

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032822\  
 Data File : VY008070.D  
 Acq On : 28 Mar 2022 17:27  
 Operator : SY/MD  
 Sample : N2057-02  
 Misc : 6.91g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-EAST-SIDEWALL

Quant Time: Mar 28 18:37:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 16:26:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) Pentafluorobenzene       | 0.000  | 168  | 0        | 0.000 | ug/l   | -5.56    |
| 34) 1,4-Difluorobenzene     | 0.000  | 114  | 0        | 0.000 | ug/l   | -6.76    |
| 63) Chlorobenzene-d5        | 0.000  | 117  | 0        | 0.000 | ug/l   | -10.06   |
| 72) 1,4-Dichlorobenzene-d4  | 0.000  | 152  | 0        | 0.000 | ug/l   | -12.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.771  | 65   | 45       | 0.000 | ug/l   | -0.19    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 0.000% |          |
| 35) Dibromofluoromethane    | 0.000  | 113  | 0        | 0.000 | ug/l   |          |
| Spiked Amount               | 50.000 |      | Recovery | =     | 0.000% |          |
| 50) Toluene-d8              | 8.685  | 98   | 2847     | 0.000 | ug/l   | 0.03     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 0.000% |          |
| 62) 4-Bromofluorobenzene    | 11.093 | 95   | 53725    | 0.000 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 0.000% |          |

