

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111522\  
 Data File : VY011459.D  
 Acq On : 15 Nov 2022 15:36  
 Operator : KP/MD  
 Sample : N5608-01  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NP-1

Quant Time: Nov 16 00:21:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 10 17:47:26 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  | -7.79    |
| 34) 1,4-Difluorobenzene    | 0.000  | 114  | 0        | 0.000  | ug/l  | -8.69    |
| 63) Chlorobenzene-d5       | 11.502 | 117  | 19       | 50.000 | ug/l  | # 0.01   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000  | 152  | 0        | 0.000  | ug/l  | -13.42   |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 0.000  | 65    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 0.000%# |
| 35) Dibromofluoromethane    | 0.000  | 113   | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 0.000%# |
| 50) Toluene-d8              | 0.000  | 98    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 0.000%# |

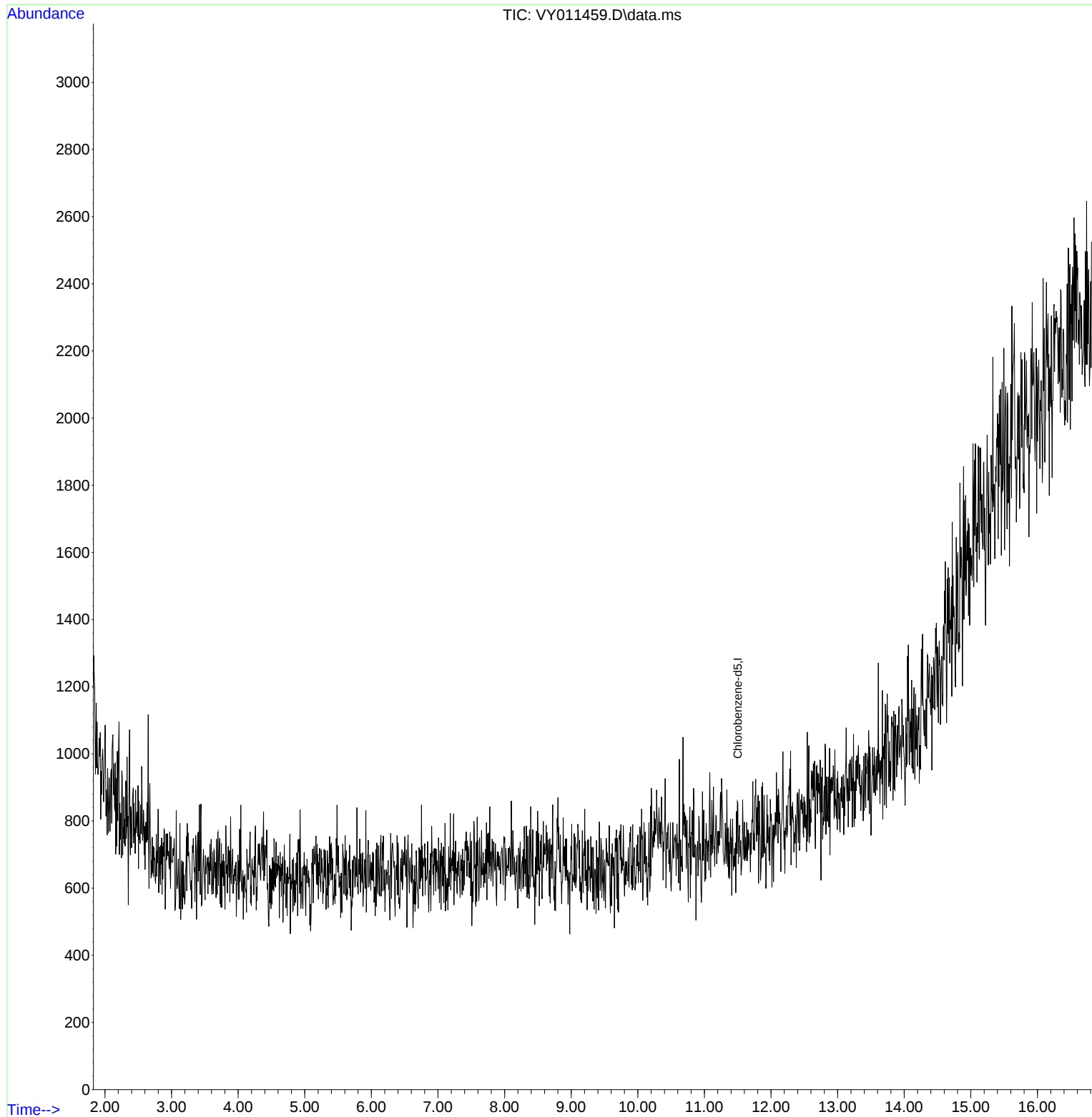
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

