

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090122\  
 Data File : VX031040.D  
 Acq On : 01 Sep 2022 23:16  
 Operator : JC/MD  
 Sample : N4297-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D1-20220820

Quant Time: Sep 02 02:57:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/02/2022  
 Supervised By : Mahesh Dadoda 09/02/2022

| Compound                    | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                       |                |      |                      |        |        |          |
| Internal Standards          |                |      |                      |        |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 210718               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 342173               | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 296454               | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 125222               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                      |        |        |          |
| System Monitoring Compounds |                |      |                      |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 151565               | 55.901 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 111.800%  |        |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 145923               | 58.438 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 116.880%  |        |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 531903               | 57.878 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 115.760%# |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 173797               | 53.543 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 107.080%  |        |        |          |
|                             |                |      |                      |        |        |          |
| Target Compounds            |                |      |                      |        | Qvalue |          |
| 19) Methyl tert-butyl Ether | 3.117          | 73   | 6803                 | 0.902  | ug/l   | 98       |
| 24) 1,1-Dichloroethane      | 3.617          | 63   | 3232                 | 0.732  | ug/l # | 90       |
| 27) cis-1,2-Dichloroethene  | 4.495          | 96   | 17742                | 5.811  | ug/l   | 85       |
| 30) Chloroform              | 5.105          | 83   | 2484m                | 0.513  | ug/l   |          |
| 44) Trichloroethene         | 7.135          | 130  | 15128                | 4.760  | ug/l   | 98       |
| 64) Tetrachloroethene       | 9.275          | 164  | 15167                | 5.124  | ug/l   | 97       |
| -----                       |                |      |                      |        |        |          |

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

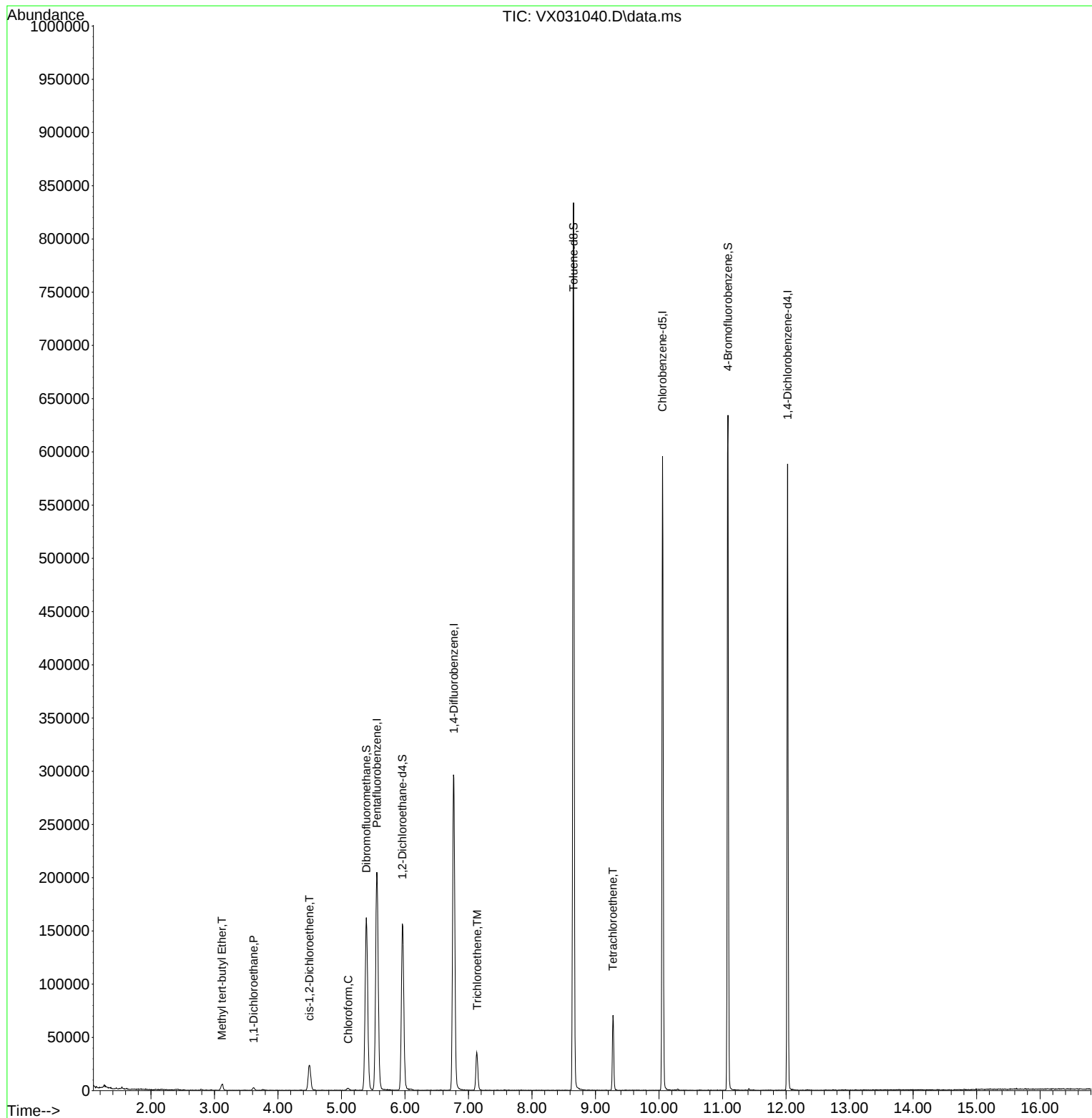
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090122\  
Data File : VX031040.D  
Acq On : 01 Sep 2022 23:16  
Operator : JC/MD  
Sample : N4297-11  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

