

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052423\  
 Data File : VX035844.D  
 Acq On : 24 May 2023 18:21  
 Operator : JC/MD  
 Sample : 02911-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW9-MW01D1-20230522

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/25/2023  
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 05:34:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 173258     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 300544     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 261708     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 123536     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 127806     | 42.284   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 84.560%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 96828      | 47.772   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 95.540%  |        |          |
| 50) Toluene-d8              | 8.646          | 98   | 332344     | 44.385   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 88.780%# |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 128857     | 42.740   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 85.480%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 2.410          | 43   | 2609       | 2.008    | ug/l # | 89       |
| 29) Tetrahydrofuran         | 5.050          | 42   | 1708m      | 1.511    | ug/l   |          |
| -----                       |                |      |            |          |        |          |

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

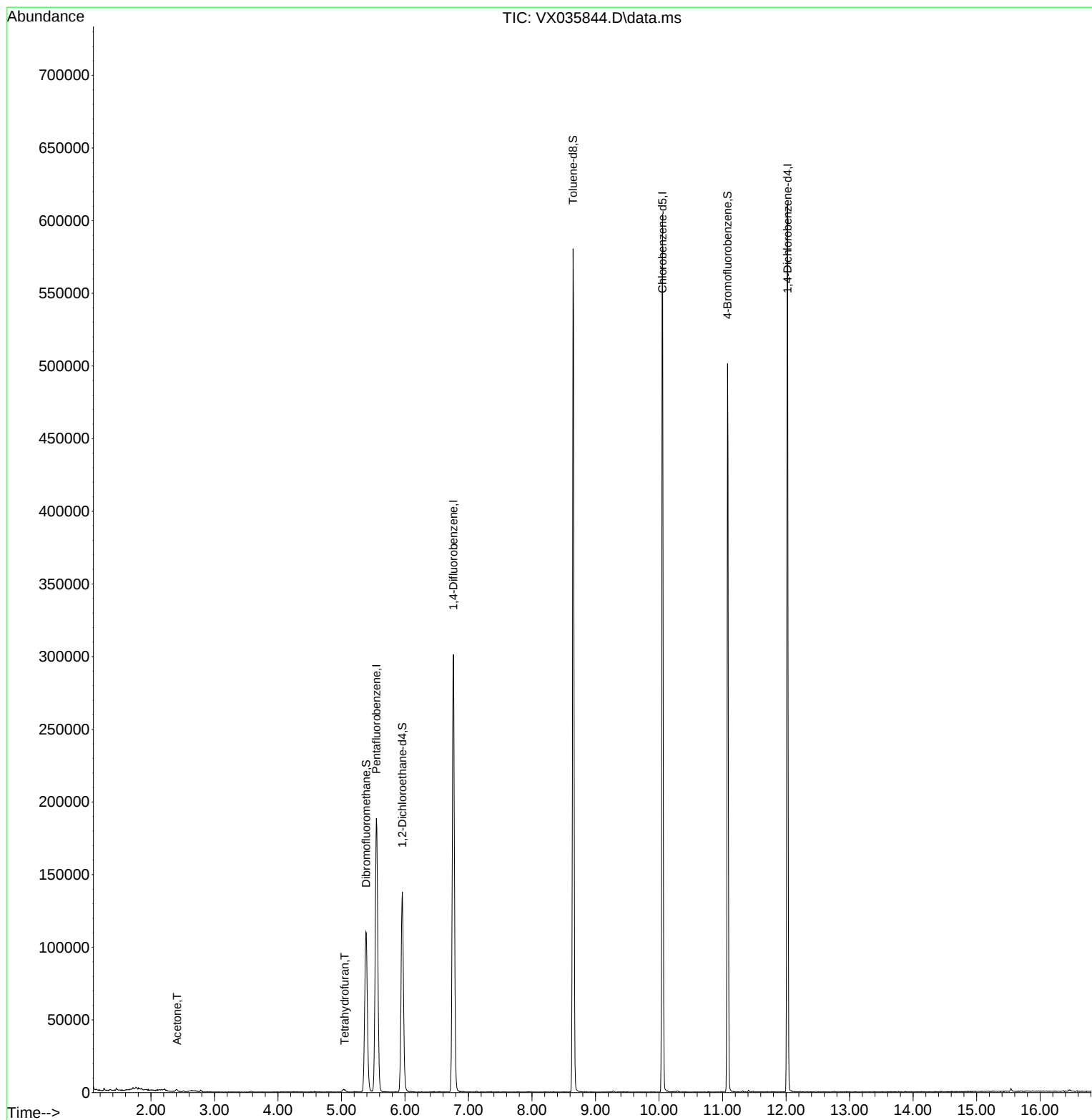
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052423\  
Data File : VX035844.D  
Acq On : 24 May 2023 18:21  
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MSVOA\_X  
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RW9-MW01D1-20230522

