

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031722\  
 Data File : VX027495.D  
 Acq On : 17 Mar 2022 18:35  
 Operator : JC/MD  
 Sample : N1997-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-101

Quant Time: Mar 18 02:06:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

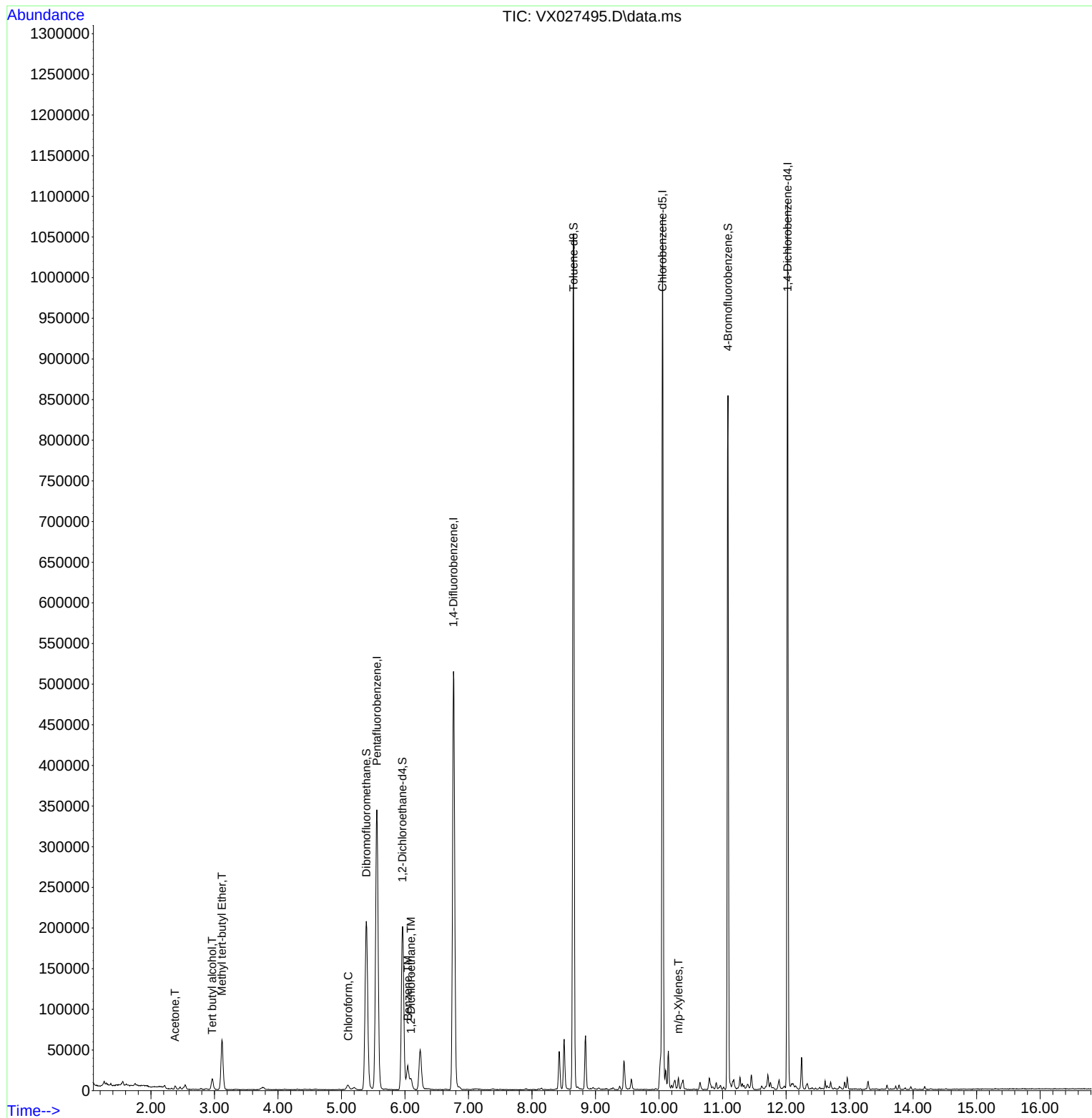
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 335066   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 545850   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 490983   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 224014   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 204593   | 49.566   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 99.140%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 183545   | 52.264   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 104.520% |
| 50) Toluene-d8              | 8.653  | 98    | 638901   | 48.076   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 96.160%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 231744   | 47.444   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 94.880%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.965  | 59    | 15198    | 19.320   | ug/l   | 99       |
| 16) Acetone                 | 2.380  | 43    | 4277     | 2.542    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 69492    | 6.620    | ug/l   | 100      |
| 30) Chloroform              | 5.105  | 83    | 7642     | 1.198    | ug/l   | 97       |
| 40) Benzene                 | 6.044  | 78    | 33913    | 2.463    | ug/l   | 96       |
| 42) 1,2-Dichloroethane      | 6.092  | 62    | 15122    | 2.931    | ug/l   | 95       |
| 68) m/p-Xylenes             | 10.305 | 106   | 3351     | 0.492    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

