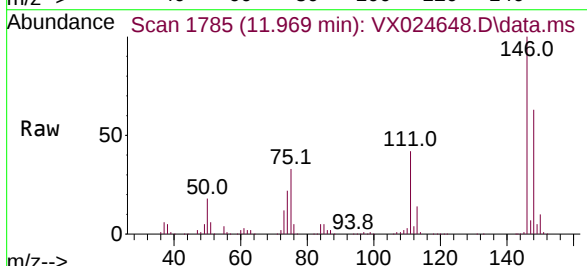
Tgt Ion:146 Resp: 168856

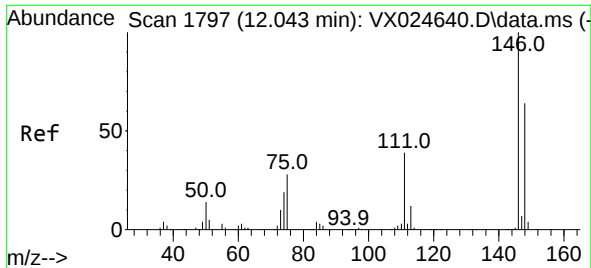
Ion Ratio Lower Upper

146 100

111 42.3 28.9 53.7

148 62.9 47.7 88.7

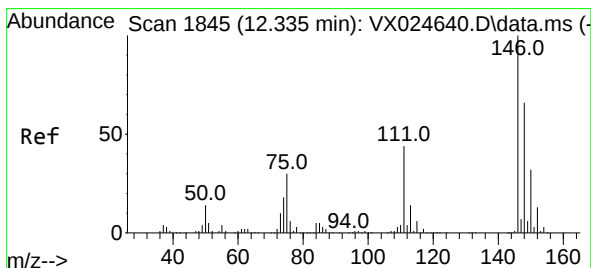
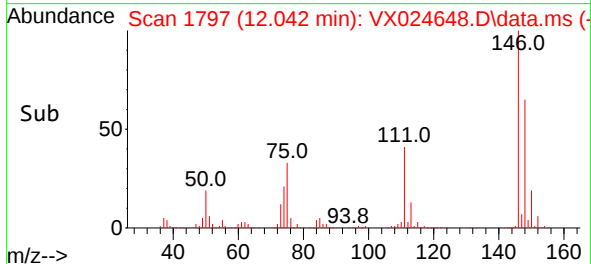
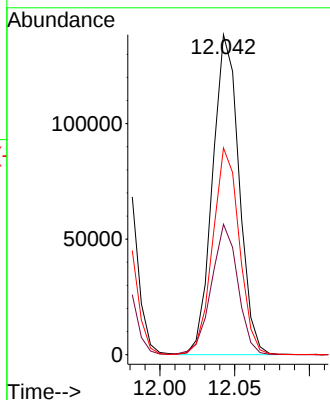
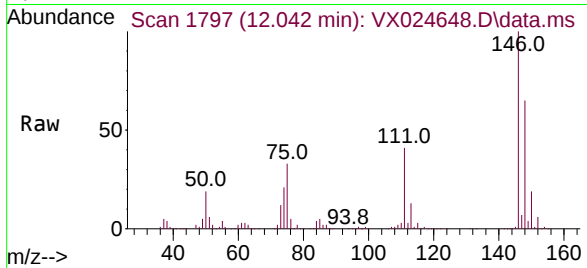




#65  
1,4-Dichlorobenzene  
Concen: 51.011 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

