

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
 Data File : VU048689.D  
 Acq On : 27 May 2022 13:30  
 Operator : SY/MD  
 Sample : N3064-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DUP-X

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/31/2022  
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 28 00:17:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.375          | 168  | 195824              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250          | 114  | 320211              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.417          | 117  | 330956              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812         | 152  | 182205              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.703          | 65   | 164793              | 56.035 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 112.060% |        |       |          |
| 35) Dibromofluoromethane    | 5.292          | 113  | 140740              | 61.608 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 123.220% |        |       |          |
| 50) Toluene-d8              | 7.899          | 98   | 418957              | 51.161 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 102.320% |        |       |          |
| 62) 4-Bromofluorobenzene    | 10.632         | 95   | 178546              | 57.651 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 115.300% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.629          | 43   | 7464                | 4.980  | ug/l  | 98       |
| 22) Diisopropyl ether       | 4.002          | 45   | 4650m               | 0.653  | ug/l  |          |
| -----                       |                |      |                     |        |       |          |

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

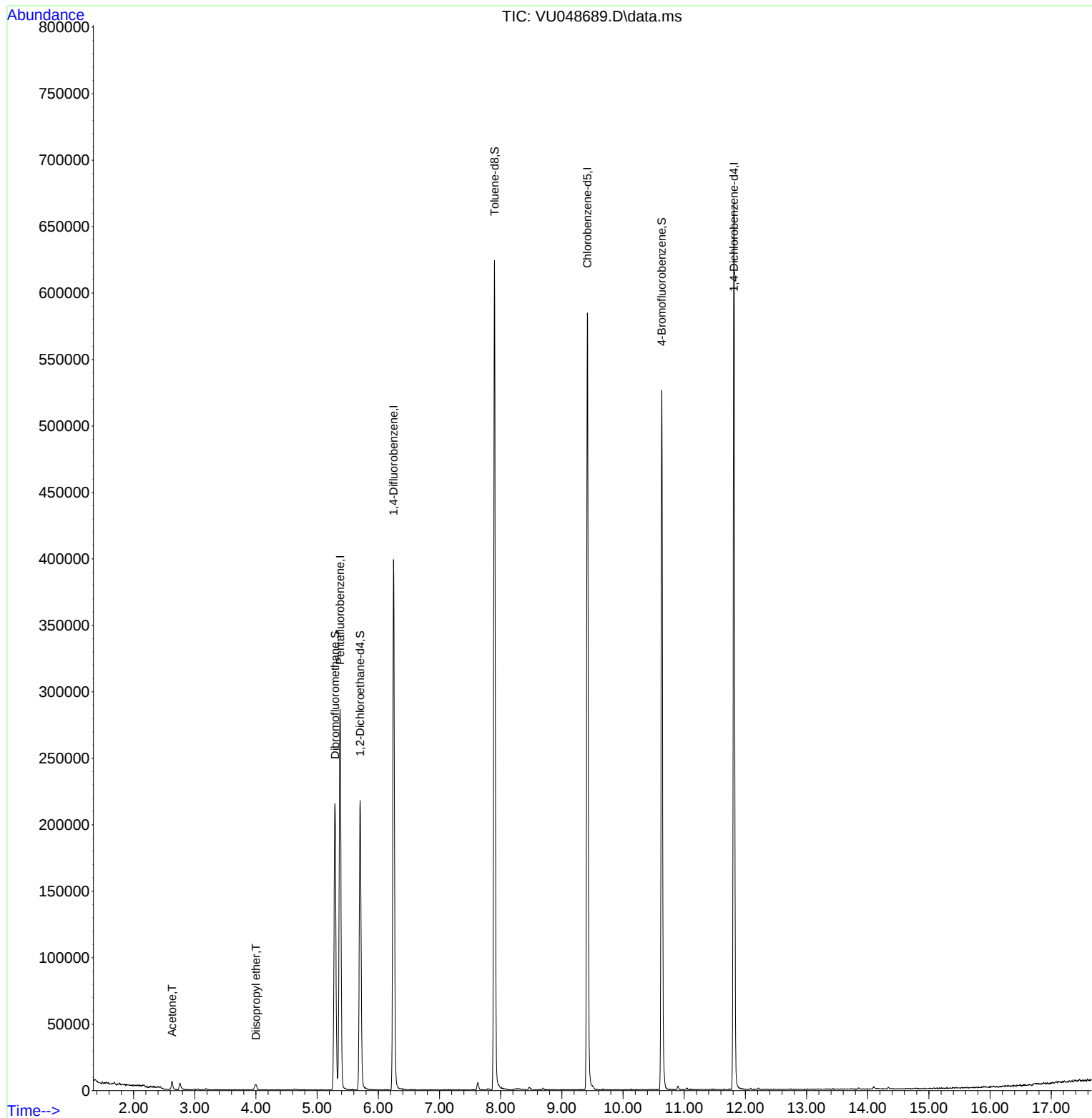
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048689.D  
Acq On : 27 May 2022 13:30  
Operator : SY/MD  
Sample : N3064-05  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

