

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091922\  
 Data File : VN074585.D  
 Acq On : 19 Sep 2022 14:50  
 Operator : JC\MD  
 Sample : N4526-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MID-0907

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/21/2022  
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 04:19:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 257089     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 495269     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686         | 117  | 490938     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615         | 152  | 207490     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375          | 65   | 209503     | 48.028   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 96.060%  |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 168011     | 51.067   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 102.140% |        |          |
| 50) Toluene-d8              | 10.380         | 98   | 608957     | 47.860   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 95.720%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.674         | 95   | 237819     | 54.574   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 109.140% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.275          | 59   | 28754m     | 20.235   | ug/l   |          |
| 19) Methyl tert-butyl Ether | 5.534          | 73   | 12936m     | 0.906    | ug/l   |          |
| 31) Cyclohexane             | 8.016          | 56   | 17931      | 2.316    | ug/l # | 68       |
| 40) Benzene                 | 8.386          | 78   | 32168      | 1.786    | ug/l   | 97       |
| -----                       |                |      |            |          |        |          |

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

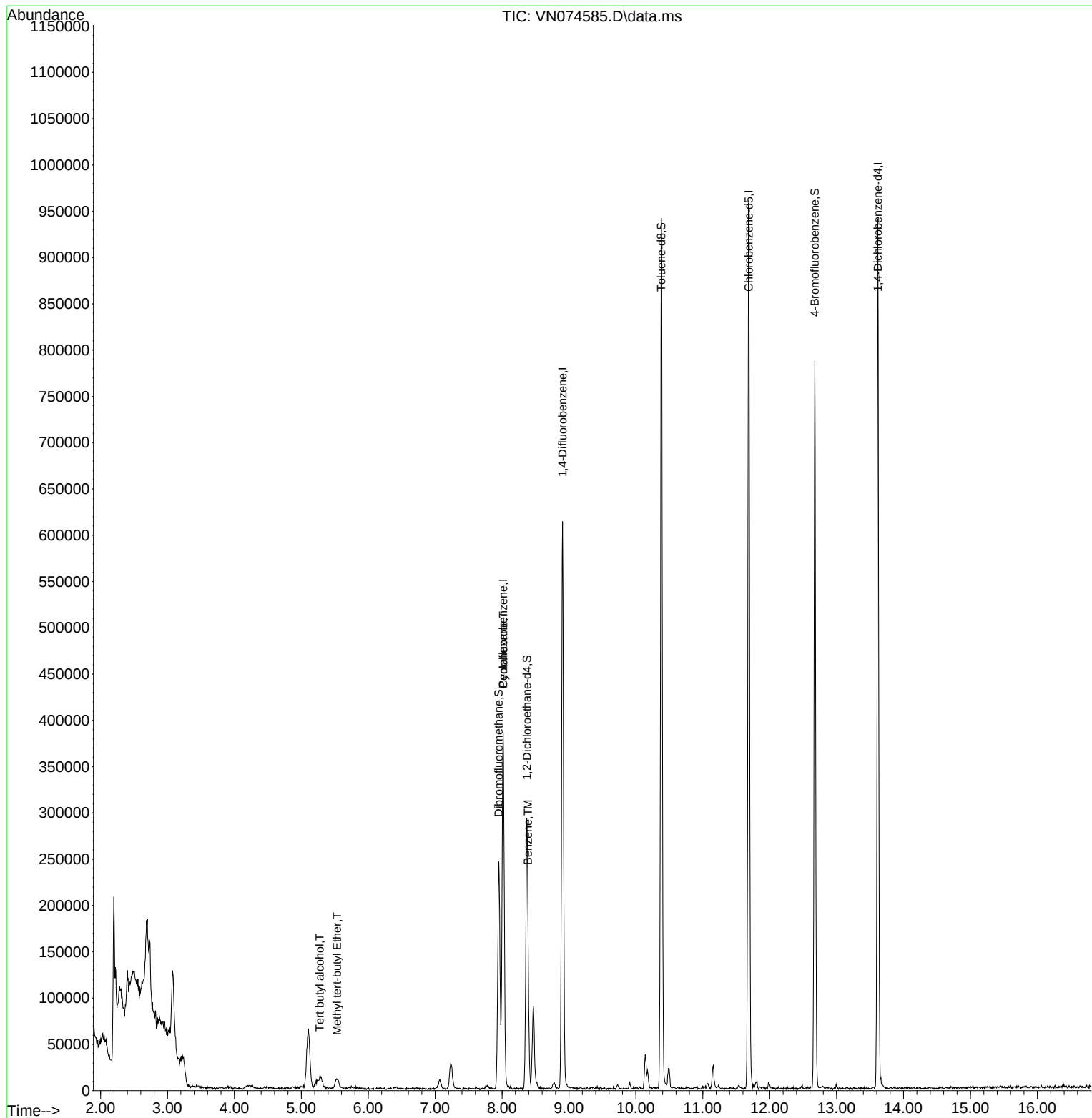
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091922\  
Data File : VN074585.D  
Acq On : 19 Sep 2022 14:50  
Operator : JC\MD  
Sample : N4526-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

