

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090222\  
 Data File : VY010286.D  
 Acq On : 02 Sep 2022 18:04  
 Operator : KP/MD  
 Sample : N4423-01  
 Misc : 5.67g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-1

Quant Time: Sep 02 22:54:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/06/2022  
 Supervised By :Mahesh Dadoda 09/06/2022

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 161843   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 274905   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 254604   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 113647   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 91591    | 55.191   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 110.380% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 83319    | 45.527   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 91.060%  |
| 50) Toluene-d8              | 10.179 | 98    | 327082   | 53.382   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 106.760% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 114993   | 46.409   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 92.820%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 4.942  | 59    | 3259m    | 16.415   | ug/l   |          |
| 20) Methylene Chloride      | 4.710  | 84    | 14558    | 7.272    | ug/l # | 83       |
| 25) 2-Butanone              | 6.972  | 43    | 5183     | 7.613    | ug/l # | 81       |
| 30) Chloroform              | 7.508  | 83    | 3761     | 1.150    | ug/l # | 75       |
| -----                       |        |       |          |          |        |          |

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

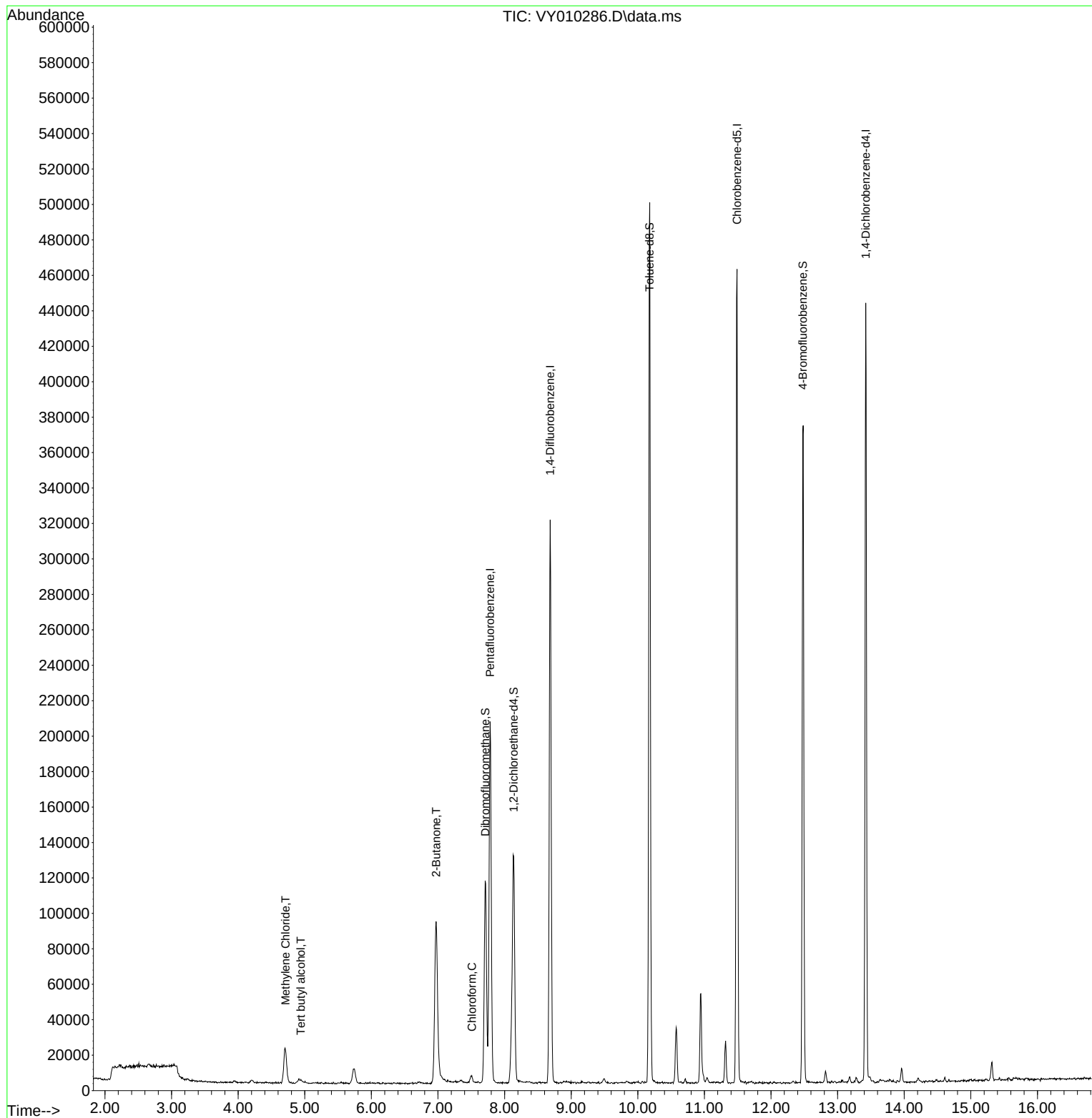
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090222\  
Data File : VY010286.D  
Acq On : 02 Sep 2022 18:04  
Operator : KP/MD  
Sample : N4423-01  
Misc : 5.67g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 21 Sample Multiplier: 1