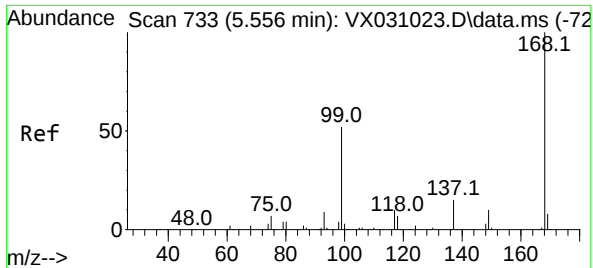
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20220820

Quant Time: Sep 02 02:57:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
Response via : Initial Calibration

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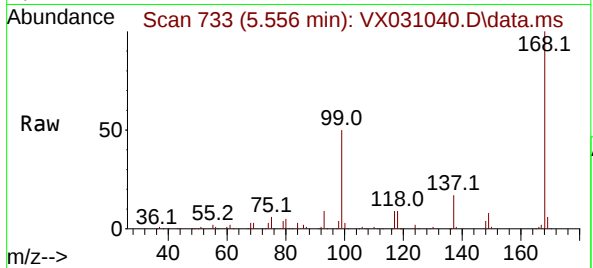
Reviewed By : John Carlone 09/02/2022  
Supervised By : Mahesh Dadoda 09/02/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

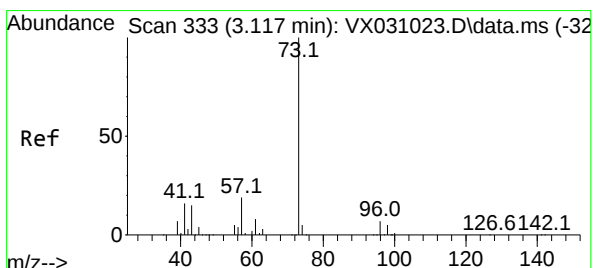
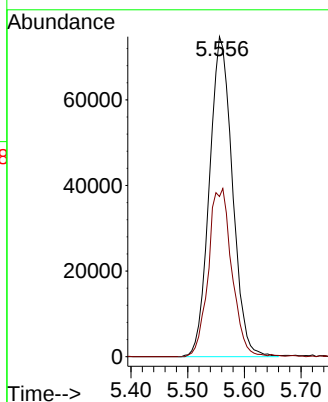
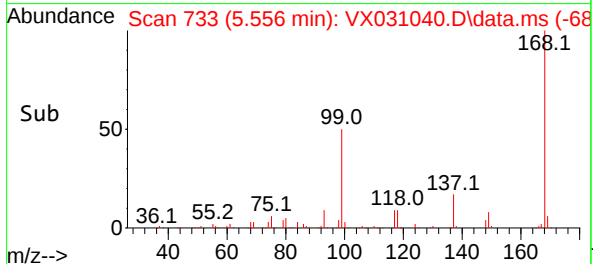
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20220820



