

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
 Data File : VN071753.D  
 Acq On : 01 Apr 2022 15:19  
 Operator : JC\MD  
 Sample : N2090-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-47

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/02/2022  
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 00:54:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.087          | 168  | 607191              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963          | 114  | 1043050             | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739         | 117  | 1064153             | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669         | 152  | 406795              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 356139              | 51.378 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 102.760% |        |       |          |
| 35) Dibromofluoromethane    | 8.016          | 113  | 302622              | 49.305 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 98.620%  |        |       |          |
| 50) Toluene-d8              | 10.439         | 98   | 1301029             | 51.817 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 103.640% |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.727         | 95   | 453176              | 55.807 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 111.620% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 11) Tert butyl alcohol      | 5.363          | 59   | 17217               | 15.305 | ug/l  | 96       |
| 16) Acetone                 | 4.293          | 43   | 29322               | 9.898  | ug/l  | 95       |
| 19) Methyl tert-butyl Ether | 5.610          | 73   | 33568               | 1.803  | ug/l  | 95       |
| 25) 2-Butanone              | 7.351          | 43   | 7457m               | 1.746  | ug/l  |          |
| 40) Benzene                 | 8.457          | 78   | 10992               | 0.406  | ug/l  | 97       |
| -----                       |                |      |                     |        |       |          |

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

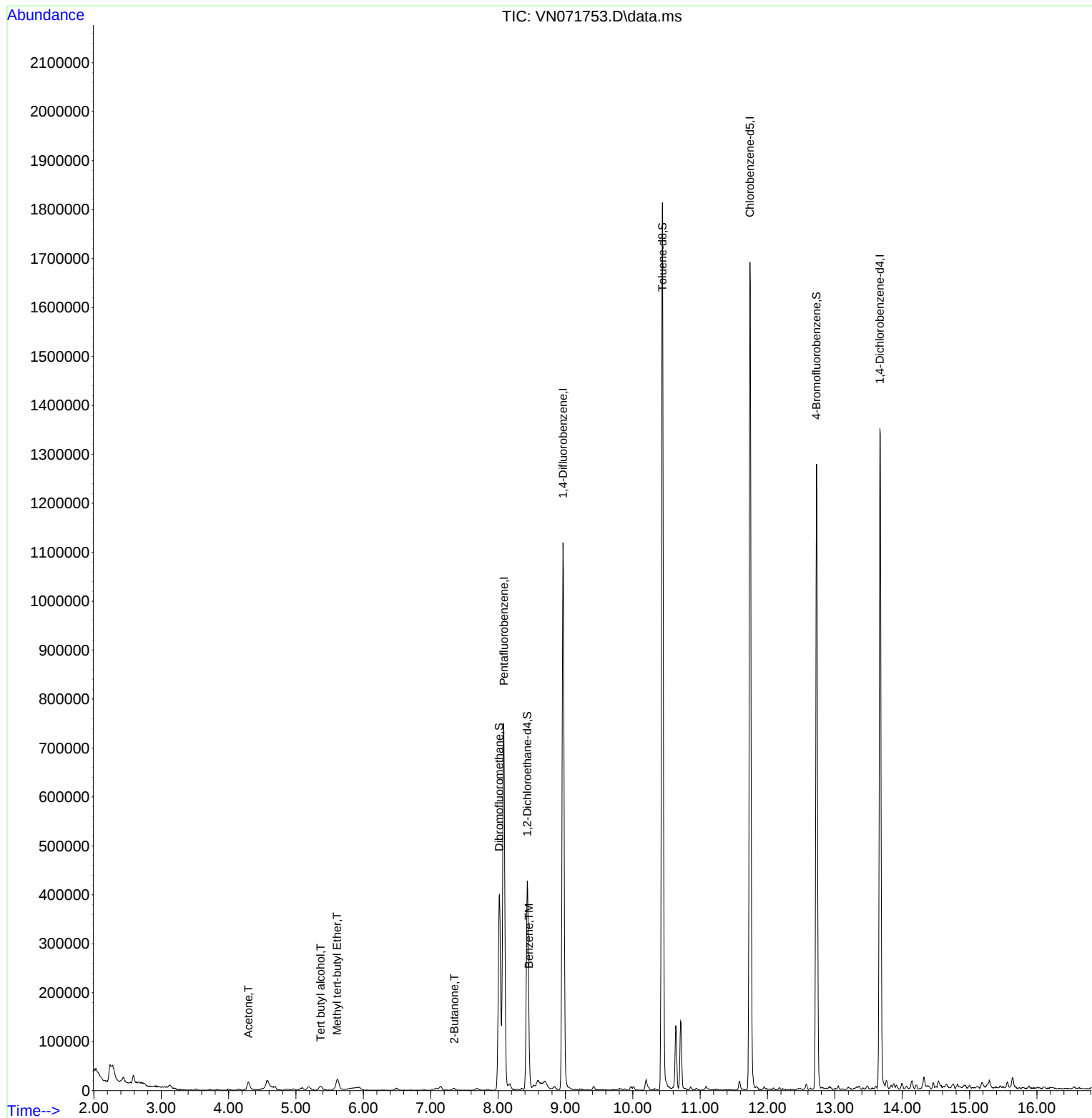
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
Data File : VN071753.D  
Acq On : 01 Apr 2022 15:19  
Operator : JC\MD  
Sample : N2090-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

