

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051322\  
 Data File : VD073019.D  
 Acq On : 14 May 2022 06:16  
 Operator : VA/SY  
 Sample : N2823-05  
 Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SC-5

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 05/16/2022  
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 16 05:21:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 08:33:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 7.973          | 168  | 323724     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861          | 114  | 559459     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.632         | 117  | 568360     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561         | 152  | 268334     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.320          | 65   | 175765     | 41.827   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 83.660%  |        |          |
| 35) Dibromofluoromethane    | 7.908          | 113  | 174470     | 44.404   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 88.800%  |        |          |
| 50) Toluene-d8              | 10.332         | 98   | 731852     | 51.926   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = | 103.860% |        |          |
| 62) 4-Bromofluorobenzene    | 12.620         | 95   | 268307     | 51.054   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = | 102.100% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.226          | 59   | 5745       | 15.801   | ug/l # | 80       |
| 16) Acetone                 | 4.156          | 43   | 74321      | 85.308   | ug/l   | 96       |
| 25) 2-Butanone              | 7.208          | 43   | 31974      | 26.114   | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone    | 10.220         | 43   | 266114     | 94.472   | ug/l   | 97       |
| 52) Toluene                 | 10.402         | 92   | 15873      | 1.379    | ug/l   | 96       |
| 59) 2-Hexanone              | 10.949         | 43   | 38372m     | 20.245   | ug/l   |          |
| -----                       |                |      |            |          |        |          |

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

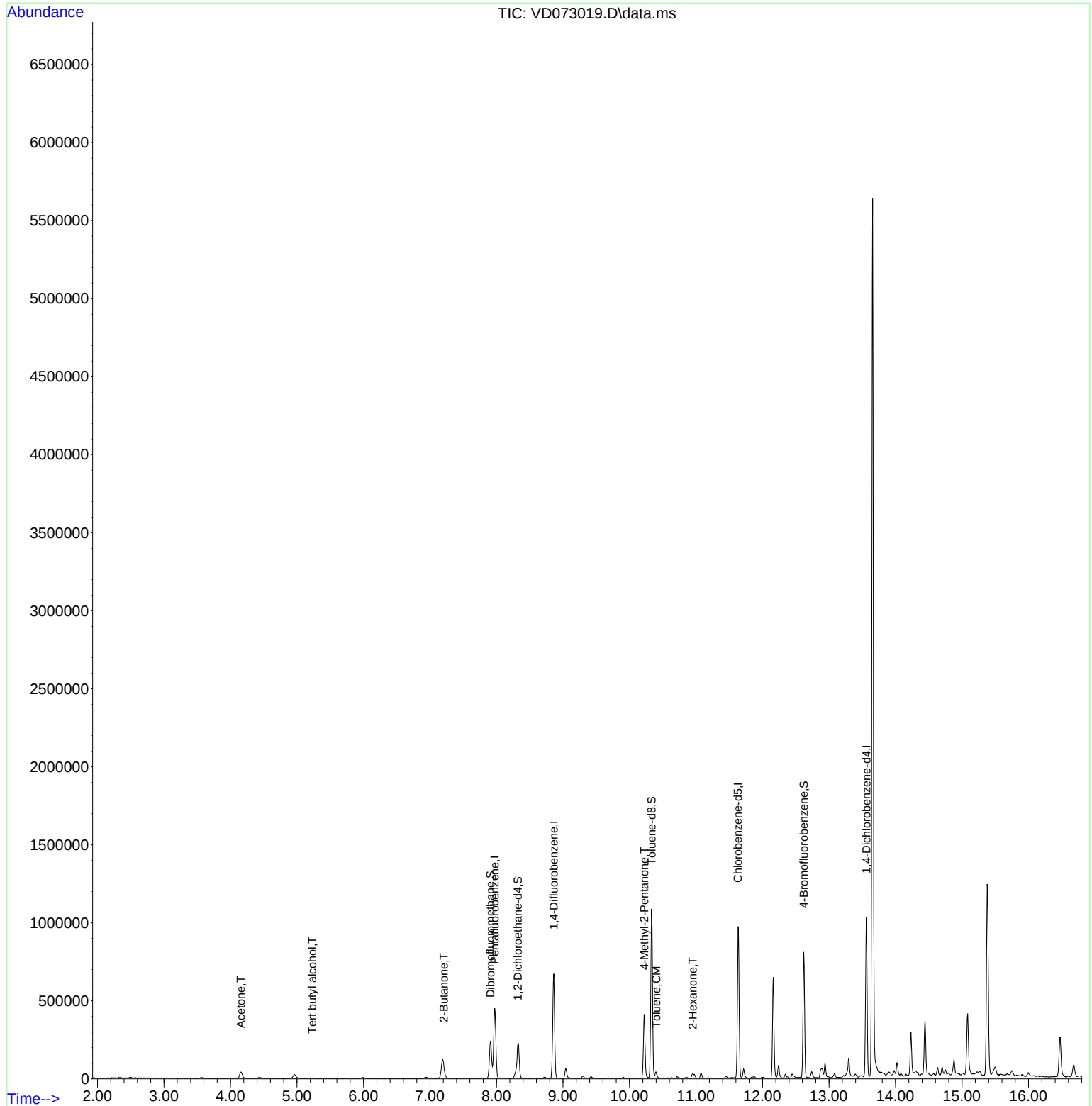
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051322\  
Data File : VD073019.D  
Acq On : 14 May 2022 06:16  
Operator : VA/SY  
Sample : N2823-05  
Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 42 Sample Multiplier: 1

