

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\  
 Data File : VL036462.D  
 Acq On : 24 Mar 2021 10:51  
 Operator :  
 Sample : VL0324ABL01  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0324ABL01

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021  
 Supervised By :Mahesh Dadoda 03/25/2021

Quant Time: Mar 25 08:20:28 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Wed Mar 03 14:18:24 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1671071  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 3686938  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 3392174  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2711423  | 9.72     | ppbv | -0.02  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 97.20% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------|------|------|----------|-------|-------|--------|
| 15) Acetone            | 3.86 | 43   | 54269m   | 0.284 | ppbv  |        |
| 20) Methylene Chloride | 4.33 | 84   | 11213m   | 0.174 | ppbv  |        |

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

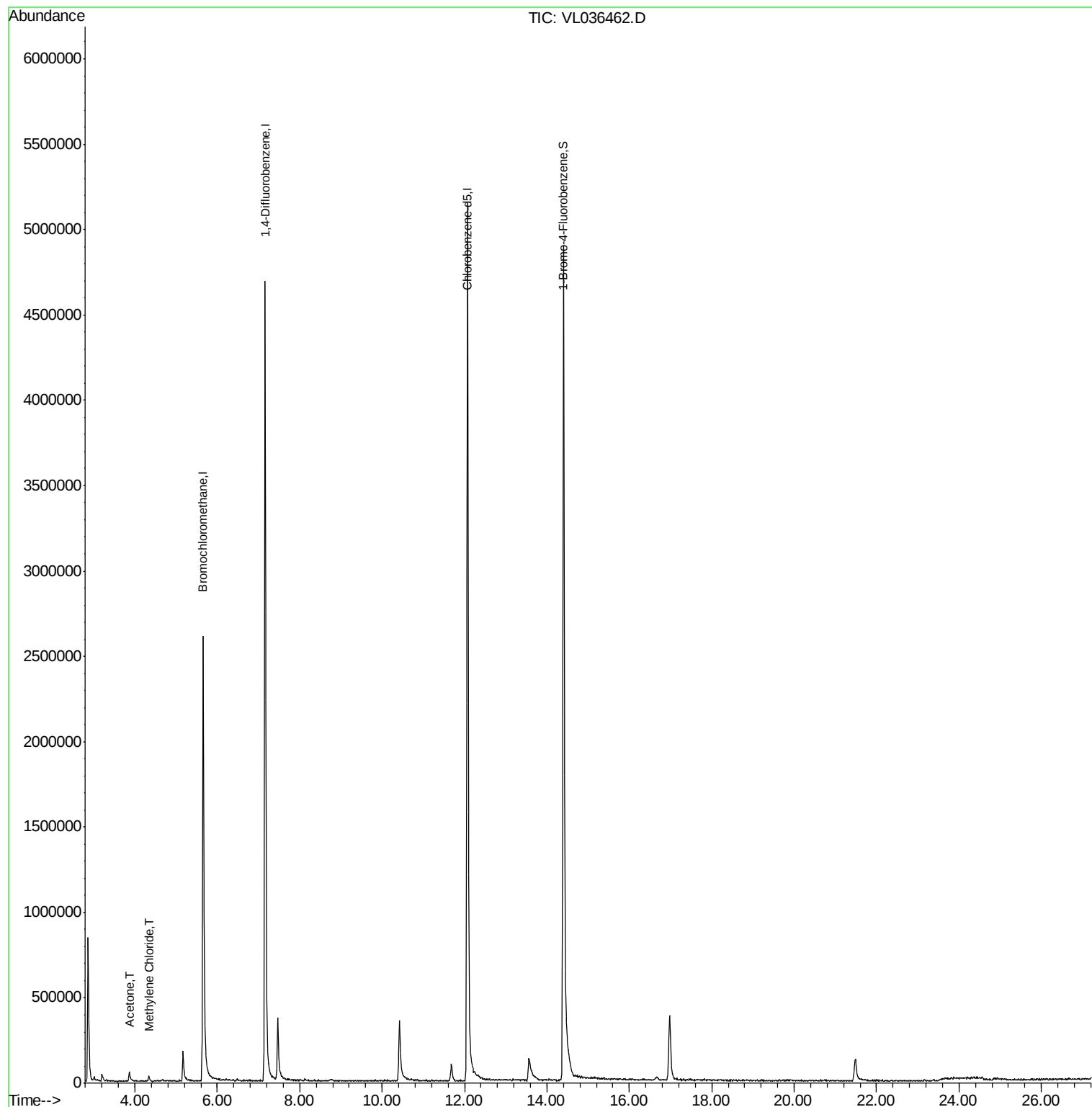
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032421\  
Data File : VL036462.D  
Acq On : 24 Mar 2021 10:51  
Operator :  
Sample : VL0324ABL01  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