Quant Time: May 25 05:34:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

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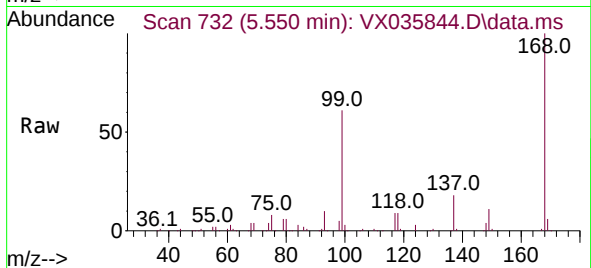
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

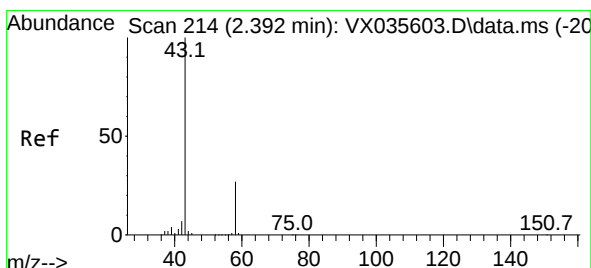
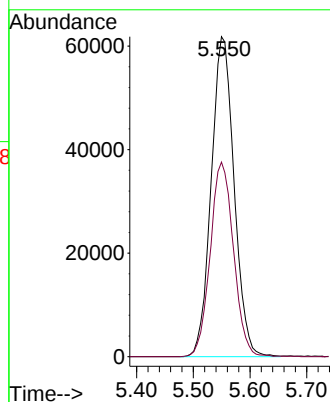
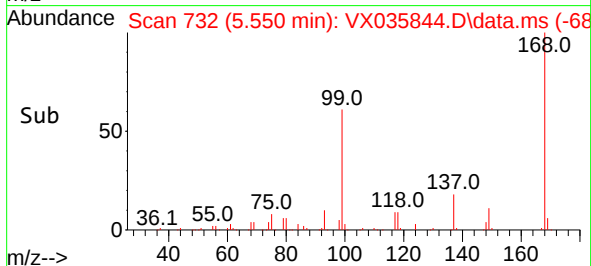
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-MW01D1-20230522



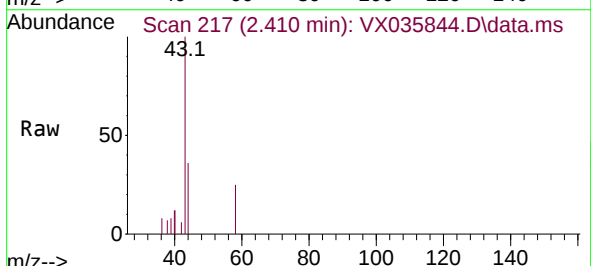
Tgt Ion:168 Resp: 173258  
Ion Ratio Lower Upper  
168 100  
99 60.8 45.7 68.5

Manual Integrations  
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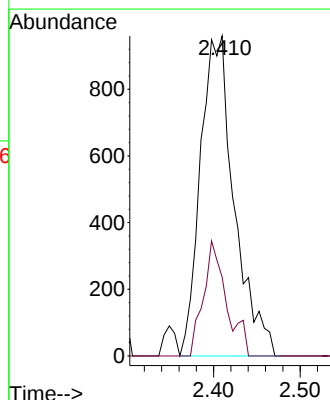
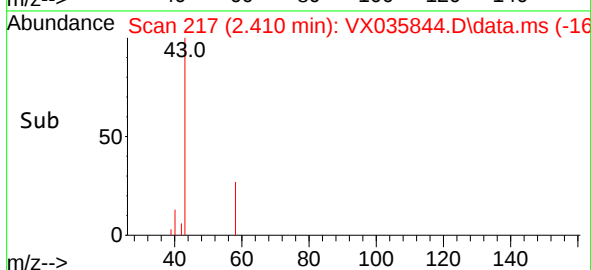
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