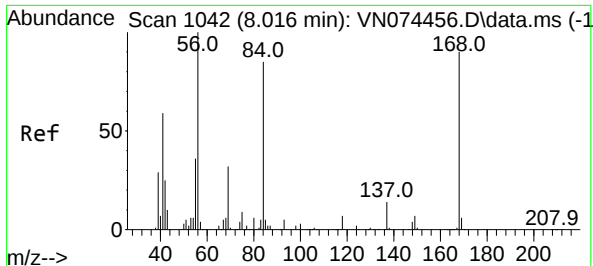
Instrument :  
MSVOA\_N  
ClientSampleId :  
MID-0907

Quant Time: Sep 20 04:19:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

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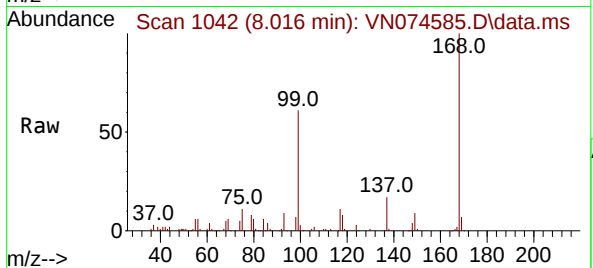
Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

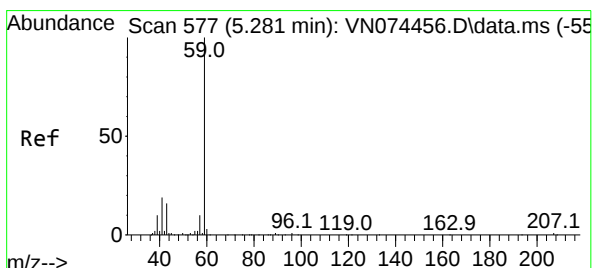
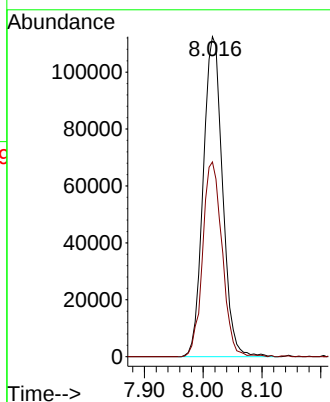
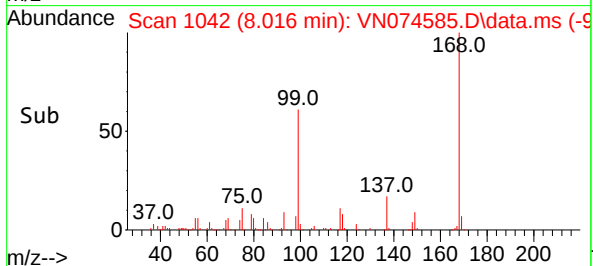
Instrument :  
MSVOA\_N  
ClientSampleId :  
MID-0907