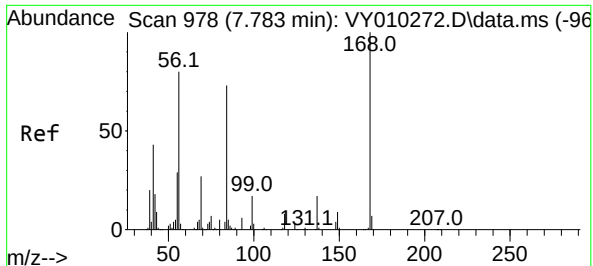
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-1

Quant Time: Sep 02 22:54:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 16:41:46 2022  
Response via : Initial Calibration

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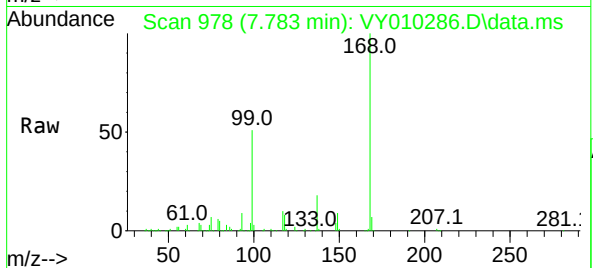
Reviewed By :Krupa Patel 09/06/2022  
Supervised By :Mahesh Dadoda 09/06/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

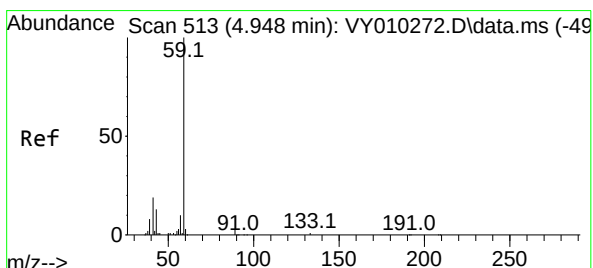
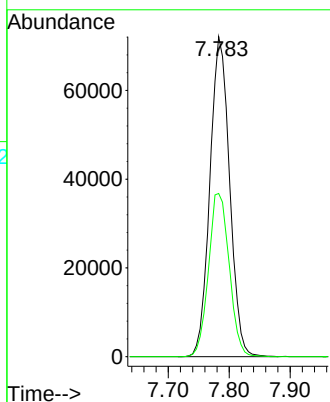
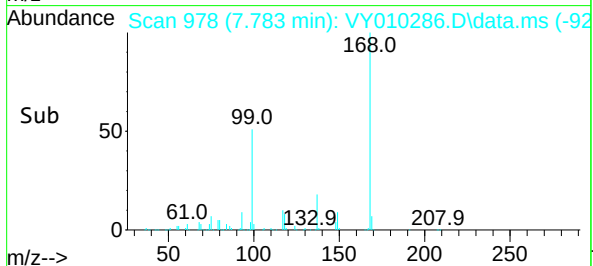
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-1