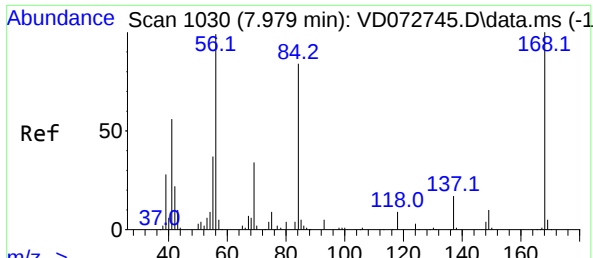
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5

Quant Time: May 16 05:21:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 03 08:33:49 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

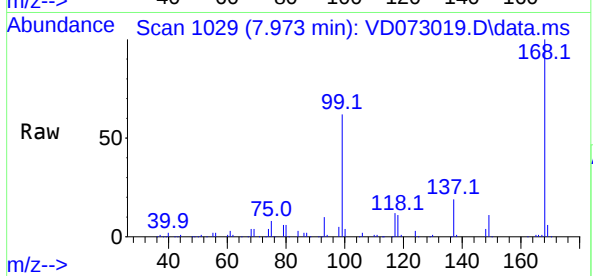
Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

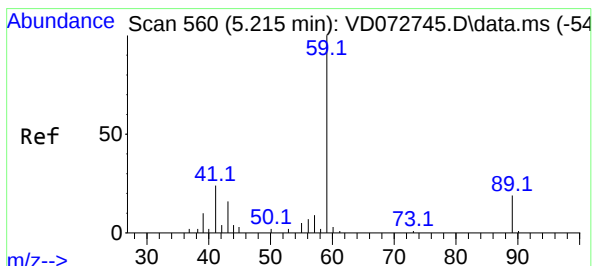
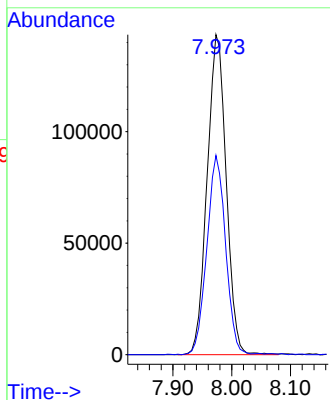
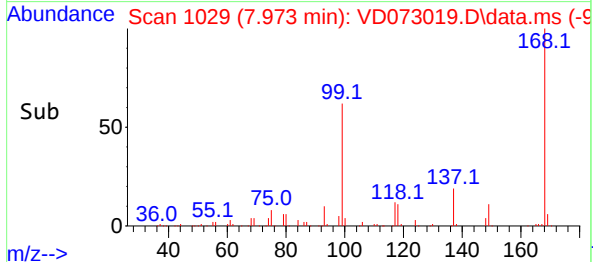
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5