Tgt Ion:168 Resp: 257089  
Ion Ratio Lower Upper  
168 100  
99 60.8 42.3 63.5

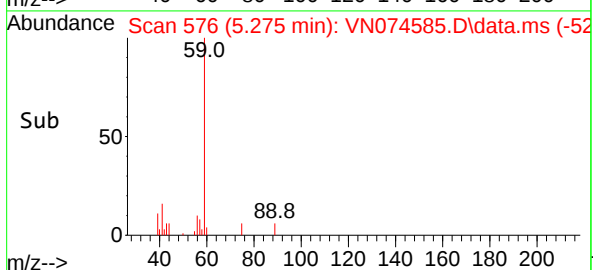
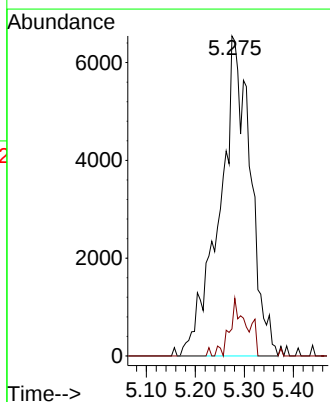
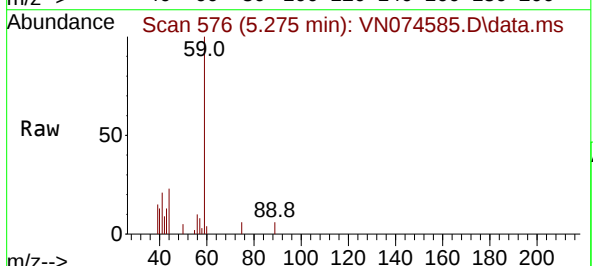
Manual Integrations  
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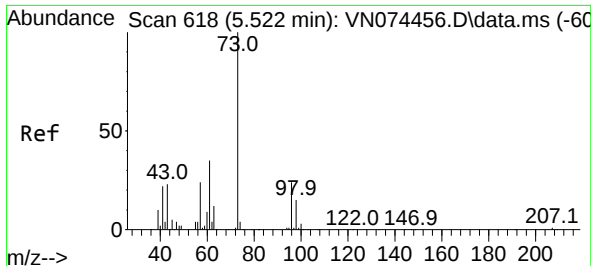
Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#11  
Tert butyl alcohol  
Concen: 20.235 ug/l m  
RT: 5.275 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

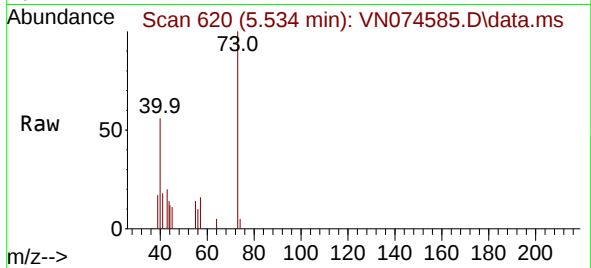
Tgt Ion: 59 Resp: 28754  
Ion Ratio Lower Upper  
59 100  
57 8.0 8.3 12.5#





#19  
Methyl tert-butyl Ether  
Concen: 0.906 ug/l m  
RT: 5.534 min Scan# 618  
Delta R.T. 0.012 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

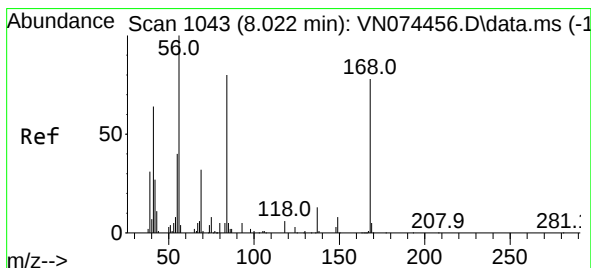
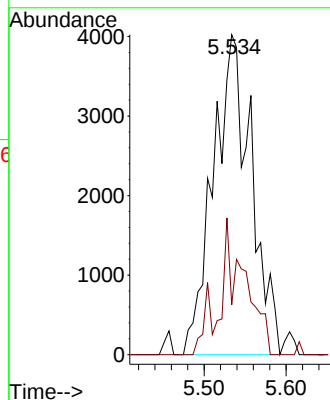
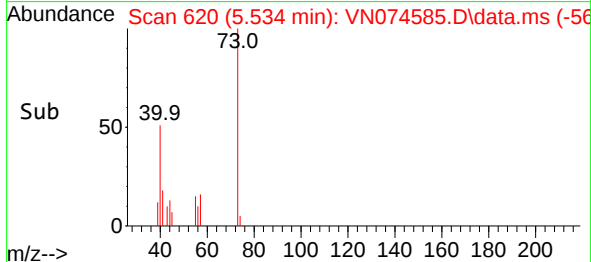
Instrument :  
MSVOA\_N  
ClientSampleId :  
MID-0907