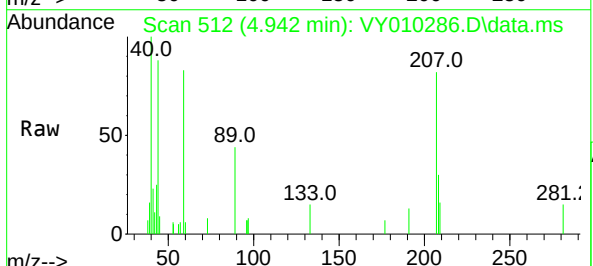
Tgt Ion:168 Resp: 16184  
Ion Ratio Lower Upper  
168 100  
99 51.0 46.9 70.3

Manual Integrations  
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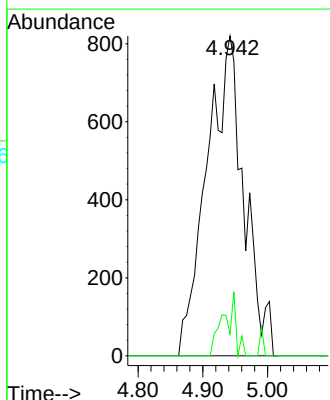
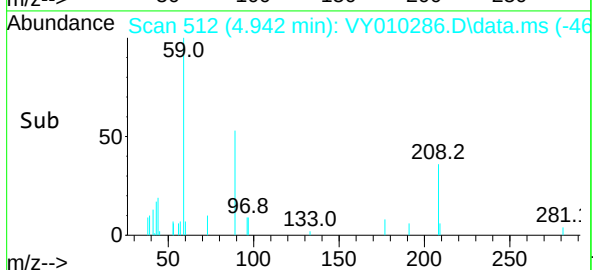
Reviewed By :Krupa Patel 09/06/2022  
Supervised By :Mahesh Dadoda 09/06/2022

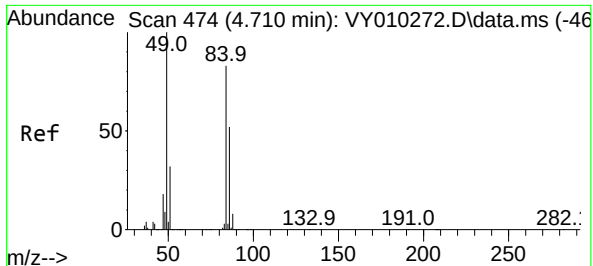


#11  
Tert butyl alcohol  
Concen: 16.415 ug/l m  
RT: 4.942 min Scan# 512  
Delta R.T. -0.006 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04



Tgt Ion: 59 Resp: 3259  
Ion Ratio Lower Upper  
59 100  
57 6.8 6.4 9.6





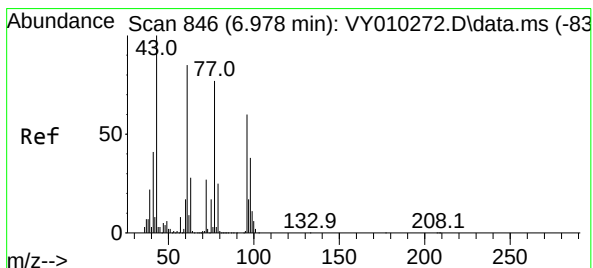
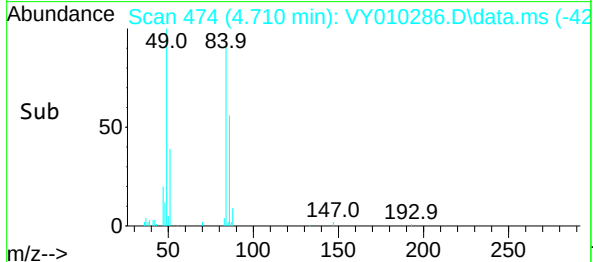
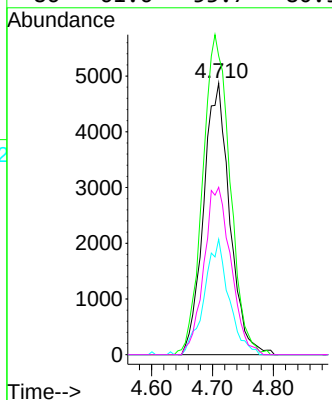
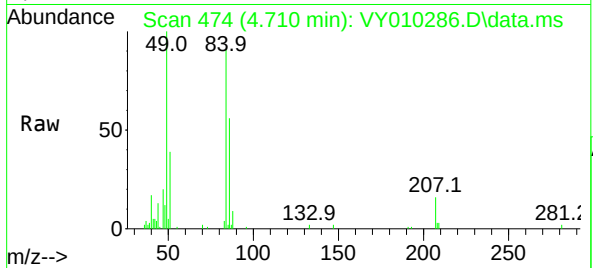
#20  
Methylene Chloride  
Concen: 7.272 ug/l  
RT: 4.710 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-1