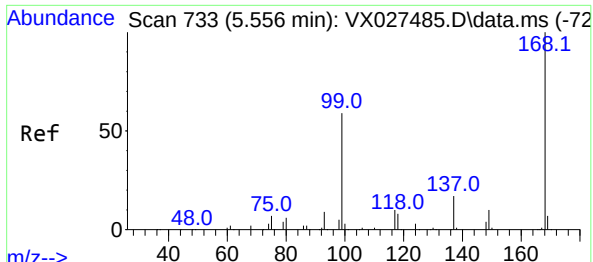
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration

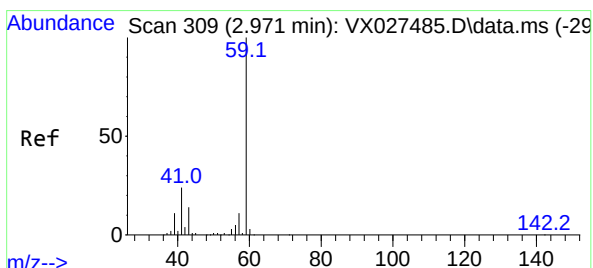
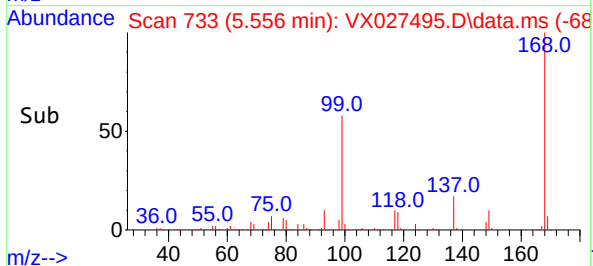
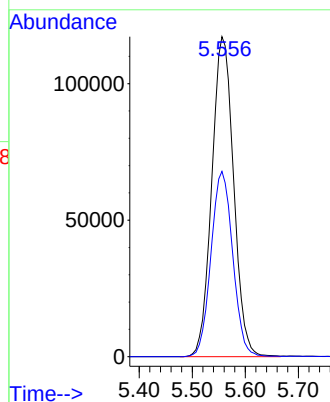
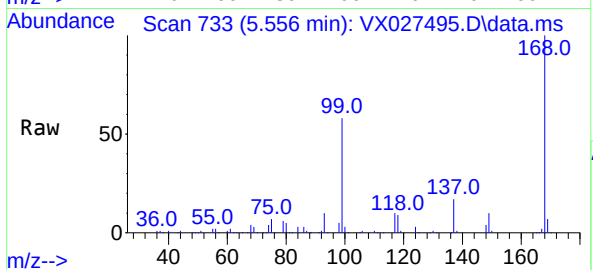




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

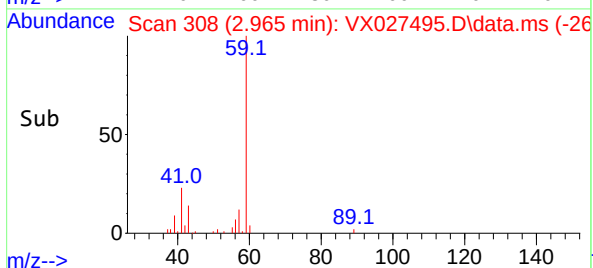
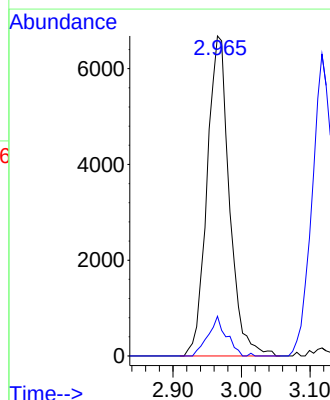
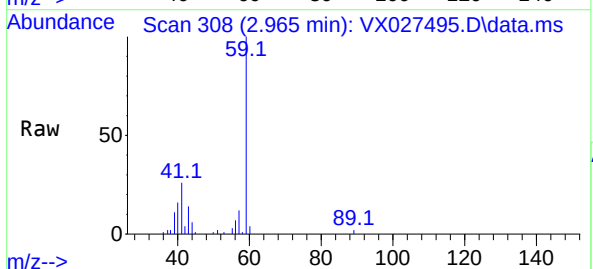
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-101