Tgt Ion:168 Resp: 323724  
Ion Ratio Lower Upper  
168 100  
99 62.1 49.8 74.6

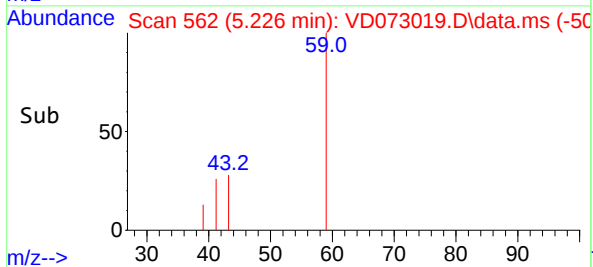
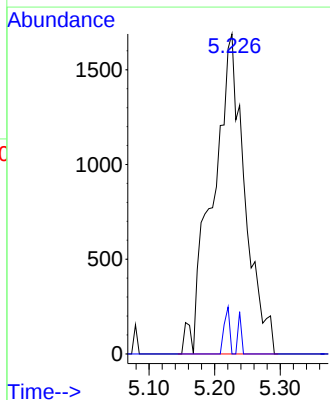
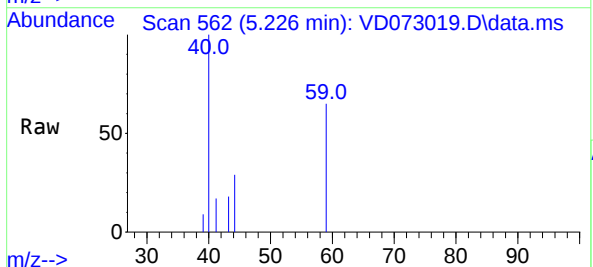
Manual Integrations  
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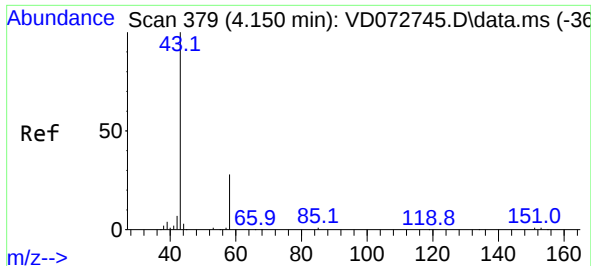
Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#11  
Tert butyl alcohol  
Concen: 15.801 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.011 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

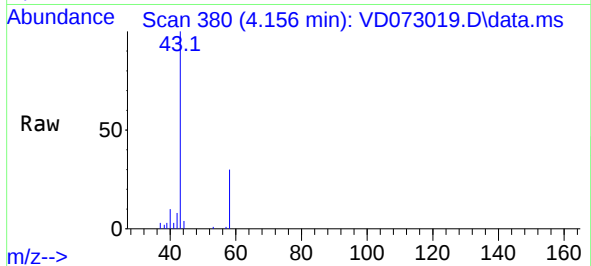
Tgt Ion: 59 Resp: 5745  
Ion Ratio Lower Upper  
59 100  
57 2.5 7.8 11.6#





#16  
Acetone  
Concen: 85.308 ug/l  
RT: 4.156 min Scan# 379  
Delta R.T. 0.006 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

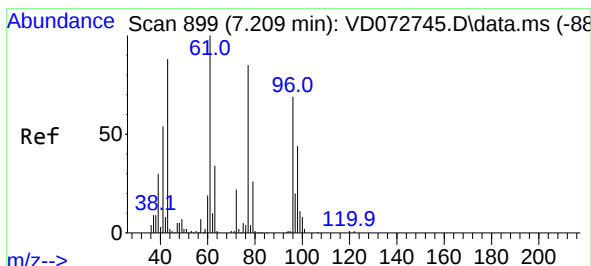
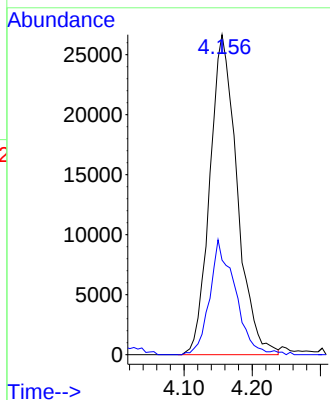
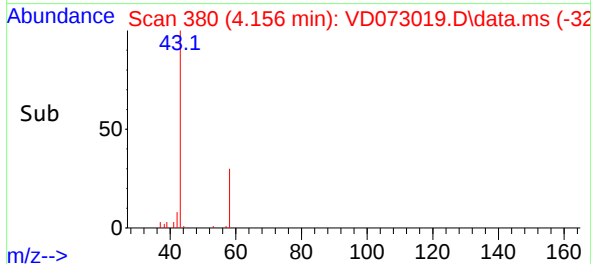
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5