Tgt Ion: 84 Resp: 1455  
Ion Ratio Lower Upper  
84 100  
49 110.1 114.4 171.6  
51 42.5 35.3 52.9  
86 61.6 53.7 80.5

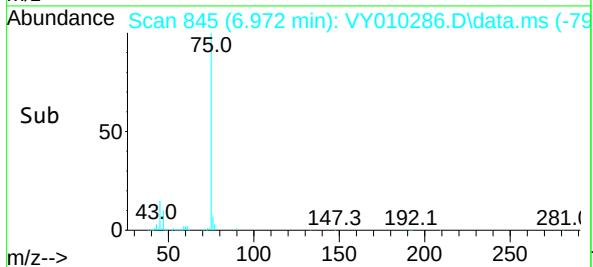
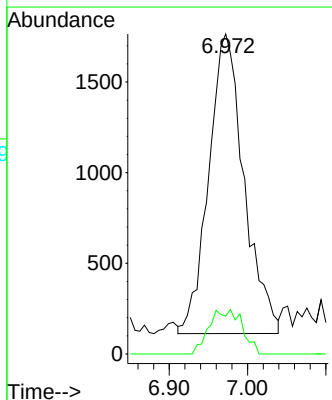
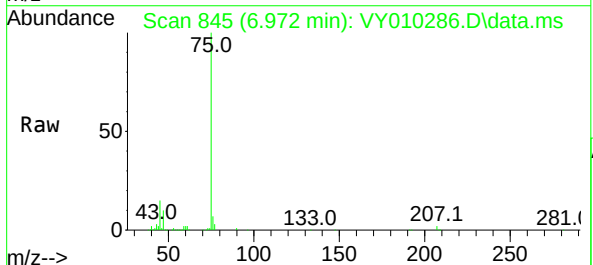
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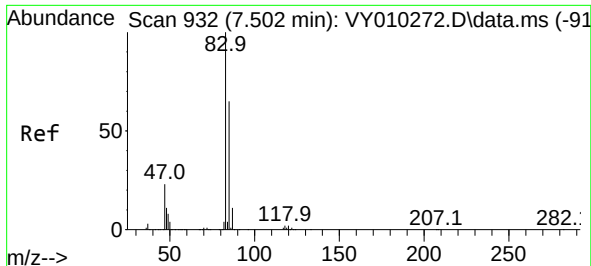
Reviewed By :Krupa Patel 09/06/2022  
Supervised By :Mahesh Dadoda 09/06/2022



#25  
2-Butanone  
Concen: 7.613 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

Tgt Ion: 43 Resp: 5183  
Ion Ratio Lower Upper  
43 100  
72 13.0 17.7 26.5#





#30

Chloroform

Concen: 1.150 ug/l

RT: 7.508 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY010286.D

Acq: 02 Sep 2022 18:04

Instrument :

MSVOA\_Y

ClientSampleId :