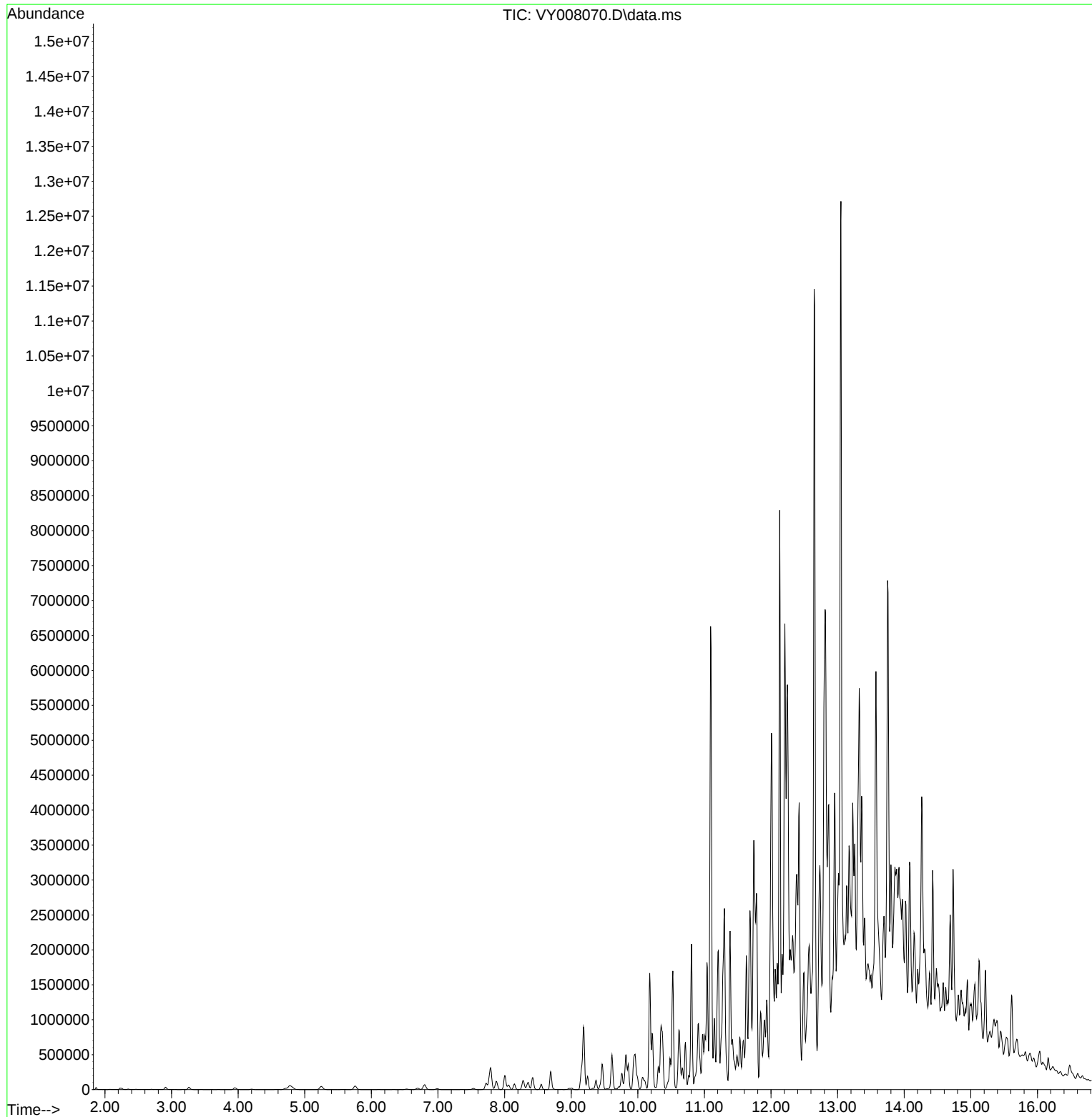
Target Compounds Qvalue

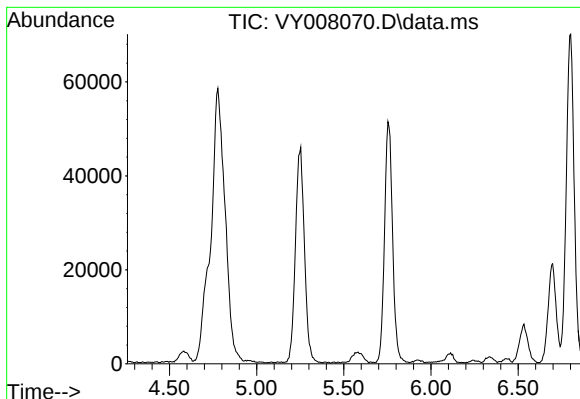
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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UST-7-EAST-SIDEWALL

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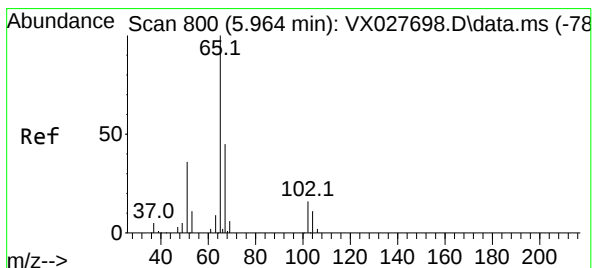
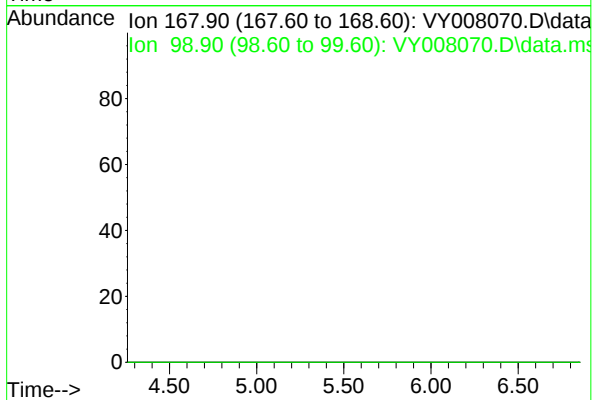




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 5.56 min  
  
Lab File: VY008070.D  
Acq: 28 Mar 2022 17:27

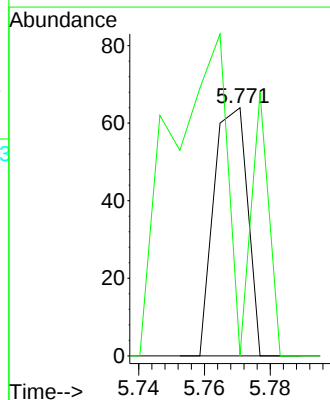
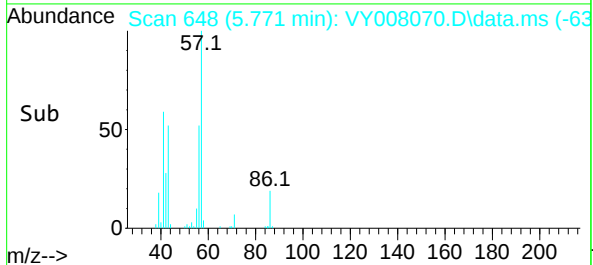
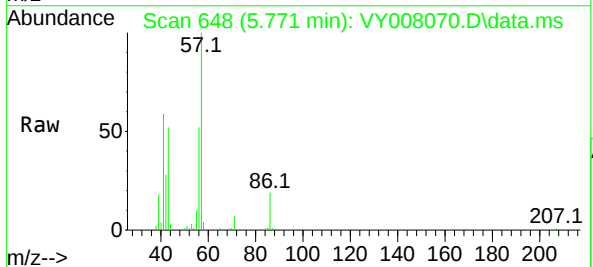
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-EAST-SIDEWALL

