

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062522\  
 Data File : VN073108.D  
 Acq On : 25 Jun 2022 14:16  
 Operator : JC\MD  
 Sample : N3431-11  
 Misc : 4.88g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14B-2-3-GR

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/27/2022  
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jun 27 03:39:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|-----------|--------|----------|
| -----                       |                |      |            |           |        |          |
| Internal Standards          |                |      |            |           |        |          |
| 1) Pentafluorobenzene       | 8.010          | 168  | 361391     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.898          | 114  | 565932     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680         | 117  | 518907     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610         | 152  | 393380     | 50.000    | ug/l   | 0.00     |
|                             |                |      |            |           |        |          |
| System Monitoring Compounds |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.363          | 65   | 200912     | 41.121    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 82.240%   |        |          |
| 35) Dibromofluoromethane    | 7.945          | 113  | 171081     | 48.909    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 97.820%   |        |          |
| 50) Toluene-d8              | 10.374         | 98   | 715719     | 54.988    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 109.980%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.668         | 95   | 423185     | 90.417    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 180.840%# |        |          |
|                             |                |      |            |           |        |          |
| Target Compounds            |                |      |            |           |        |          |
| 17) Carbon Disulfide        | 4.381          | 76   | 10159      | 1.146     | ug/l   | 97       |
| 18) Methyl Acetate          | 4.775          | 43   | 78820      | 11.021    | ug/l   | 93       |
| 39) Methylcyclohexane       | 9.386          | 83   | 980239     | 171.818   | ug/l   | 95       |
| 73) Isopropylbenzene        | 12.515         | 105  | 225505     | 7.410     | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.439         | 105  | 334081     | 10.939    | ug/l # | 76       |
| 89) n-Butylbenzene          | 13.880         | 91   | 151895     | 7.523     | ug/l   | 98       |
| -----                       |                |      |            |           |        |          |

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

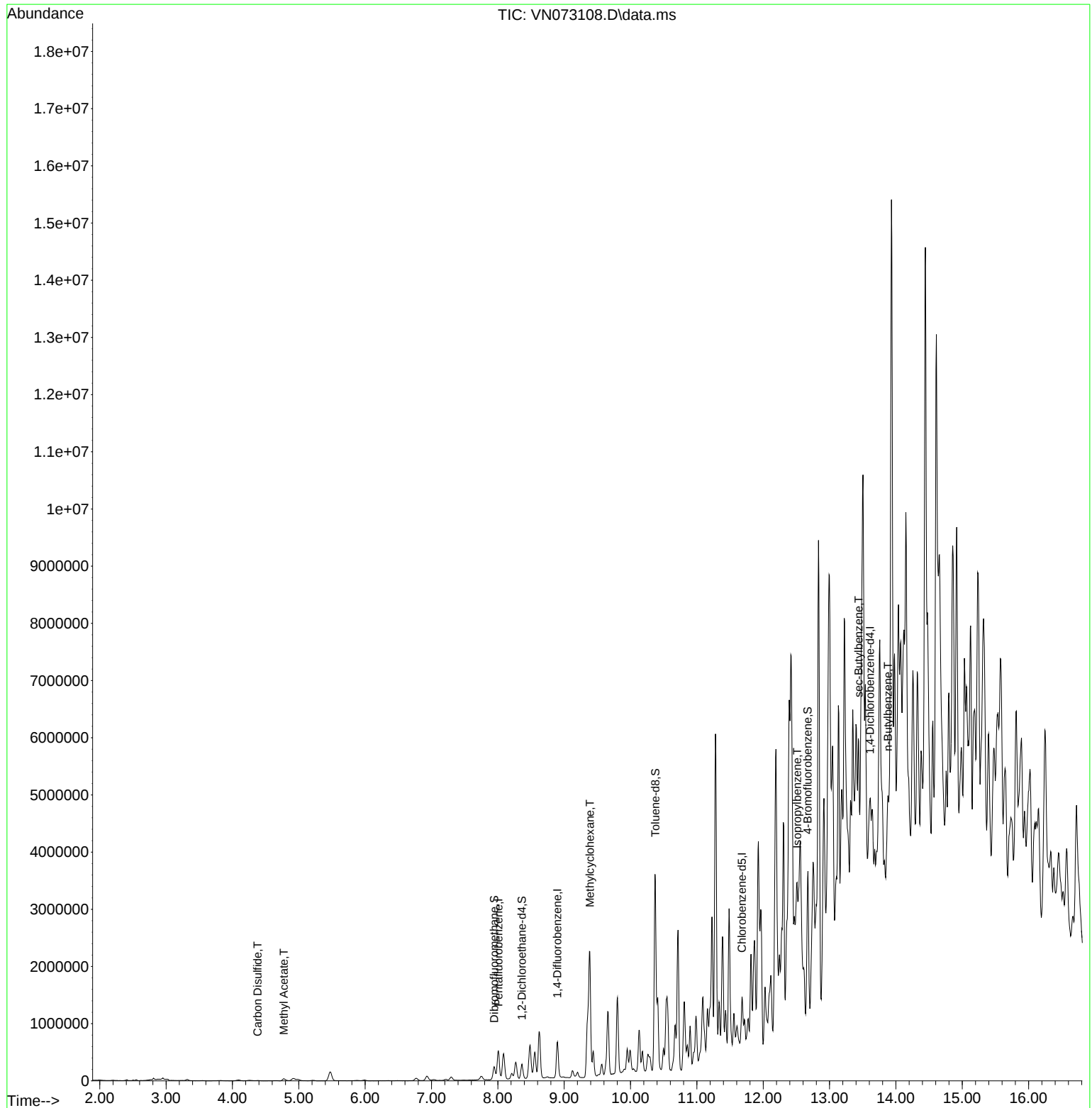
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062522\  
Data File : VN073108.D  
Acq On : 25 Jun 2022 14:16  
Operator : JC\MD  
Sample : N3431-11  
Misc : 4.88g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 11 Sample Multiplier: 1