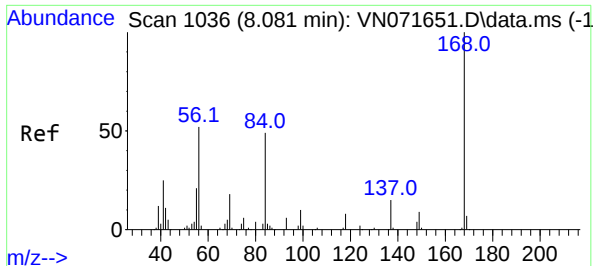
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-47

Quant Time: Apr 02 00:54:30 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

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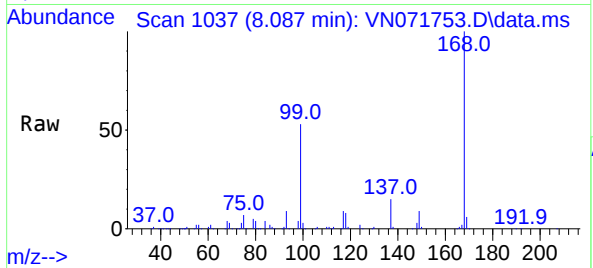
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.087 min Scan# 1036  
Delta R.T. 0.006 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

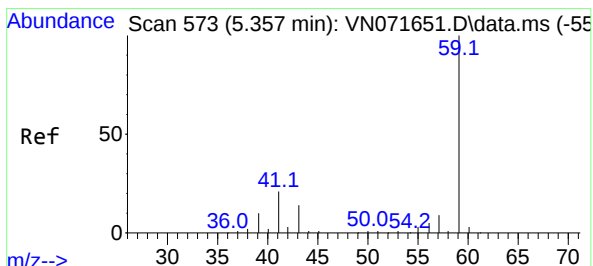
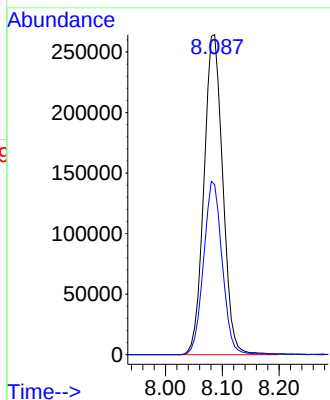
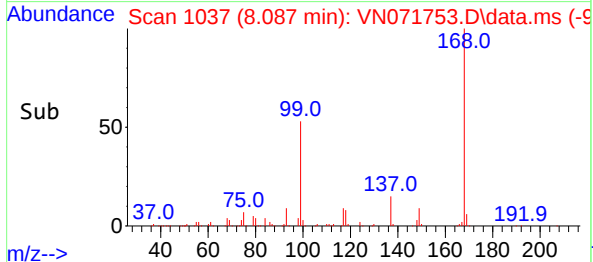
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-47