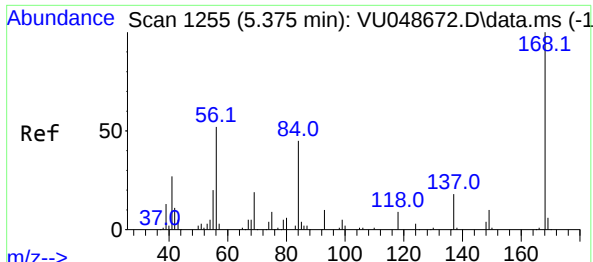
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP-X

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/31/2022  
Supervised By :Mahesh Dadoda 05/31/2022

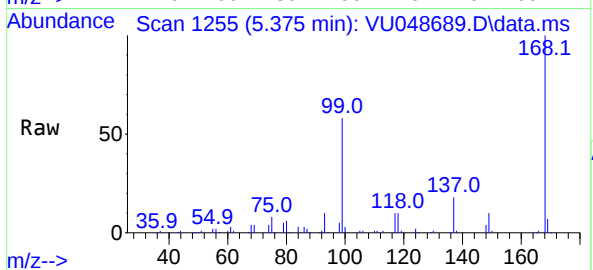
Quant Time: May 28 00:17:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30

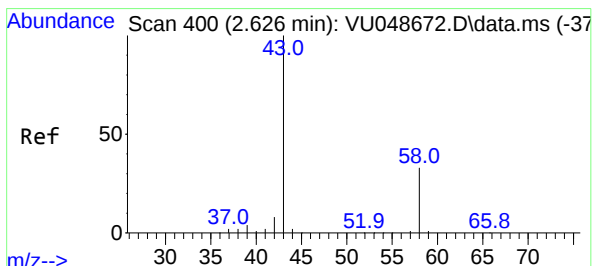
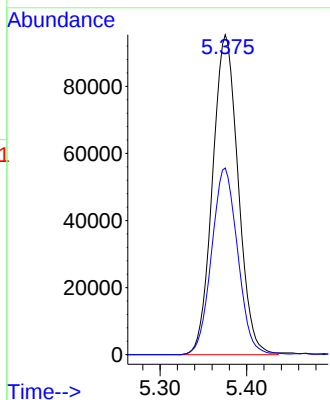
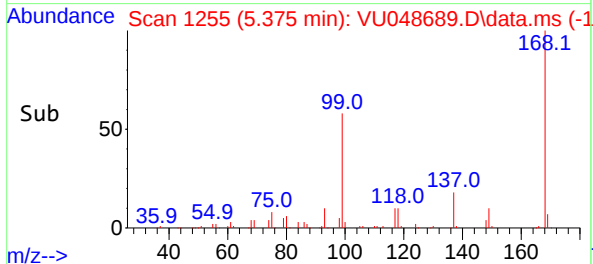
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP-X