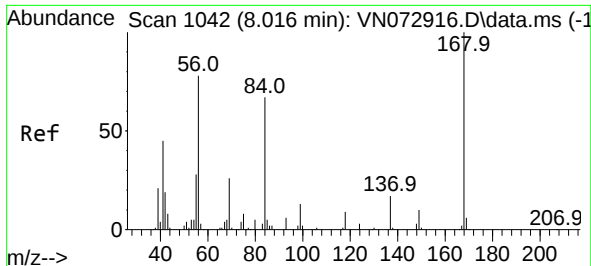
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-2-3-GR

Quant Time: Jun 27 03:39:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

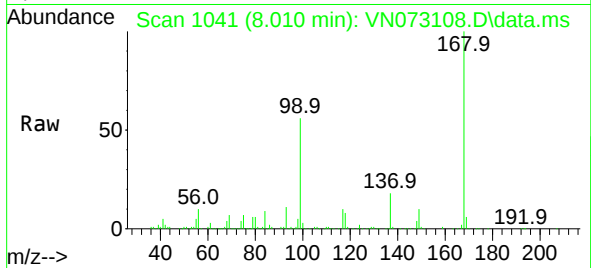
Reviewed By :John Carlone 06/27/2022  
Supervised By :Mahesh Dadoda 07/08/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.010 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

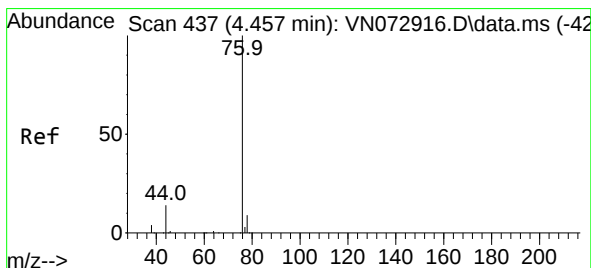
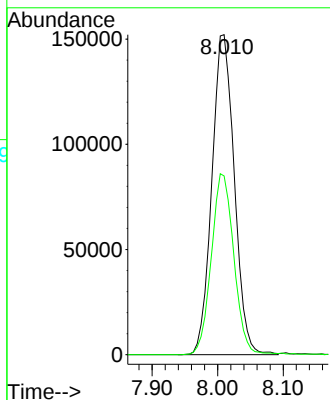
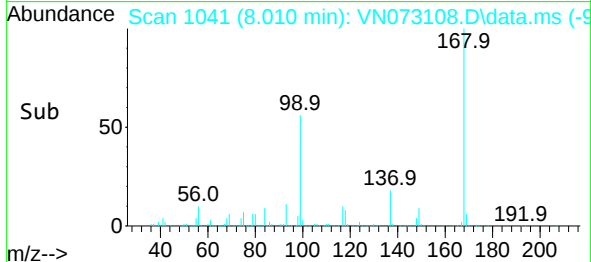
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-2-3-GR



