

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062922\  
 Data File : VY009373.D  
 Acq On : 29 Jun 2022 14:58  
 Operator : KP/MD  
 Sample : N3499-03  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BUR-1206

Quant Time: Jun 29 17:44:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

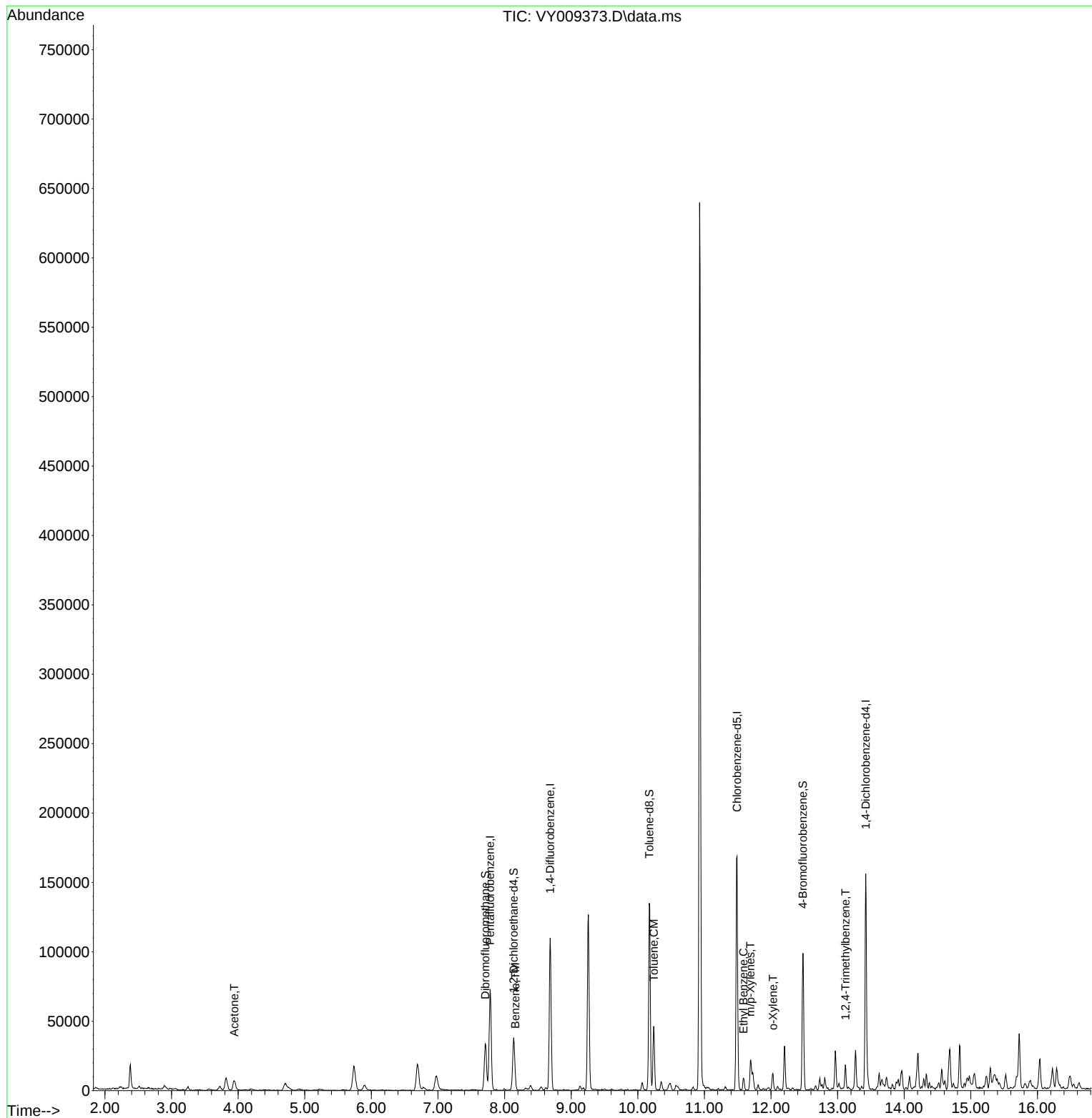
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.783     | 168   | 55308    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685     | 114   | 90603    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.490    | 117   | 88580    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422    | 152   | 38037    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.136     | 65    | 27468    | 62.005   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 124.020% |          |
| 35) Dibromofluoromethane    | 7.710     | 113   | 23935    | 47.999   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 96.000%  |          |
| 50) Toluene-d8              | 10.173    | 98    | 85302    | 55.794   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | = 111.580% |          |
| 62) 4-Bromofluorobenzene    | 12.477    | 95    | 27856    | 38.417   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | = 76.840%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.942     | 43    | 12599    | 86.598   | ug/l       | 90       |
| 40) Benzene                 | 8.161     | 78    | 2996     | 1.175    | ug/l       | 96       |
| 52) Toluene                 | 10.240    | 92    | 17964    | 11.167   | ug/l       | 98       |
| 67) Ethyl Benzene           | 11.587    | 91    | 5529     | 1.682    | ug/l       | 97       |
| 68) m/p-Xylenes             | 11.691    | 106   | 6655     | 5.062    | ug/l       | 89       |
| 69) o-Xylene                | 12.032    | 106   | 3235     | 2.607    | ug/l       | 82       |
| 84) 1,2,4-Trimethylbenzene  | 13.117    | 105   | 8714     | 3.903    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

