

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042224\  
 Data File : VY018011.D  
 Acq On : 22 Apr 2024 15:25  
 Operator : SY/MD  
 Sample : P2189-02RE  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 YARD-2RE

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024  
 Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 23 01:43:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 7.795          | 168  | 31950      | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691          | 114  | 44932      | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496         | 117  | 32700      | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434         | 152  | 7954       | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.143          | 65   | 11745      | 42.480   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 84.960%  |        |          |
| 35) Dibromofluoromethane    | 7.716          | 113  | 15343      | 55.349   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 110.700% |        |          |
| 50) Toluene-d8              | 10.185         | 98   | 48515      | 46.124   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = | 92.240%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.489         | 95   | 9059       | 27.809   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = | 55.620%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 3.960          | 43   | 1620m      | 29.654   | ug/l   |          |
| -----                       |                |      |            |          |        |          |

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

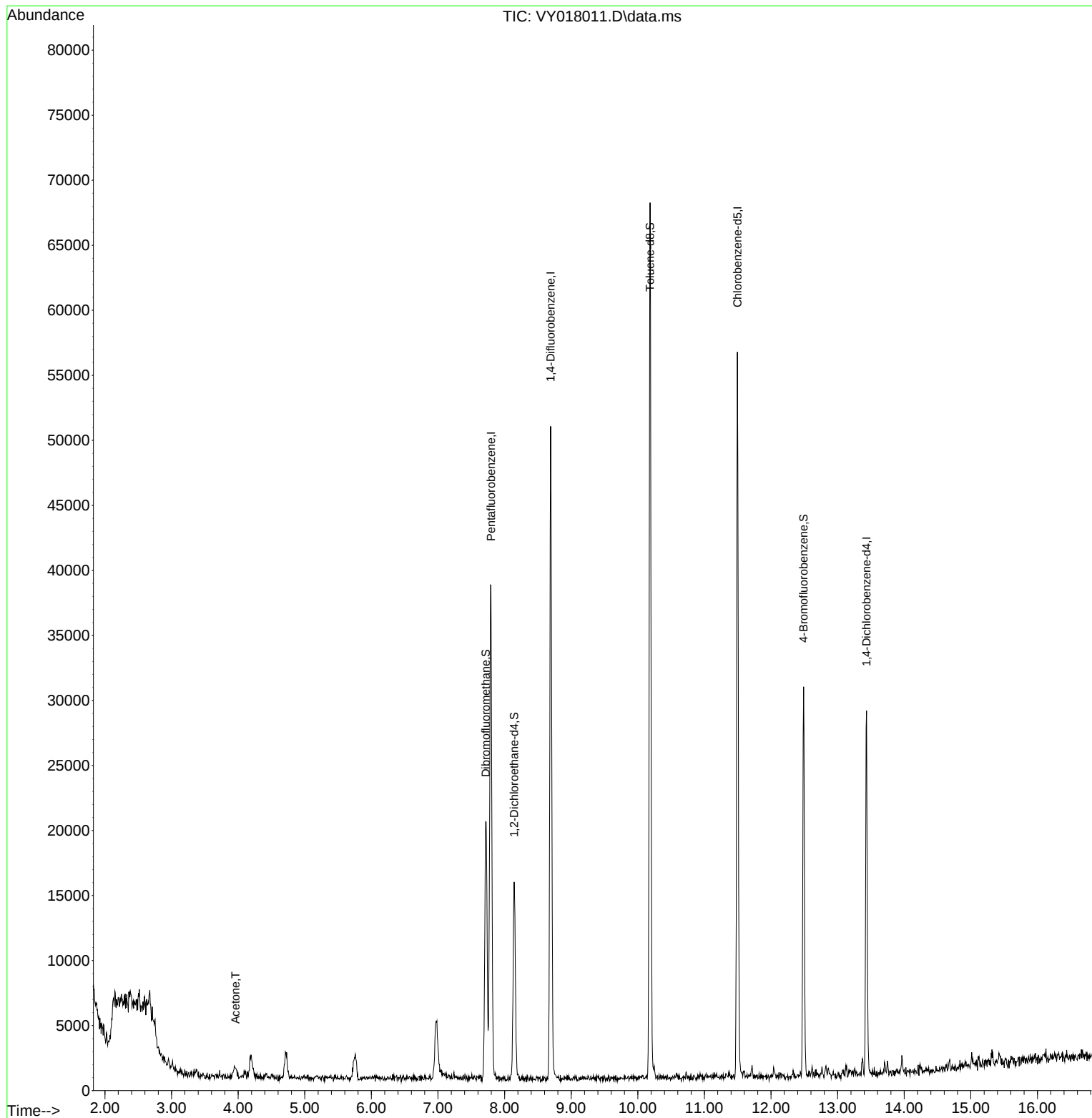
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042224\  
Data File : VY018011.D  
Acq On : 22 Apr 2024 15:25  
Operator : SY/MD  
Sample : P2189-02RE  
Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