Tgt Ion:168 Resp: 36139  
Ion Ratio Lower Upper  
168 100  
99 55.8 42.3 63.5

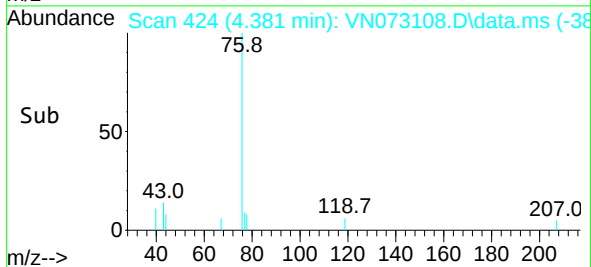
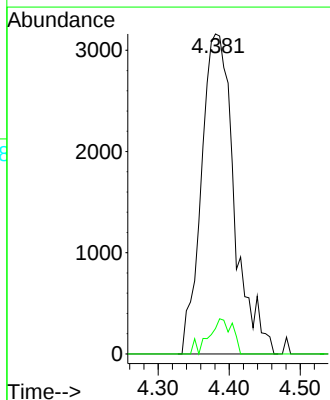
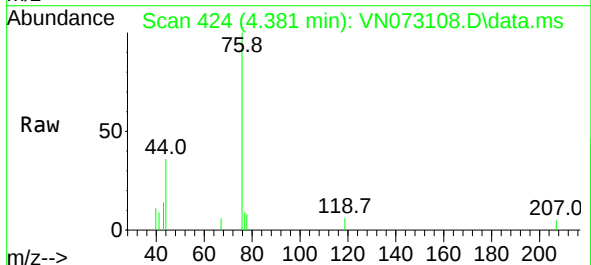
Manual Integrations  
APPROVED

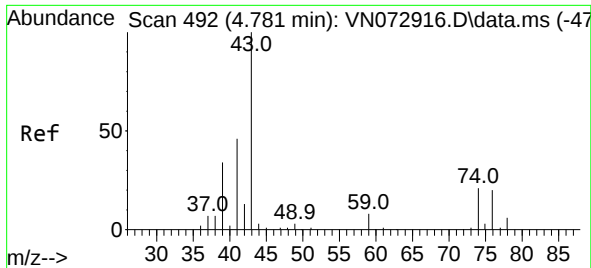
Reviewed By :John Carlone 06/27/2022  
Supervised By :Mahesh Dadoda 07/08/2022



#17  
Carbon Disulfide  
Concen: 1.146 ug/l  
RT: 4.381 min Scan# 424  
Delta R.T. -0.076 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

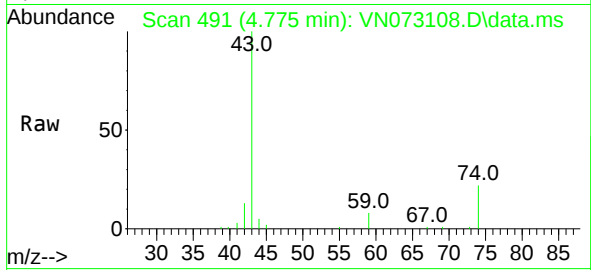
Tgt Ion: 76 Resp: 10159  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.2 10.8





#18  
Methyl Acetate  
Concen: 11.021 ug/l  
RT: 4.775 min Scan# 491  
Delta R.T. -0.006 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

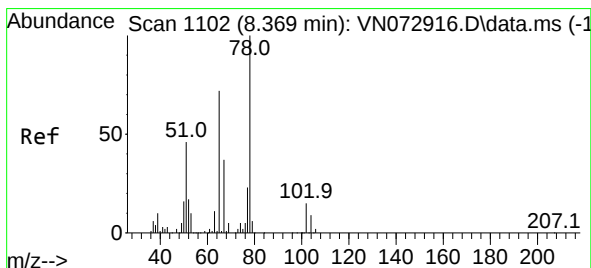
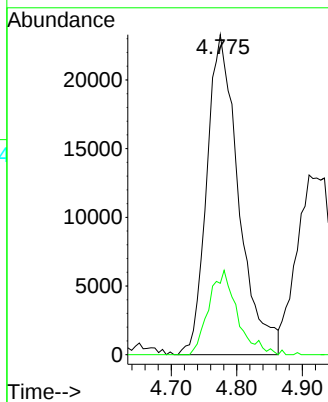
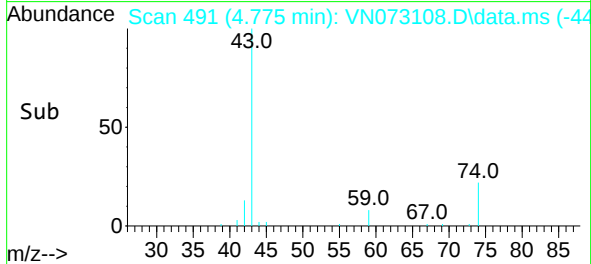
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-2-3-GR