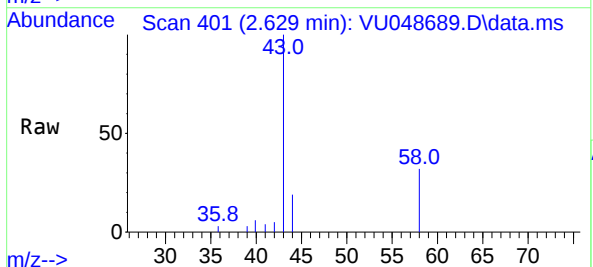
Tgt Ion:168 Resp: 195824  
Ion Ratio Lower Upper  
168 100  
99 58.4 49.3 73.9

Manual Integrations  
APPROVED

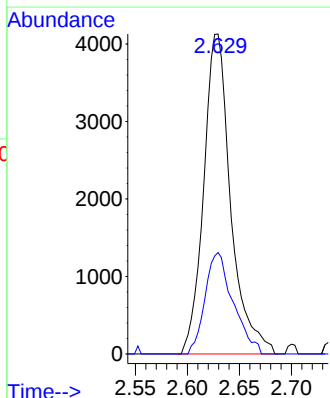
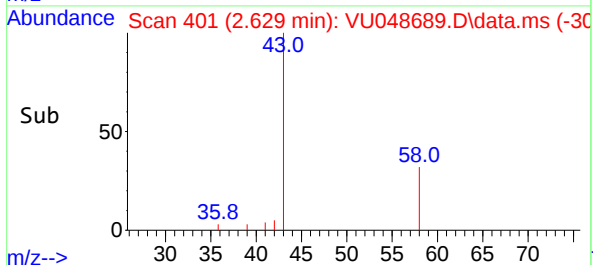
Reviewed By :John Carlone 05/31/2022  
Supervised By :Mahesh Dadoda 05/31/2022

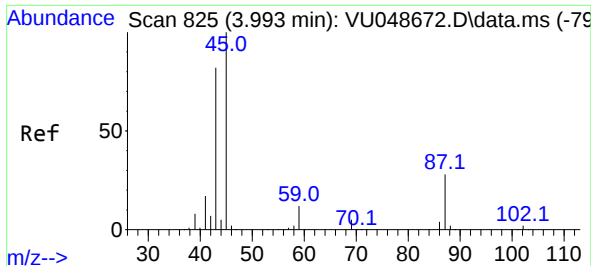


#16  
Acetone  
Concen: 4.980 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.003 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30



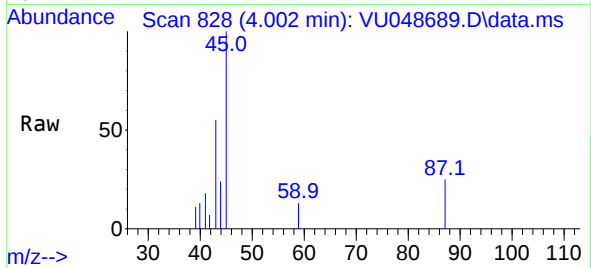
Tgt Ion: 43 Resp: 7464  
Ion Ratio Lower Upper  
43 100  
58 31.7 26.3 39.5





#22  
Diisopropyl ether  
Concen: 0.653 ug/l m  
RT: 4.002 min Scan# 81  
Delta R.T. 0.010 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30

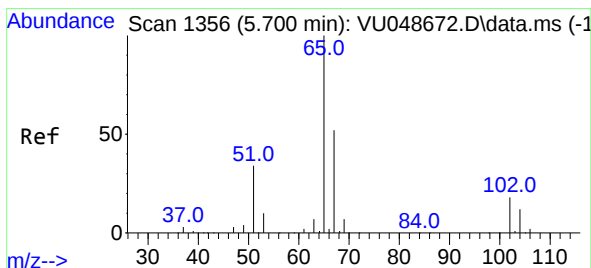
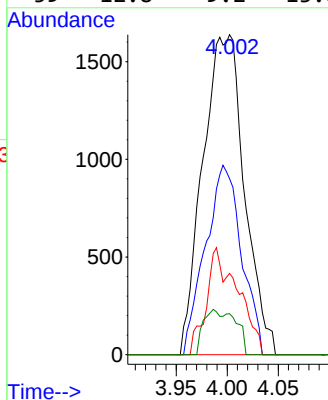
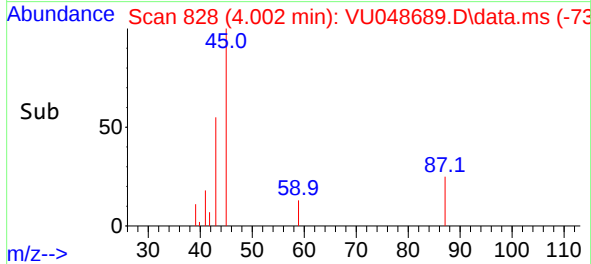
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP-X