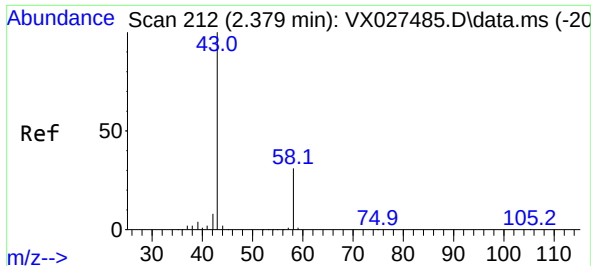
Tgt Ion:168 Resp: 335066  
Ion Ratio Lower Upper  
168 100  
99 57.9 41.7 62.5



#11  
Tert butyl alcohol  
Concen: 19.320 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

Tgt Ion: 59 Resp: 15198  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5

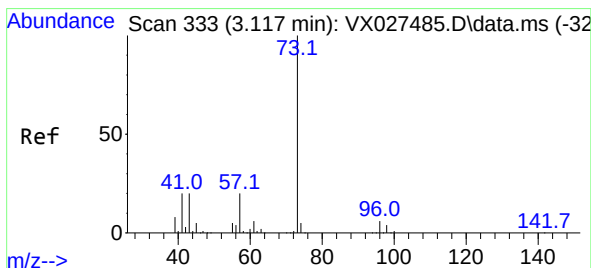
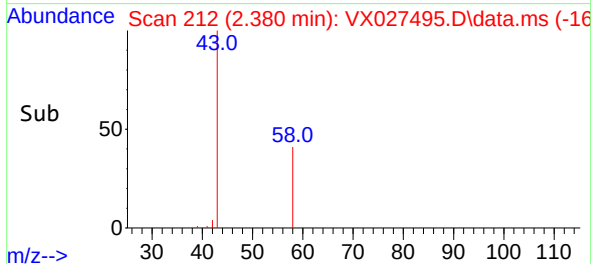
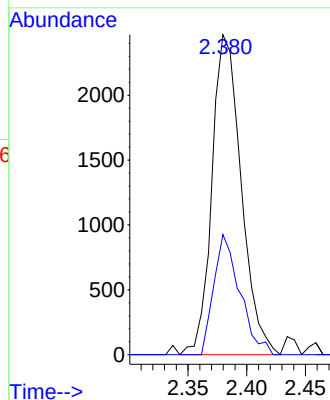
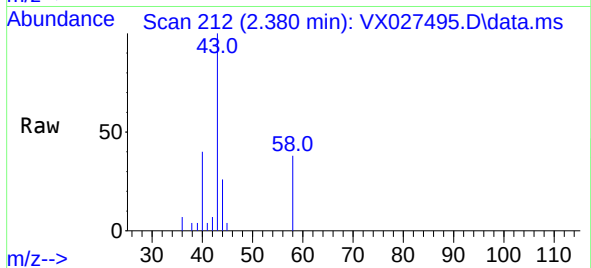




#16  
Acetone  
Concen: 2.542 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

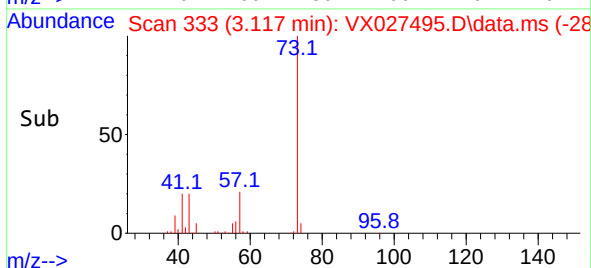
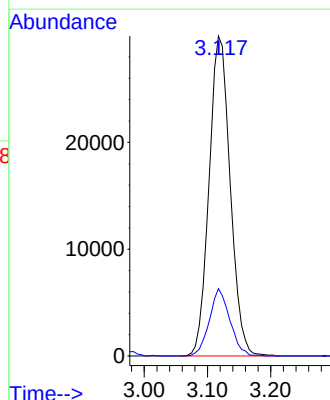
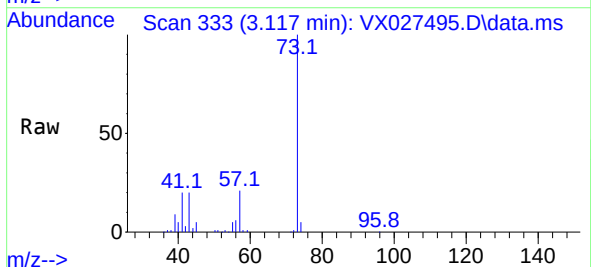
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MSVOA\_X  
ClientSampleId :  
MW-101