Tgt Ion: 43 Resp: 7432  
Ion Ratio Lower Upper  
43 100  
58 29.5 22.1 33.1

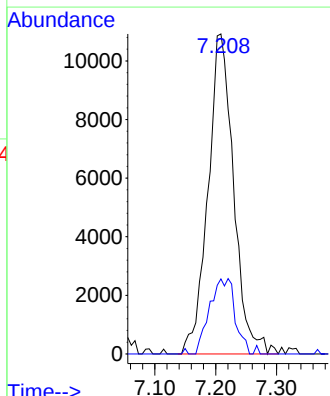
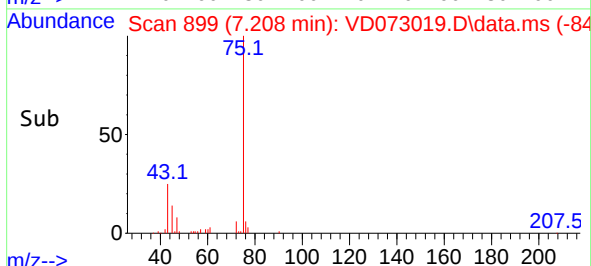
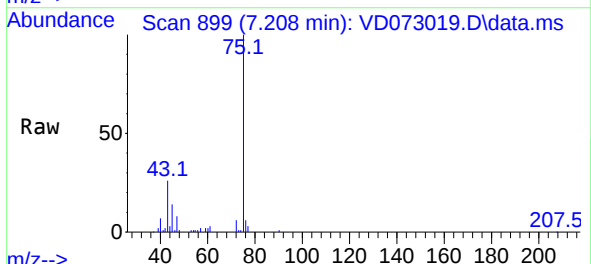
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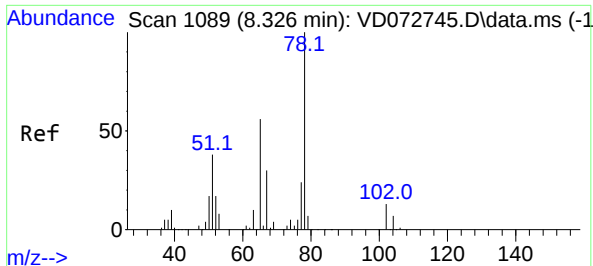
Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#25  
2-Butanone  
Concen: 26.114 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

Tgt Ion: 43 Resp: 31974  
Ion Ratio Lower Upper  
43 100  
72 23.5 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 41.827 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073019.D

Acq: 14 May 2022 06:16

Instrument :

MSVOA\_D

ClientSampleId :

SC-5

Tgt Ion: 65 Resp: 17576

Ion Ratio Lower Upper

65 100

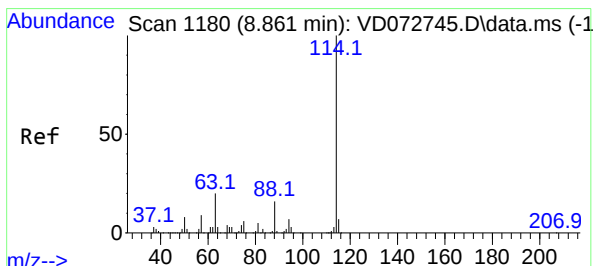
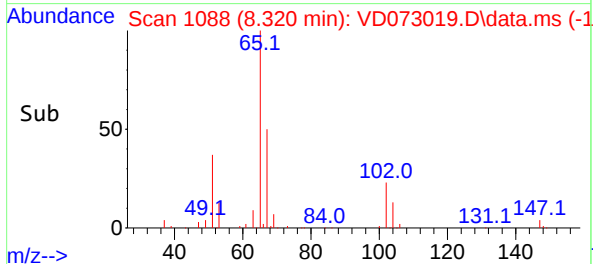
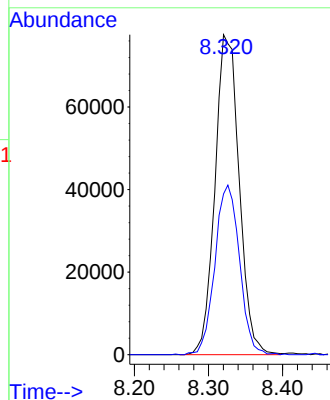
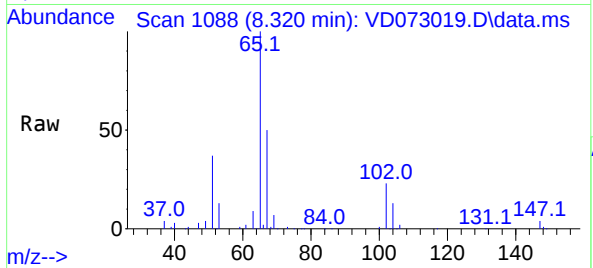
67 53.8 0.0 101.4

Manual Integrations

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Reviewed By :Krupa Patel 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073019.D