WC-1

Tgt Ion: 83 Resp: 376

Ion Ratio Lower Upper

83 100

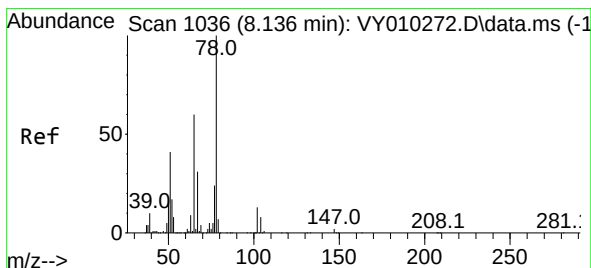
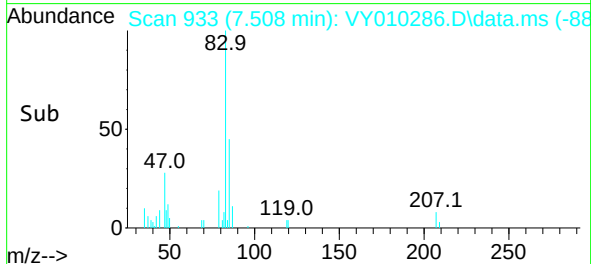
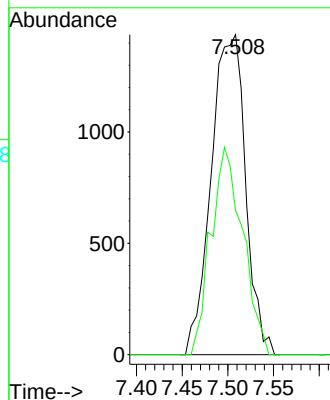
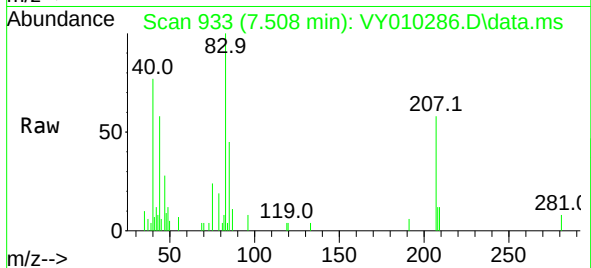
85 45.1 51.8 77.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/06/2022



#33

1,2-Dichloroethane-d4

Concen: 55.191 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010286.D

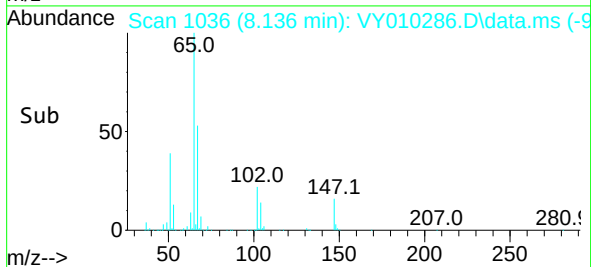
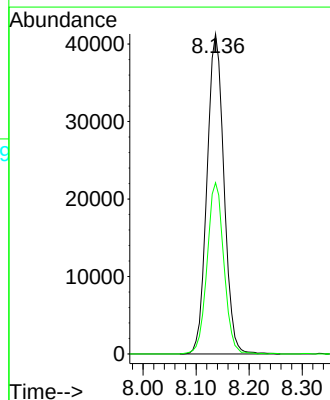
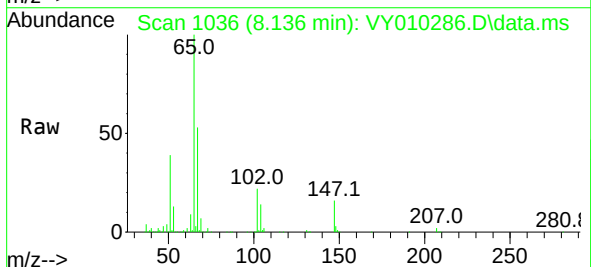
Acq: 02 Sep 2022 18:04

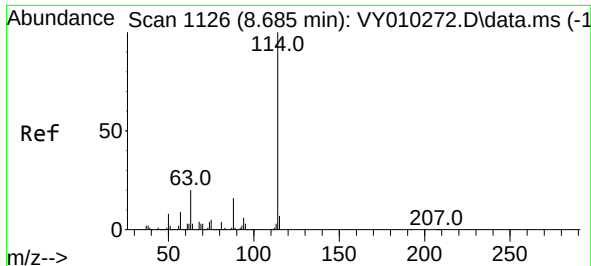
Tgt Ion: 65 Resp: 91591

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010286.D

Acq: 02 Sep 2022 18:04

Instrument :

MSVOA\_Y

ClientSampleId :