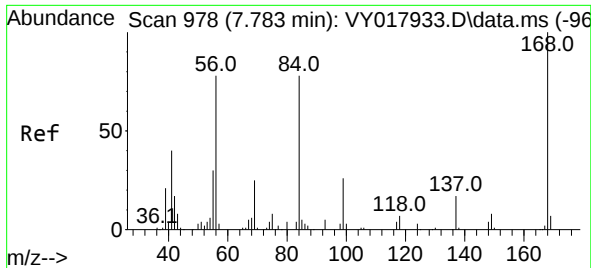
Instrument :  
MSVOA\_Y  
ClientSampleId :  
YARD-2RE

Quant Time: Apr 23 01:43:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 17 06:24:42 2024  
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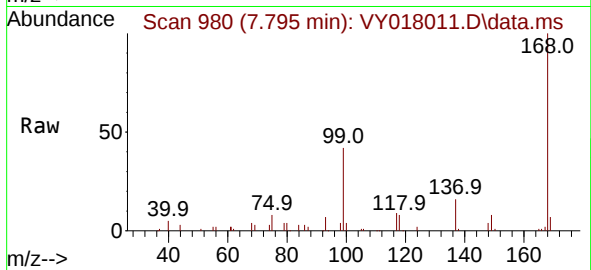
Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25

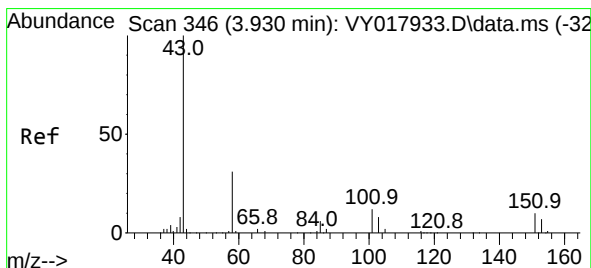
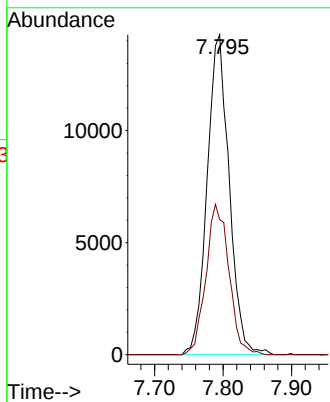
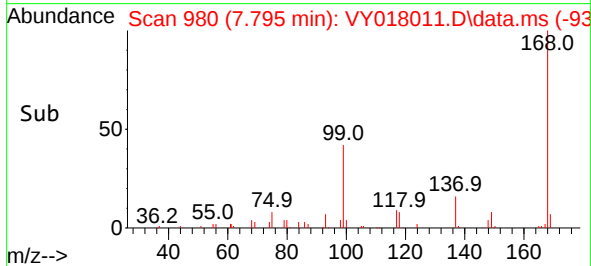
Instrument :  
MSVOA\_Y  
ClientSampleId :  
YARD-2RE



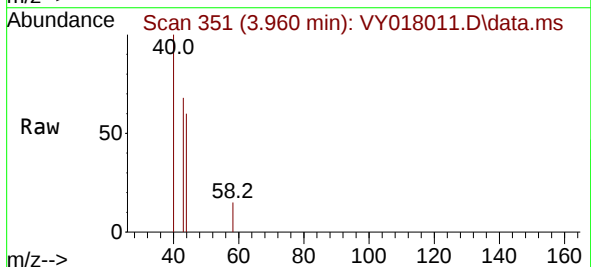
Tgt Ion:168 Resp: 31950  
Ion Ratio Lower Upper  
168 100  
99 42.3 39.1 58.7