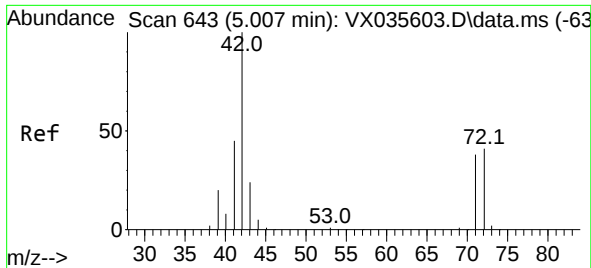


#16  
Acetone  
Concen: 2.008 ug/l  
RT: 2.410 min Scan# 217  
Delta R.T. 0.018 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21



Tgt Ion: 43 Resp: 2609  
Ion Ratio Lower Upper  
43 100  
58 24.7 24.7 37.1#





#29

Tetrahydrofuran

Concen: 1.511 ug/l m

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX035844.D

Acq: 24 May 2023 18:21

Instrument :

MSVOA\_X

ClientSampleId :

RW9-MW01D1-20230522

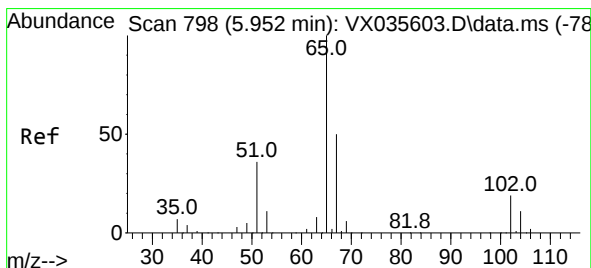
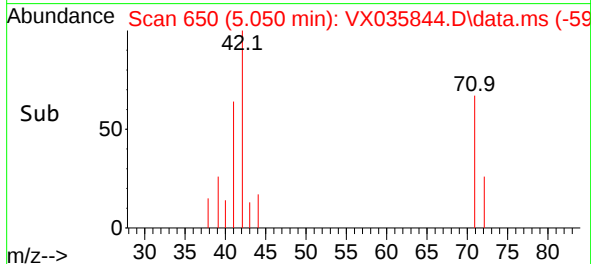
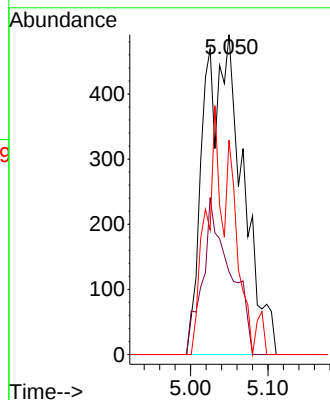
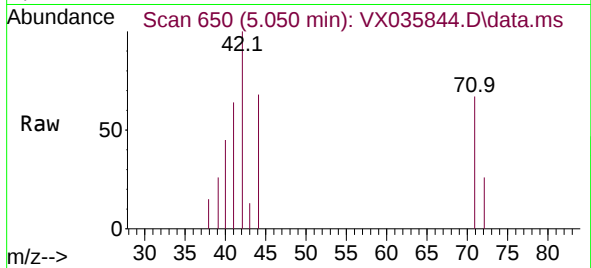
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1708  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 35.0  | 34.5  | 51.7  |
| 71       | 30.9  | 32.1  | 48.1  |

Manual Integrations

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Supervised By :Mahesh Dadoda 05/25/2023



#33

1,2-Dichloroethane-d4

Concen: 42.284 ug/l

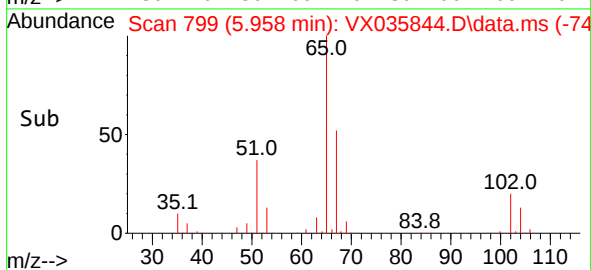
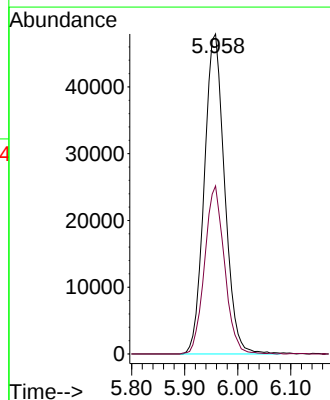
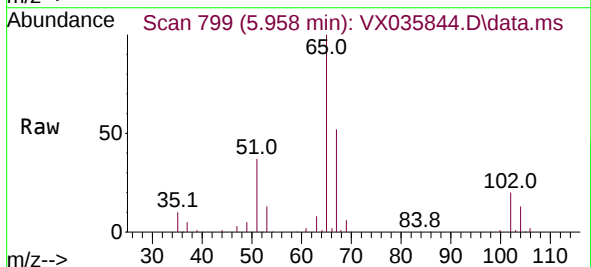
RT: 5.958 min Scan# 799