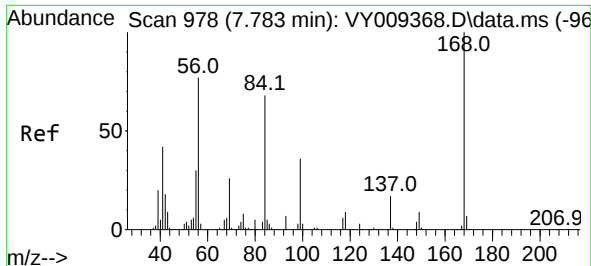
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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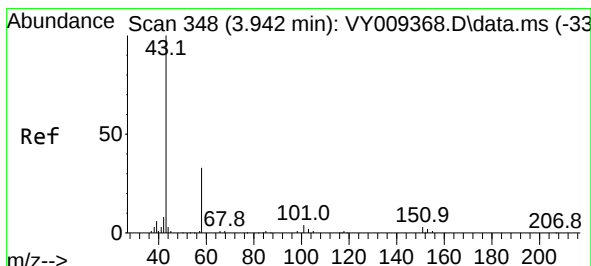
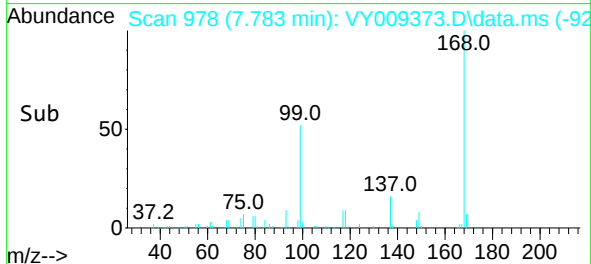
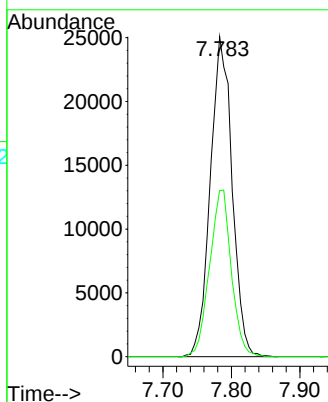
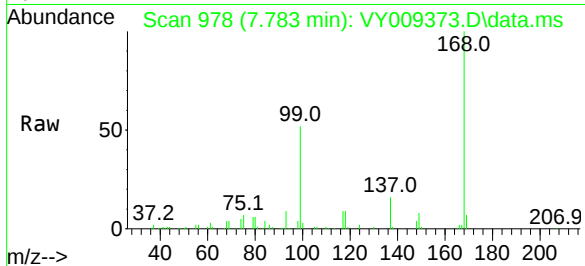




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

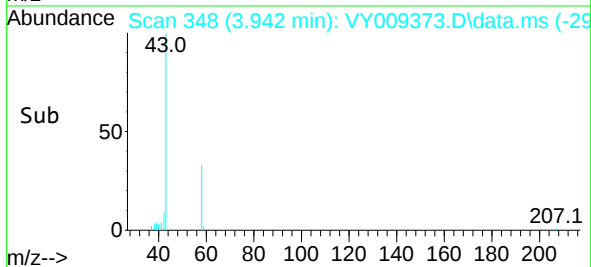
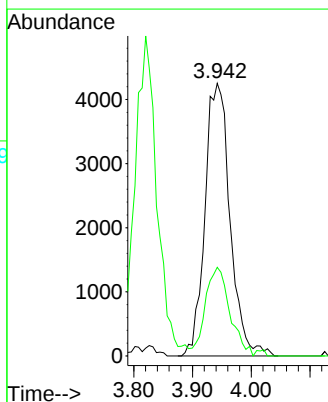
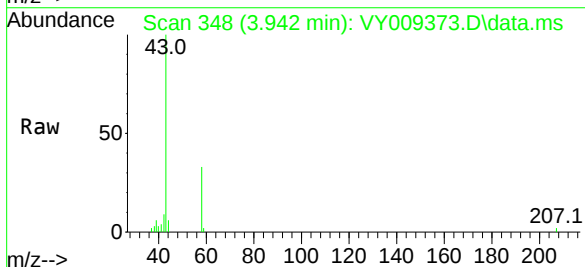
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MSVOA\_Y  
ClientSampleId :  
BUR-1206