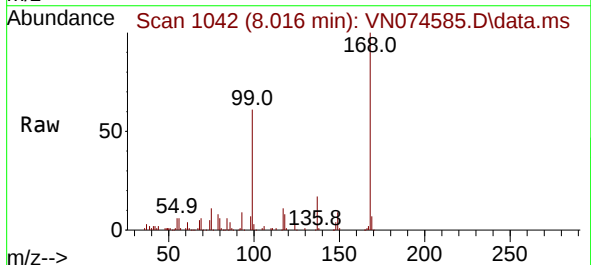
Tgt Ion: 73 Resp: 12930  
Ion Ratio Lower Upper  
73 100  
57 15.6 17.6 26.4

Manual Integrations  
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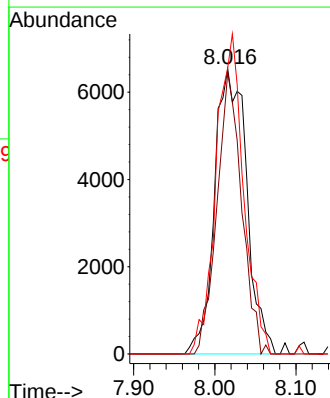
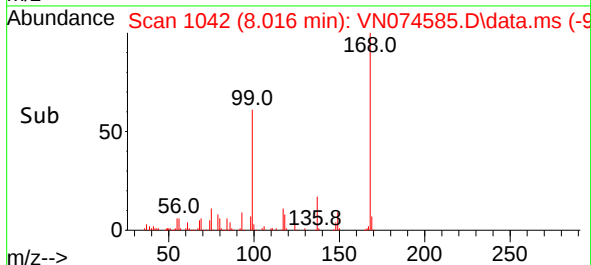
Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022

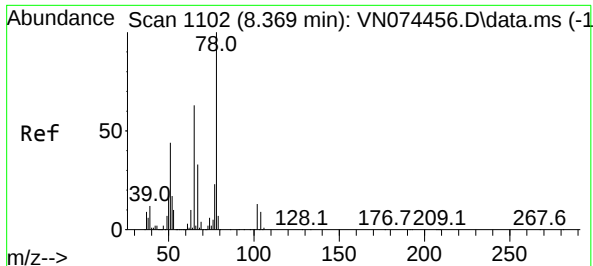


#31  
Cyclohexane  
Concen: 2.316 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50



Tgt Ion: 56 Resp: 17931  
Ion Ratio Lower Upper  
56 100  
69 98.6 27.8 41.8  
84 100.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 48.028 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074585.D