Tgt Ion: 43 Resp: 78820  
Ion Ratio Lower Upper  
43 100  
74 23.4 21.6 32.4

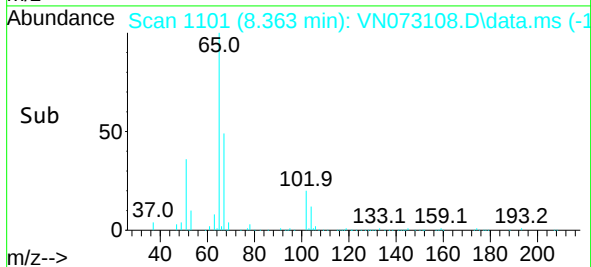
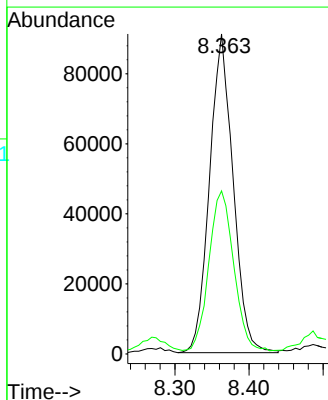
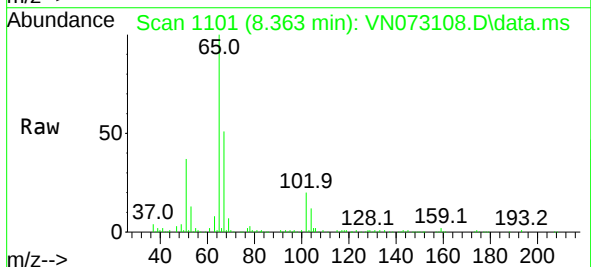
Manual Integrations  
APPROVED

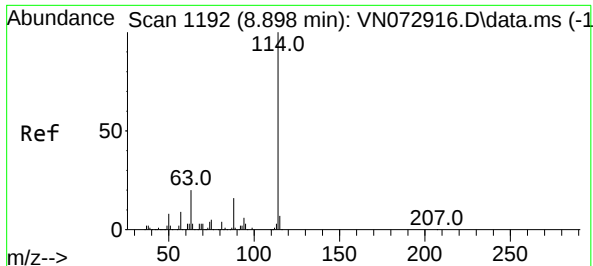
Reviewed By :John Carlone 06/27/2022  
Supervised By :Mahesh Dadoda 07/08/2022



#33  
1,2-Dichloroethane-d4  
Concen: 41.121 ug/l  
RT: 8.363 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

Tgt Ion: 65 Resp: 200912  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073108.D

Acq: 25 Jun 2022 14:16

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-2-3-GR

Tgt Ion:114 Resp: 56593

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

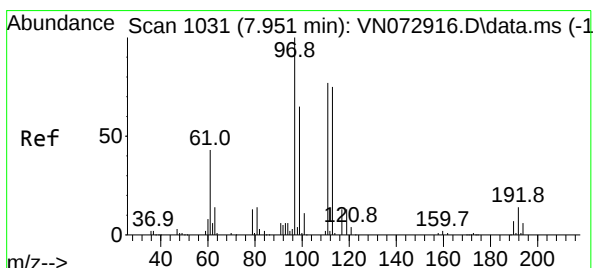
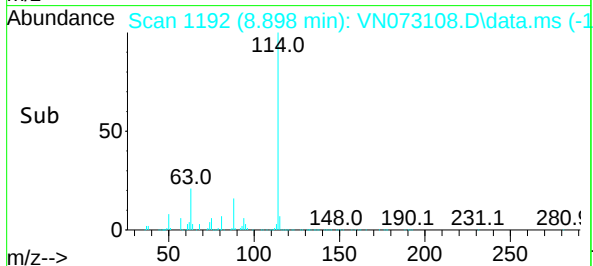
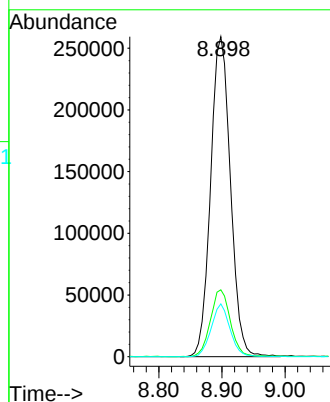
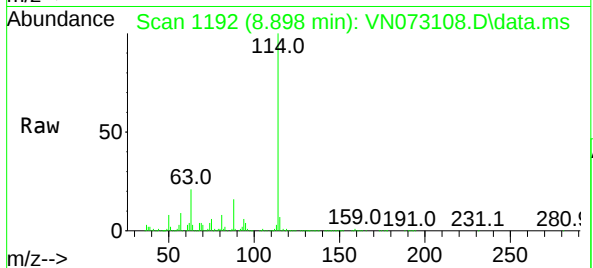
88 16.5 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 07/08/2022