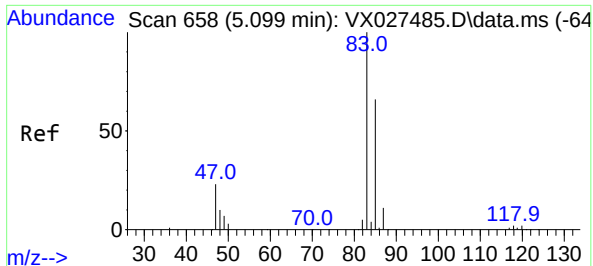
Tgt Ion: 43 Resp: 4277  
Ion Ratio Lower Upper  
43 100  
58 37.6 28.8 43.2



#19  
Methyl tert-butyl Ether  
Concen: 6.620 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

Tgt Ion: 73 Resp: 69492  
Ion Ratio Lower Upper  
73 100  
57 21.0 16.8 25.2





#30

Chloroform

Concen: 1.198 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027495.D

Acq: 17 Mar 2022 18:35

Instrument :

MSVOA\_X

ClientSampleId :

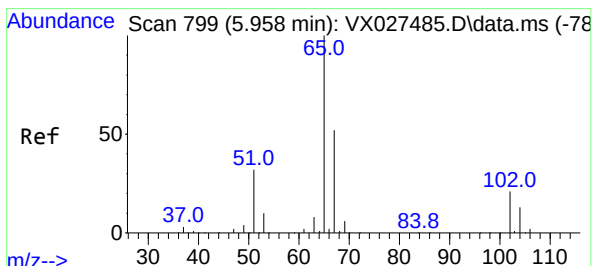
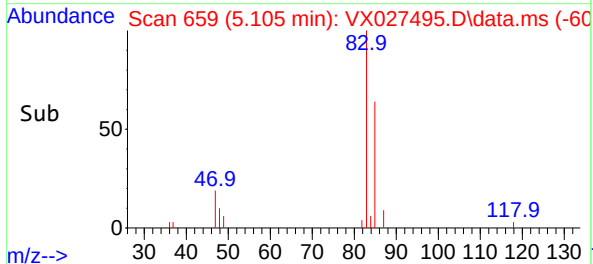
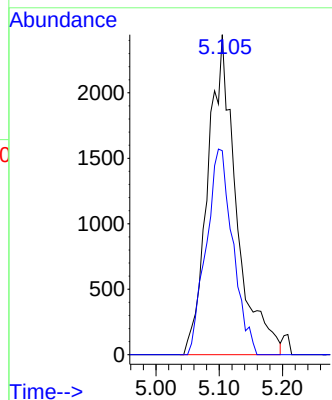
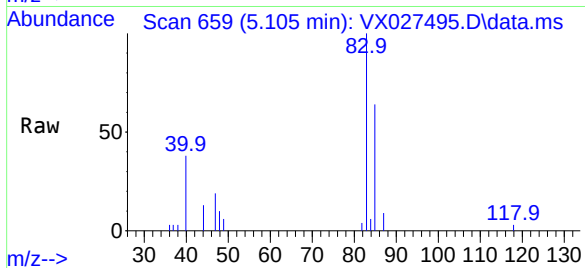
MW-101

Tgt Ion: 83 Resp: 7642

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 49.566 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027495.D

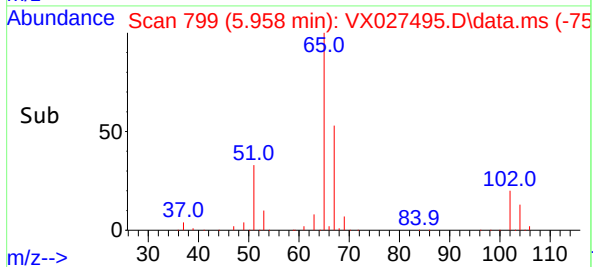
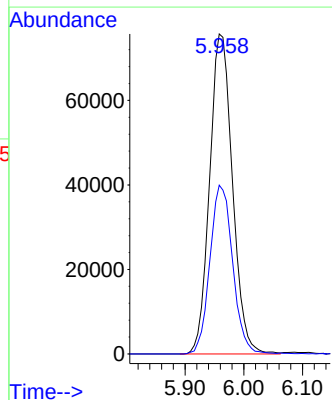
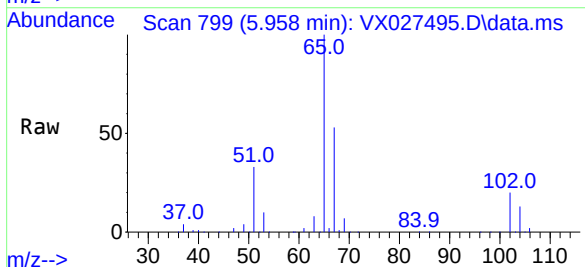
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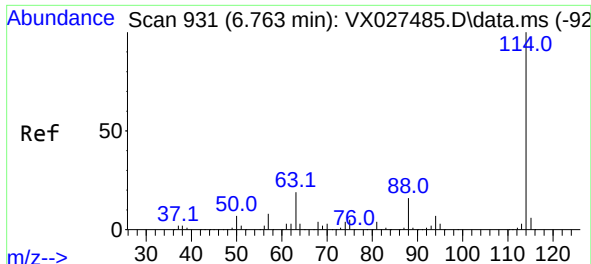
Tgt Ion: 65 Resp: 204593