Manual Integrations  
APPROVED

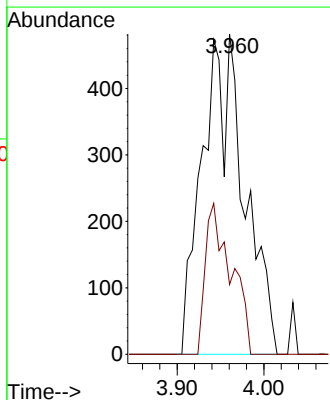
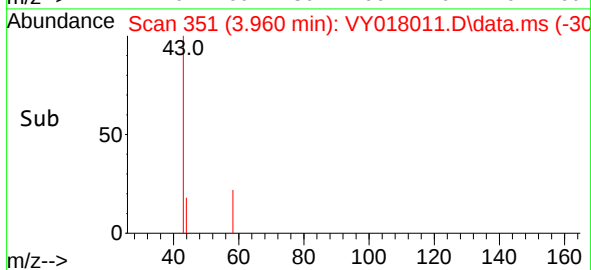
Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024

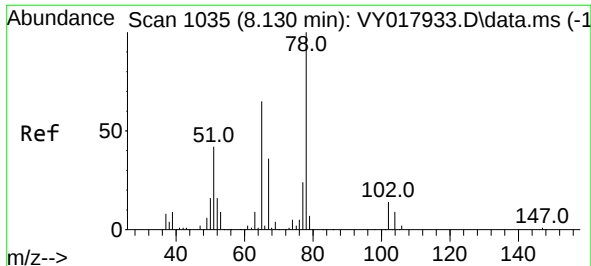


#16  
Acetone  
Concen: 29.654 ug/l m  
RT: 3.960 min Scan# 351  
Delta R.T. 0.012 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25



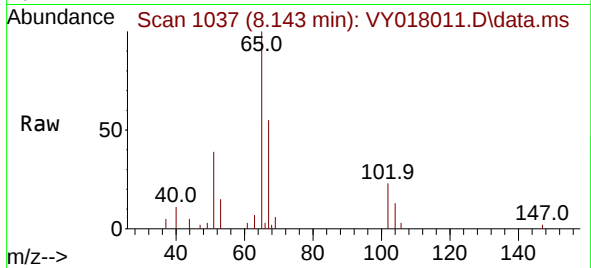
Tgt Ion: 43 Resp: 1620  
Ion Ratio Lower Upper  
43 100  
58 21.8 31.7 47.5#





#33  
1,2-Dichloroethane-d4  
Concen: 42.480 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25

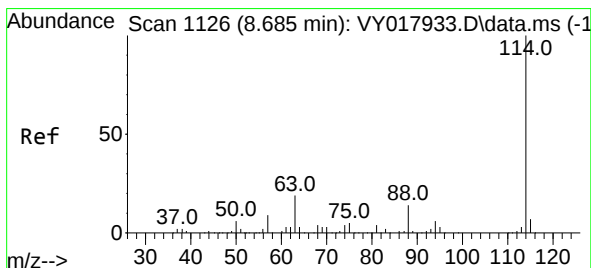
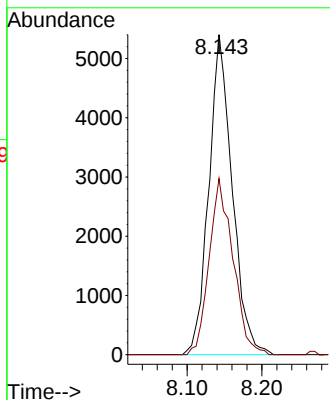
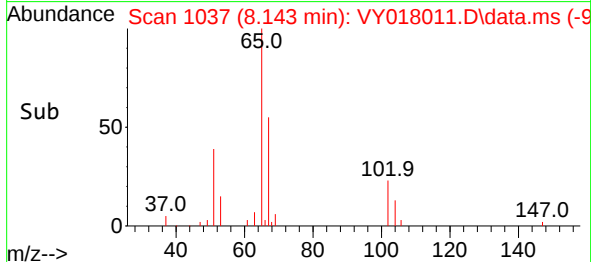
Instrument :  
MSVOA\_Y  
ClientSampleId :  
YARD-2RE