Acq: 14 May 2022 06:16

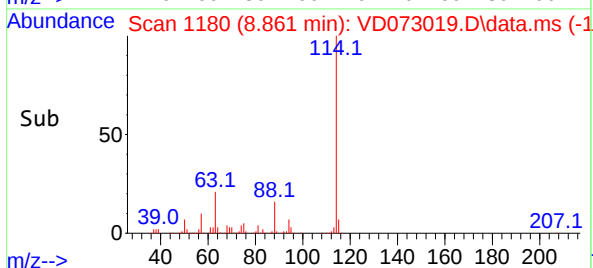
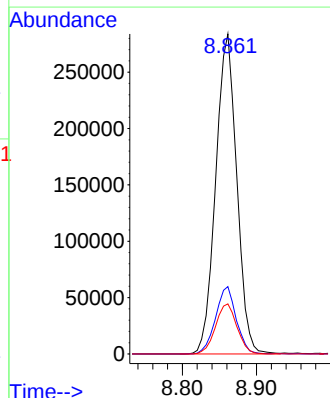
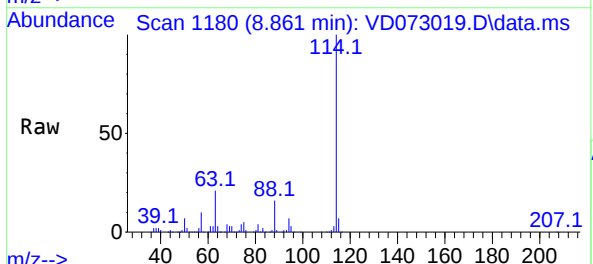
Tgt Ion:114 Resp: 559459

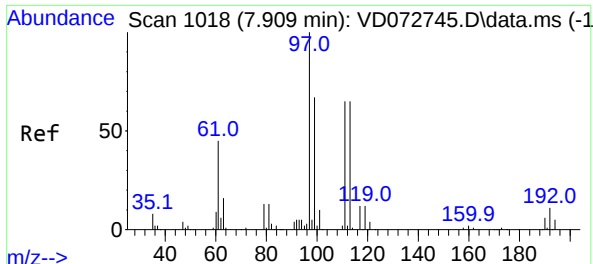
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.404 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073019.D

Acq: 14 May 2022 06:16

Instrument :

MSVOA\_D

ClientSampleId :

SC-5

Tgt Ion:113 Resp: 174470

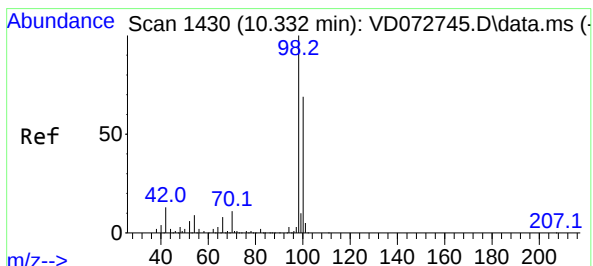
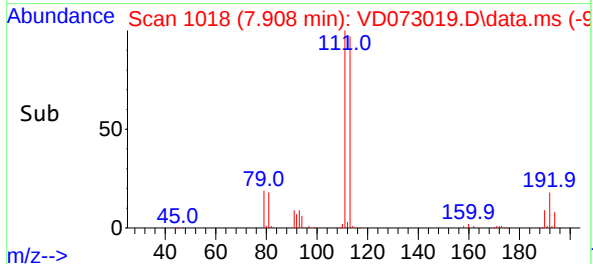
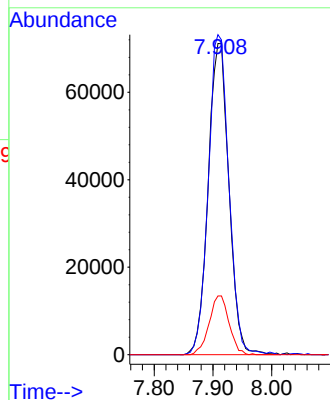
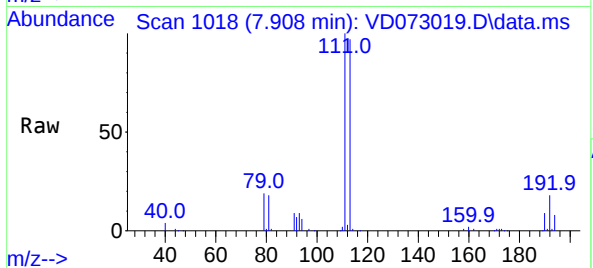
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.7 | 83.8  | 125.6 |
| 192 | 18.1  | 14.6  | 21.8  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 51.926 ug/l

RT: 10.332 min Scan# 1430

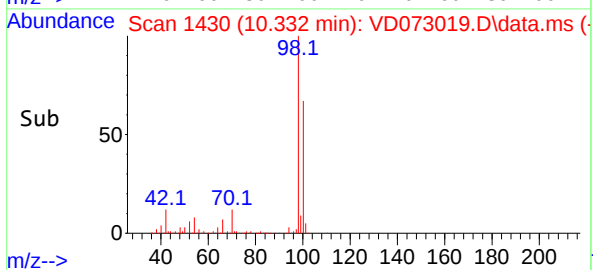
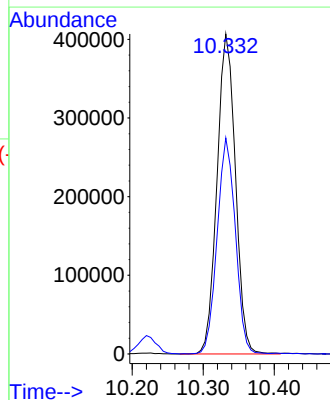
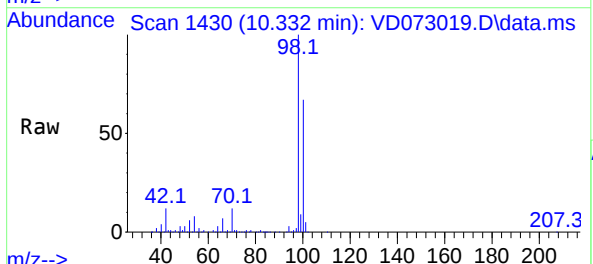
Delta R.T. -0.000 min