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4

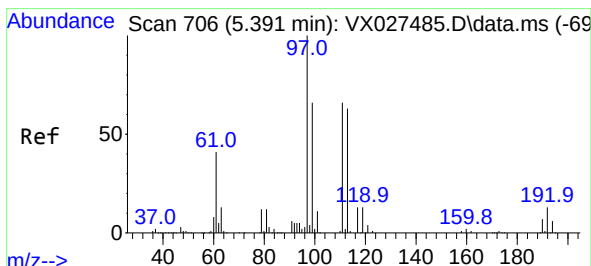
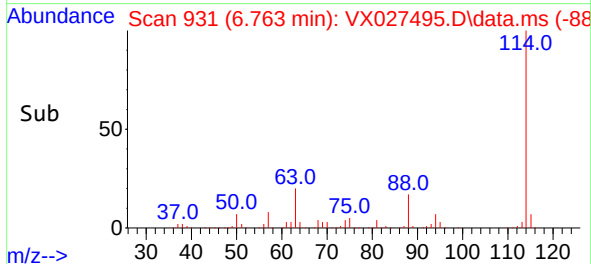
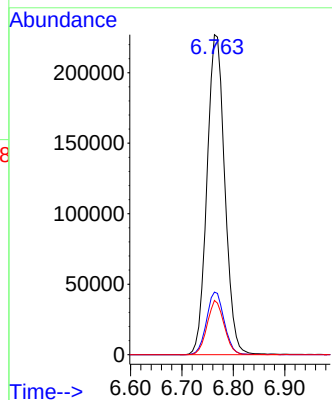
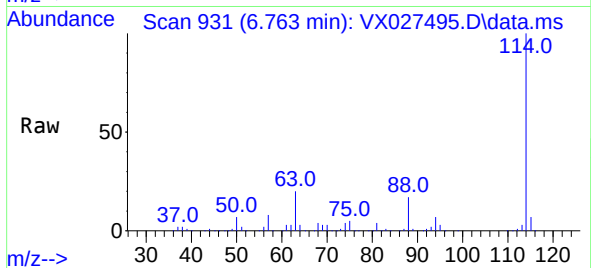




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

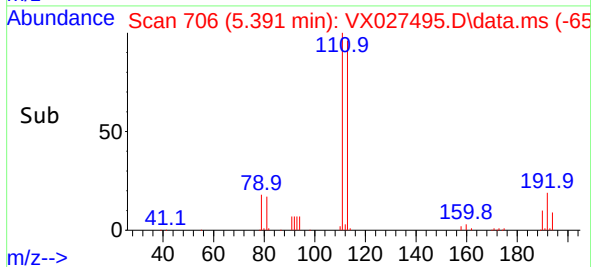
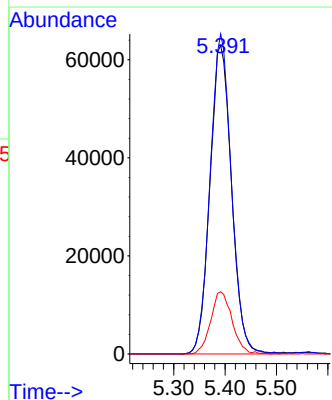
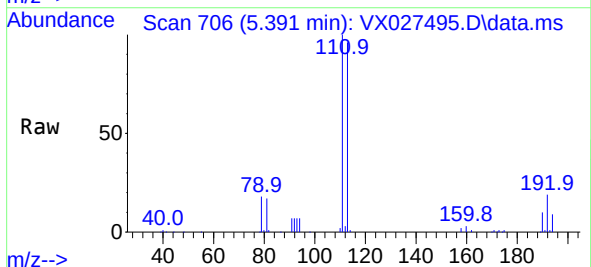
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-101