WC-1

Tgt Ion:114 Resp: 27490

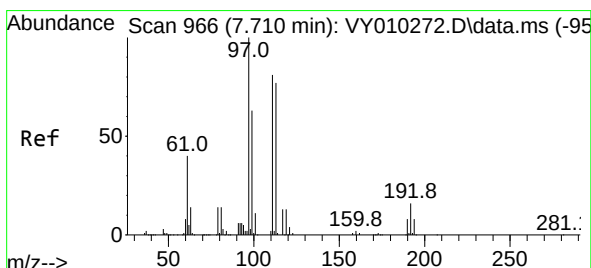
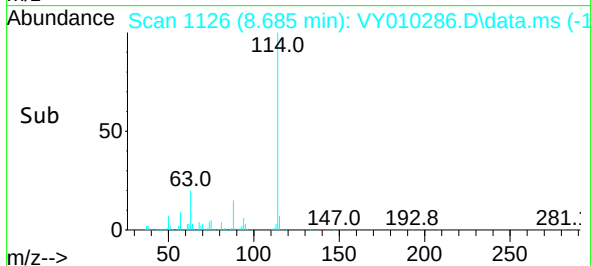
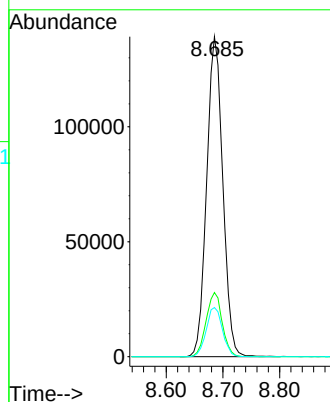
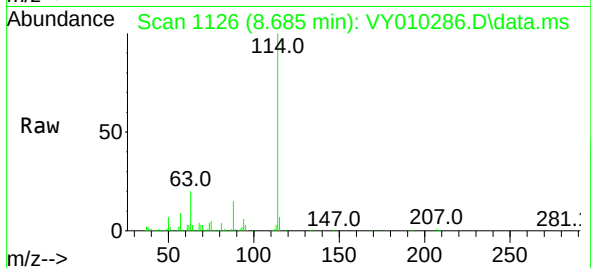
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.1  | 0.0   | 43.2  |
| 88  | 15.3  | 0.0   | 31.8  |

Manual Integrations

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Reviewed By :Krupa Patel 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#35

Dibromofluoromethane

Concen: 45.527 ug/l

RT: 7.710 min Scan# 966

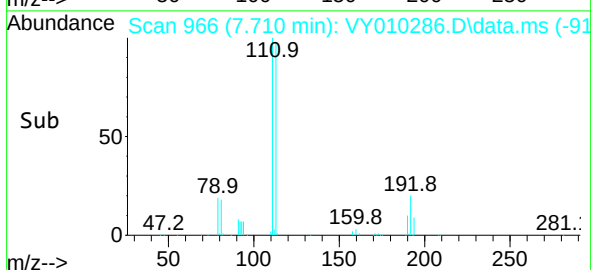
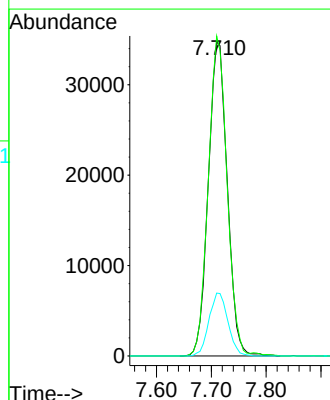
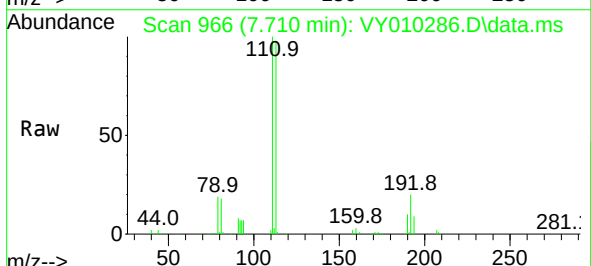
Delta R.T. -0.000 min