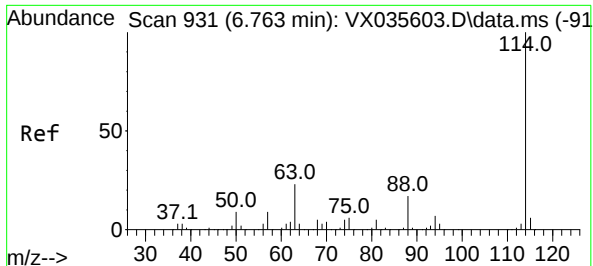
Delta R.T. 0.006 min

Lab File: VX035844.D

Acq: 24 May 2023 18:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 127806 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.4  | 0.0   | 104.0  |





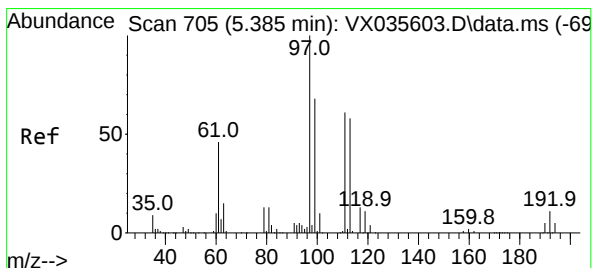
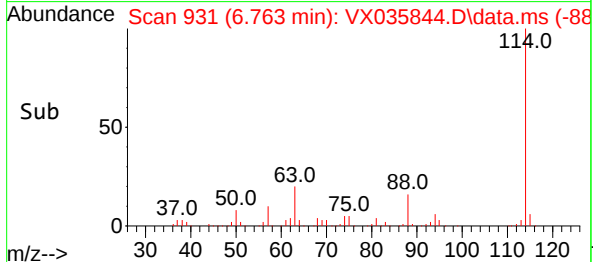
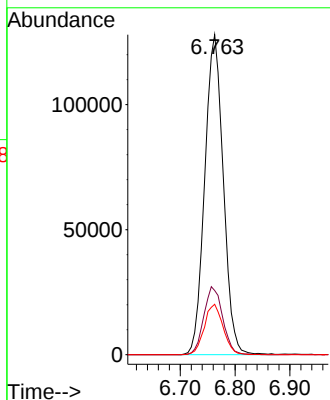
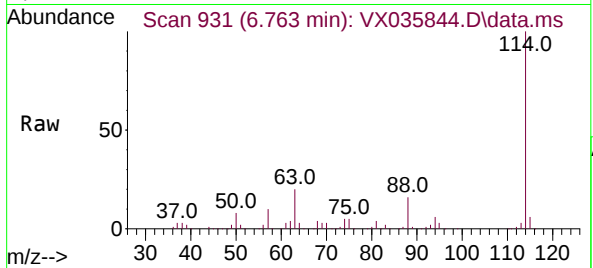
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-MW01D1-20230522

Tgt Ion:114 Resp: 300544  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 42.2  
88 15.8 0.0 33.2