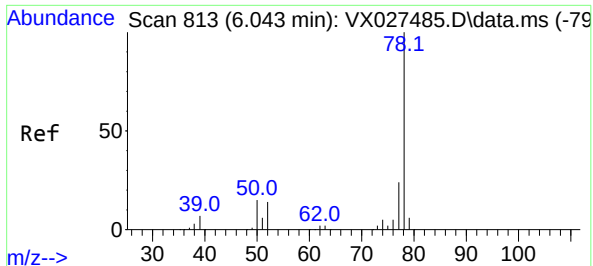
Tgt Ion:114 Resp: 545850  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 36.8  
88 17.0 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 52.264 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

Tgt Ion:113 Resp: 183545  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 20.0 16.9 25.3

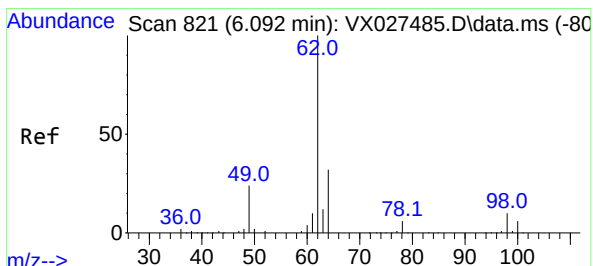
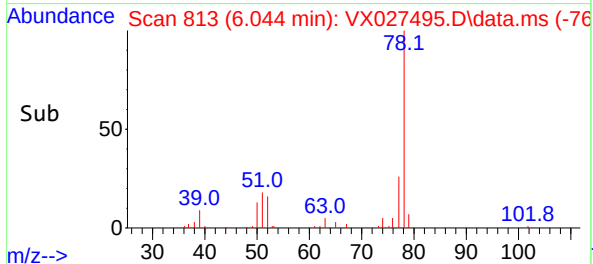
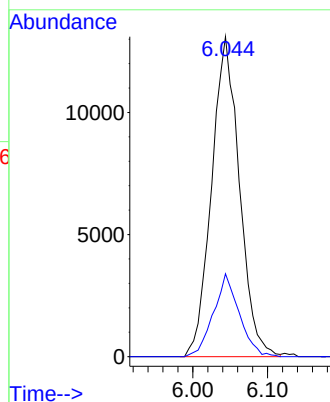
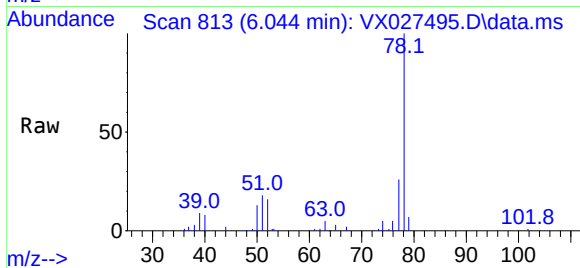




#40  
Benzene  
Concen: 2.463 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

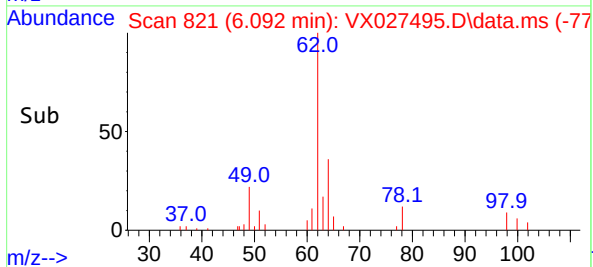
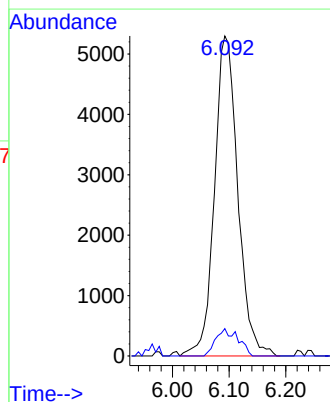
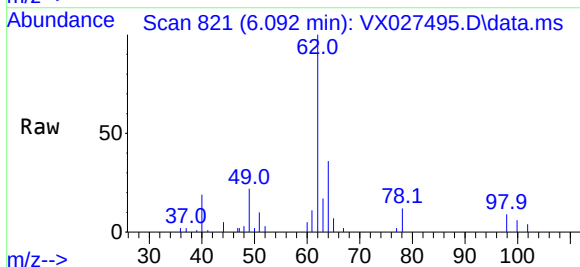
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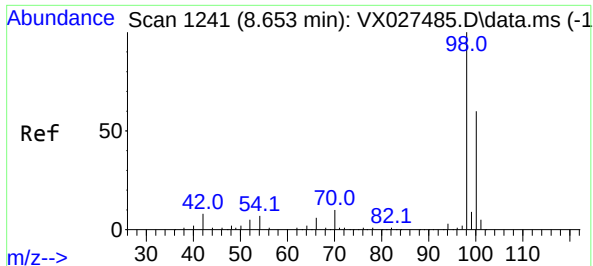
Tgt Ion: 78 Resp: 33913  
Ion Ratio Lower Upper  
78 100  
77 25.9 19.3 28.9