Acq: 19 Sep 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

MID-0907

Tgt Ion: 65 Resp: 20950

Ion Ratio Lower Upper

65 100

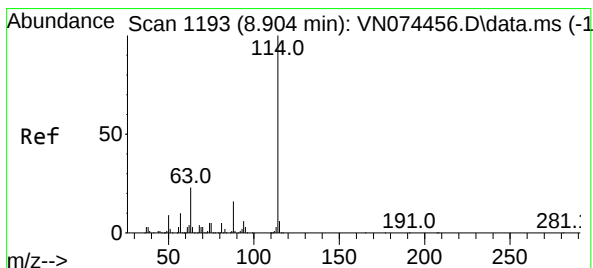
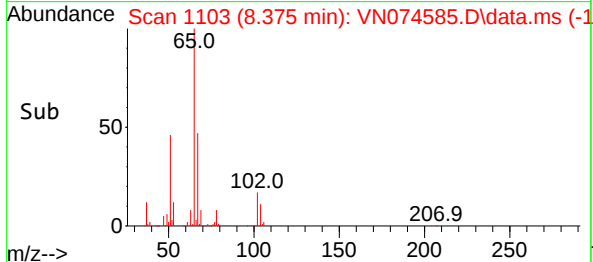
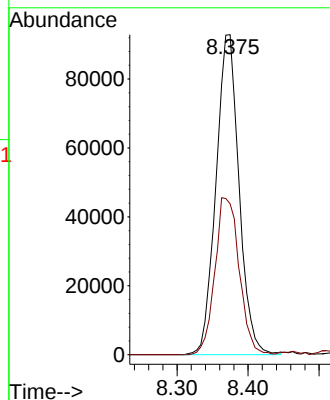
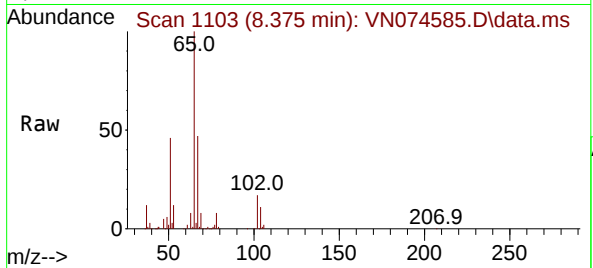
67 51.6 0.0 104.8

Manual Integrations

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Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074585.D

Acq: 19 Sep 2022 14:50

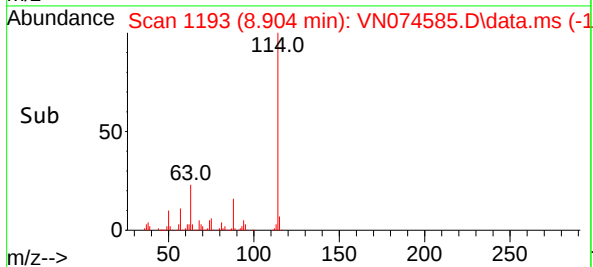
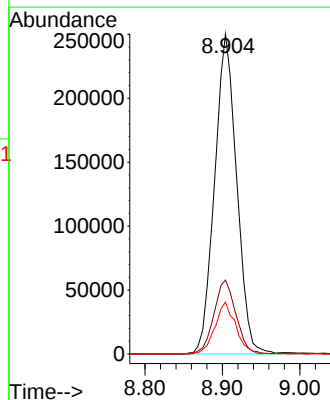
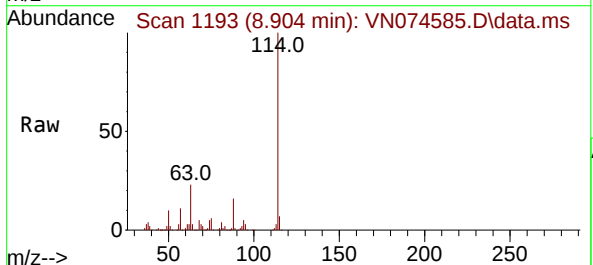
Tgt Ion:114 Resp: 495269

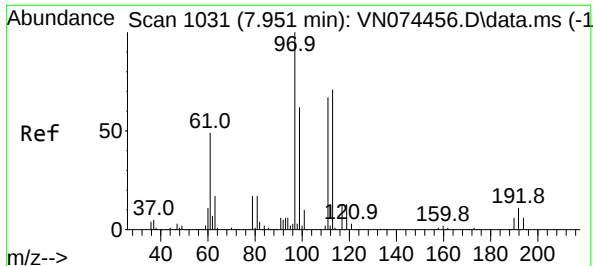
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