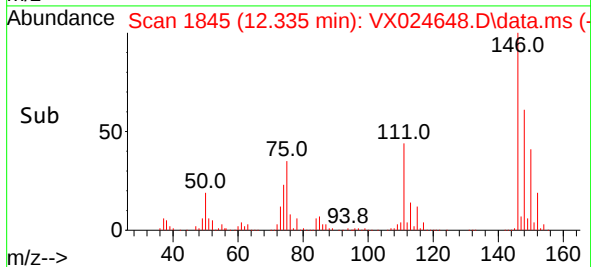
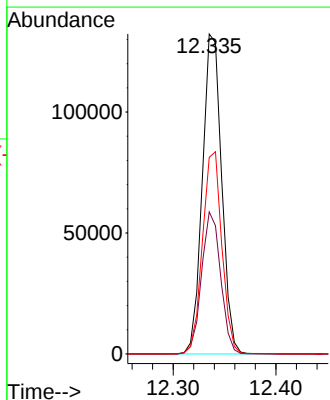
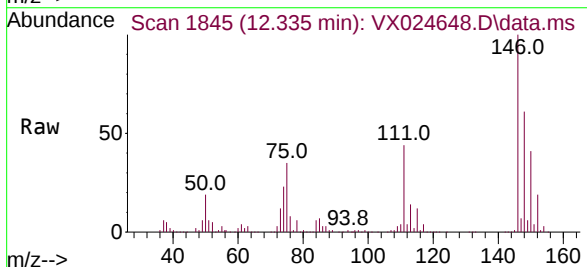
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

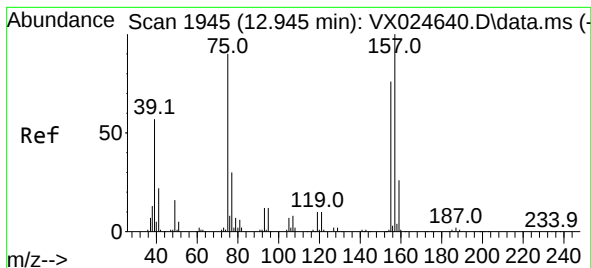
Tgt Ion:146 Resp: 170755  
Ion Ratio Lower Upper  
146 100  
111 40.7 28.7 53.3  
148 64.6 45.8 85.2



#67  
1,2-Dichlorobenzene  
Concen: 52.148 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

Tgt Ion:146 Resp: 172546  
Ion Ratio Lower Upper  
146 100  
111 44.4 33.8 50.8  
148 61.4 51.4 77.2





#68

1,2-Dibromo-3-chloropropane

Concen: 52.738 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion: 75 Resp: 30364

Ion Ratio Lower Upper

75 100

155 76.9 65.3 97.9

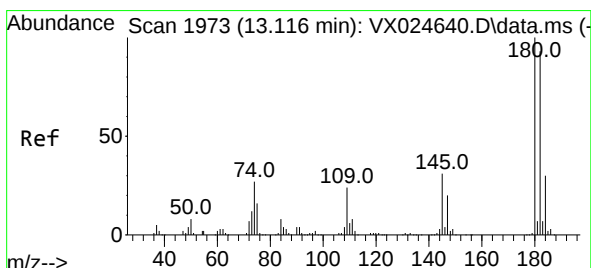
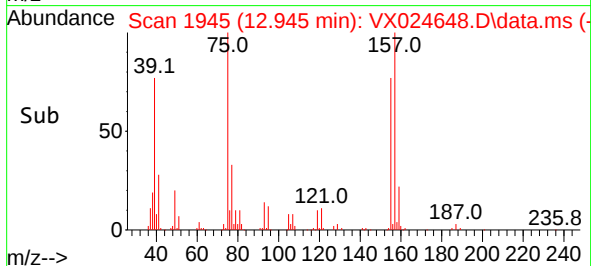
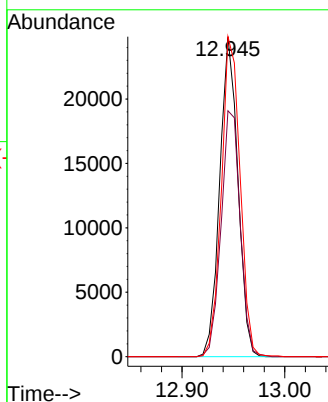
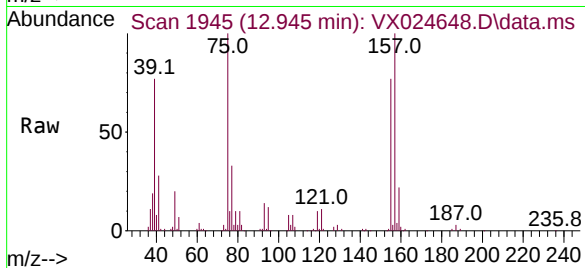
157 100.0 80.5 120.7