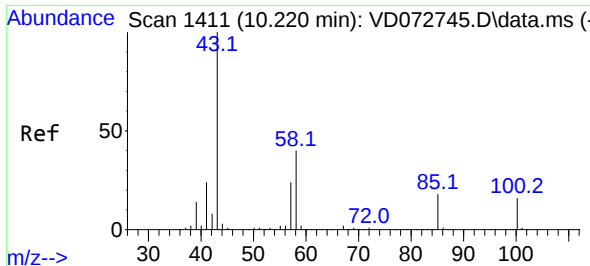
Lab File: VD073019.D

Acq: 14 May 2022 06:16

Tgt Ion: 98 Resp: 731852

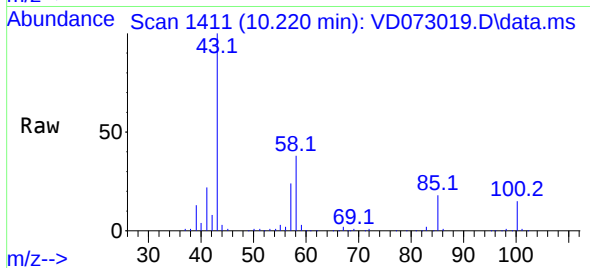
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 66.7  | 52.4  | 78.6  |





#51  
4-Methyl-2-Pentanone  
Concen: 94.472 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

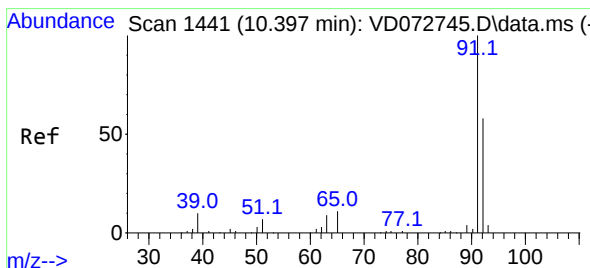
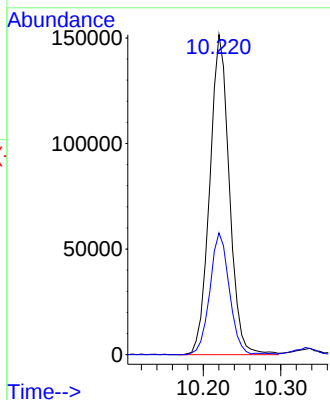
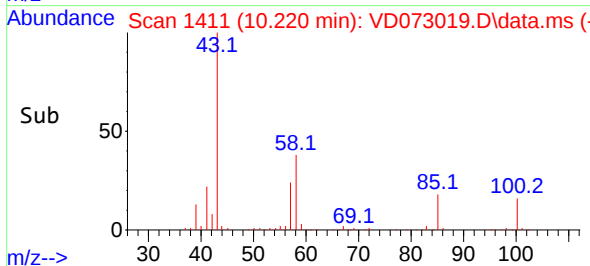
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5



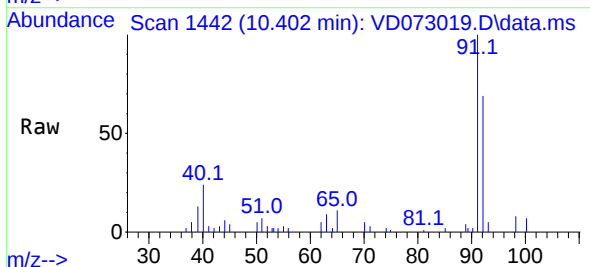
Tgt Ion: 43 Resp: 266114  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.6 43.0