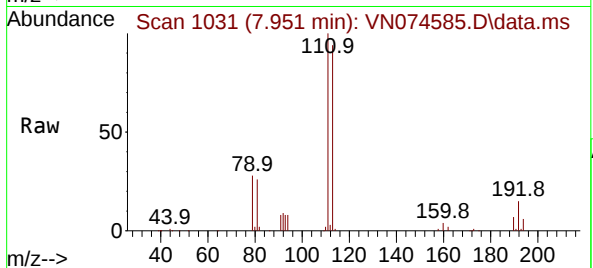
88 16.2 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 51.067 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

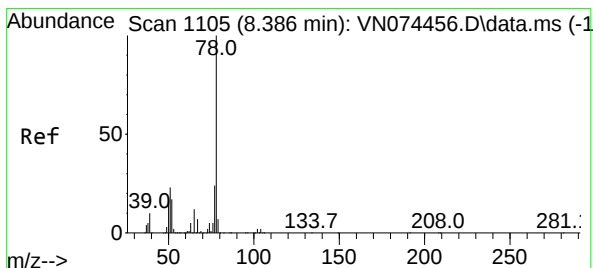
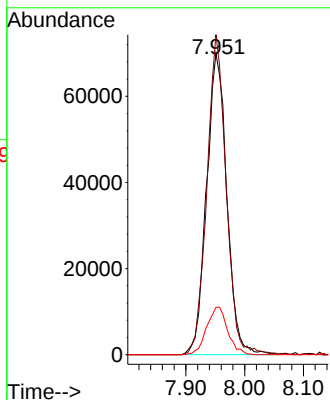
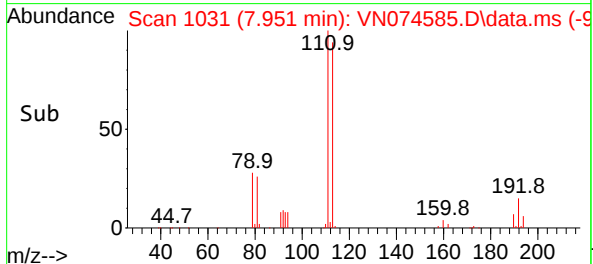
Instrument :  
MSVOA\_N  
ClientSampleId :  
MID-0907



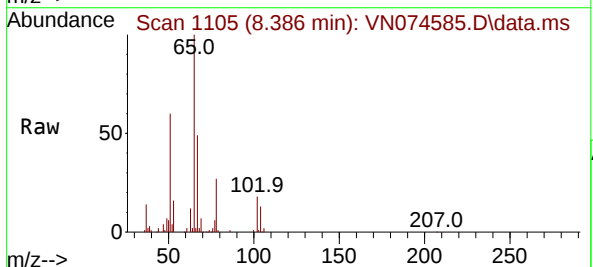
Tgt Ion: 113 Resp: 16801  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.4 122.0  
192 16.3 17.0 25.6

Manual Integrations  
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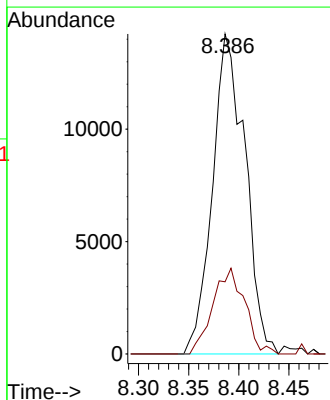
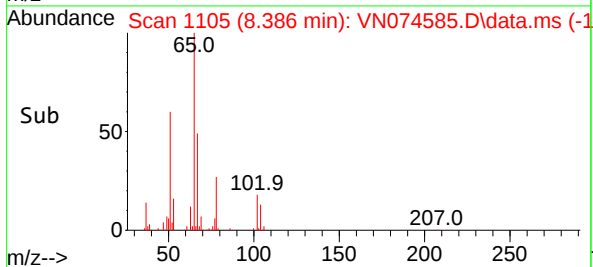
Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022

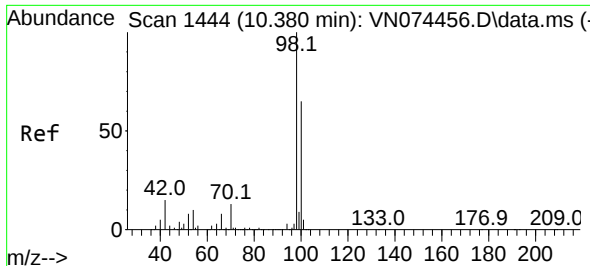


#40  
Benzene  
Concen: 1.786 ug/l  
RT: 8.386 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50