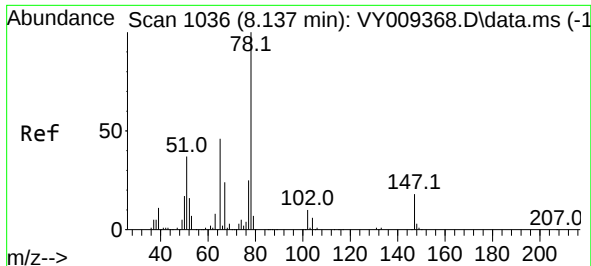
Tgt Ion:168 Resp: 55308  
Ion Ratio Lower Upper  
168 100  
99 51.9 46.9 70.3



#16  
Acetone  
Concen: 86.598 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

Tgt Ion: 43 Resp: 12599  
Ion Ratio Lower Upper  
43 100  
58 32.5 22.0 33.0

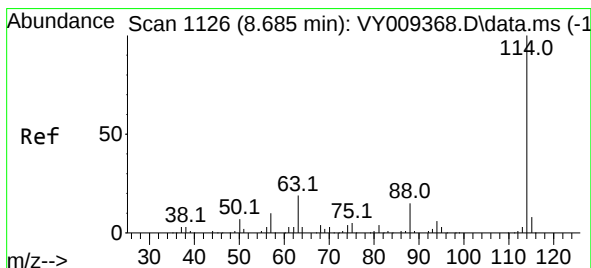
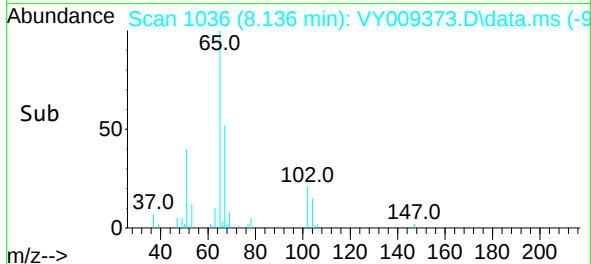
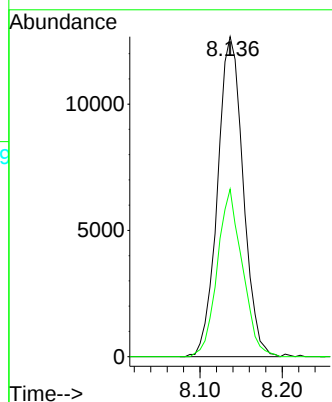
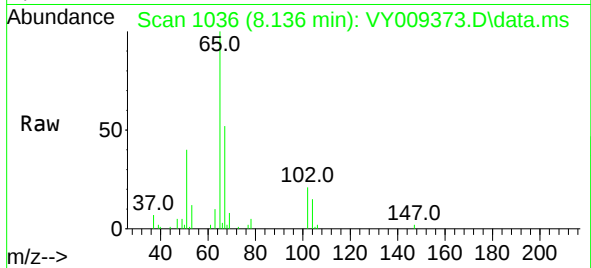




#33  
 1,2-Dichloroethane-d4  
 Concen: 62.005 ug/l  
 RT: 8.136 min Scan# 1103  
 Delta R.T. 0.000 min  
 Lab File: VY009373.D  
 Acq: 29 Jun 2022 14:58

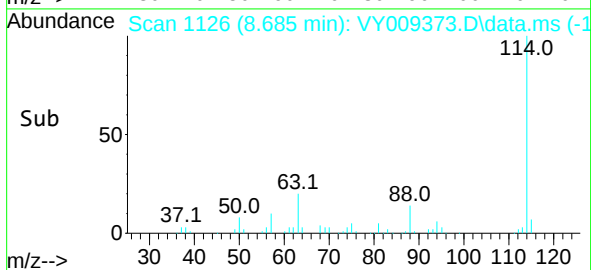
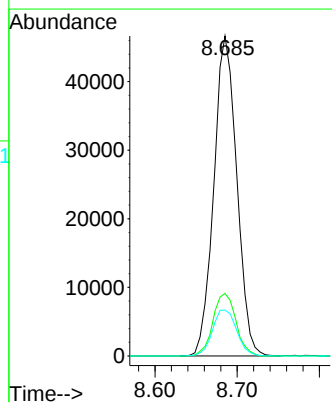
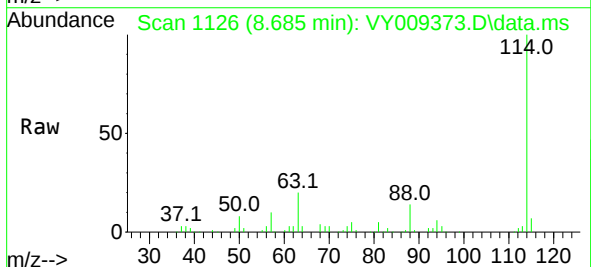
Instrument :  
 MSVOA\_Y  
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 BUR-1206