Instrument :

MSVOA\_X

ClientSampleId :

EW918MEMS



#69

1,3,5-Trichlorobenzene

Concen: 52.034 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX024648.D

Acq: 07 Oct 2021 16:13

Tgt Ion:180 Resp: 125252

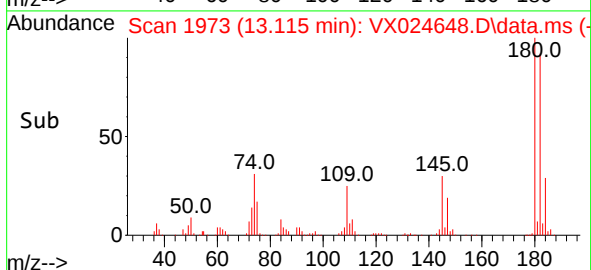
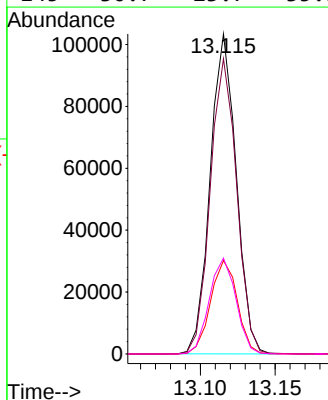
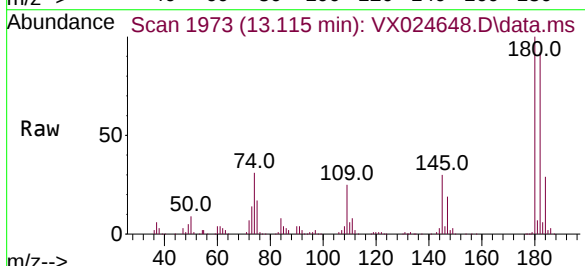
Ion Ratio Lower Upper

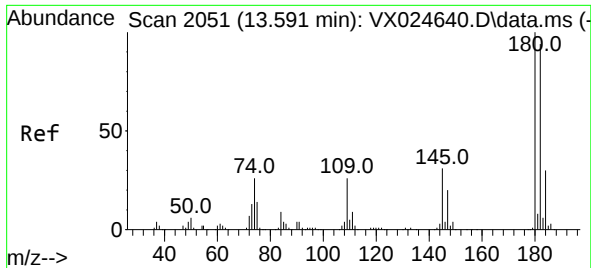
180 100

182 93.3 74.8 112.2

184 30.0 24.1 36.1

145 30.7 23.7 35.5

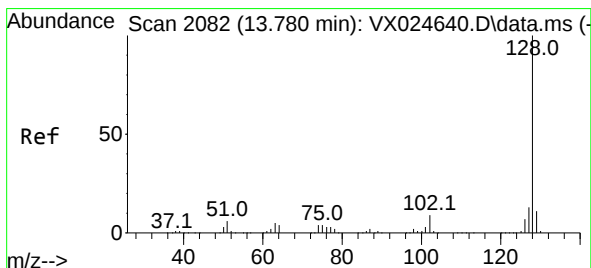
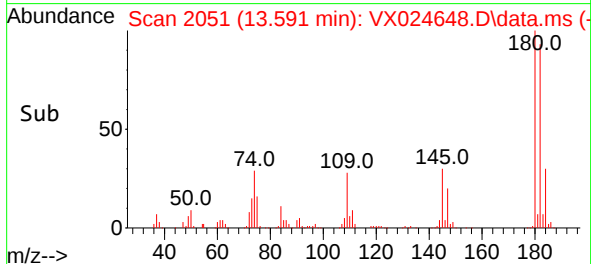
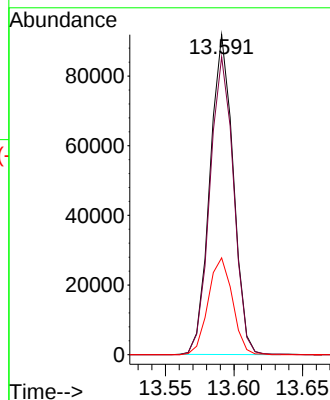
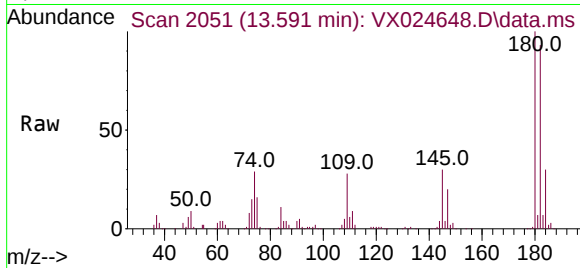