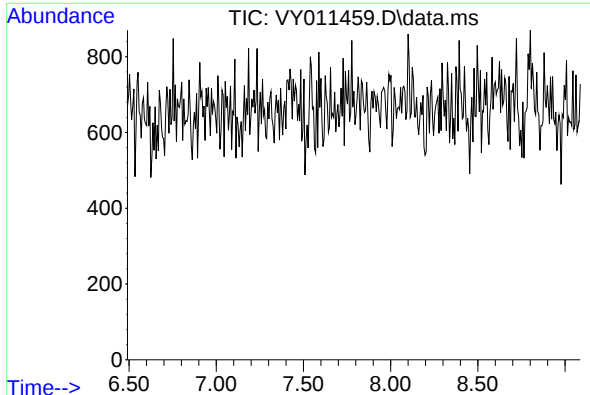
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Nov 10 17:47:26 2022  
Response via : Initial Calibration

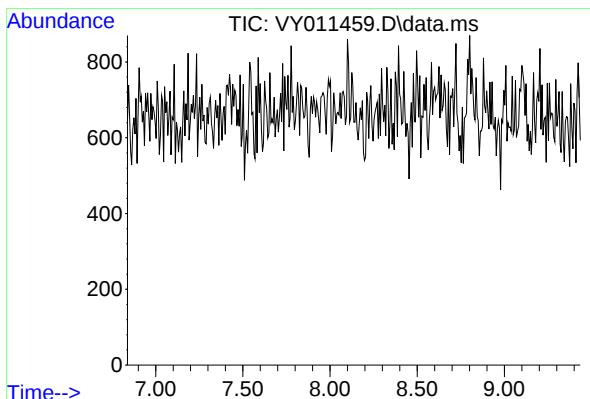
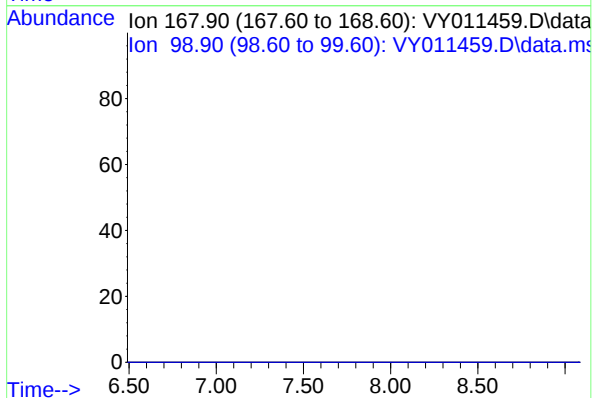