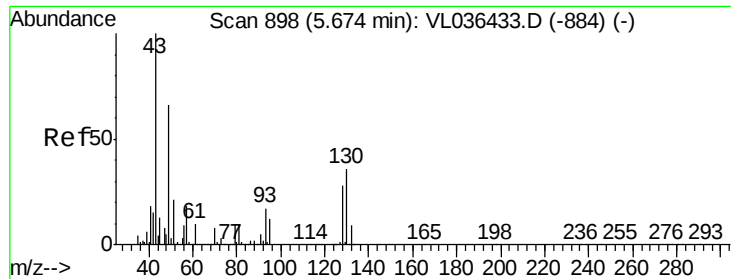
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0324ABL01

Manual Integrations  
APPROVED

Quant Time: Mar 25 08:20:28 2021  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
QLast Update : Wed Mar 03 14:18:24 2021  
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 03/25/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA\_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2021 10:51

Tot Ion:

Ion Ratio

49 100

128 42.

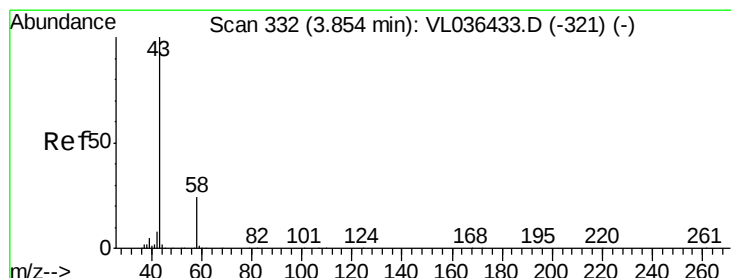
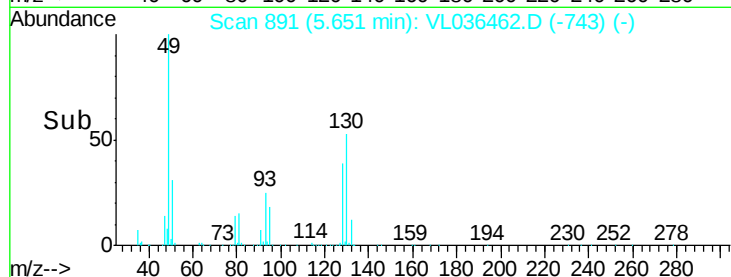
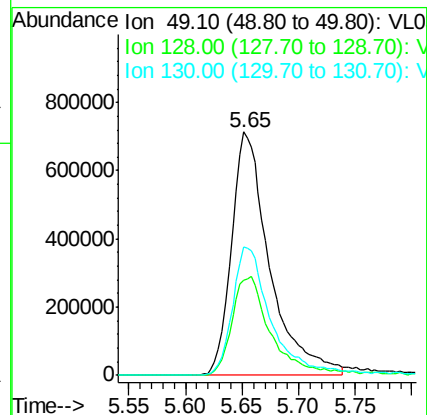
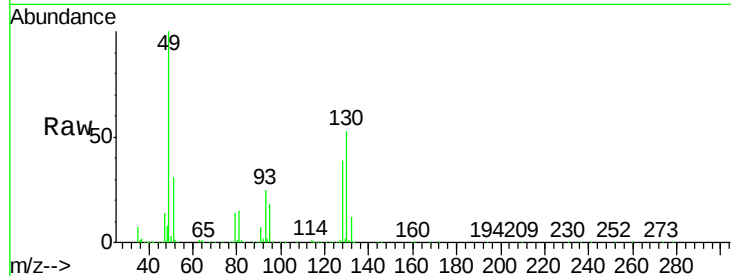
130 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#15