Tgt Ion:168 Resp: 210718  
Ion Ratio Lower Upper  
168 100  
99 50.1 44.0 66.0

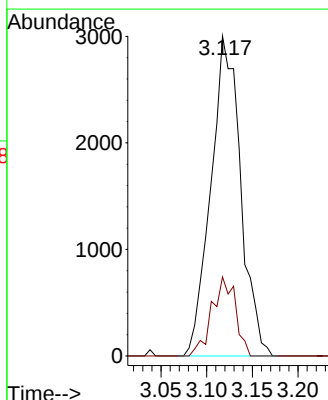
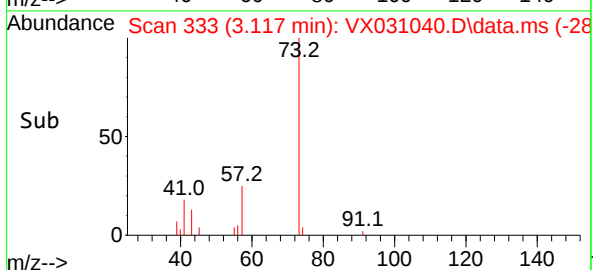
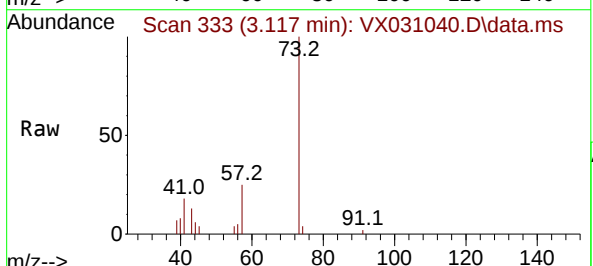
Manual Integrations  
APPROVED

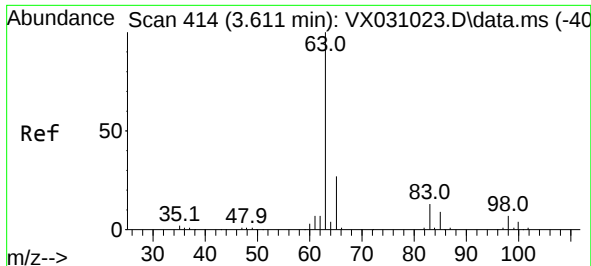
Reviewed By :John Carbone 09/02/2022  
Supervised By :Mahesh Dadoda 09/02/2022



#19  
Methyl tert-butyl Ether  
Concen: 0.902 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

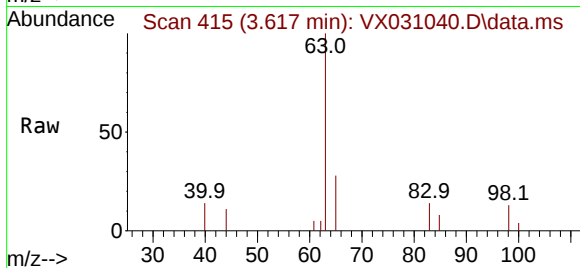
Tgt Ion: 73 Resp: 6803  
Ion Ratio Lower Upper  
73 100  
57 24.7 19.0 28.6





#24  
1,1-Dichloroethane  
Concen: 0.732 ug/l  
RT: 3.617 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

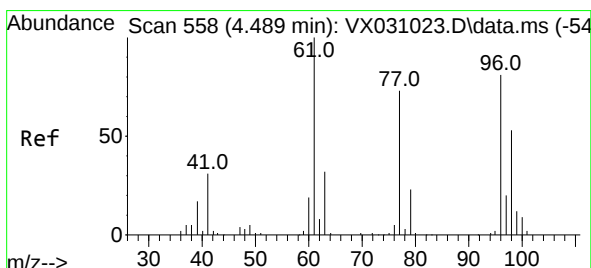
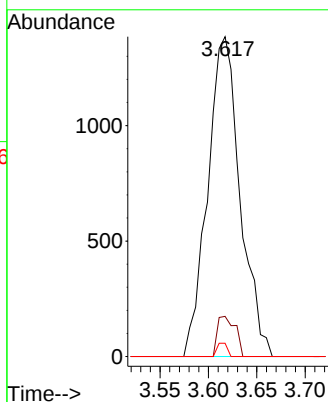
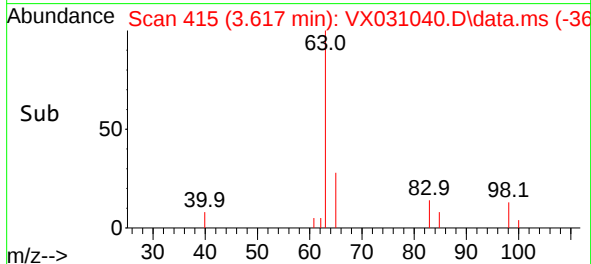
Instrument :  
MSVOA\_X  
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MW202D1-20220820



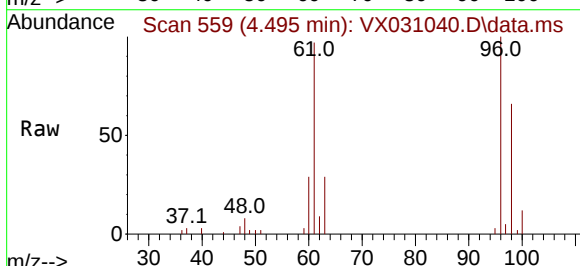
Tgt Ion: 63 Resp: 3232  
Ion Ratio Lower Upper  
63 100  
98 12.6 3.5 10.5  
100 4.2 2.3 6.9