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.79 min  
  
Lab File: VY011459.D  
Acq: 15 Nov 2022 15:36

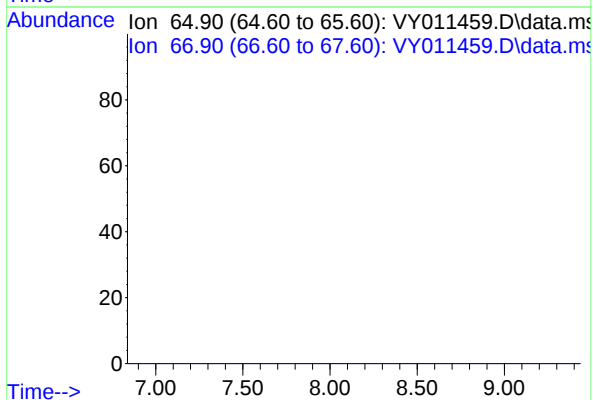
Instrument :  
MSVOA\_Y  
ClientSampleId :  
NP-1

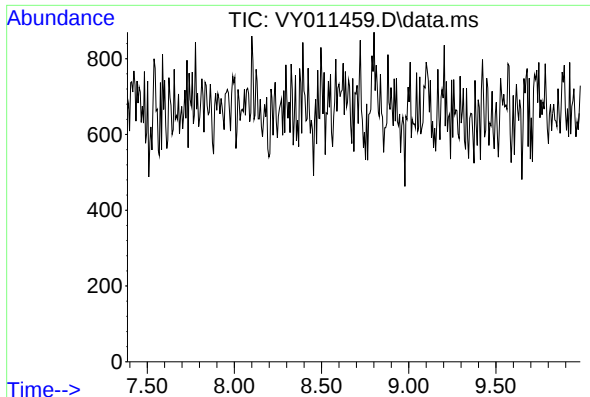
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 58.6



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.14 min  
  
Lab File: VY011459.D  
Acq: 15 Nov 2022 15:36

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 49.7



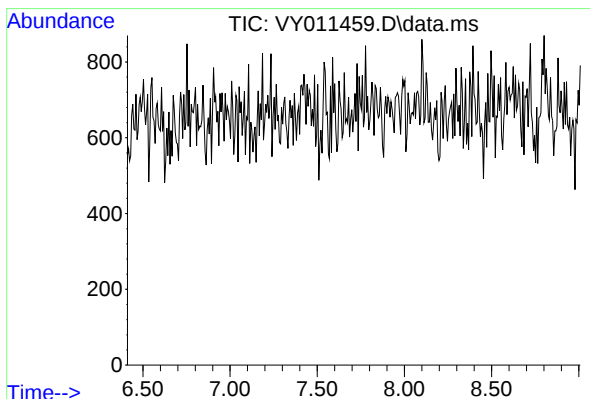
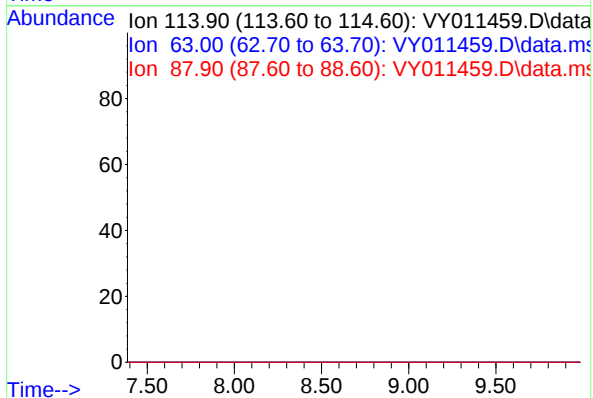


#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 8.69 min  
 Lab File: VY011459.D  
 Acq: 15 Nov 2022 15:36

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NP-1

Tgt Ion: 114  

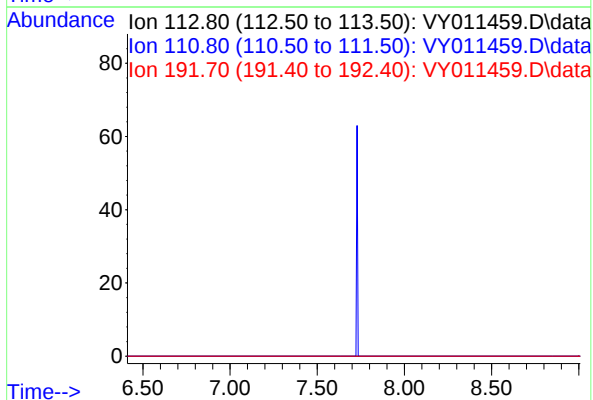
| Sig | Exp Ratio |
|-----|-----------|
| 114 | 100       |
| 63  | 21.6      |
| 88  | 15.9      |