Acetone

Concen: 0.284 ppbv m

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL036462.D

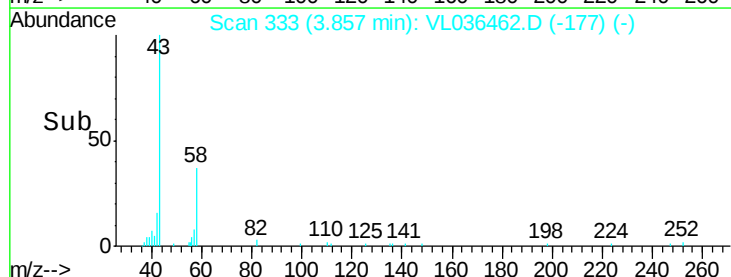
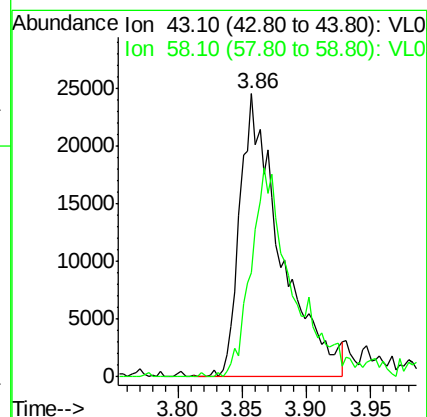
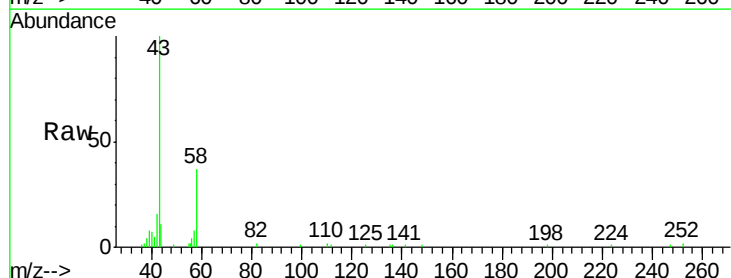
Acq: 24 Mar 2021 10:51

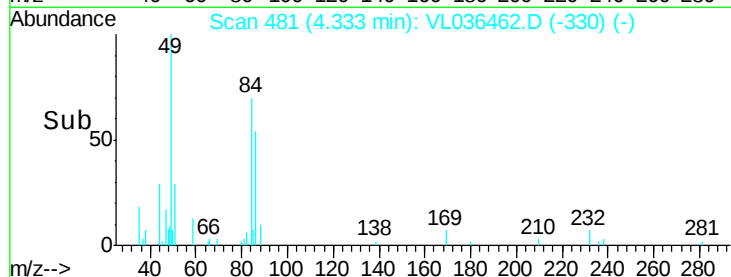
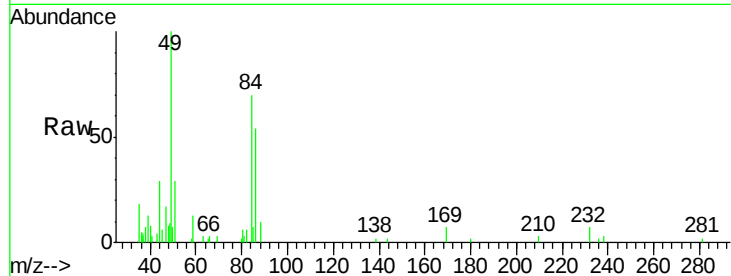
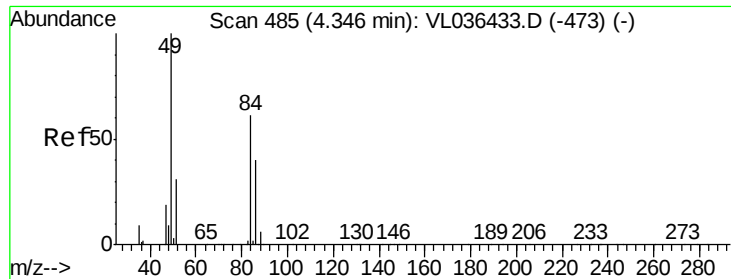
Tgt Ion: 43 Resp: 54269