#35

Dibromofluoromethane

Concen: 48.909 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073108.D

Acq: 25 Jun 2022 14:16

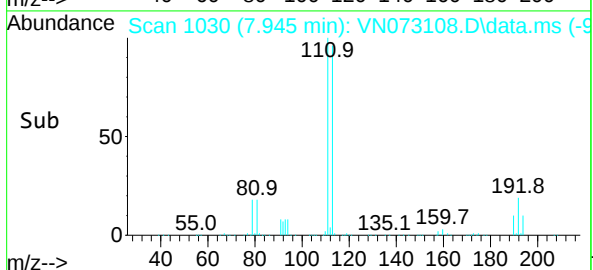
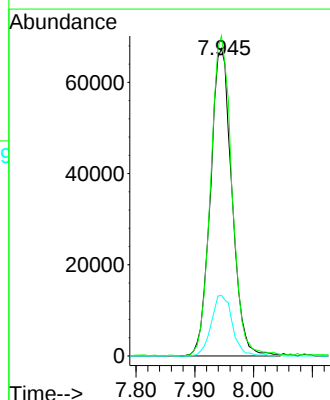
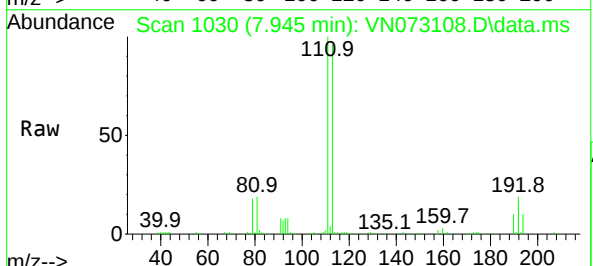
Tgt Ion:113 Resp: 171081

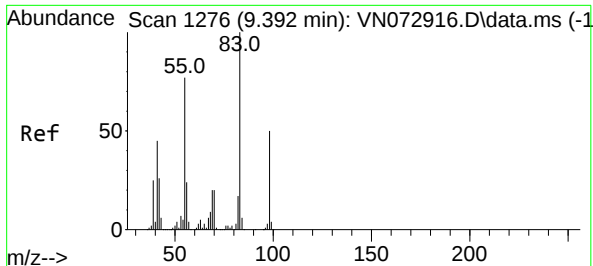
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.4 17.0 25.6





#39

Methylcyclohexane

Concen: 171.818 ug/l

RT: 9.386 min Scan# 1276

Delta R.T. -0.006 min

Lab File: VN073108.D

Acq: 25 Jun 2022 14:16

Instrument :

MSVOA\_N

ClientSampleId :

WC-14B-2-3-GR

Tgt Ion: 83 Resp: 980239

Ion Ratio Lower Upper

83 100

55 78.5 57.8 86.8

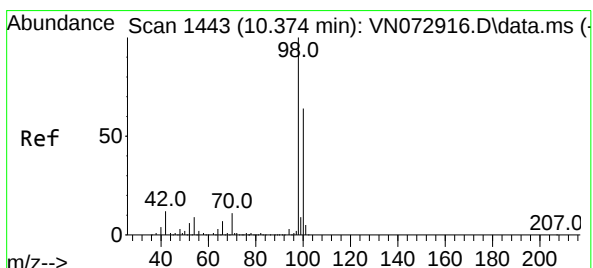
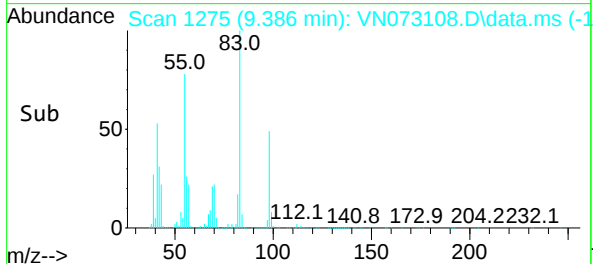
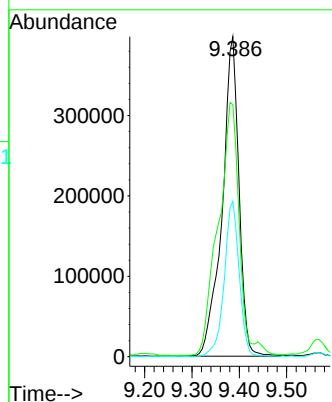
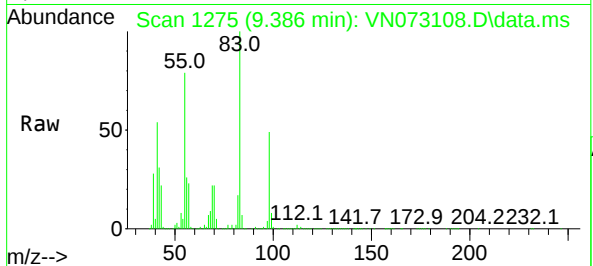
98 48.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 07/08/2022