#42  
1,2-Dichloroethane  
Concen: 2.931 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

Tgt Ion: 62 Resp: 15122  
Ion Ratio Lower Upper  
62 100  
98 8.2 0.0 20.4





#50

Toluene-d8

Concen: 48.076 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027495.D

Acq: 17 Mar 2022 18:35

Instrument :

MSVOA\_X

ClientSampleId :

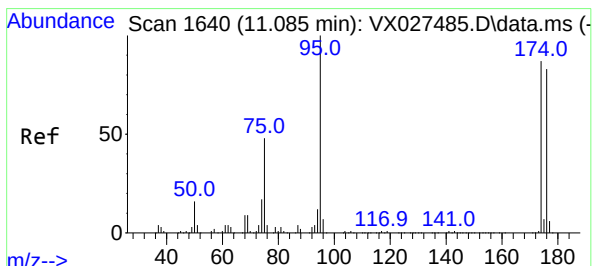
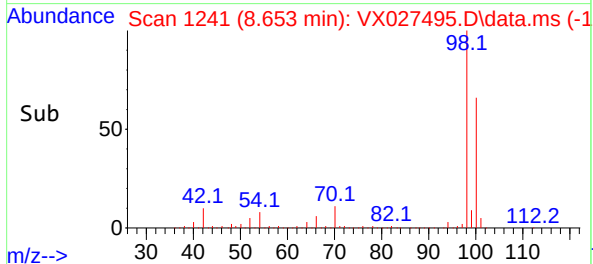
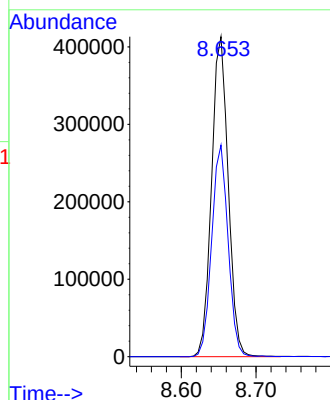
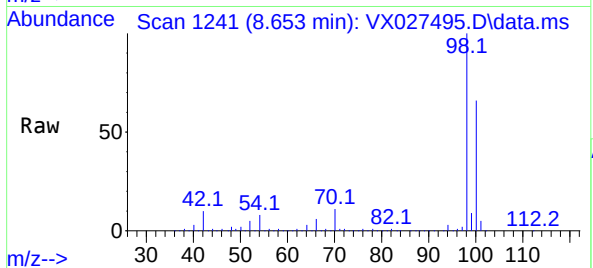
MW-101

Tgt Ion: 98 Resp: 638901

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.444 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027495.D

Acq: 17 Mar 2022 18:35

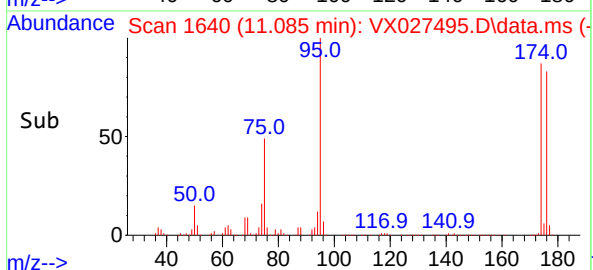
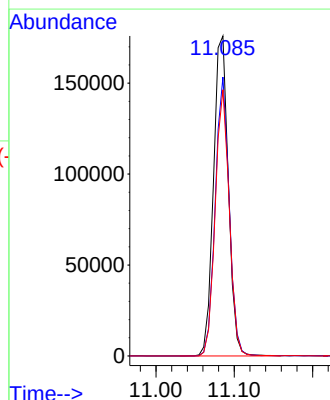
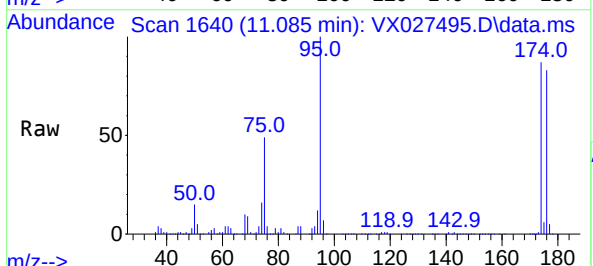
Tgt Ion: 95 Resp: 231744