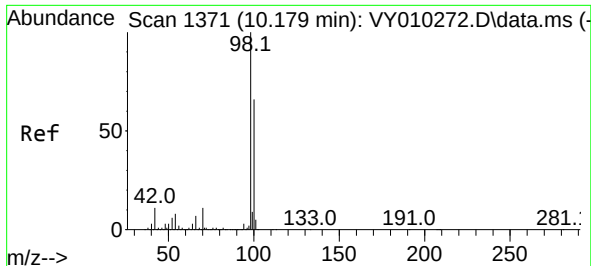
Lab File: VY010286.D

Acq: 02 Sep 2022 18:04

Tgt Ion:113 Resp: 83319

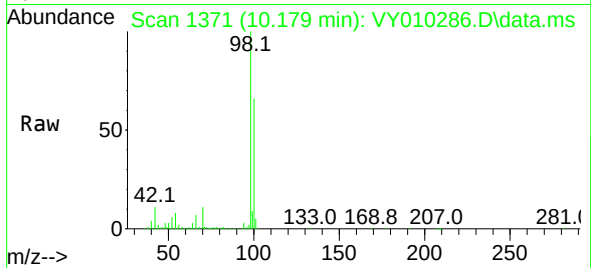
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 100.3 | 82.6  | 124.0 |
| 192 | 20.0  | 17.6  | 26.4  |





#50  
Toluene-d8  
Concen: 53.382 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

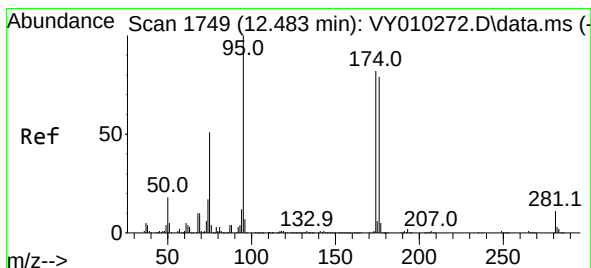
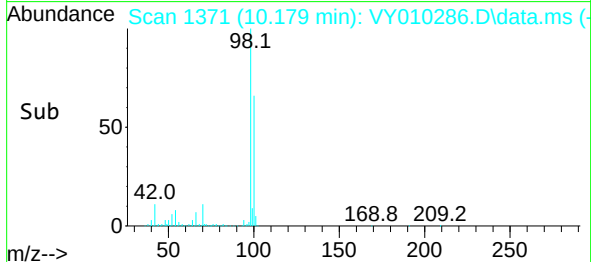
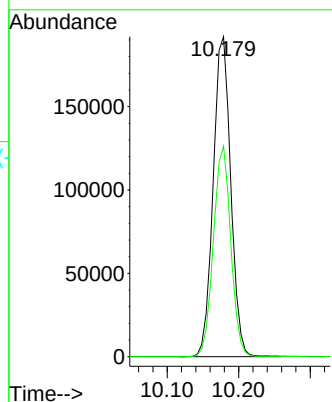
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-1



Tgt Ion: 98 Resp: 327082  
Ion Ratio Lower Upper  
98 100  
100 65.2 50.2 75.2

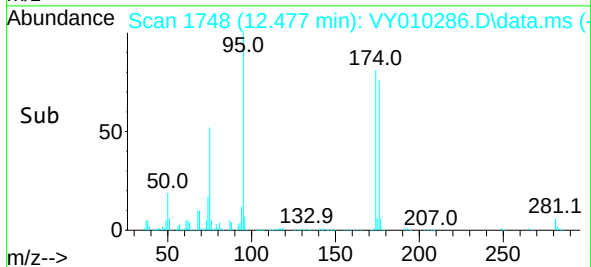
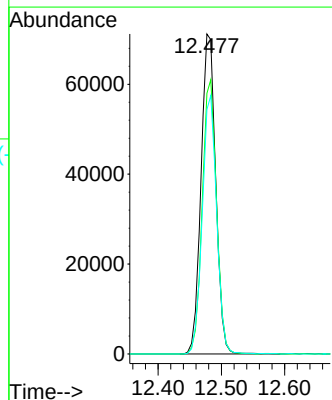
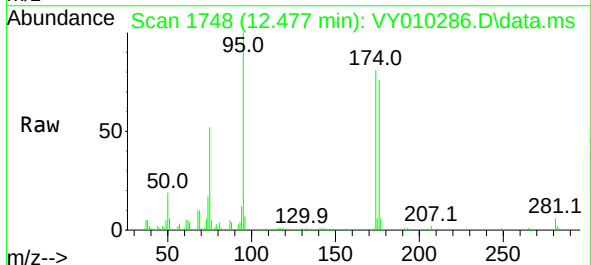
Manual Integrations  
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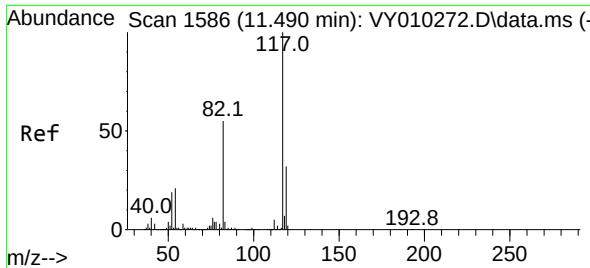
Reviewed By :Krupa Patel 09/06/2022  
Supervised By :Mahesh Dadoda 09/06/2022