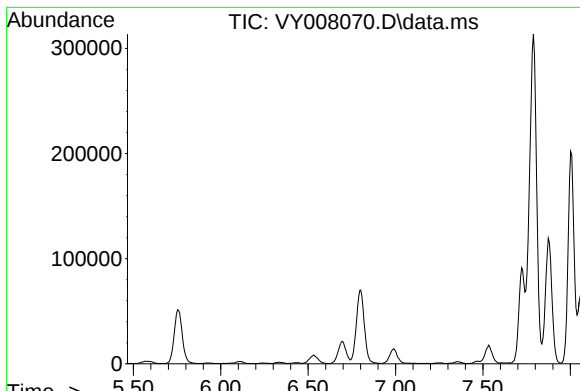
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 52.1



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
RT: 5.771 min Scan# 648  
Delta R.T. -0.193 min  
Lab File: VY008070.D  
Acq: 28 Mar 2022 17:27

Tgt Ion: 65 Resp: 45  
Ion Ratio Lower Upper  
65 100  
67 273.3 0.0 107.4#



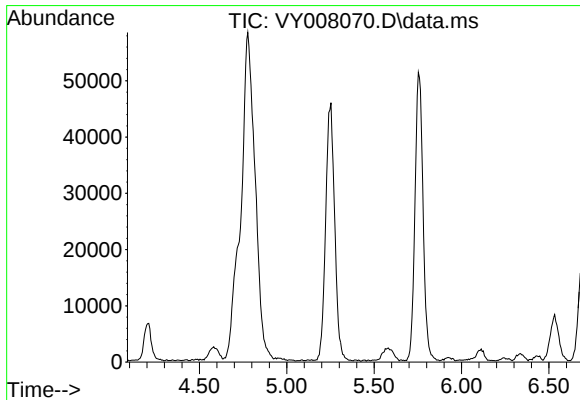
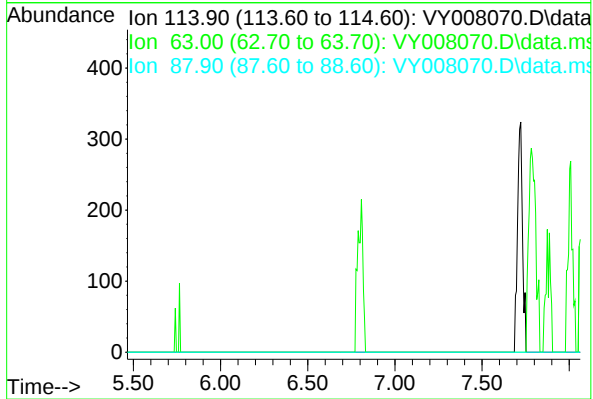


#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 6.76 min  
 Lab File: VY008070.D  
 Acq: 28 Mar 2022 17:27

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-EAST-SIDEWALL

Tgt Ion: 114  

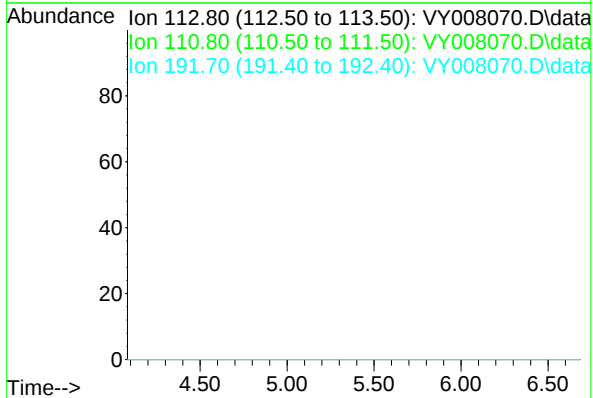
| Sig | Exp Ratio |
|-----|-----------|
| 114 | 100       |
| 63  | 18.4      |
| 88  | 16.2      |