#50

Toluene-d8

Concen: 54.988 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073108.D

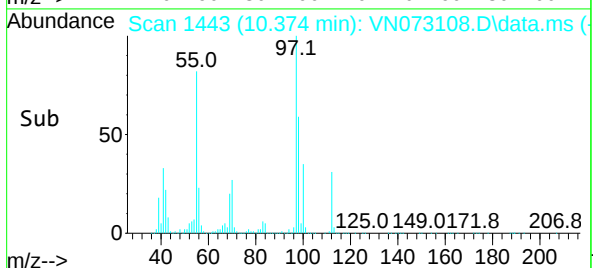
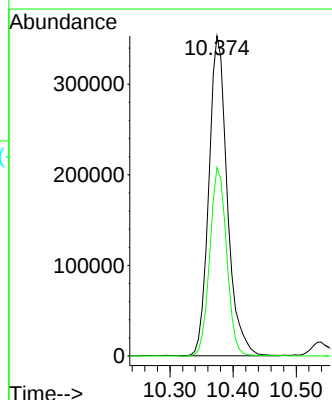
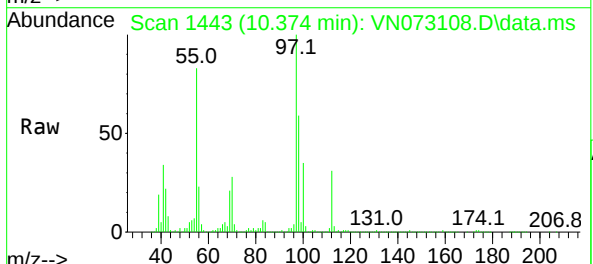
Acq: 25 Jun 2022 14:16

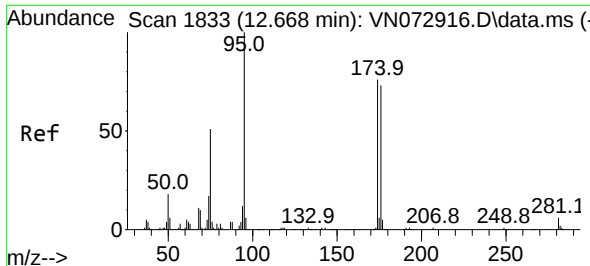
Tgt Ion: 98 Resp: 715719

Ion Ratio Lower Upper

98 100

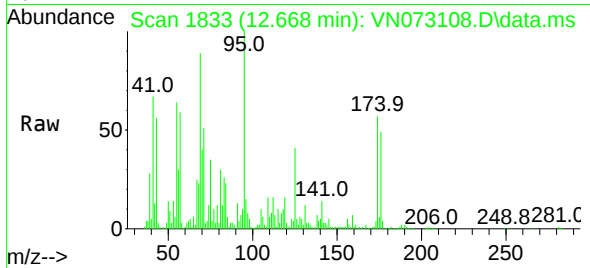
100 53.9 52.6 78.8





#62  
4-Bromofluorobenzene  
Concen: 90.417 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

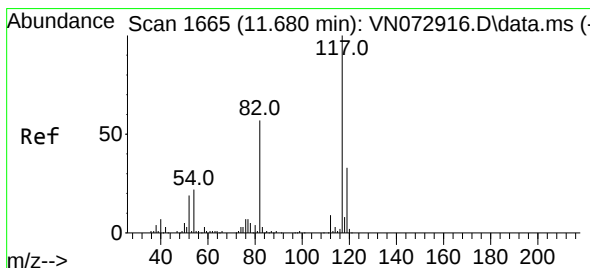
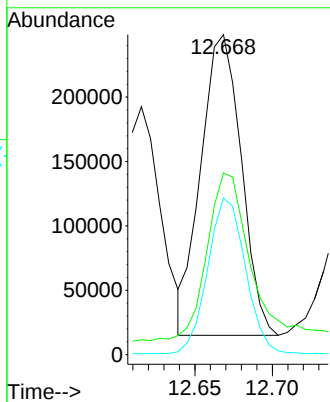
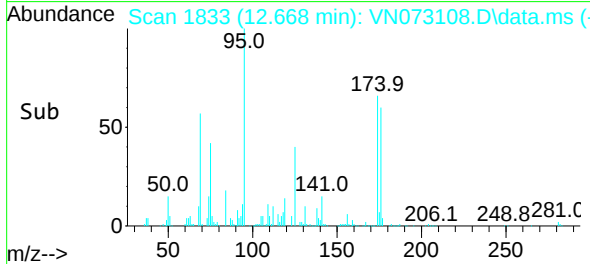
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-2-3-GR



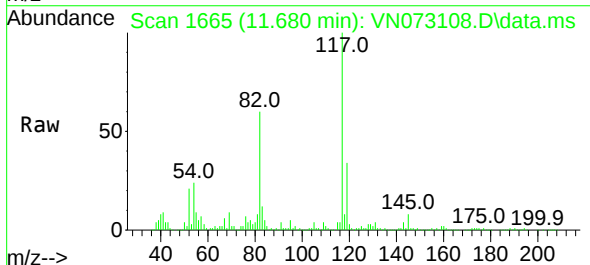
Tgt Ion: 95 Resp: 42318  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 167.6  
176 48.9 0.0 163.4