#70  
1,2,4-trichlorobenzene  
Concen: 53.225 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

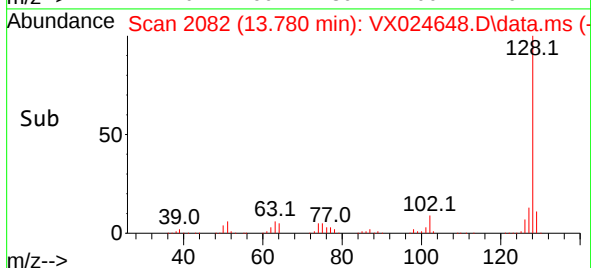
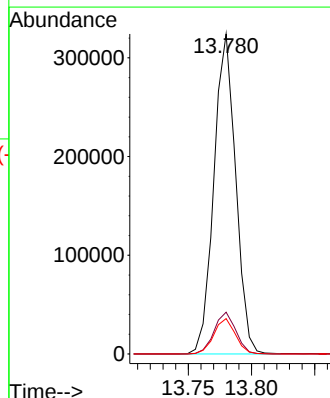
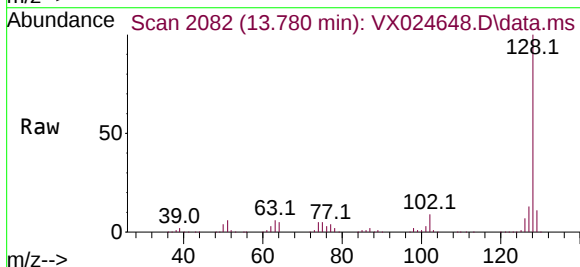
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW918MEMS

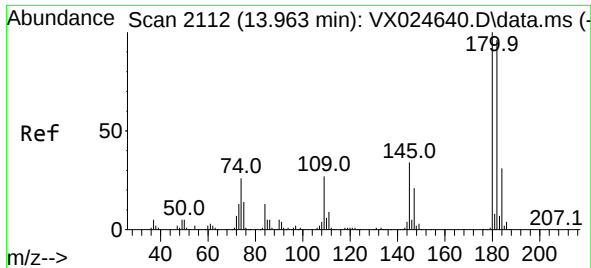
Tgt Ion:180 Resp: 108401  
Ion Ratio Lower Upper  
180 100  
182 94.7 74.3 111.5  
145 31.4 24.1 36.1



#71  
Naphthalene  
Concen: 57.072 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX024648.D  
Acq: 07 Oct 2021 16:13

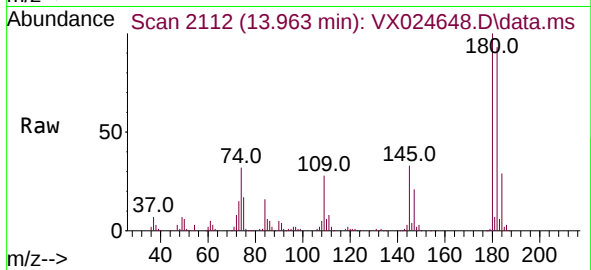
Tgt Ion:128 Resp: 388011  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.2  
129 11.0 8.6 13.0





#72  
 1,2,3-Trichlorobenzene  
 Concen: 54.780 ug/L  
 RT: 13.963 min Scan# 2112  
 Delta R.T. -0.000 min  
 Lab File: VX024648.D  
 Acq: 07 Oct 2021 16:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW918MEMS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 115125 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.2  | 74.6  | 112.0  |
| 145       | 33.2  | 25.6  | 38.4   |