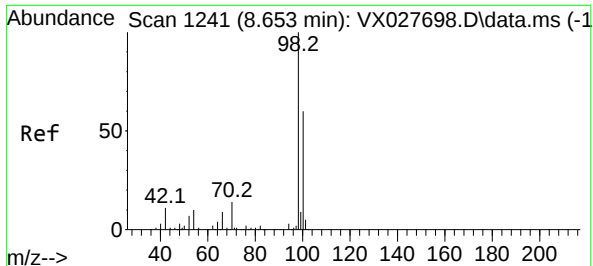


#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 5.38 min  
 Lab File: VY008070.D  
 Acq: 28 Mar 2022 17:27

Tgt Ion: 113  

| Sig | Exp Ratio |
|-----|-----------|
| 113 | 100       |
| 111 | 103.5     |
| 192 | 21.1      |

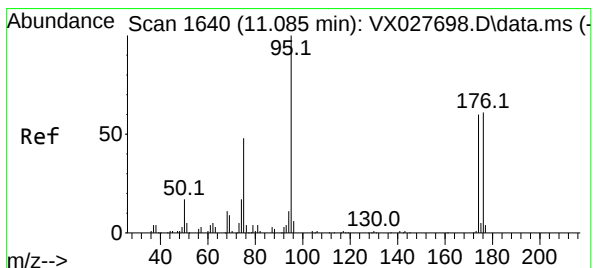
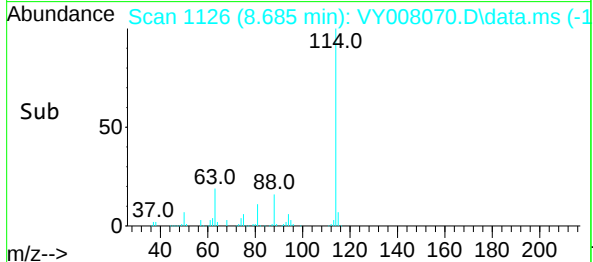
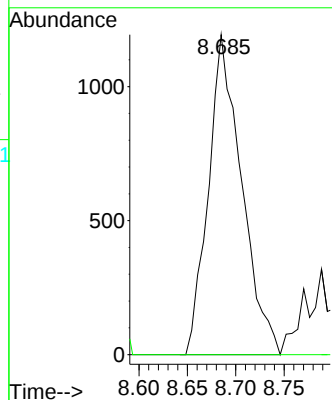
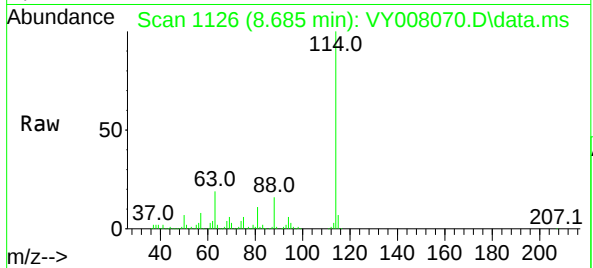




#50  
Toluene-d8  
Concen: 0.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.032 min  
Lab File: VY008070.D  
Acq: 28 Mar 2022 17:27