Manual Integrations  
APPROVED

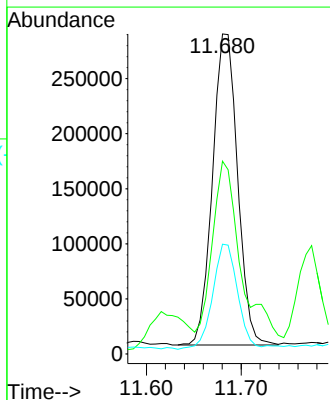
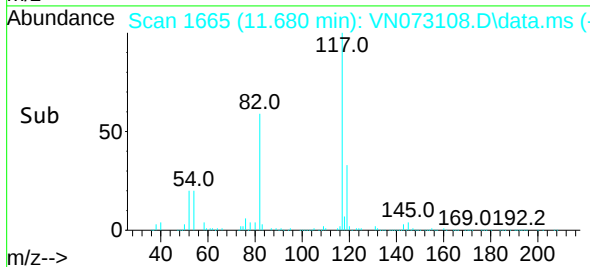
Reviewed By :John Carlone 06/27/2022  
Supervised By :Mahesh Dadoda 07/08/2022

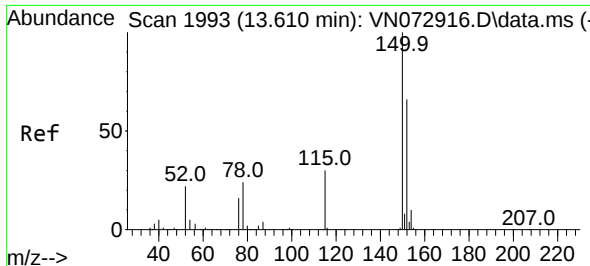


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16



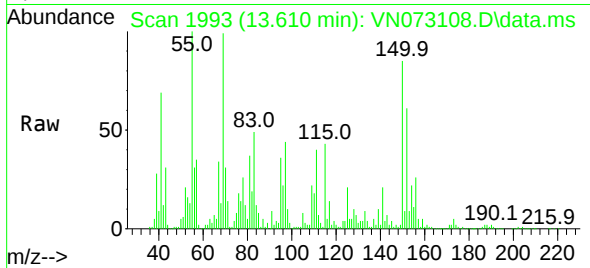
Tgt Ion:117 Resp: 518907  
Ion Ratio Lower Upper  
117 100  
82 56.0 44.2 66.2  
119 33.8 25.4 38.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16

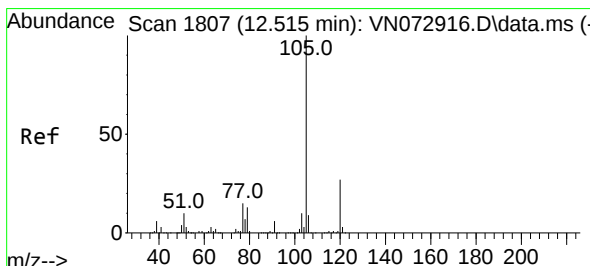
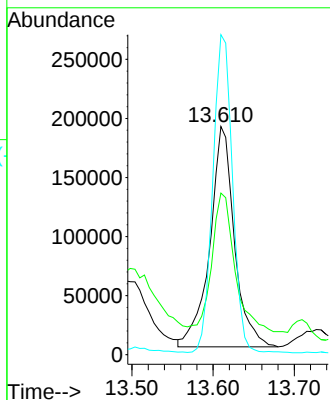
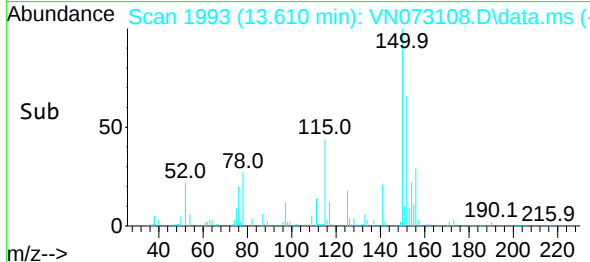
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-14B-2-3-GR



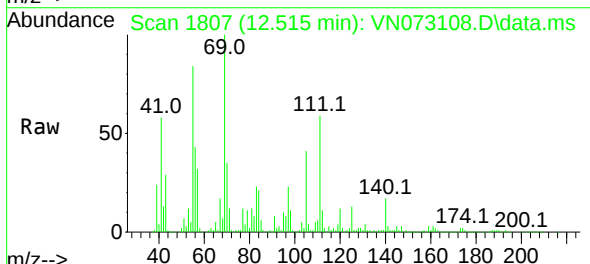
Tgt Ion:152 Resp: 393380  
Ion Ratio Lower Upper  
152 100  
115 65.4 28.9 86.7  
150 115.8 0.0 356.2

Manual Integrations  
APPROVED

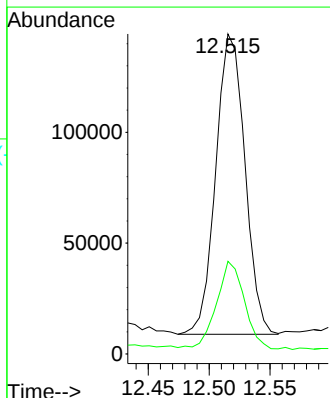
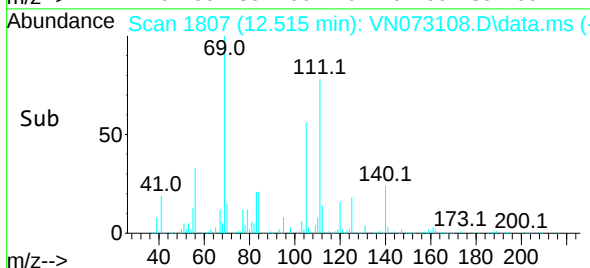
Reviewed By :John Carlone 06/27/2022  
Supervised By :Mahesh Dadoda 07/08/2022