Manual Integrations  
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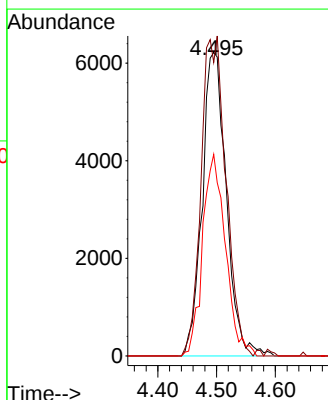
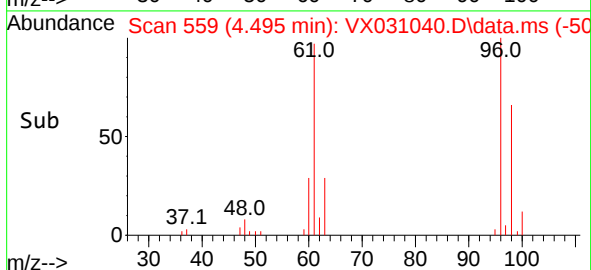
Reviewed By :John Carlone 09/02/2022  
Supervised By :Mahesh Dadoda 09/02/2022

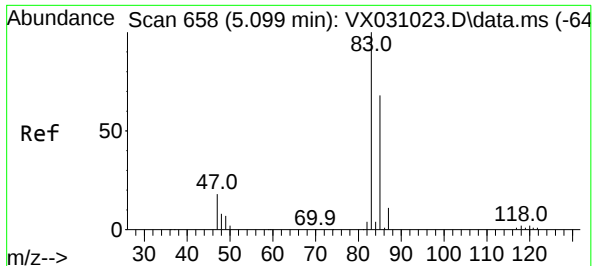


#27  
cis-1,2-Dichloroethene  
Concen: 5.811 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16



Tgt Ion: 96 Resp: 17742  
Ion Ratio Lower Upper  
96 100  
61 108.5 0.0 270.0  
98 63.1 0.0 127.8





#30

Chloroform

Concen: 0.513 ug/l m

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX031040.D

Acq: 01 Sep 2022 23:16

Instrument :

MSVOA\_X

ClientSampleId :

MW202D1-20220820

Tgt Ion: 83 Resp: 2484

Ion Ratio Lower Upper

83 100

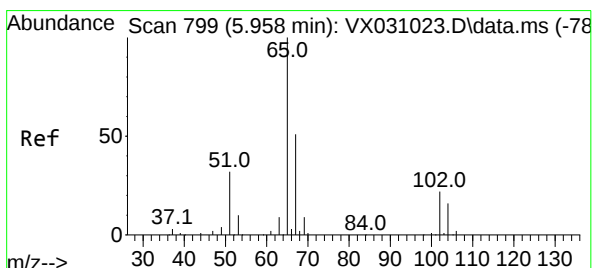
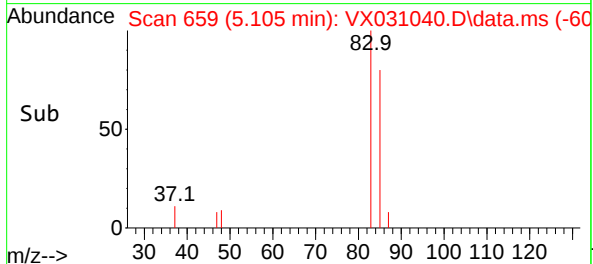
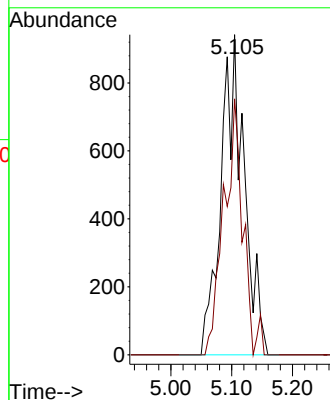
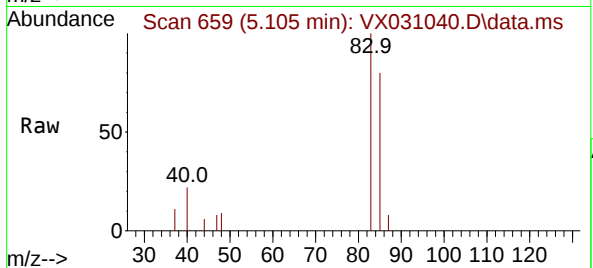
85 79.9 51.5 77.3

Manual Integrations

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Supervised By :Mahesh Dadoda 09/02/2022