Tgt Ion: 45 Resp: 4650  
Ion Ratio Lower Upper  
45 100  
43 55.0 65.2 97.8  
87 25.4 22.7 34.1  
59 12.8 9.2 13.8

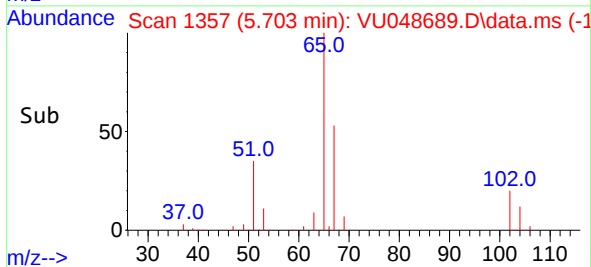
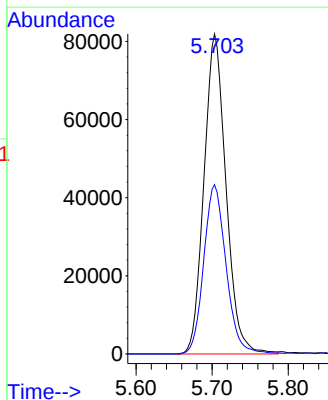
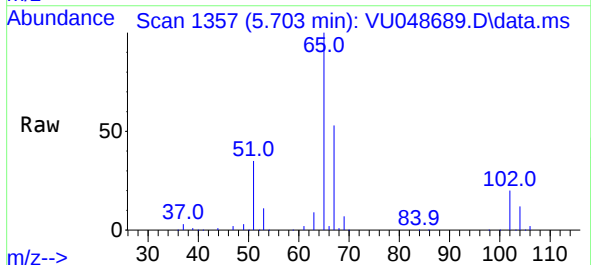
Manual Integrations  
APPROVED

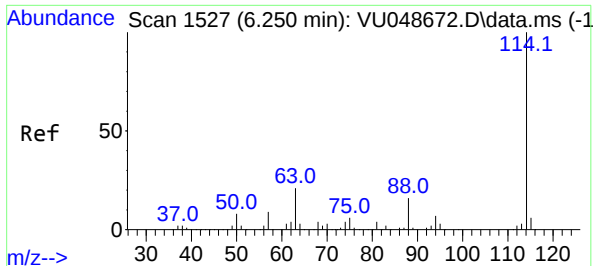
Reviewed By :John Carlone 05/31/2022  
Supervised By :Mahesh Dadoda 05/31/2022



#33  
1,2-Dichloroethane-d4  
Concen: 56.035 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. 0.003 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30

Tgt Ion: 65 Resp: 164793  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048689.D

Acq: 27 May 2022 13:30

Instrument :

MSVOA\_U

ClientSampleId :