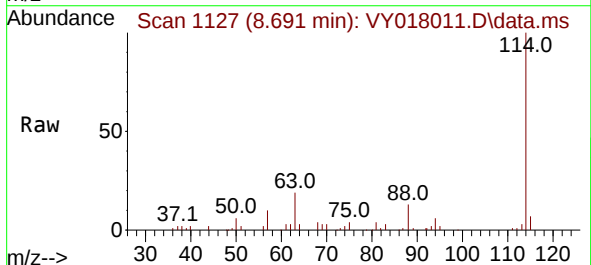
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Ion Ratio Lower Upper  
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67 56.2 0.0 109.6

Manual Integrations  
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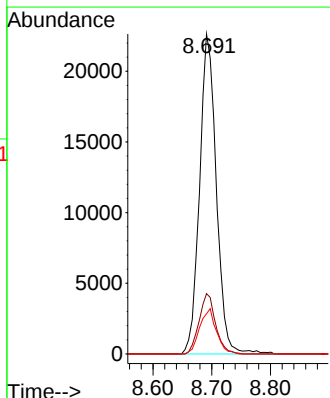
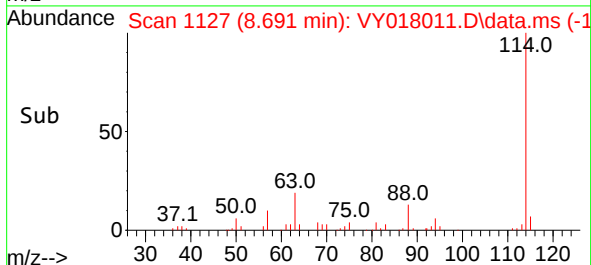
Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024

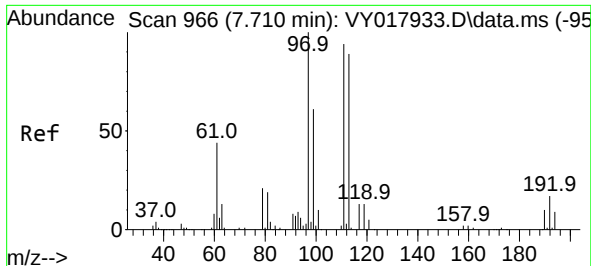


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25



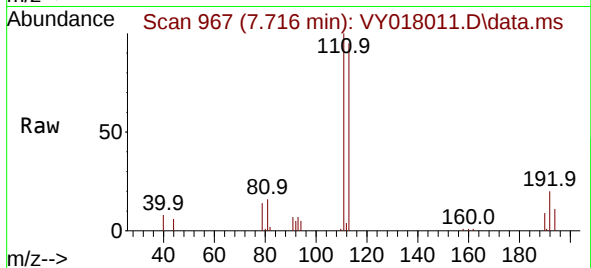
Tgt Ion:114 Resp: 44932  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 35.0  
88 12.6 0.0 27.2





#35  
Dibromofluoromethane  
Concen: 55.349 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25

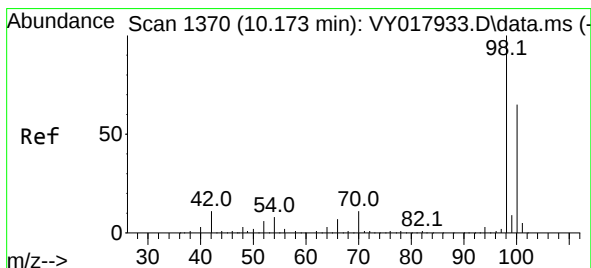
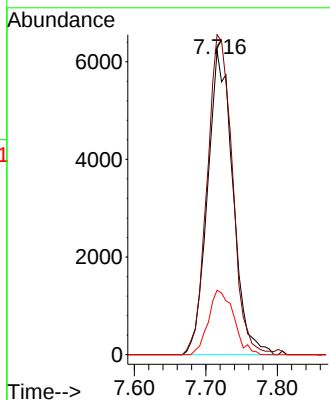
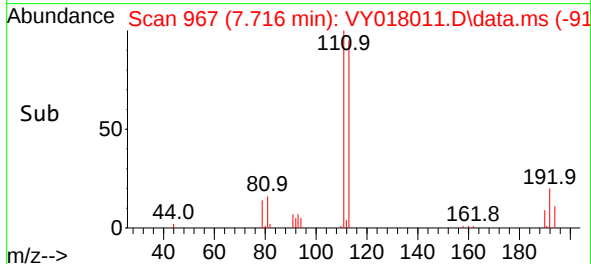
Instrument :  
MSVOA\_Y  
ClientSampleId :  
YARD-2RE