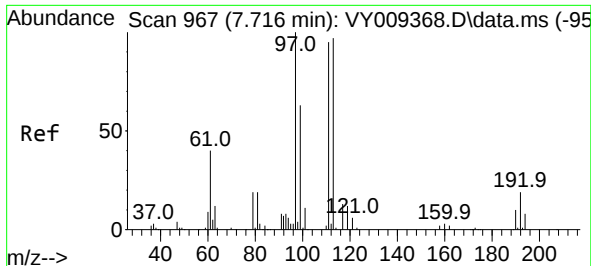
Tgt Ion: 65 Resp: 27468  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VY009373.D  
 Acq: 29 Jun 2022 14:58

Tgt Ion: 114 Resp: 90603  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 43.2  
 88 14.4 0.0 31.8

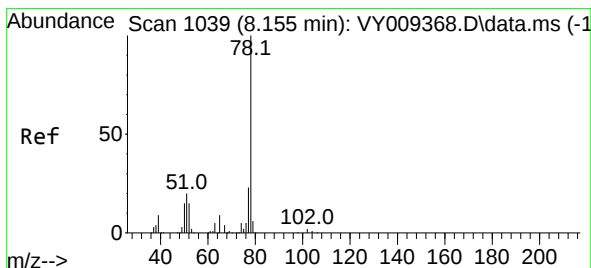
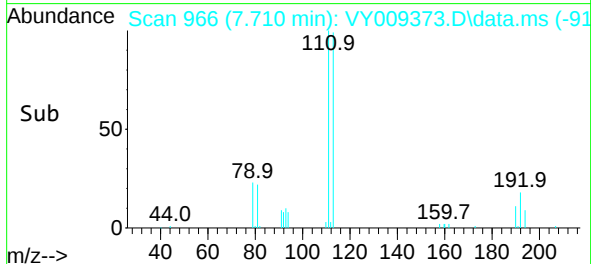
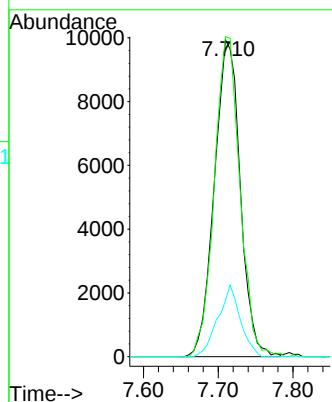
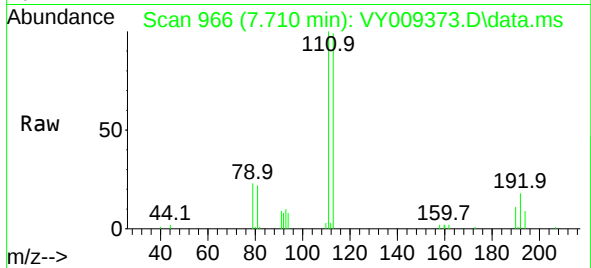




#35  
Dibromofluoromethane  
Concen: 47.999 ug/l  
RT: 7.710 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

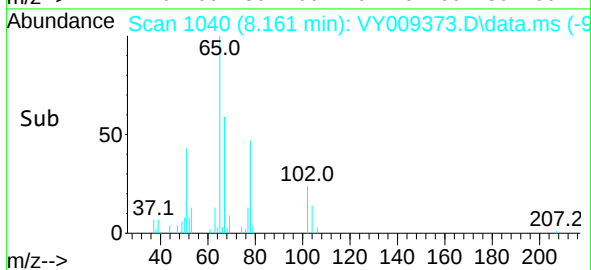
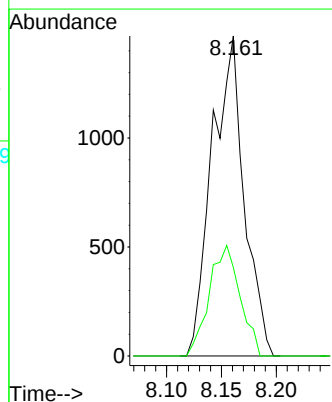
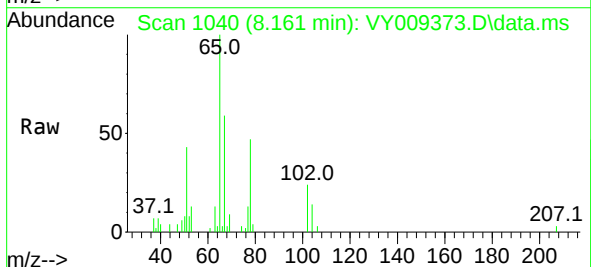
Instrument :  
MSVOA\_Y  
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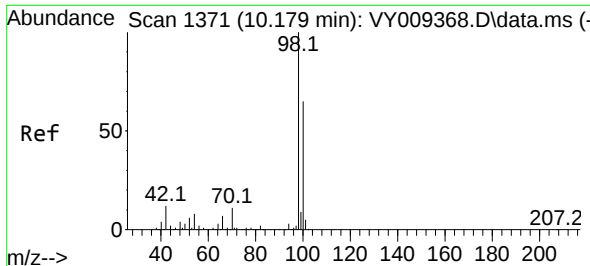
Tgt Ion:113 Resp: 23935  
Ion Ratio Lower Upper  
113 100  
111 99.7 82.6 124.0  
192 19.6 17.6 26.4