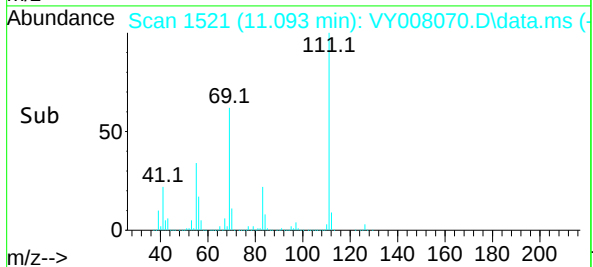
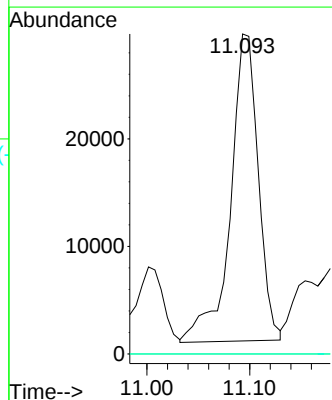
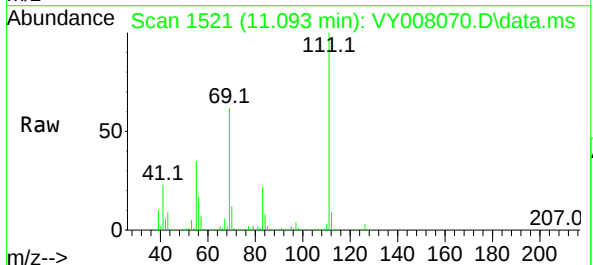
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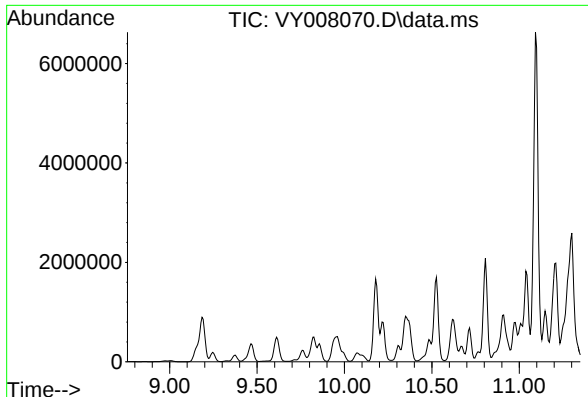
Tgt Ion: 98 Resp: 2847  
Ion Ratio Lower Upper  
98 100  
100 0.0 52.6 78.8#



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.008 min  
Lab File: VY008070.D  
Acq: 28 Mar 2022 17:27

Tgt Ion: 95 Resp: 53725  
Ion Ratio Lower Upper  
95 100  
174 0.0 0.0 163.0  
176 0.0 0.0 155.0



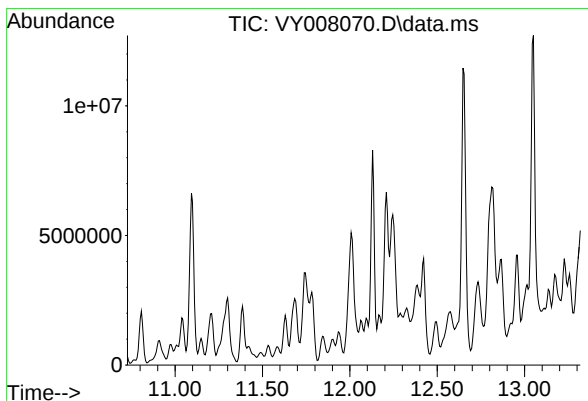
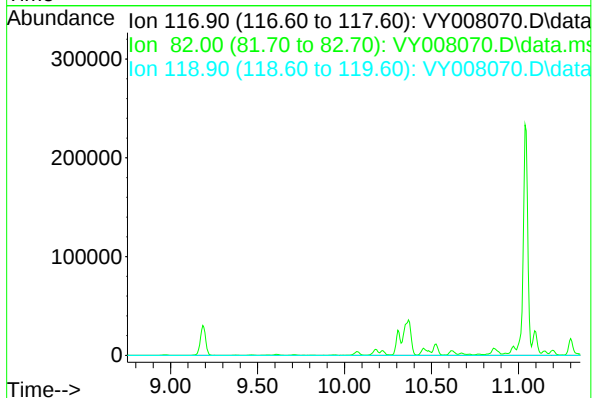


#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 10.06 min  
 Lab File: VY008070.D  
 Acq: 28 Mar 2022 17:27

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-EAST-SIDEWALL

Tgt Ion: 117  

| Sig | Exp Ratio |
|-----|-----------|
| 117 | 100       |
| 82  | 52.3      |
| 119 | 31.0      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 12.02 min  
 Lab File: VY008070.D  
 Acq: 28 Mar 2022 17:27

Tgt Ion: 152  

| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 115 | 75.1      |
| 150 | 169.1     |