#33

1,2-Dichloroethane-d4

Concen: 55.901 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031040.D

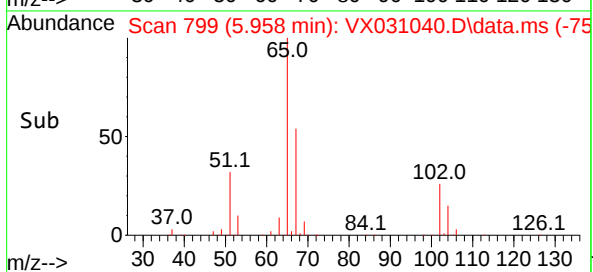
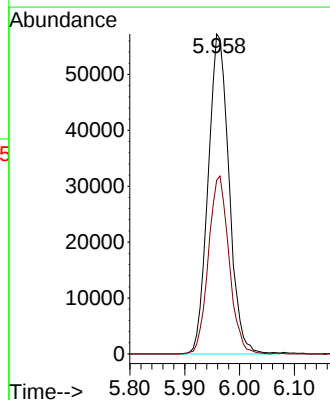
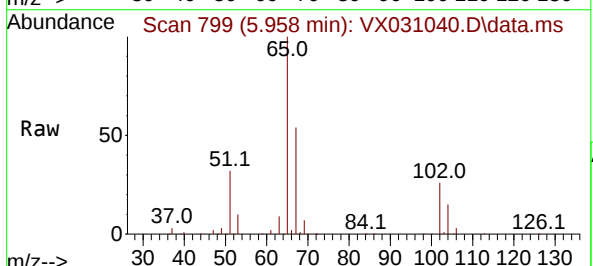
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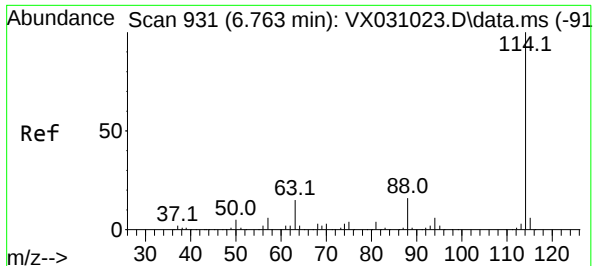
Tgt Ion: 65 Resp: 151565

Ion Ratio Lower Upper

65 100

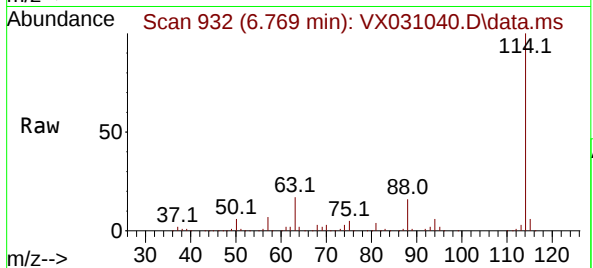
67 54.9 0.0 109.6





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

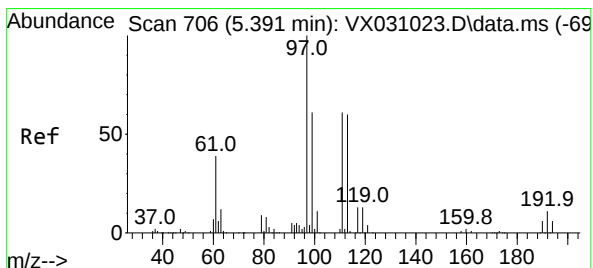
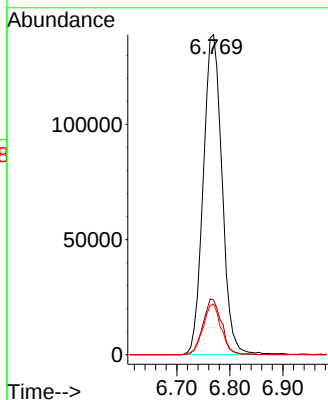
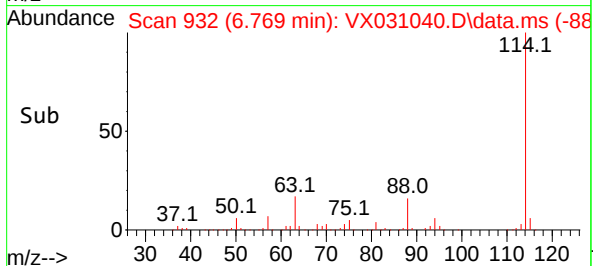
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20220820