#40  
Benzene  
Concen: 1.175 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

Tgt Ion: 78 Resp: 2996  
Ion Ratio Lower Upper  
78 100  
77 27.7 20.4 30.6

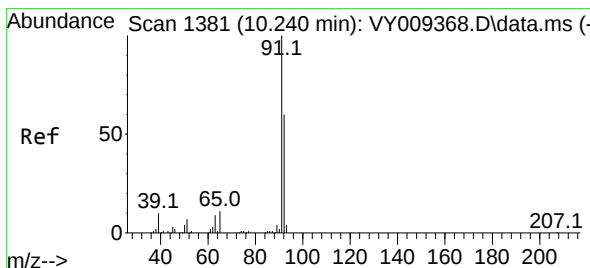
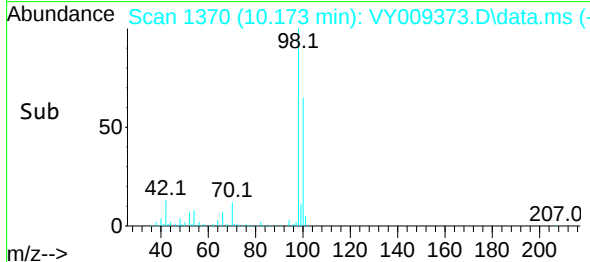
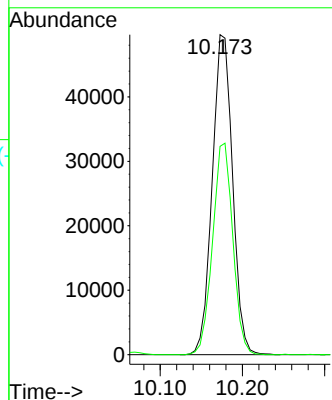
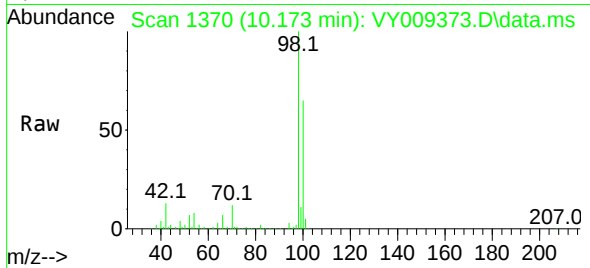




#50  
Toluene-d8  
Concen: 55.794 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

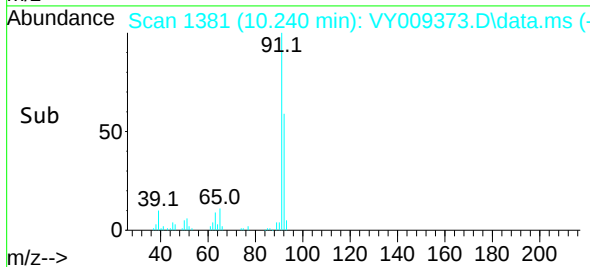
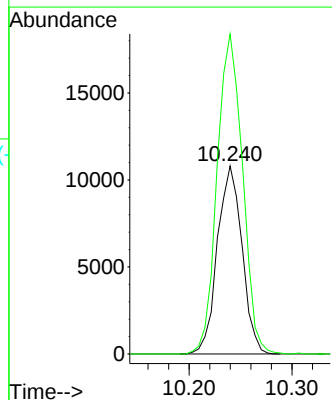
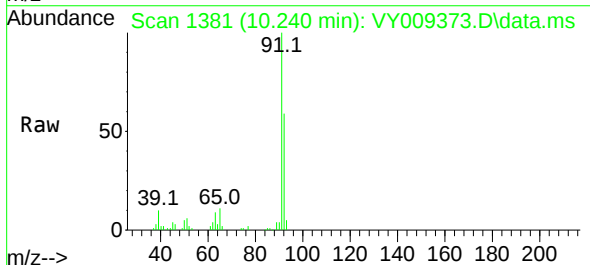
Instrument :  
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ClientSampleId :  
BUR-1206

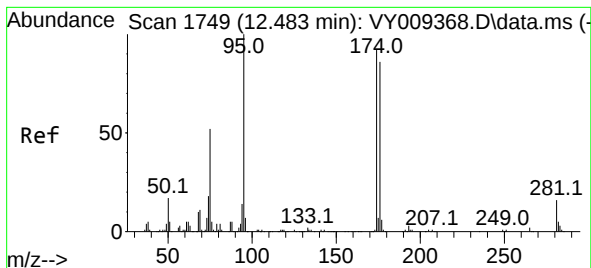
Tgt Ion: 98 Resp: 85302  
Ion Ratio Lower Upper  
98 100  
100 65.8 50.2 75.2



#52  
Toluene  
Concen: 11.167 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