Tgt Ion:168 Resp: 60719  
Ion Ratio Lower Upper  
168 100  
99 53.1 42.3 63.5

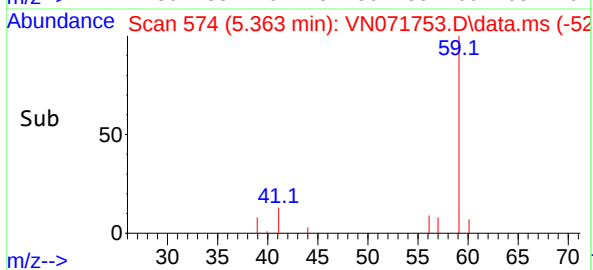
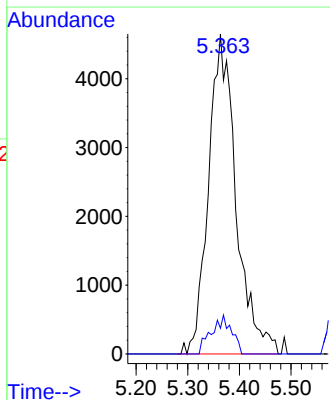
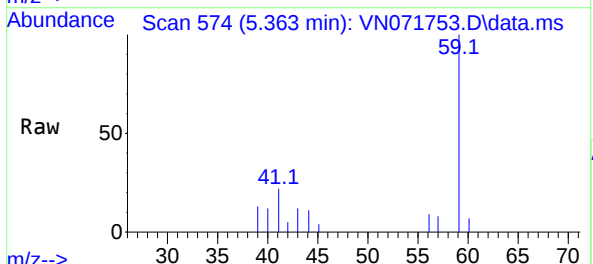
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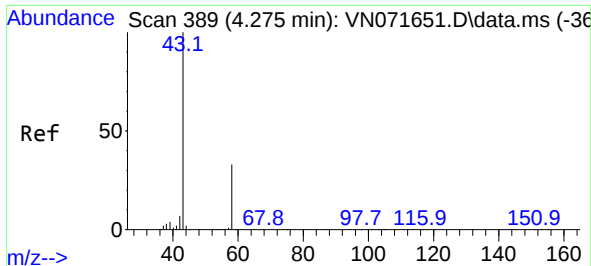
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022



#11  
Tert butyl alcohol  
Concen: 15.305 ug/l  
RT: 5.363 min Scan# 574  
Delta R.T. 0.006 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

Tgt Ion: 59 Resp: 17217  
Ion Ratio Lower Upper  
59 100  
57 8.8 8.3 12.5





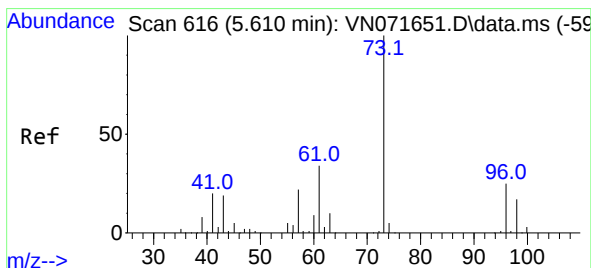
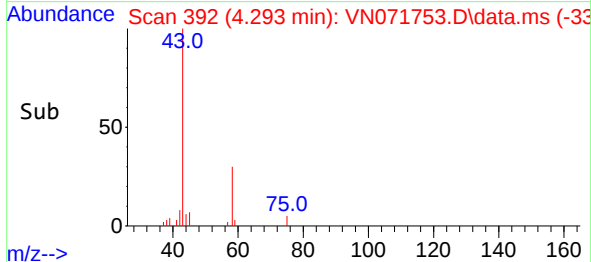
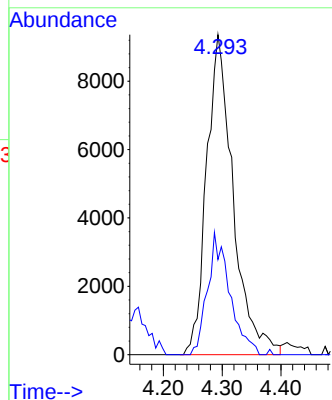
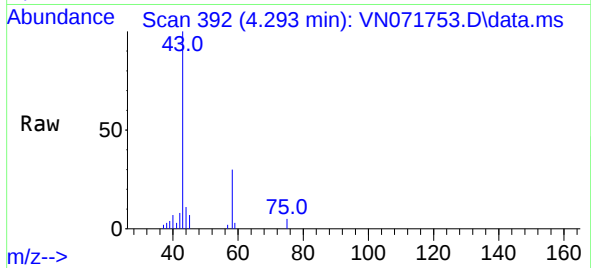
#16  
Acetone  
Concen: 9.898 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 43 Resp: 2932  
Ion Ratio Lower Upper  
43 100  
58 29.8 26.0 39.0