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



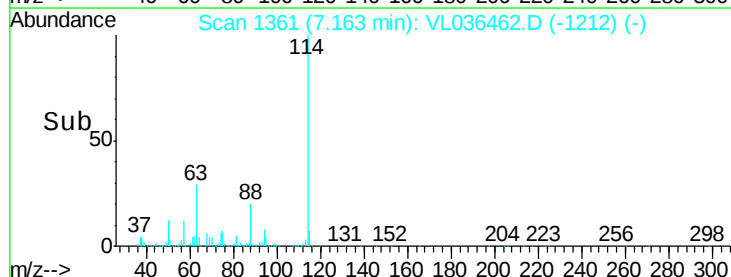
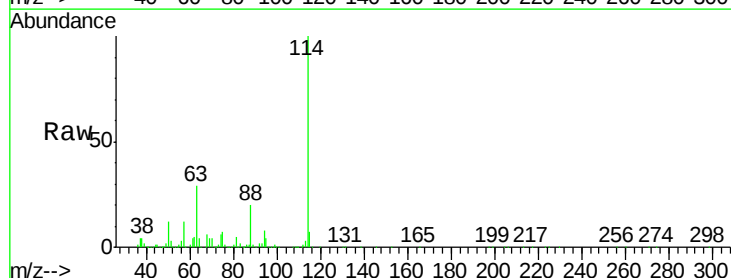
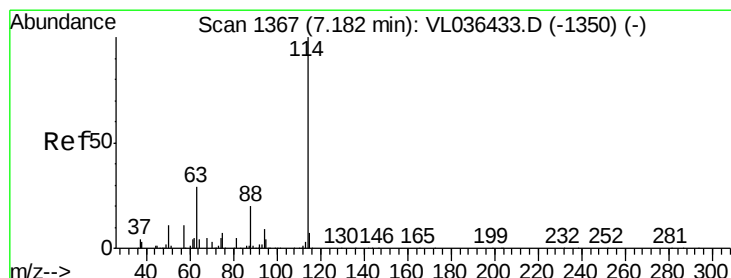
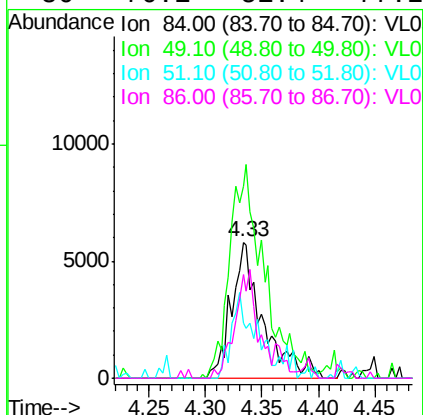


#20  
Methvlene Chloride  
Concen: 0.174 ppbv m  
RT: 4.33  
Instrument : MSVOA\_L  
Delta R.T. :  
Lab File: ClientSampleId :  
Acq: 24 Mar 2021 10:51

Tot Ion:  
Ion Ratio  
84 100  
49 141.  
51 40.  
86 76.1 51.4 77.2

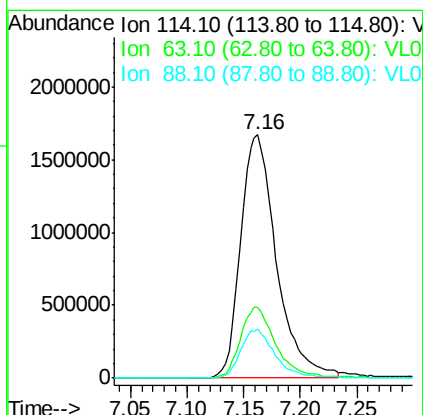
Manual Integrations  
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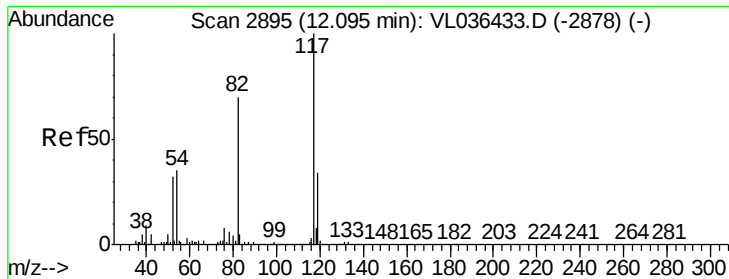
Reviewed By :Semsettin Yesilyurt 03/25/2021  
Supervised By :Mahesh Dadoda 03/25/2021