DUP-X

Tgt Ion:114 Resp: 32021

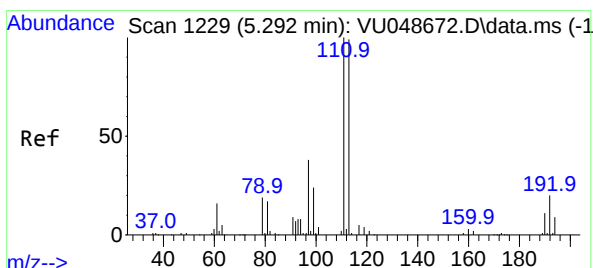
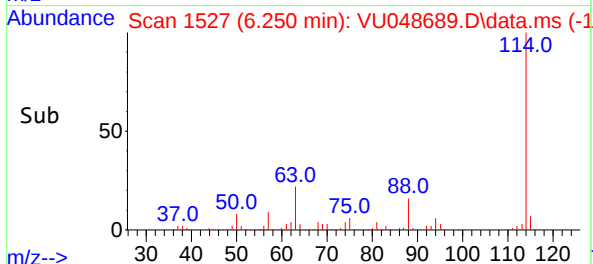
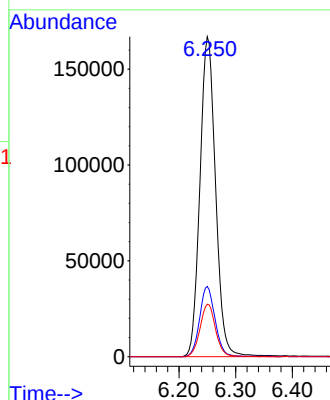
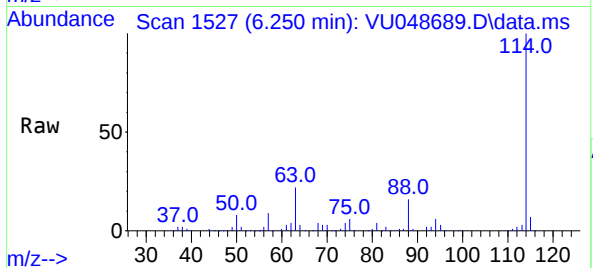
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.0  | 0.0   | 42.6  |
| 88  | 16.4  | 0.0   | 32.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#35

Dibromofluoromethane

Concen: 61.608 ug/l

RT: 5.292 min Scan# 1229

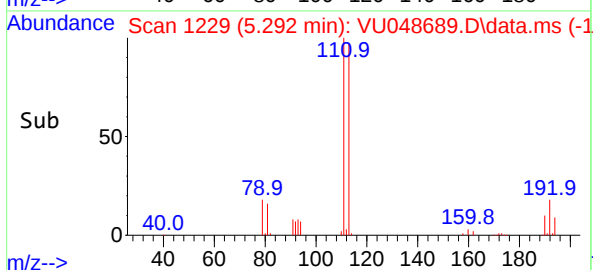
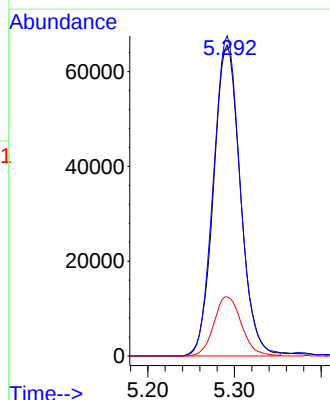
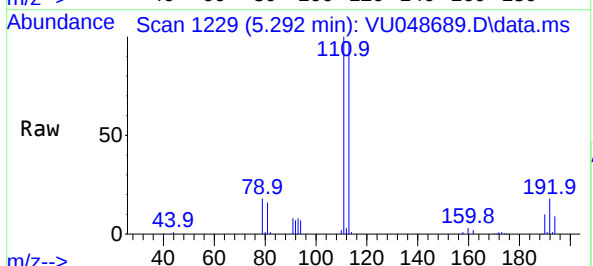
Delta R.T. -0.000 min