Tgt Ion:113 Resp: 1534  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.2 123.4  
192 21.1 15.9 23.9

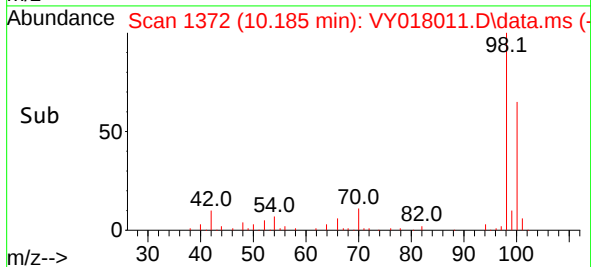
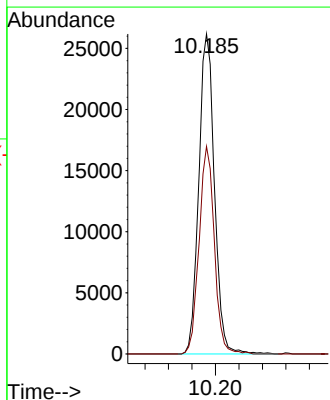
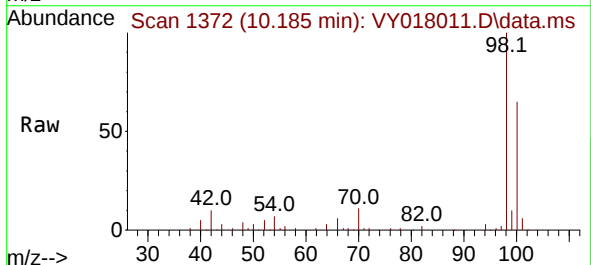
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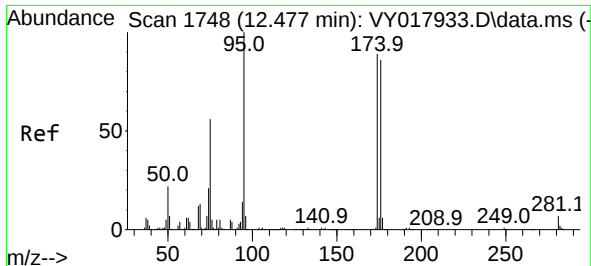
Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024



#50  
Toluene-d8  
Concen: 46.124 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25

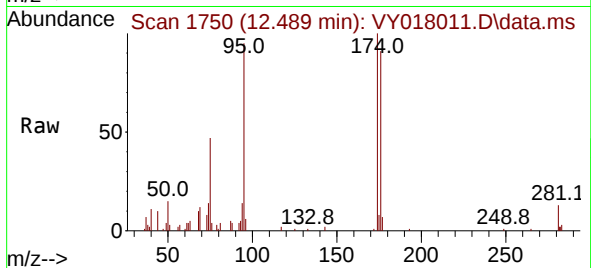
Tgt Ion: 98 Resp: 48515  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.0 78.0





#62  
4-Bromofluorobenzene  
Concen: 27.809 ug/l  
RT: 12.489 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25

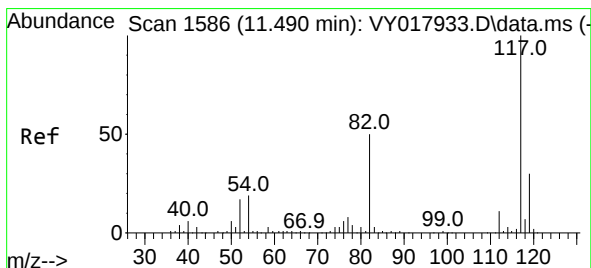
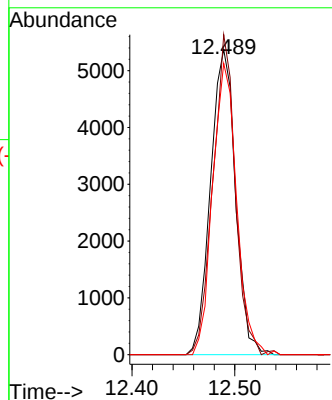
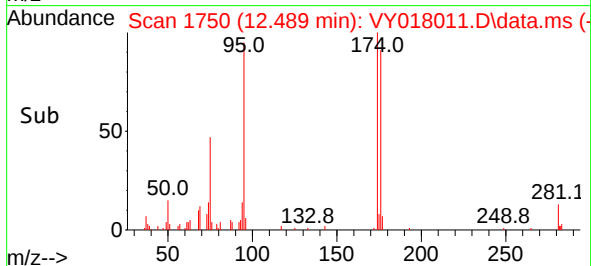
Instrument :  
MSVOA\_Y  
ClientSampleId :  
YARD-2RE