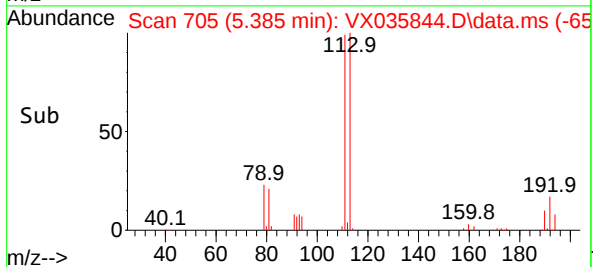
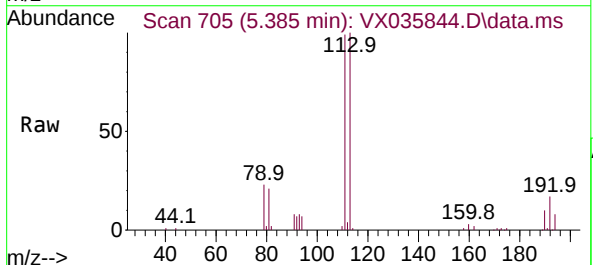
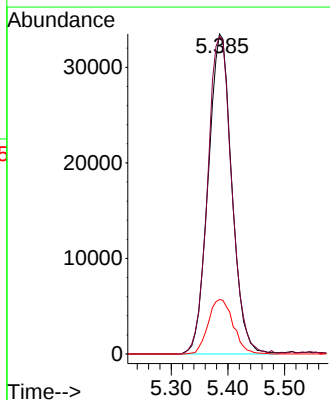
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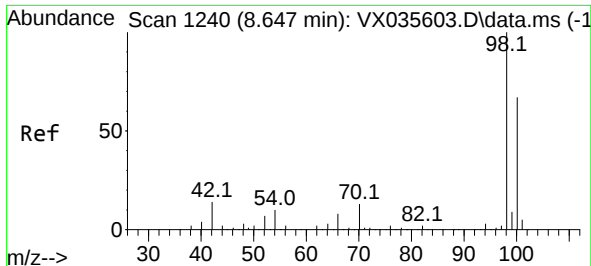
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#35  
Dibromofluoromethane  
Concen: 47.772 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

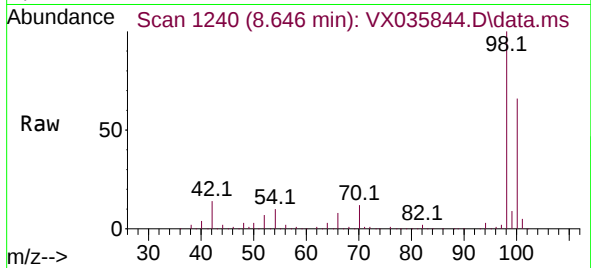
Tgt Ion:113 Resp: 96828  
Ion Ratio Lower Upper  
113 100  
111 101.4 83.7 125.5  
192 18.0 15.4 23.2





#50  
Toluene-d8  
Concen: 44.385 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

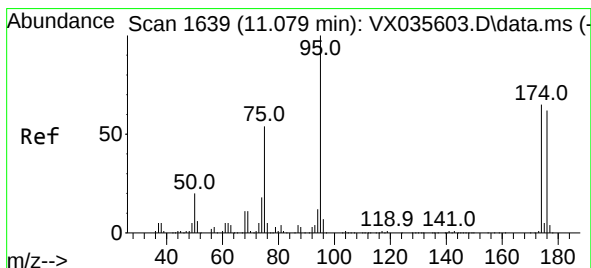
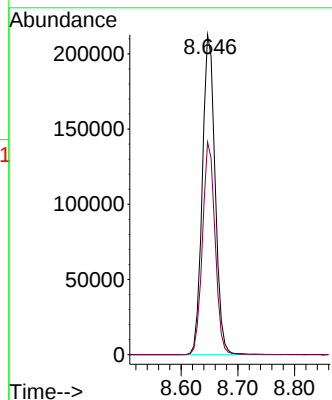
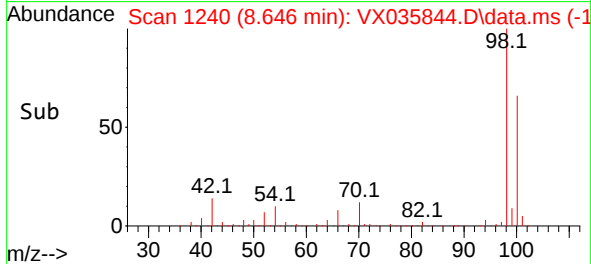
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-MW01D1-20230522



Tgt Ion: 98 Resp: 332344  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.5 78.7