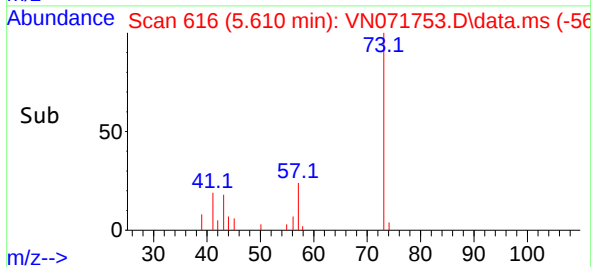
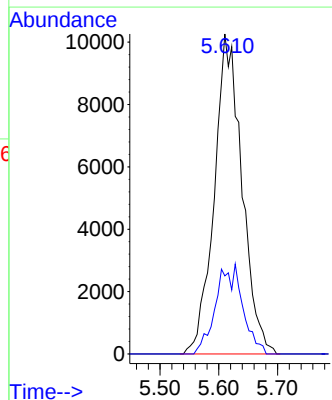
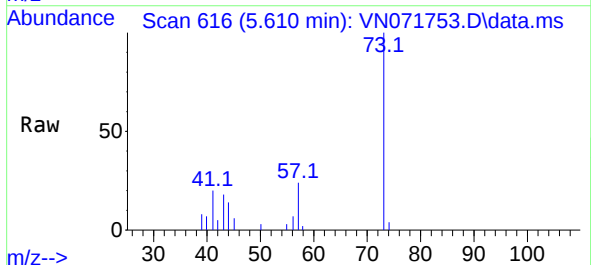
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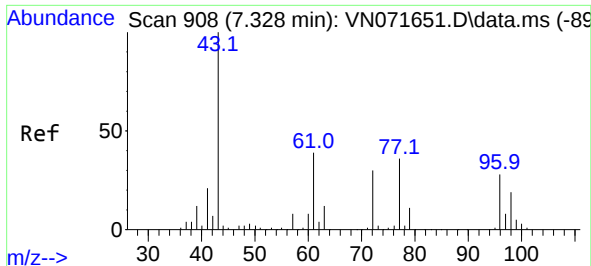
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022



#19  
Methyl tert-butyl Ether  
Concen: 1.803 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

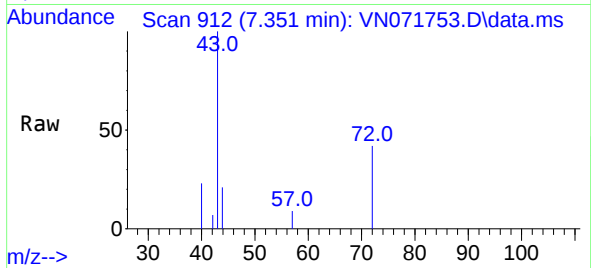
Tgt Ion: 73 Resp: 33568  
Ion Ratio Lower Upper  
73 100  
57 24.4 17.6 26.4





#25  
2-Butanone  
Concen: 1.746 ug/l m  
RT: 7.351 min Scan# 912  
Delta R.T. 0.023 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

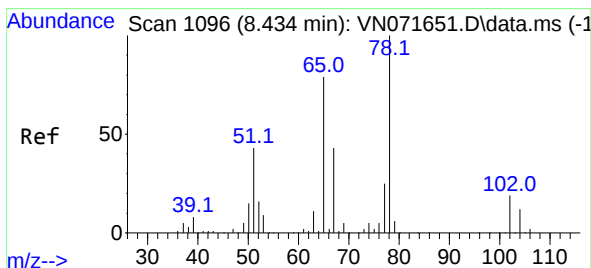
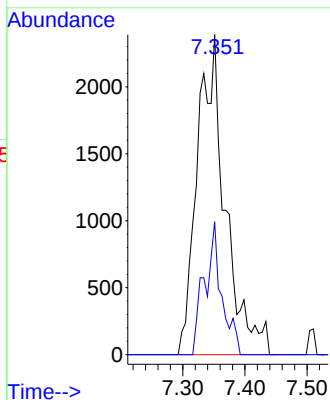
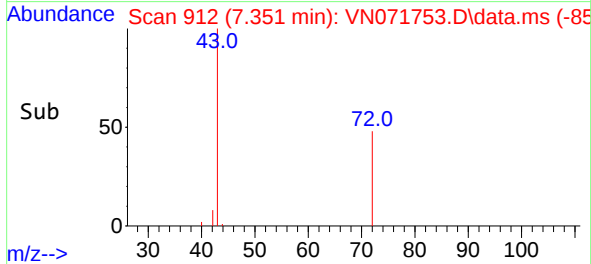
Instrument :  
MSVOA\_N  
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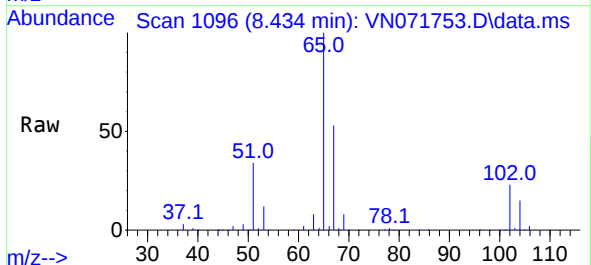
Tgt Ion: 43 Resp: 745  
Ion Ratio Lower Upper  
43 100  
72 41.5 23.7 35.5