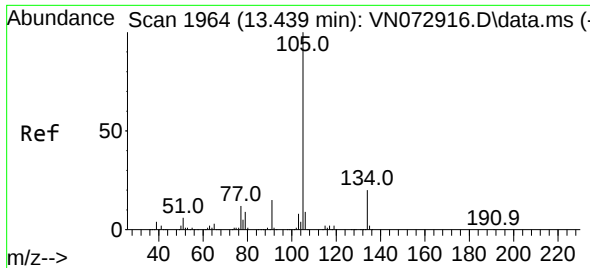


#73  
Isopropylbenzene  
Concen: 7.410 ug/l  
RT: 12.515 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN073108.D  
Acq: 25 Jun 2022 14:16



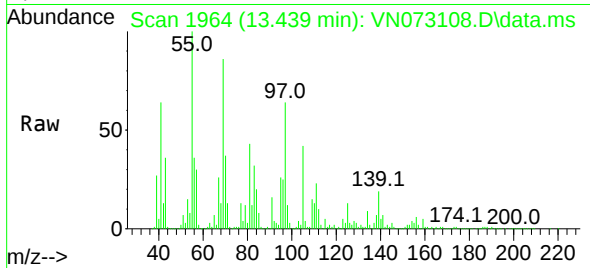
Tgt Ion:105 Resp: 225505  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.5 40.4





#85  
 sec-Butylbenzene  
 Concen: 10.939 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. -0.000 min  
 Lab File: VN073108.D  
 Acq: 25 Jun 2022 14:16

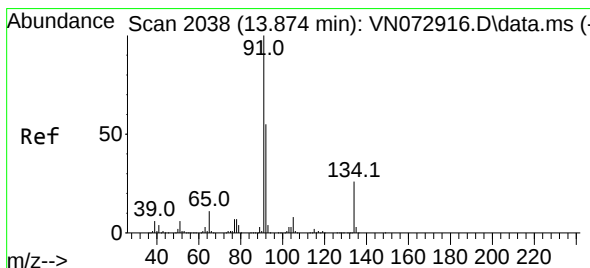
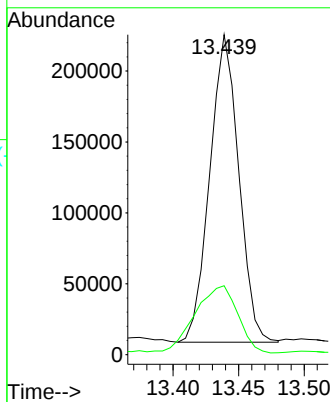
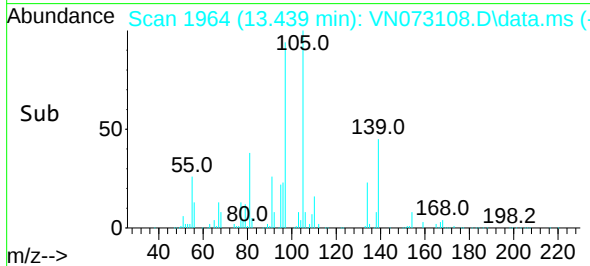
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-14B-2-3-GR



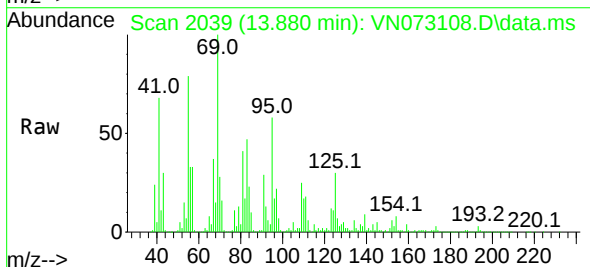
Tgt Ion:105 Resp: 33408  
 Ion Ratio Lower Upper  
 105 100  
 134 32.0 10.4 31.1

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 06/27/2022  
 Supervised By :Mahesh Dadoda 07/08/2022



#89  
 n-Butylbenzene  
 Concen: 7.523 ug/l  
 RT: 13.880 min Scan# 2039  
 Delta R.T. 0.006 min  
 Lab File: VN073108.D  
 Acq: 25 Jun 2022 14:16



Tgt Ion: 91 Resp: 151895  
 Ion Ratio Lower Upper  
 91 100  
 92 55.5 26.9 80.7  
 134 27.1 13.6 40.8