Manual Integrations  
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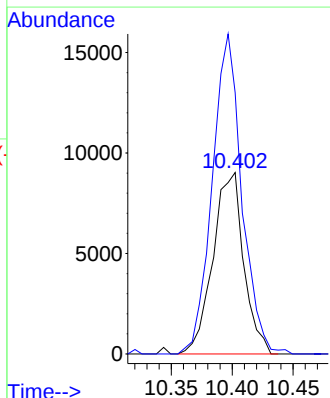
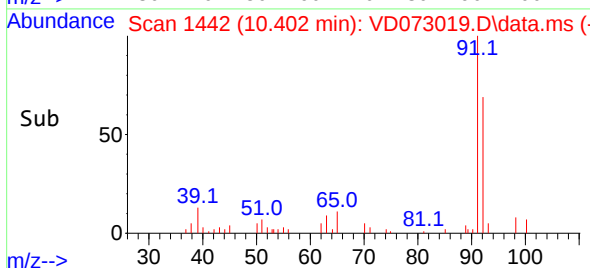
Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022

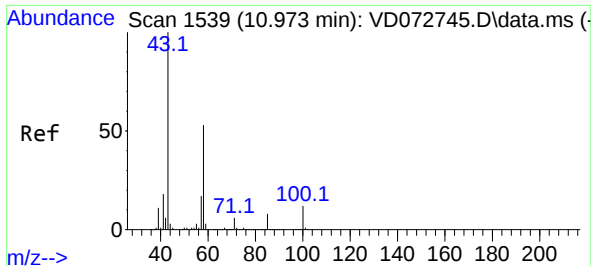


#52  
Toluene  
Concen: 1.379 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.005 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16



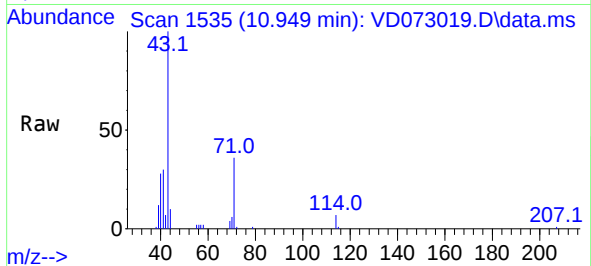
Tgt Ion: 92 Resp: 15873  
Ion Ratio Lower Upper  
92 100  
91 169.6 139.6 209.4





#59  
2-Hexanone  
Concen: 20.245 ug/l m  
RT: 10.949 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

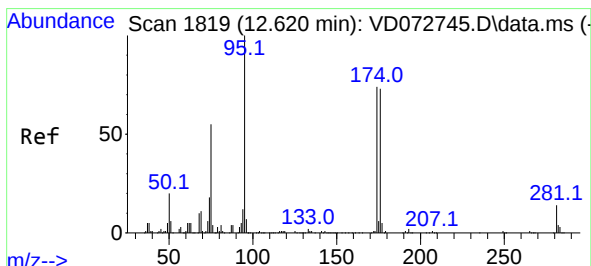
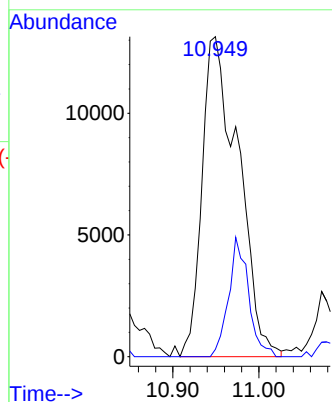
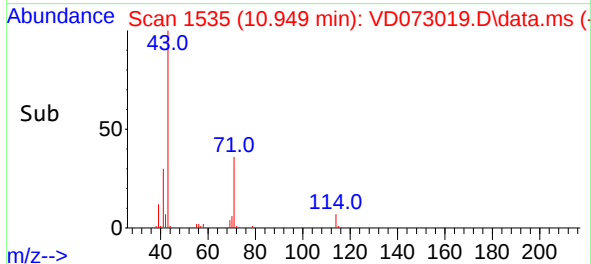
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5



Tgt Ion: 43 Resp: 38372  
Ion Ratio Lower Upper  
43 100  
58 2.5 25.3 75.9

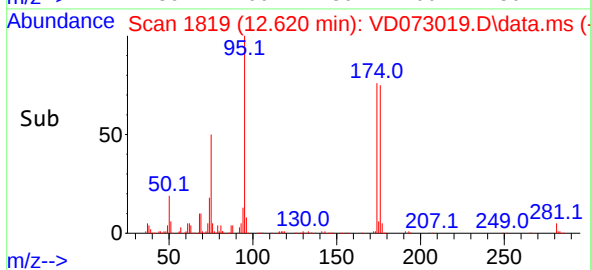
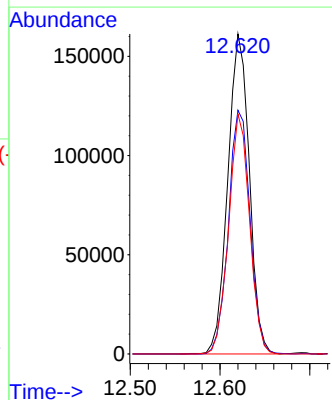
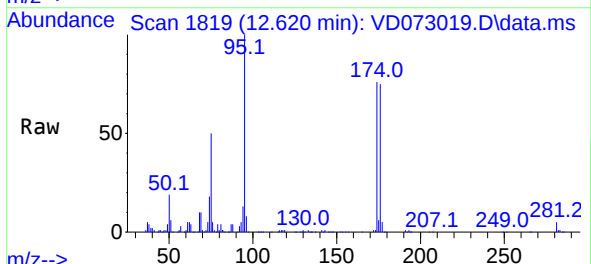
Manual Integrations  
APPROVED