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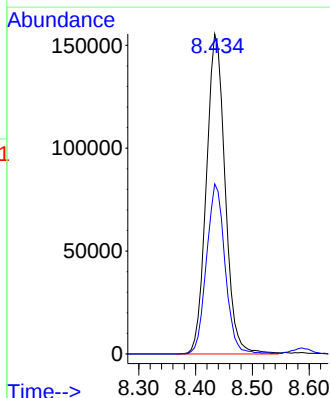
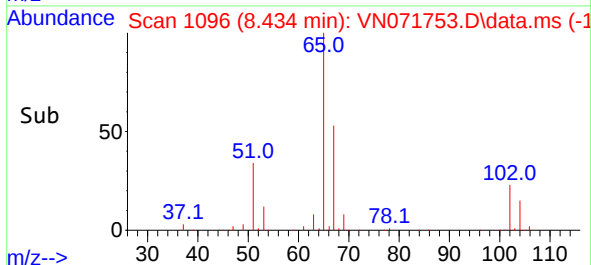
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022

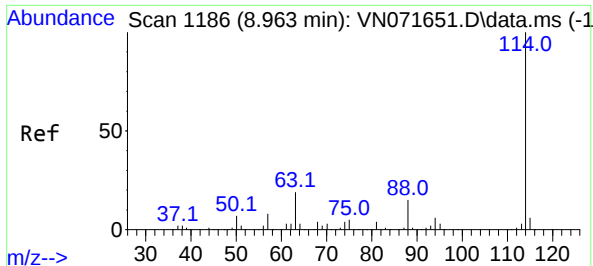


#33  
1,2-Dichloroethane-d4  
Concen: 51.378 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19



Tgt Ion: 65 Resp: 356139  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071753.D

Acq: 01 Apr 2022 15:19

Instrument :

MSVOA\_N

ClientSampleId :

MW-47

Tgt Ion:114 Resp: 1043050

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

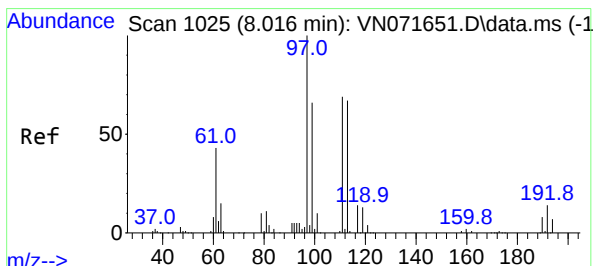
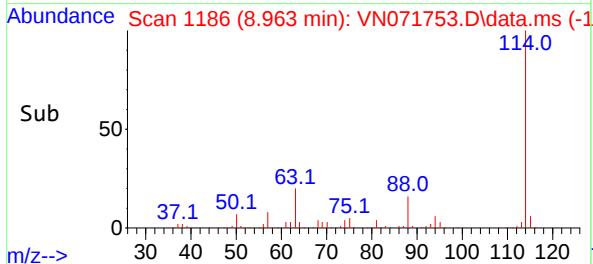
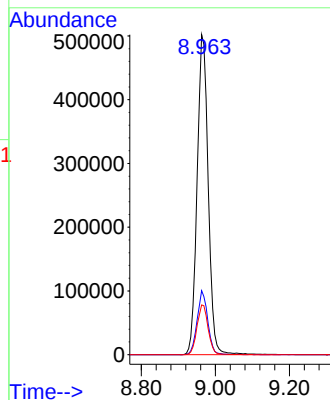
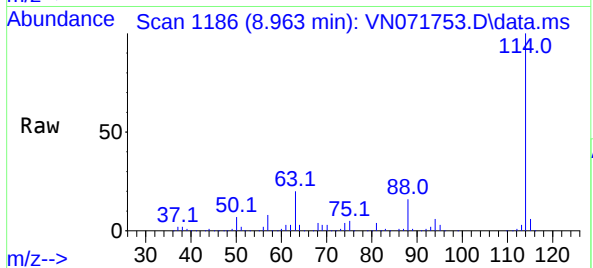
88 15.6 0.0 32.6