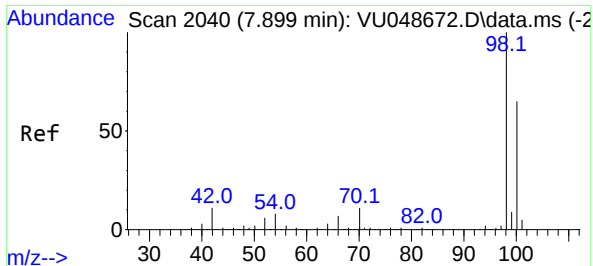
Lab File: VU048689.D

Acq: 27 May 2022 13:30

Tgt Ion:113 Resp: 140740

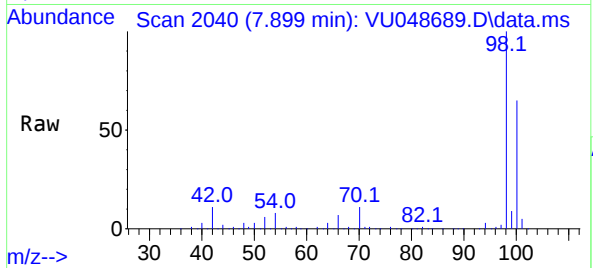
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.0 | 80.7  | 121.1 |
| 192 | 19.6  | 15.9  | 23.9  |





#50  
Toluene-d8  
Concen: 51.161 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30

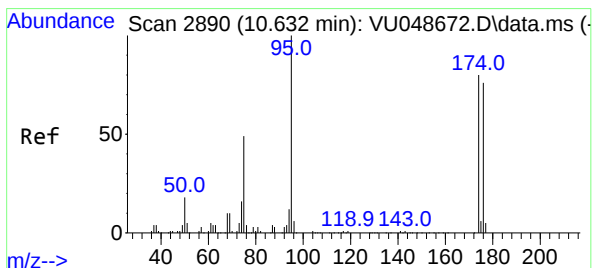
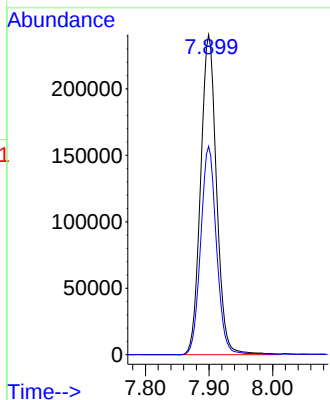
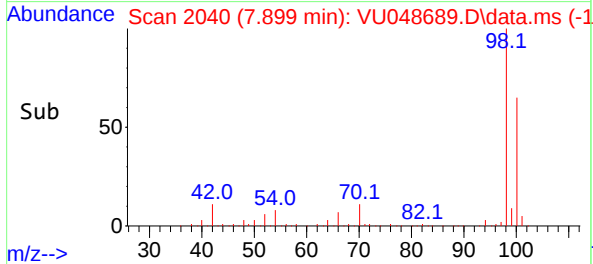
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP-X



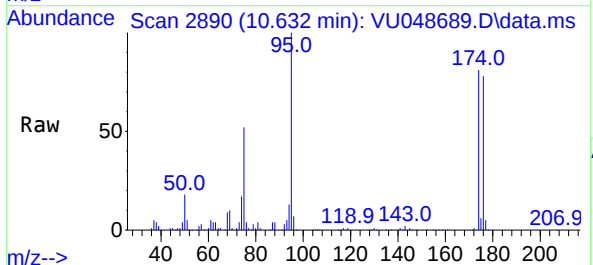
Tgt Ion: 98 Resp: 41895  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.2 78.4

Manual Integrations  
APPROVED

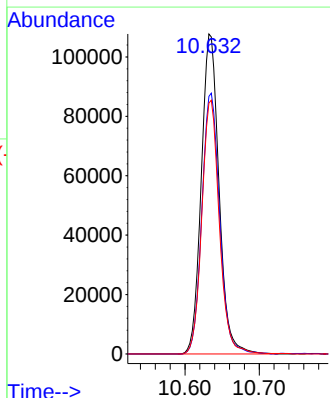
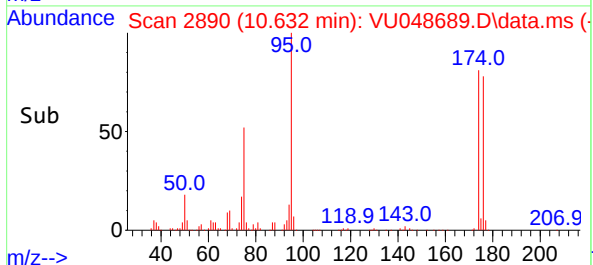
Reviewed By :John Carlone 05/31/2022  
Supervised By :Mahesh Dadoda 05/31/2022