Tgt Ion: 92 Resp: 17964  
Ion Ratio Lower Upper  
92 100  
91 175.9 142.6 213.8

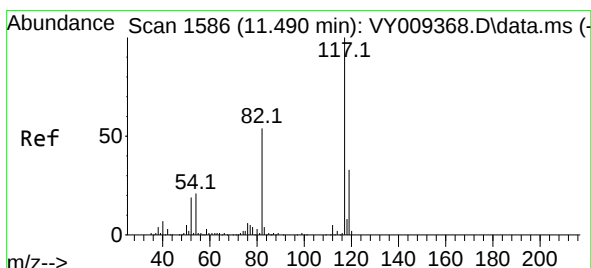
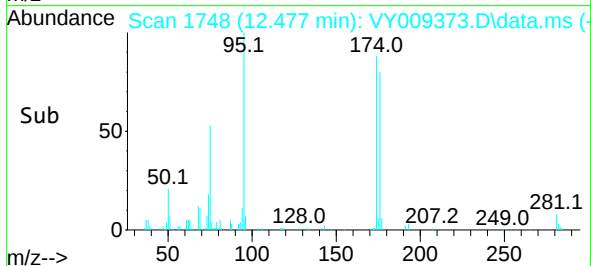
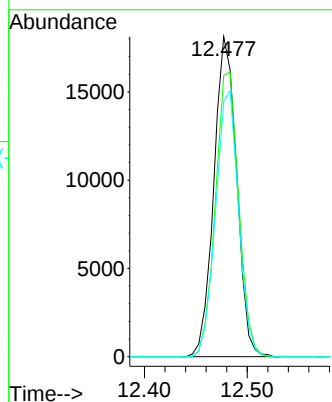
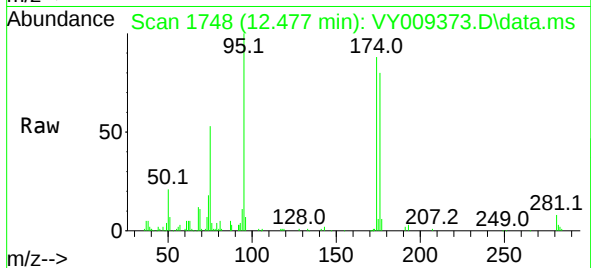




#62  
4-Bromofluorobenzene  
Concen: 38.417 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

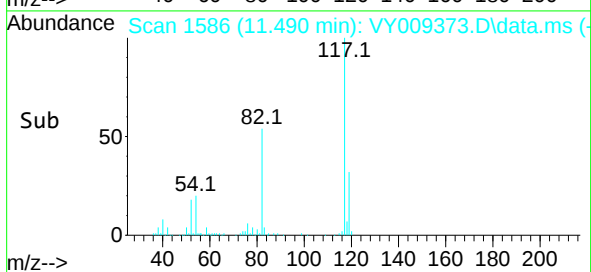
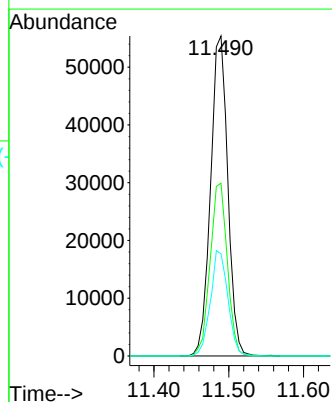
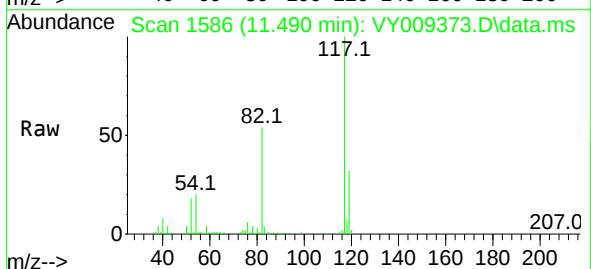
Instrument :  
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BUR-1206

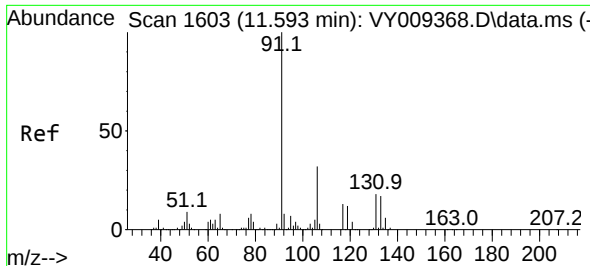
Tgt Ion: 95 Resp: 27856  
Ion Ratio Lower Upper  
95 100  
174 91.0 0.0 177.0  
176 83.7 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

Tgt Ion: 117 Resp: 88580  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.0 64.4  
119 32.0 25.4 38.0





#67

Ethyl Benzene

Concen: 1.682 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009373.D

Acq: 29 Jun 2022 14:58

Instrument :

MSVOA\_Y

ClientSampleId :