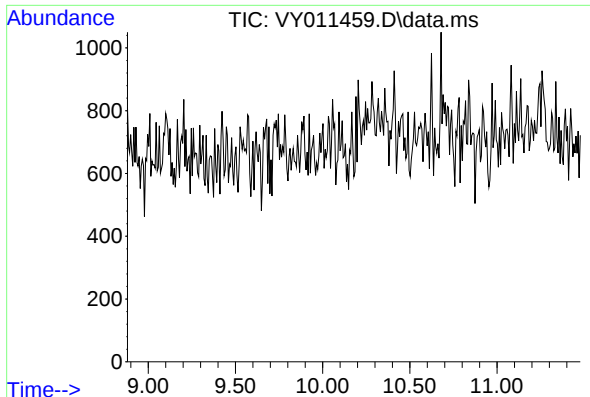


#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 7.71 min  
 Lab File: VY011459.D  
 Acq: 15 Nov 2022 15:36

Tgt Ion: 113  

| Sig | Exp Ratio |
|-----|-----------|
| 113 | 100       |
| 111 | 103.3     |
| 192 | 22.0      |

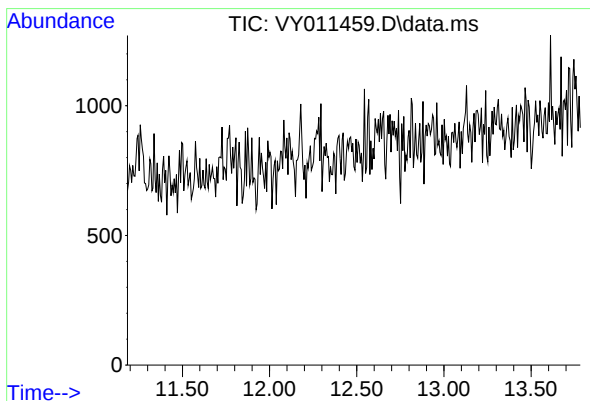
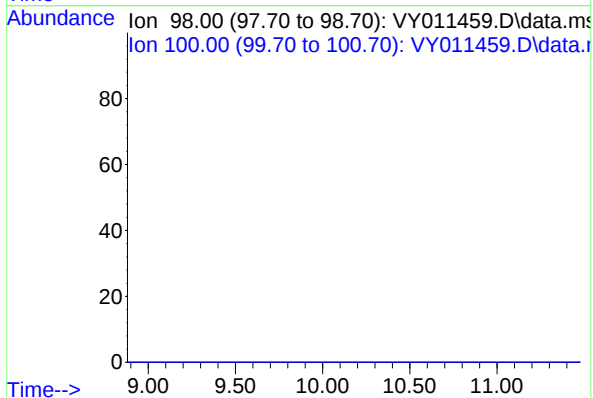




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.18 min  
  
Lab File: VY011459.D  
Acq: 15 Nov 2022 15:36

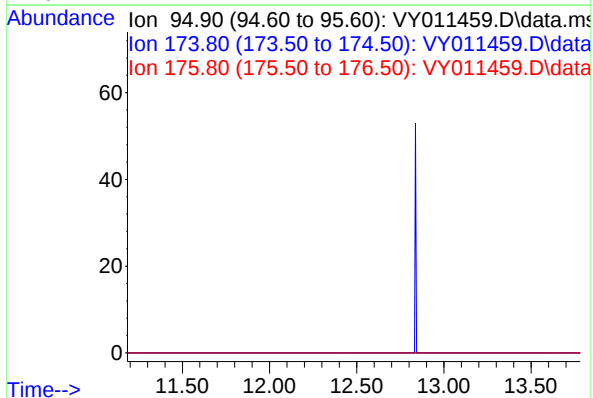
Instrument :  
MSVOA\_Y  
ClientSampleId :  
NP-1