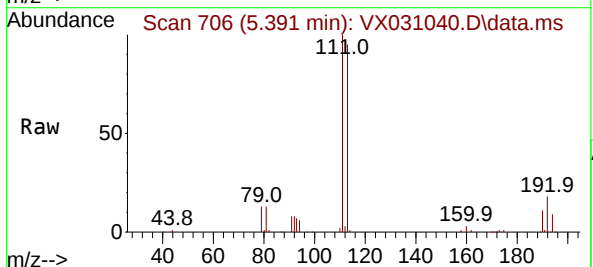
Tgt Ion:114 Resp: 34217  
Ion Ratio Lower Upper  
114 100  
63 17.1 0.0 38.4  
88 15.8 0.0 31.8

Manual Integrations  
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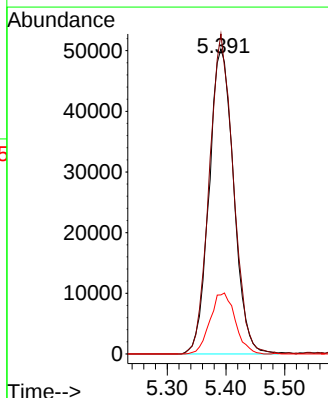
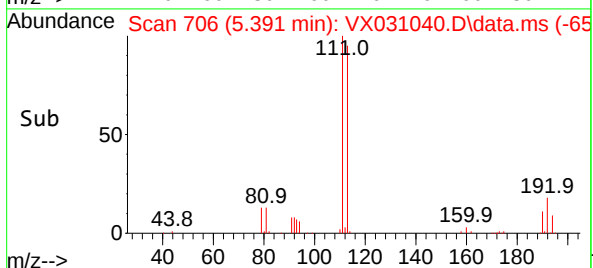
Reviewed By :John Carlone 09/02/2022  
Supervised By :Mahesh Dadoda 09/02/2022

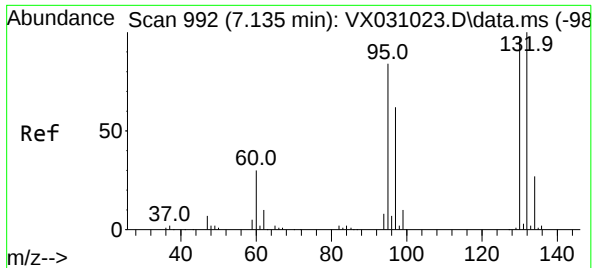


#35  
Dibromofluoromethane  
Concen: 58.438 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16



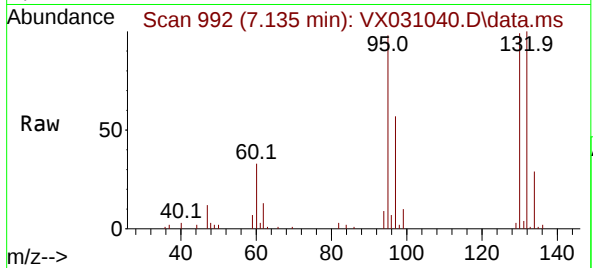
Tgt Ion:113 Resp: 145923  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.2 124.8  
192 20.4 14.8 22.2





#44  
Trichloroethene  
Concen: 4.760 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

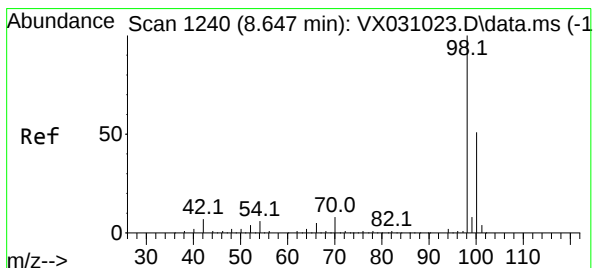
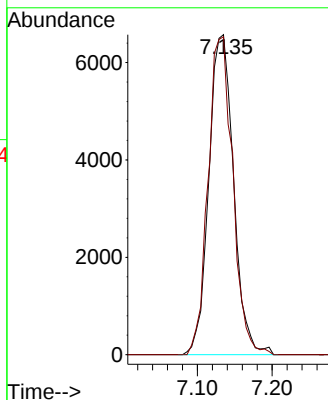
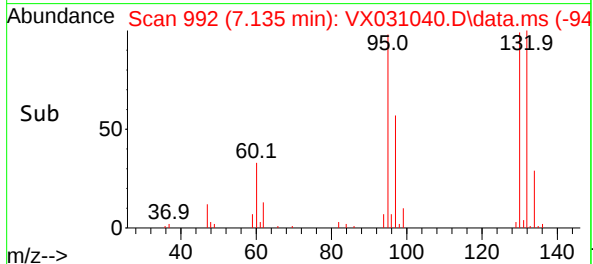
Instrument :  
MSVOA\_X  
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MW202D1-20220820