#62  
4-Bromofluorobenzene  
Concen: 46.409 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

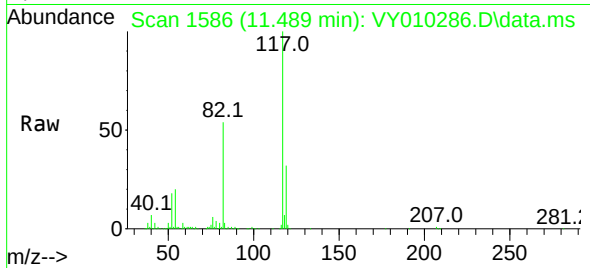
Tgt Ion: 95 Resp: 114993  
Ion Ratio Lower Upper  
95 100  
174 83.4 0.0 177.0  
176 79.0 0.0 175.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04

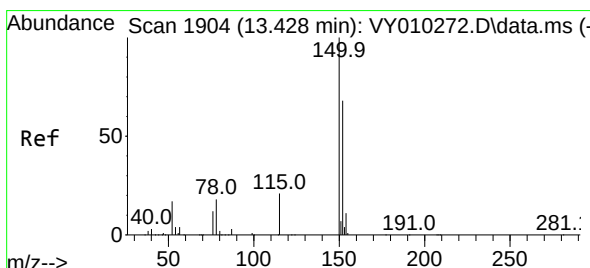
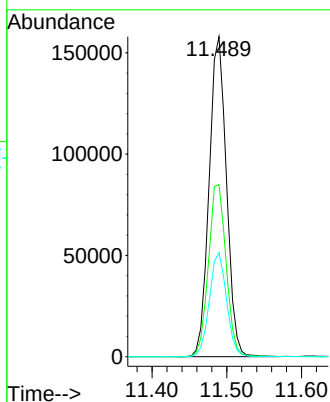
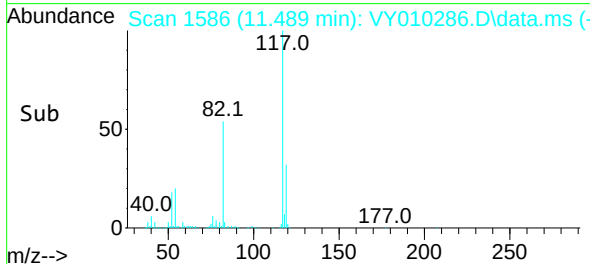
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-1



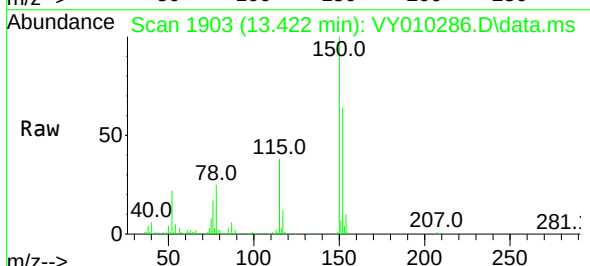
Tgt Ion:117 Resp: 254604  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.0 64.4  
119 32.5 25.4 38.0

Manual Integrations  
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Supervised By :Mahesh Dadoda 09/06/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY010286.D  
Acq: 02 Sep 2022 18:04



Tgt Ion:152 Resp: 113647  
Ion Ratio Lower Upper  
152 100  
115 58.7 28.2 84.7  
150 158.6 0.0 347.6