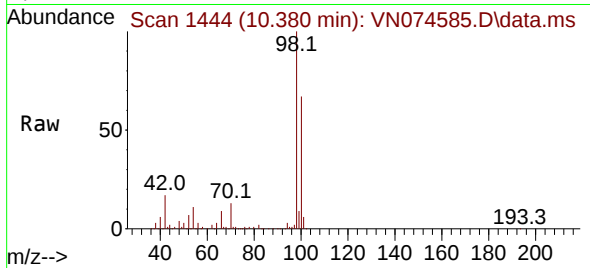
Tgt Ion: 78 Resp: 32168  
Ion Ratio Lower Upper  
78 100  
77 22.6 19.4 29.0





#50  
Toluene-d8  
Concen: 47.860 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

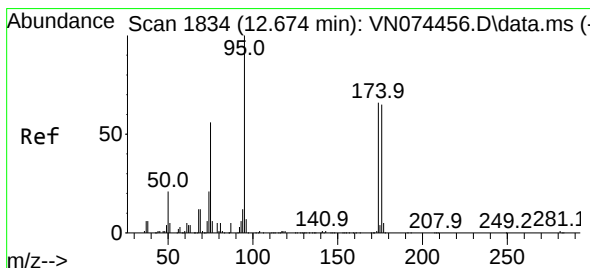
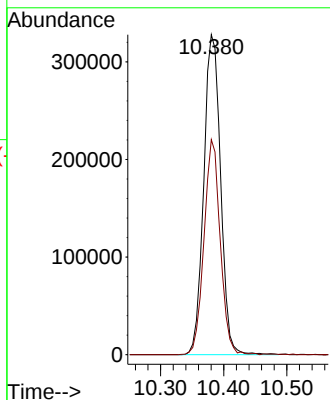
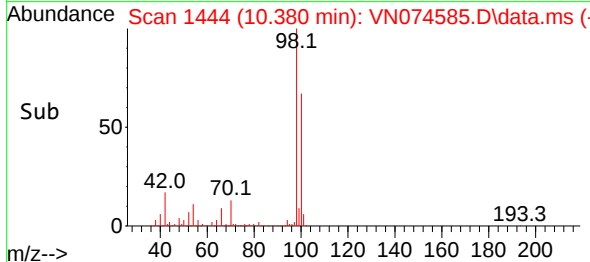
Instrument :  
MSVOA\_N  
ClientSampleId :  
MID-0907



Tgt Ion: 98 Resp: 60895  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8

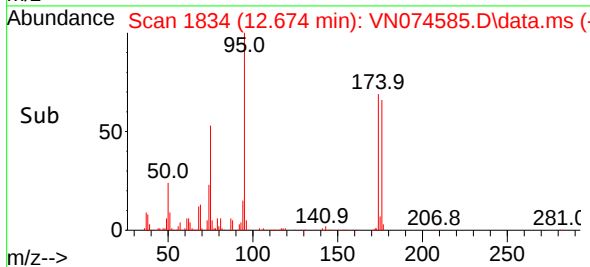
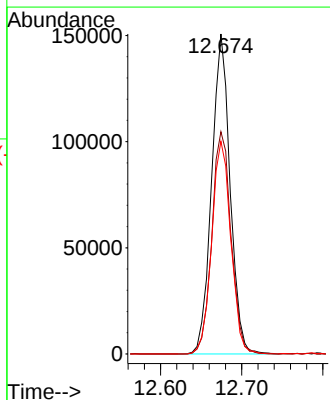
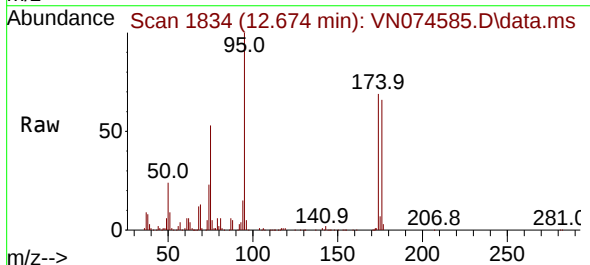
Manual Integrations  
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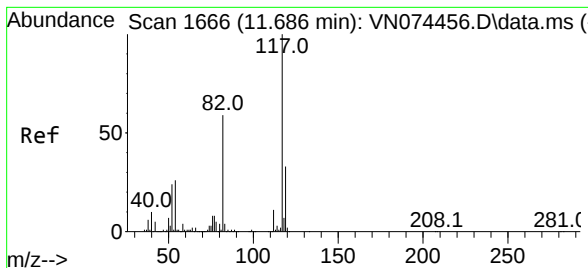
Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#62  
4-Bromofluorobenzene  
Concen: 54.574 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