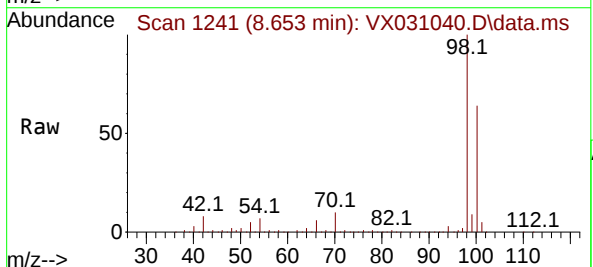
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Ion Ratio Lower Upper  
130 100  
95 99.3 0.0 194.8

Manual Integrations  
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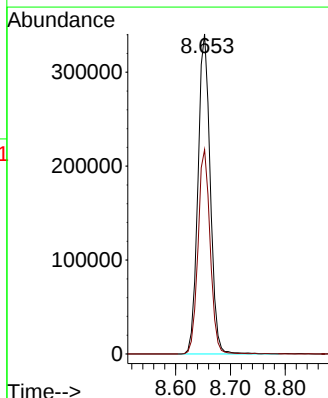
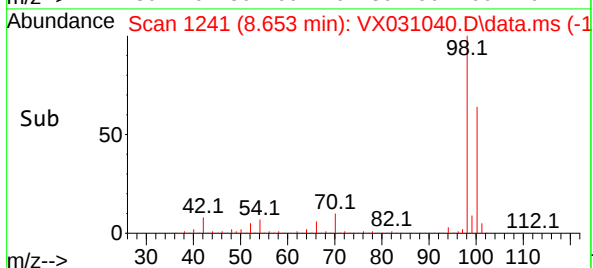
Reviewed By :John Carlone 09/02/2022  
Supervised By :Mahesh Dadoda 09/02/2022

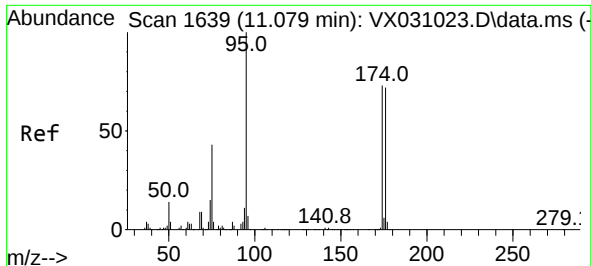


#50  
Toluene-d8  
Concen: 57.878 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16



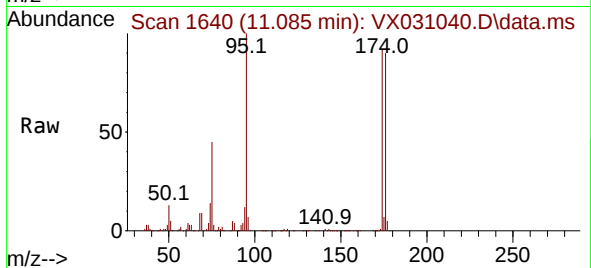
Tgt Ion: 98 Resp: 531903  
Ion Ratio Lower Upper  
98 100  
100 62.8 52.3 78.5





#62  
4-Bromofluorobenzene  
Concen: 53.543 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

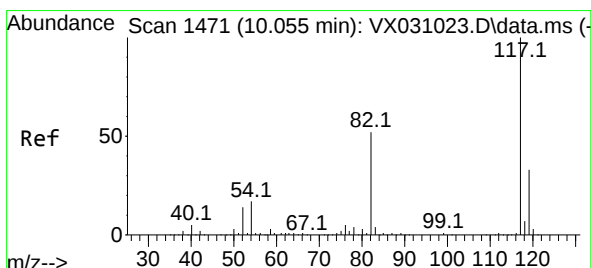
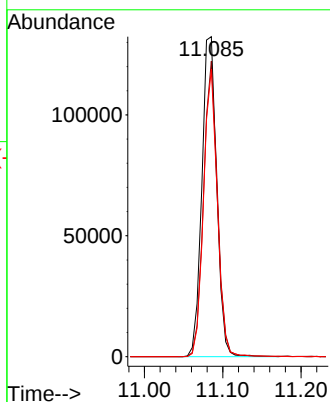
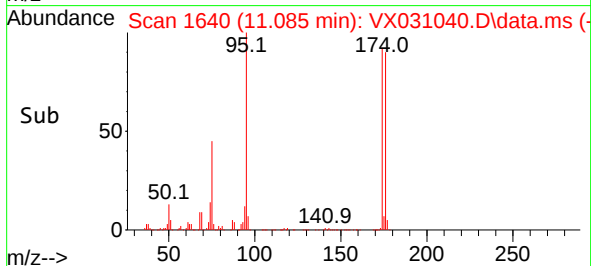
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20220820