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.16 min Scan# 1361  
Delta R.T. -0.02 min  
Lab File: VL036462.D  
Acq: 24 Mar 2021 10:51

Tgt Ion:114 Resp: 3686938  
Ion Ratio Lower Upper  
114 100  
63 29.2 23.3 34.9  
88 19.7 15.6 23.4



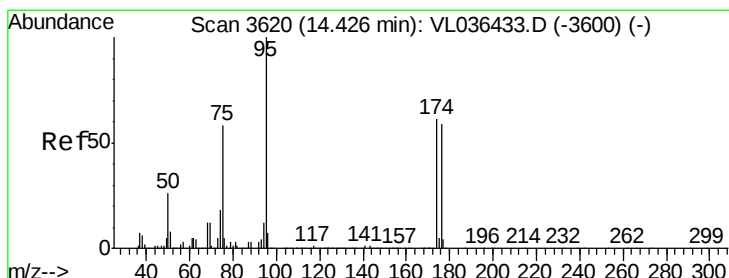
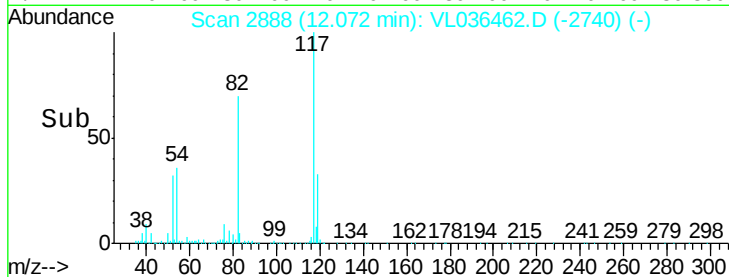
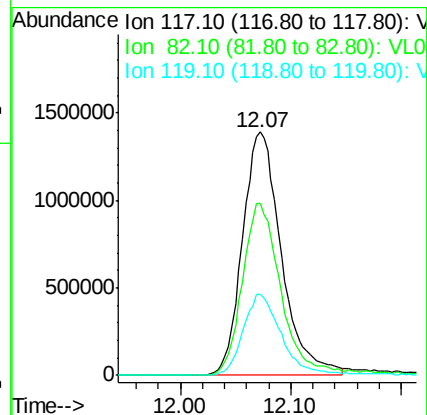
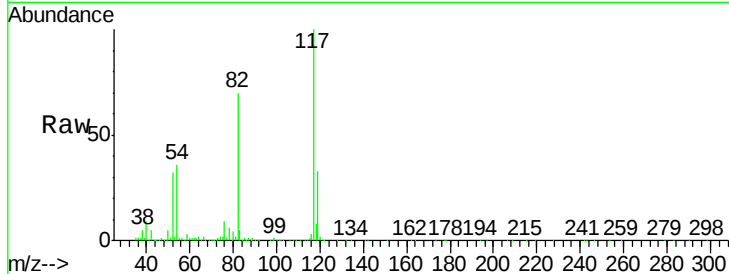


#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.07 min  
Instrument: MSVOA\_1  
Delta R.T.:  
Lab File: ClientSampled :  
Acq: 24 Mar 2021 10:51

Tot Ion: 1  
Ion Ratio  
117 100  
82 72.  
119 33.

Manual Integrations  
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#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.720 ppbv  
RT: 14.41 min Scan# 3614  
Delta R.T. -0.02 min  
Lab File: VL036462.D  
Acq: 24 Mar 2021 10:51

Tgt Ion: 95 Resp: 2711423  
Ion Ratio Lower Upper  
95 100  
174 66.8 51.0 76.4  
175 4.6 3.8 5.6