Manual Integrations

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Reviewed By :John Carlone 04/02/2022

Supervised By :Mahesh Dadoda 04/02/2022



#35

Dibromofluoromethane

Concen: 49.305 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071753.D

Acq: 01 Apr 2022 15:19

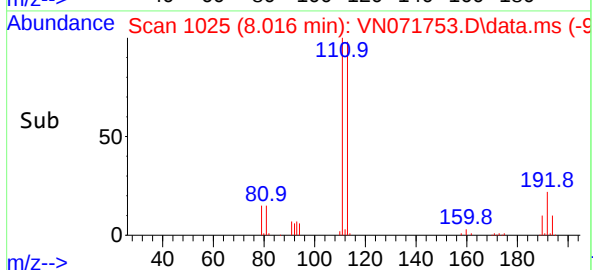
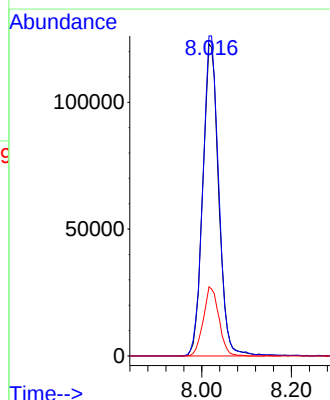
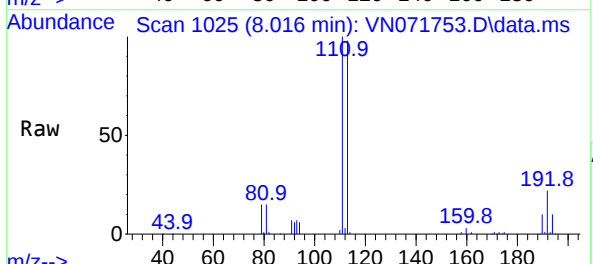
Tgt Ion:113 Resp: 302622

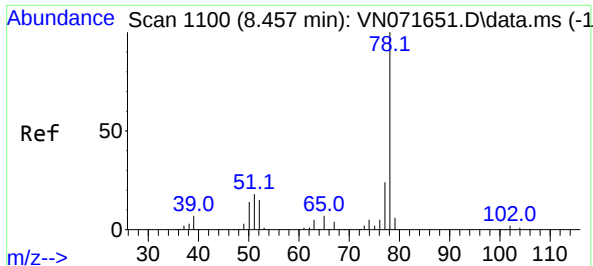
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 21.7 17.0 25.6





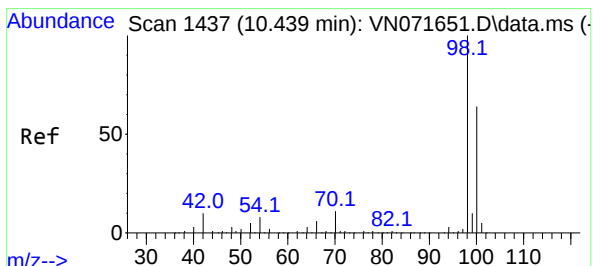
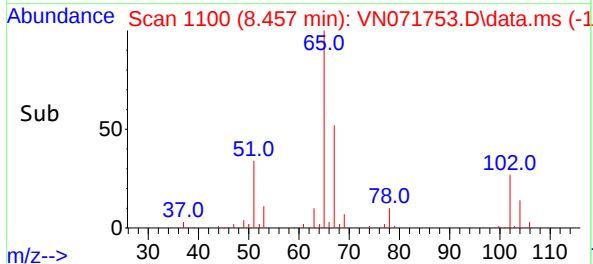
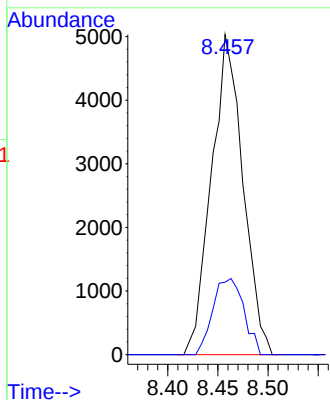
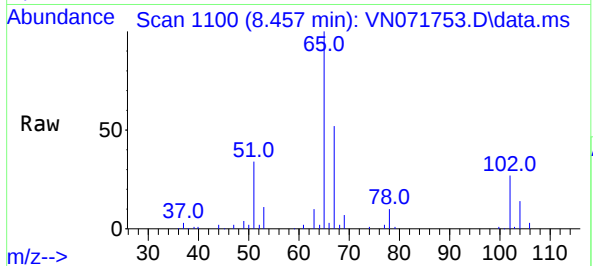
#40  
Benzene  
Concen: 0.406 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 78 Resp: 10992  
Ion Ratio Lower Upper  
78 100  
77 22.6 19.4 29.0