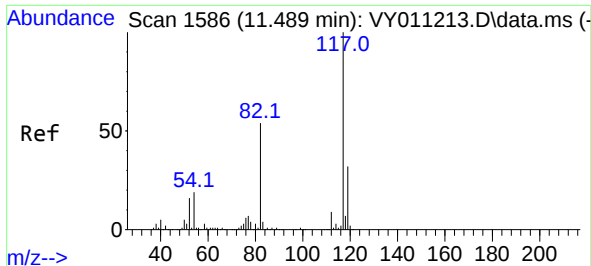
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 62.7



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.48 min  
  
Lab File: VY011459.D  
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Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 88.5  
176 87.9

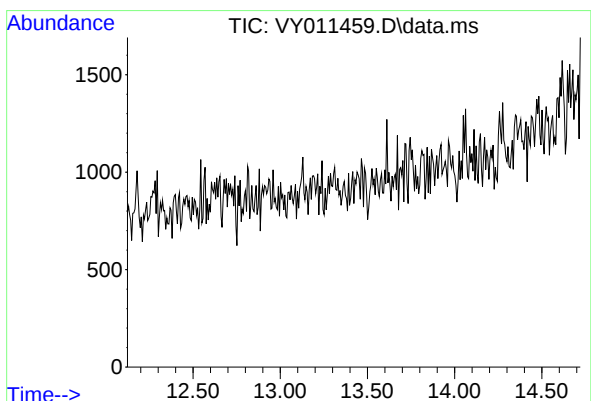
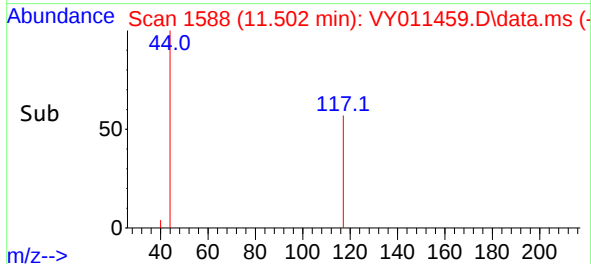
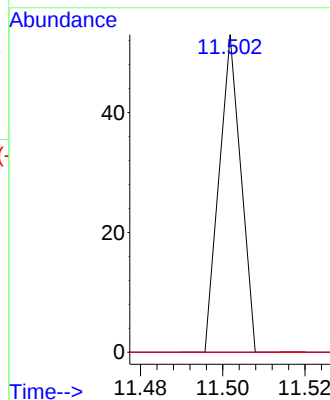
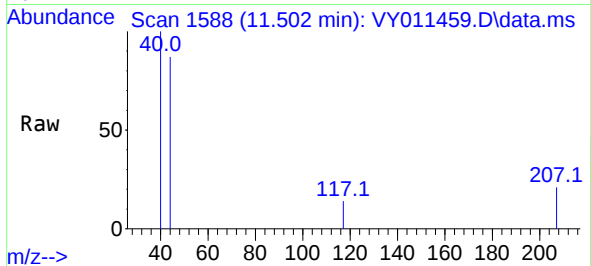




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY011459.D  
Acq: 15 Nov 2022 15:36

Instrument :  
MSVOA\_Y  
ClientSampleId :  
NP-1

Tgt Ion:117 Resp: 19  
Ion Ratio Lower Upper  
117 100  
82 0.0 43.0 64.4#  
119 0.0 25.4 38.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ug/l  
Expected RT: 13.42 min

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Tgt Ion: 152  
Sig Exp Ratio  
152 100  
115 56.5  
150 173.8