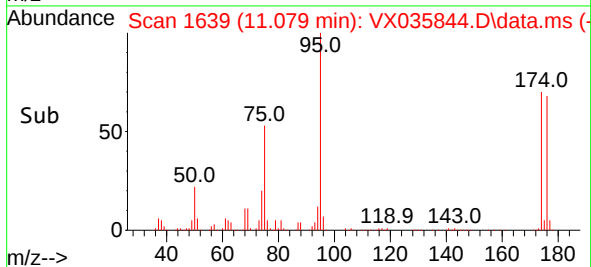
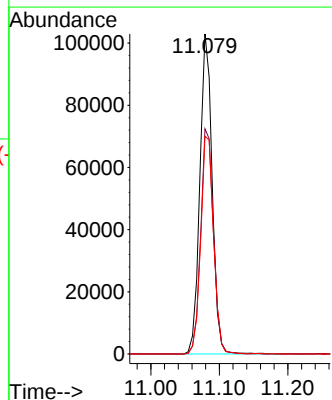
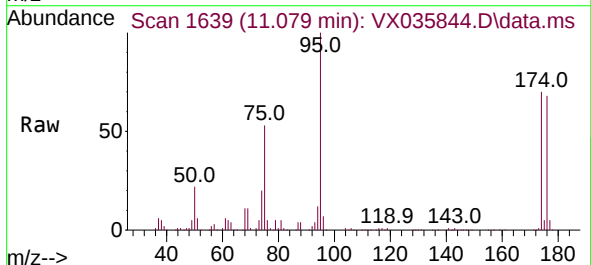
Manual Integrations  
APPROVED

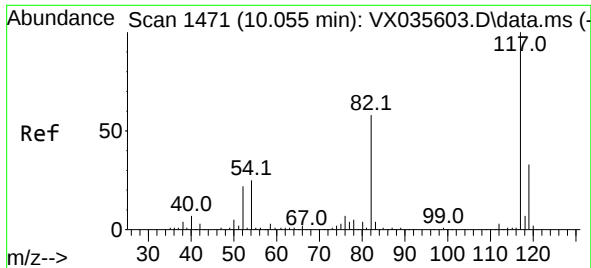
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#62  
4-Bromofluorobenzene  
Concen: 42.740 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

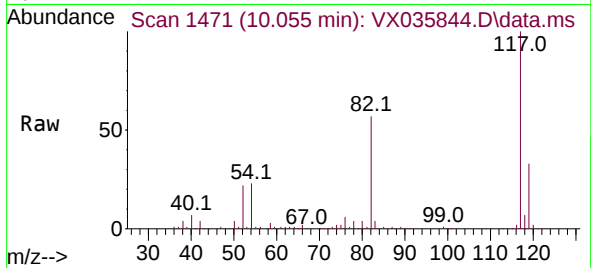
Tgt Ion: 95 Resp: 128857  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 147.4  
176 70.9 0.0 140.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

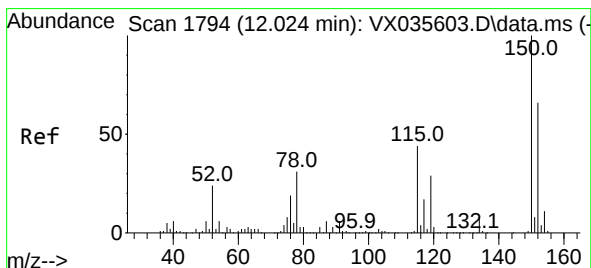
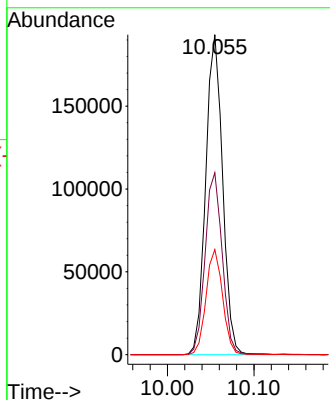
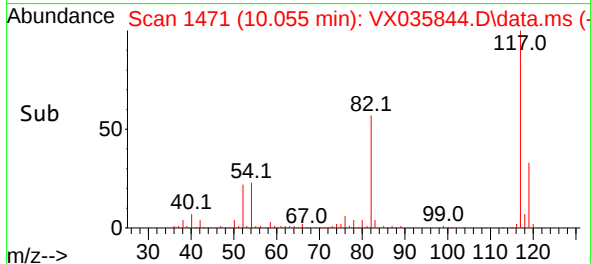
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-MW01D1-20230522



Tgt Ion:117 Resp: 261708  
Ion Ratio Lower Upper  
117 100  
82 56.8 45.0 67.4  
119 32.8 26.0 39.0

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX035844.D  
Acq: 24 May 2023 18:21

Tgt Ion:152 Resp: 123536  
Ion Ratio Lower Upper  
152 100  
115 61.8 45.0 135.0  
150 158.3 0.0 352.4