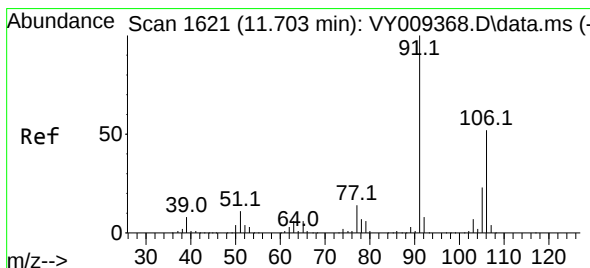
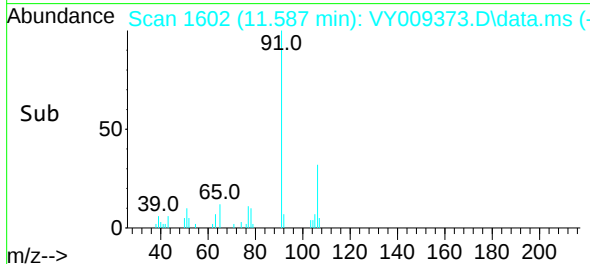
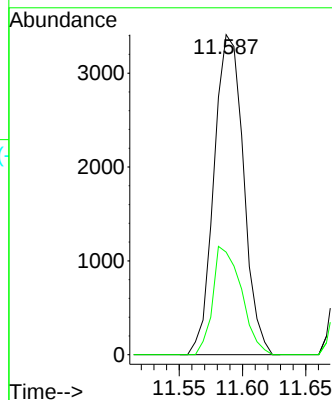
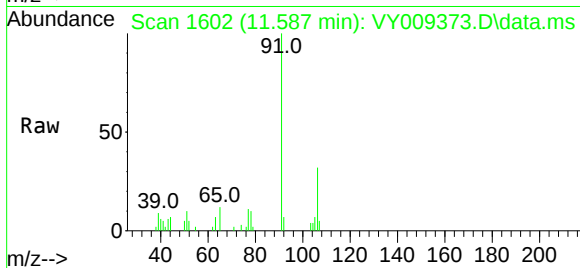
BUR-1206

Tgt Ion: 91 Resp: 5529

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 5.062 ug/l

RT: 11.691 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VY009373.D

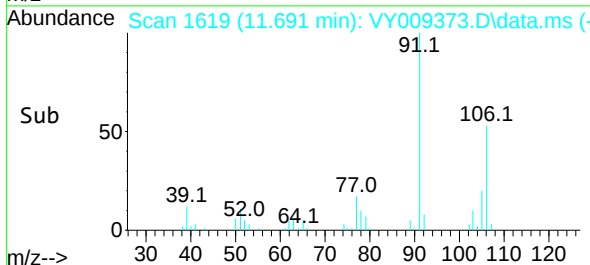
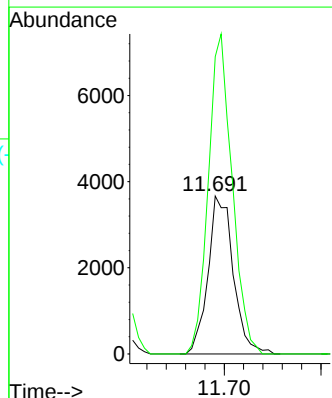
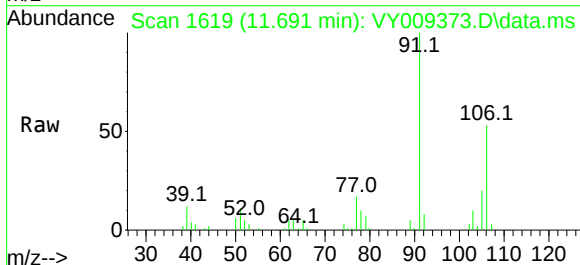
Acq: 29 Jun 2022 14:58