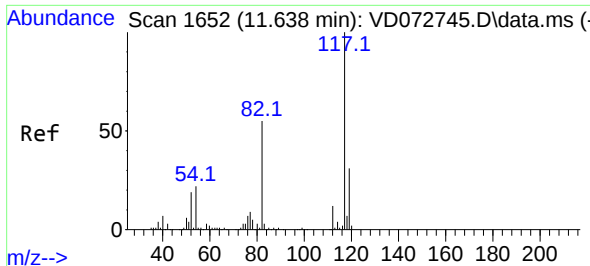
Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#62  
4-Bromofluorobenzene  
Concen: 51.054 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

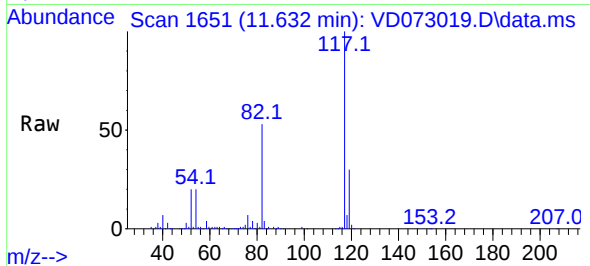
Tgt Ion: 95 Resp: 268307  
Ion Ratio Lower Upper  
95 100  
174 76.4 0.0 152.8  
176 72.8 0.0 145.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16

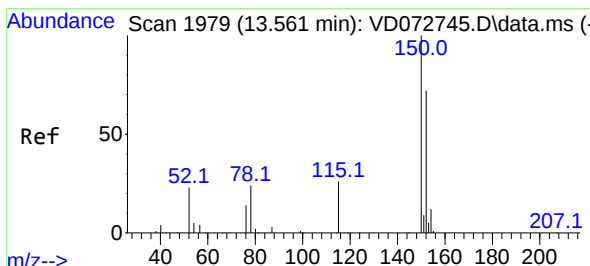
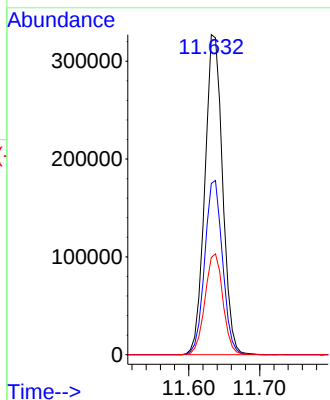
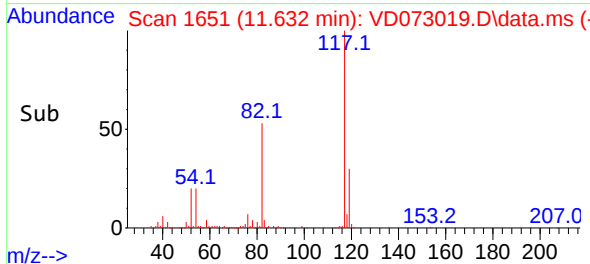
Instrument :  
MSVOA\_D  
ClientSampleId :  
SC-5



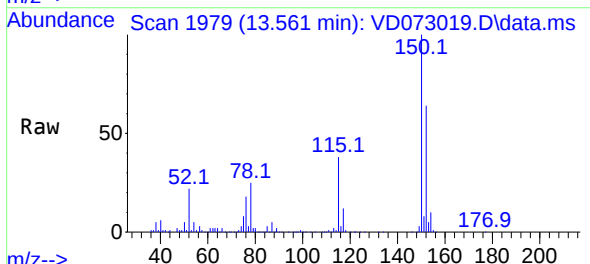
Tgt Ion:117 Resp: 568360  
Ion Ratio Lower Upper  
117 100  
82 53.5 45.3 67.9  
119 30.4 26.6 40.0

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 05/16/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD073019.D  
Acq: 14 May 2022 06:16



Tgt Ion:152 Resp: 268334  
Ion Ratio Lower Upper  
152 100  
115 61.2 31.3 93.8  
150 157.1 0.0 348.6