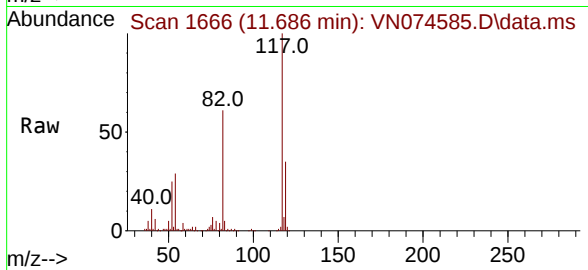
Tgt Ion: 95 Resp: 237819  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 167.6  
176 68.7 0.0 163.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50

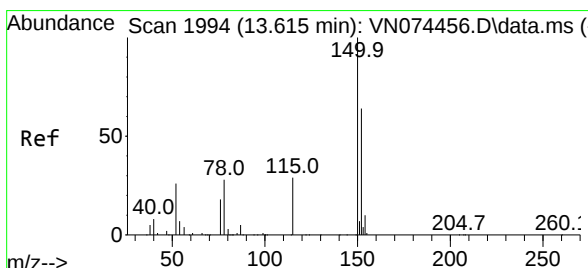
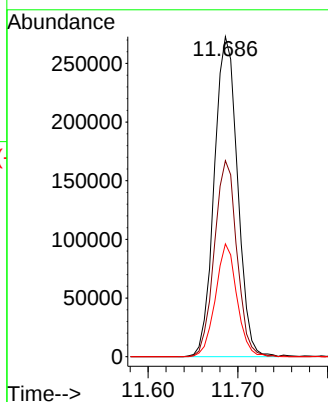
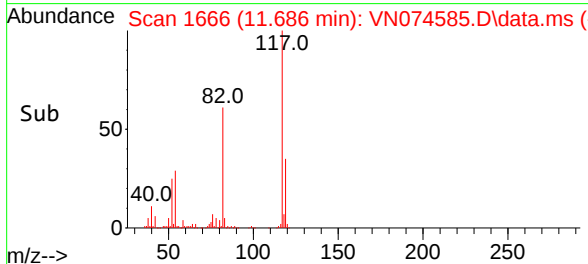
Instrument :  
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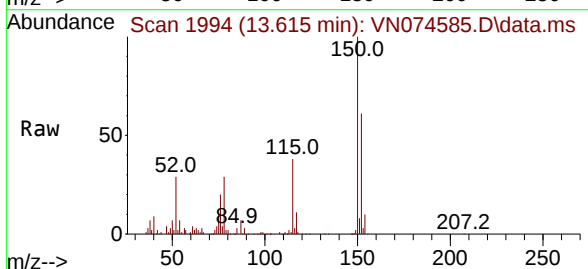
Tgt Ion:117 Resp: 490938  
Ion Ratio Lower Upper  
117 100  
82 61.2 44.2 66.2  
119 35.2 25.4 38.0

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 09/21/2022  
Supervised By :Mahesh Dadoda 09/21/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN074585.D  
Acq: 19 Sep 2022 14:50



Tgt Ion:152 Resp: 207490  
Ion Ratio Lower Upper  
152 100  
115 62.2 28.9 86.7  
150 161.1 0.0 356.2