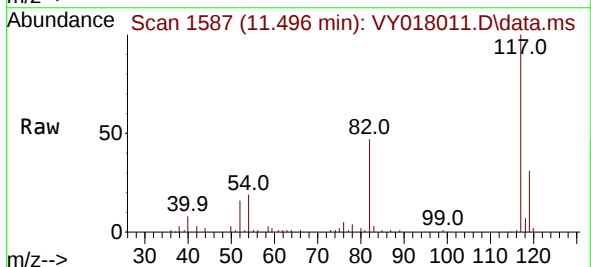
Tgt Ion: 95 Resp: 9059  
Ion Ratio Lower Upper  
95 100  
174 94.0 0.0 175.6  
176 91.7 0.0 171.4

Manual Integrations  
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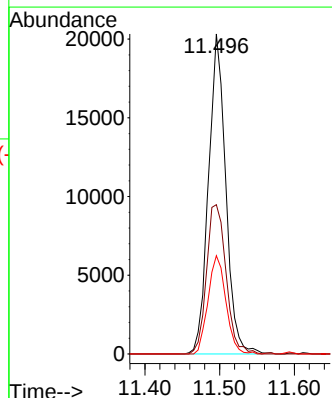
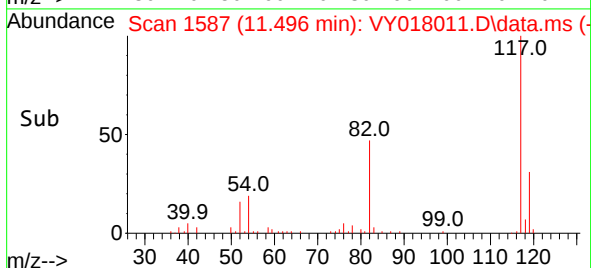
Reviewed By :Mahesh Dadoda 04/23/2024  
Supervised By :Semsettin Yesilyurt 04/23/2024

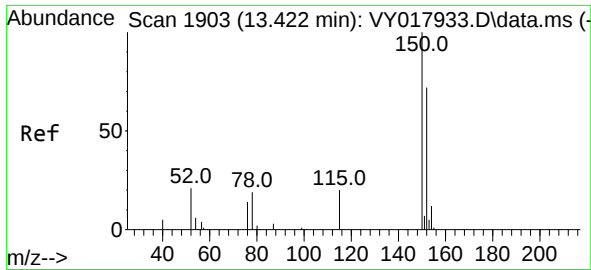


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY018011.D  
Acq: 22 Apr 2024 15:25



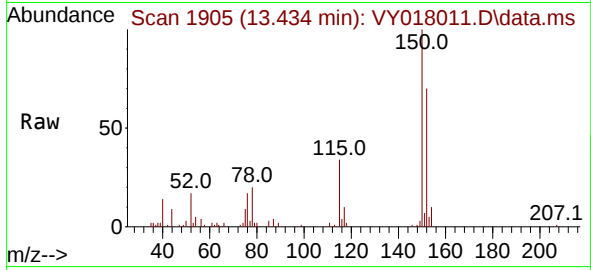
Tgt Ion:117 Resp: 32700  
Ion Ratio Lower Upper  
117 100  
82 46.6 42.4 63.6  
119 30.7 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.434 min Scan# 1905  
 Delta R.T. 0.006 min  
 Lab File: VY018011.D  
 Acq: 22 Apr 2024 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 YARD-2RE



Tgt Ion:152 Resp: 7954  
 Ion Ratio Lower Upper  
 152 100  
 115 53.8 28.2 84.7  
 150 154.3 0.0 345.6

Manual Integrations  
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