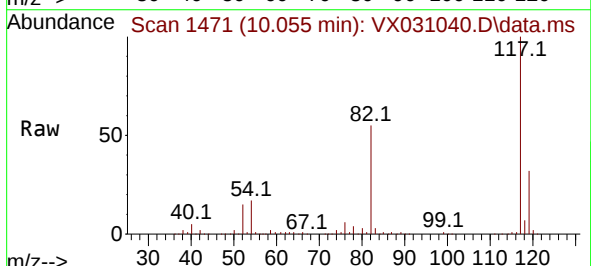
Tgt Ion: 95 Resp: 17379  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 149.0  
176 83.6 0.0 146.0

Manual Integrations  
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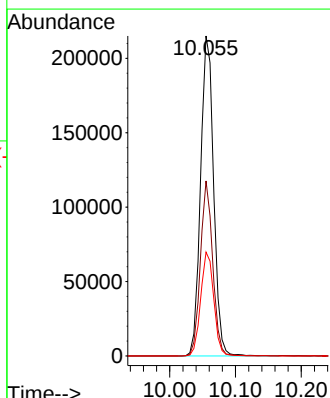
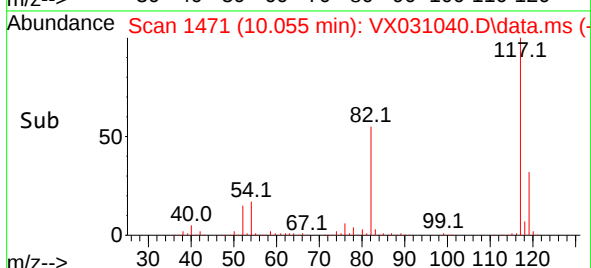
Reviewed By :John Carlone 09/02/2022  
Supervised By :Mahesh Dadoda 09/02/2022

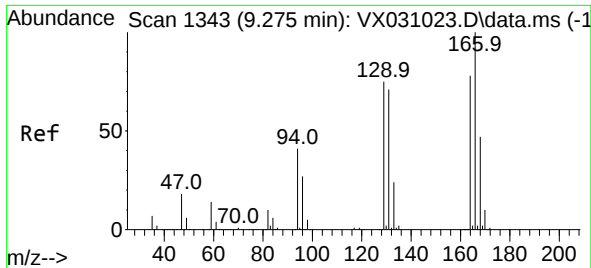


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16



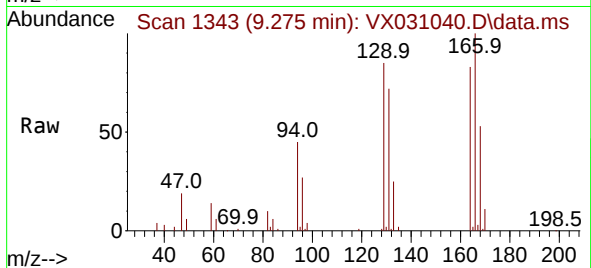
Tgt Ion:117 Resp: 296454  
Ion Ratio Lower Upper  
117 100  
82 54.7 42.7 64.1  
119 32.5 25.4 38.2





#64  
Tetrachloroethene  
Concen: 5.124 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

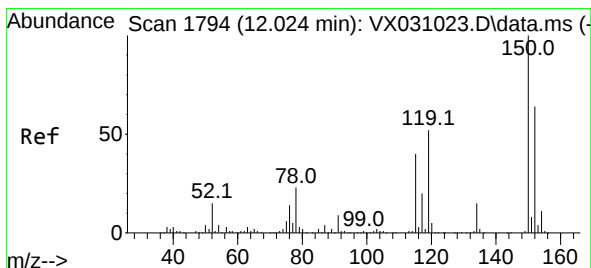
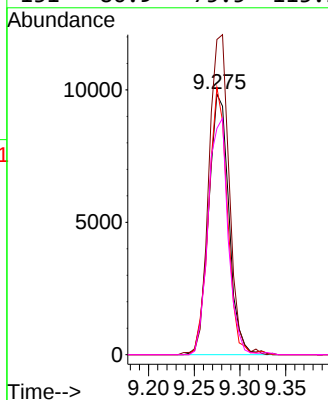
Instrument :  
MSVOA\_X  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 121.0 | 98.2  | 147.4 |
| 129     | 102.6 | 80.8  | 121.2 |
| 131     | 86.9  | 75.5  | 113.3 |

Manual Integrations  
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Supervised By :Mahesh Dadoda 09/02/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031040.D  
Acq: 01 Sep 2022 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.2  | 40.5  | 121.5 |
| 150     | 158.8 | 0.0   | 347.0 |