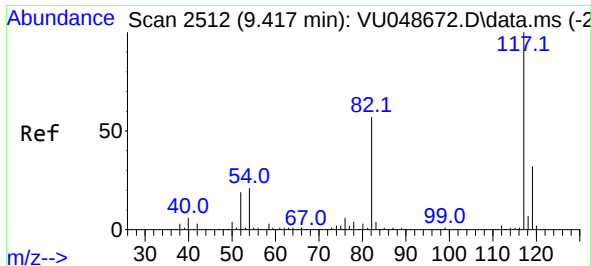


#62  
4-Bromofluorobenzene  
Concen: 57.651 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30



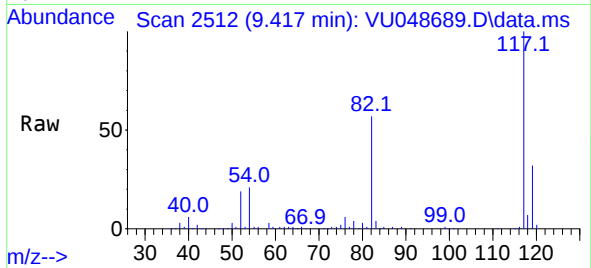
Tgt Ion: 95 Resp: 178546  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 159.4  
176 78.3 0.0 152.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.000 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30

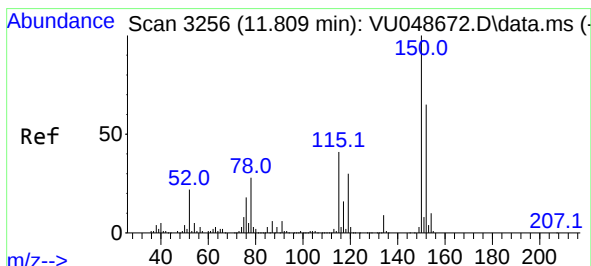
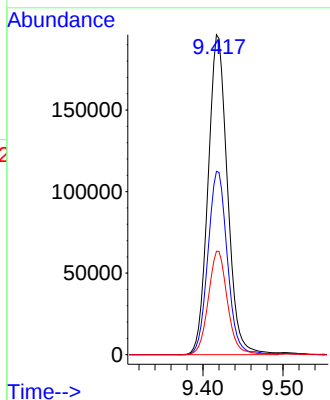
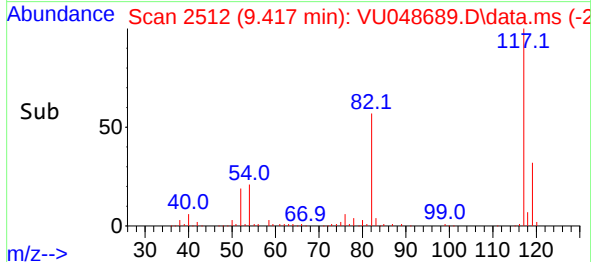
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP-X



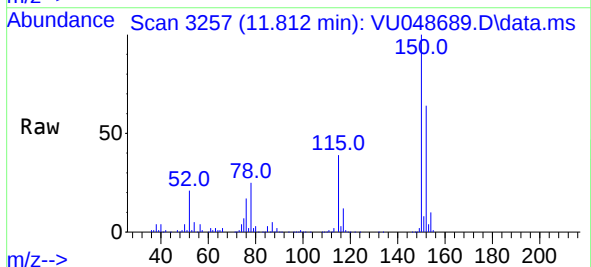
Tgt Ion:117 Resp: 330950  
Ion Ratio Lower Upper  
117 100  
82 57.3 45.3 67.9  
119 32.3 25.4 38.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/31/2022  
Supervised By :Mahesh Dadoda 05/31/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048689.D  
Acq: 27 May 2022 13:30



Tgt Ion:152 Resp: 182205  
Ion Ratio Lower Upper  
152 100  
115 60.1 41.8 125.4  
150 155.5 0.0 341.0