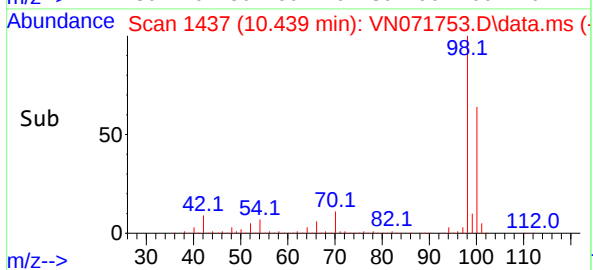
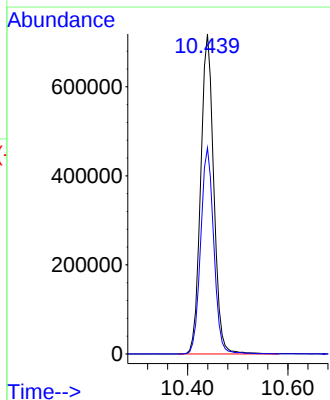
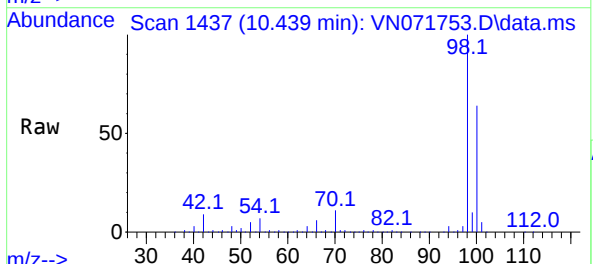
Manual Integrations  
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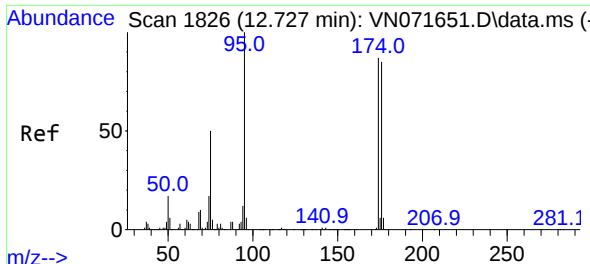
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022



#50  
Toluene-d8  
Concen: 51.817 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

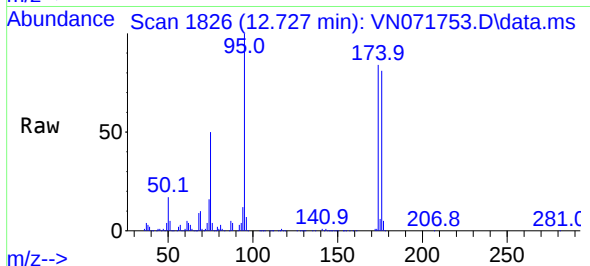
Tgt Ion: 98 Resp: 1301029  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8





#62  
4-Bromofluorobenzene  
Concen: 55.807 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19