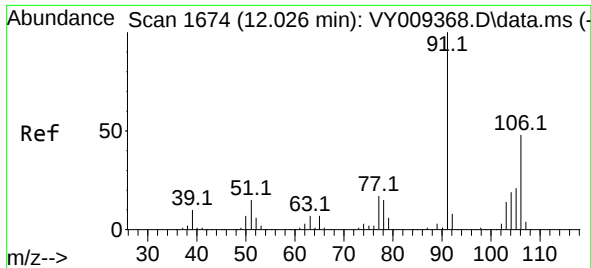
Tgt Ion:106 Resp: 6655

Ion Ratio Lower Upper

106 100

91 191.0 166.6 249.8

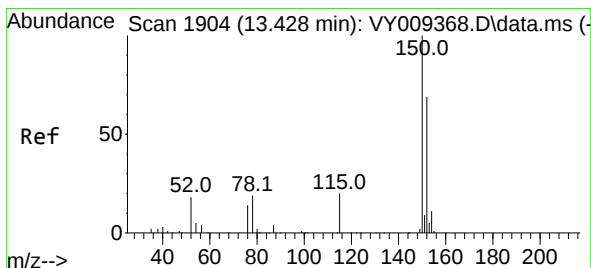
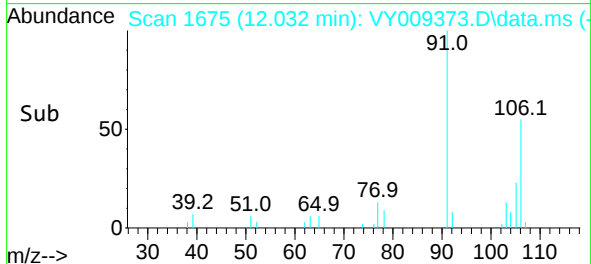
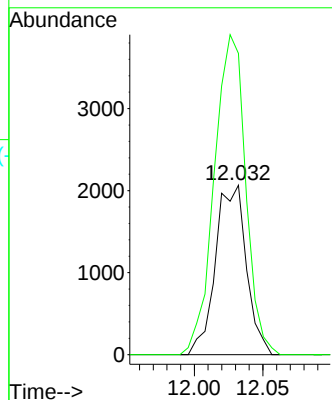
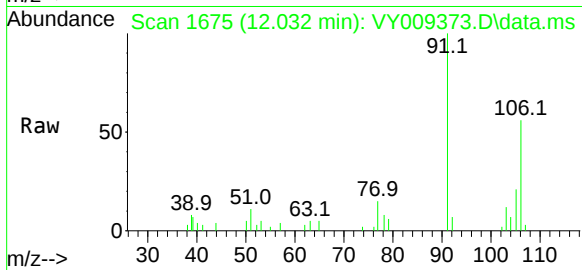




#69  
o-Xylene  
Concen: 2.607 ug/l  
RT: 12.032 min Scan# 110  
Delta R.T. 0.006 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

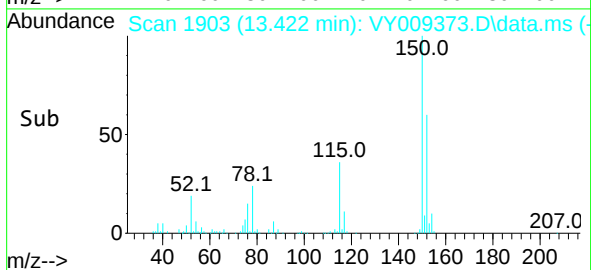
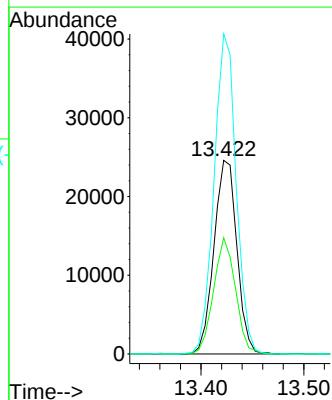
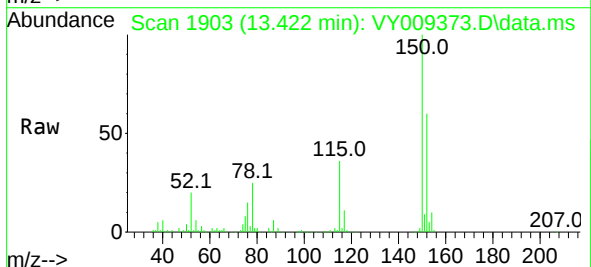
Instrument :  
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BUR-1206

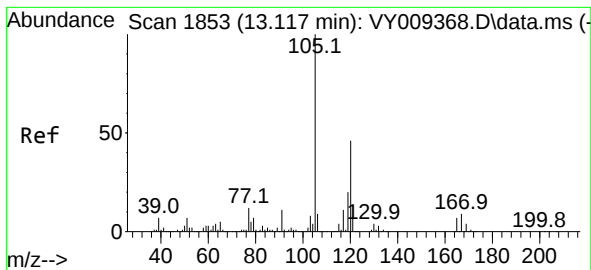
Tgt Ion:106 Resp: 3235  
Ion Ratio Lower Upper  
106 100  
91 192.1 110.3 331.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY009373.D  
Acq: 29 Jun 2022 14:58

Tgt Ion:152 Resp: 38037  
Ion Ratio Lower Upper  
152 100  
115 57.3 28.2 84.7  
150 159.5 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 3.903 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009373.D

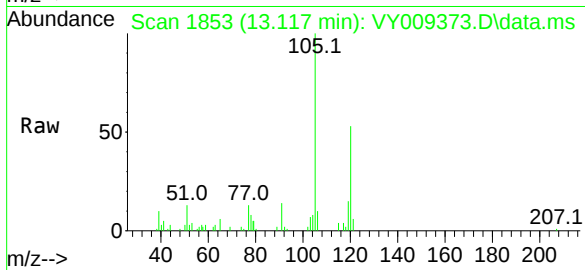
Acq: 29 Jun 2022 14:58

Instrument :

MSVOA\_Y

ClientSampleId :

BUR-1206



Tgt Ion:105 Resp: 8714

Ion Ratio Lower Upper

105 100

120 43.5 22.3 66.9