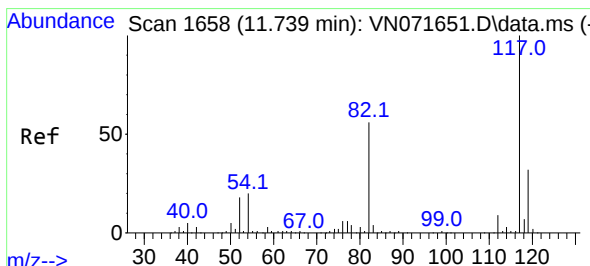
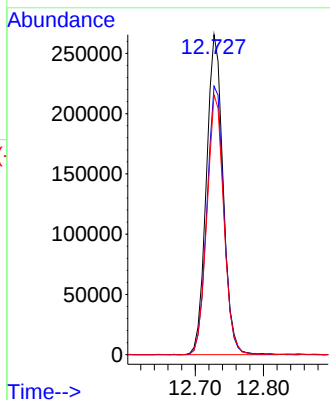
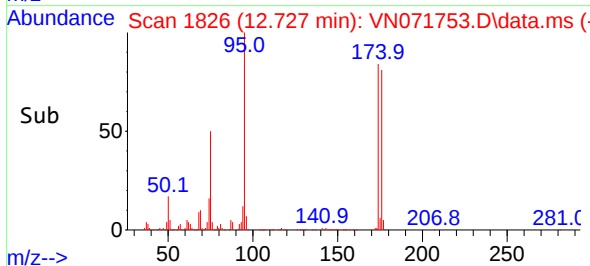
Instrument :  
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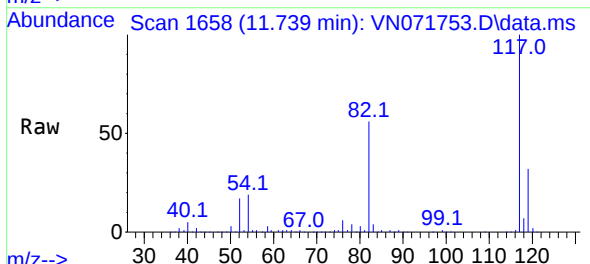
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95 100  
174 85.0 0.0 167.6  
176 81.6 0.0 163.4

Manual Integrations  
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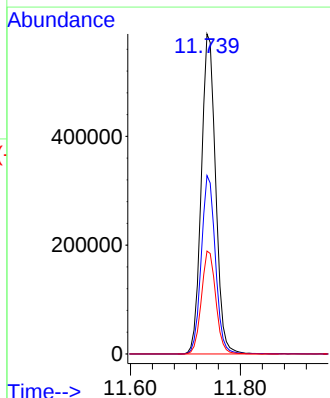
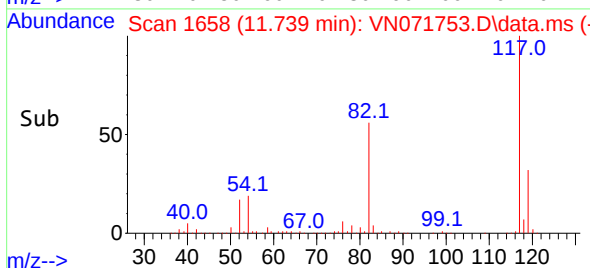
Reviewed By :John Carlone 04/02/2022  
Supervised By :Mahesh Dadoda 04/02/2022

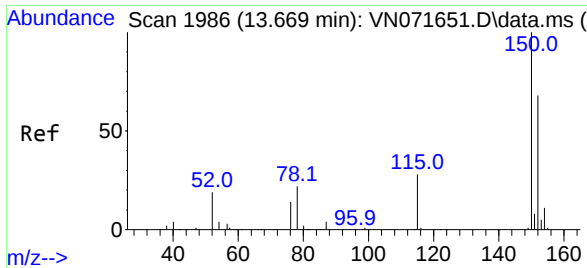


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN071753.D  
Acq: 01 Apr 2022 15:19



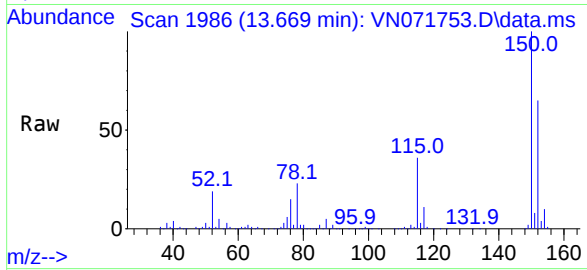
Tgt Ion:117 Resp: 1064153  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.2 66.2  
119 32.2 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.669 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN071753.D  
 Acq: 01 Apr 2022 15:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-47



Tgt Ion:152 Resp: 406798  
 Ion Ratio Lower Upper  
 152 100  
 115 56.9 28.9 86.7  
 150 157.1 0.0 356.2

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