Ion Ratio Lower Upper

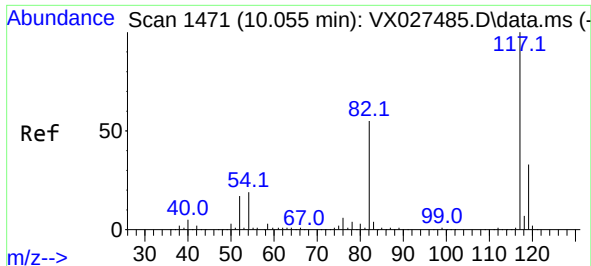
95 100

174 82.2 0.0 163.0

176 78.9 0.0 155.0



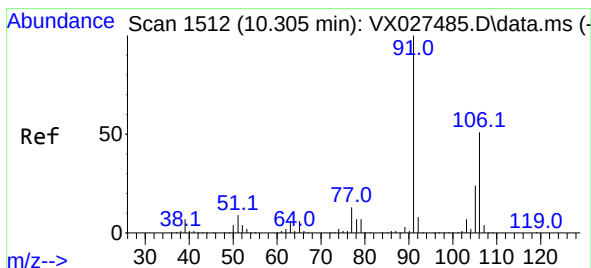
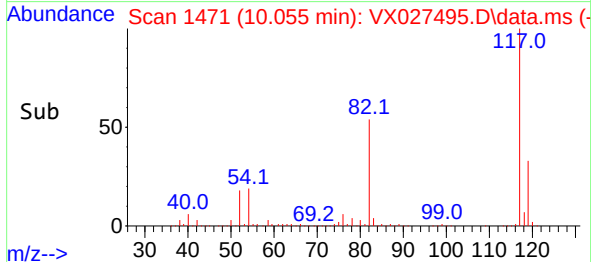
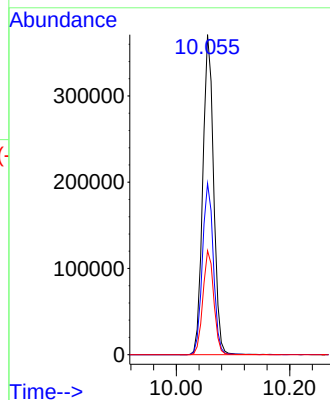
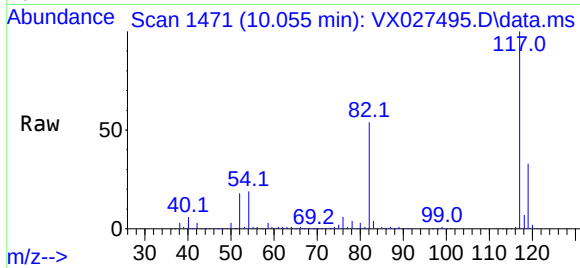




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

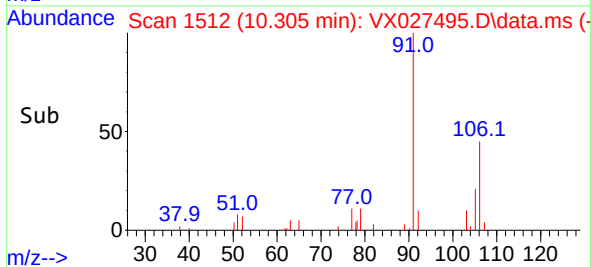
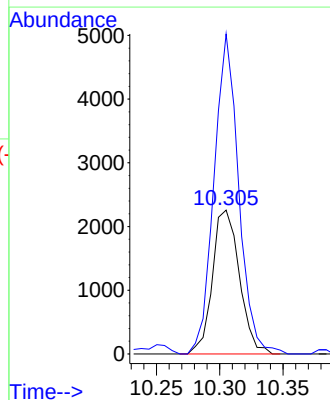
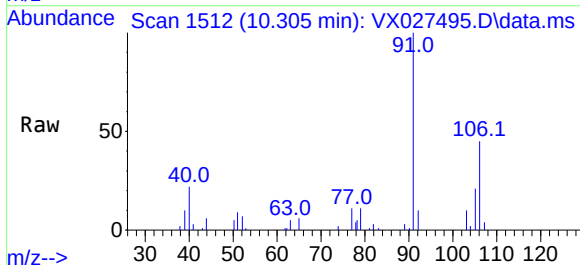
Instrument :  
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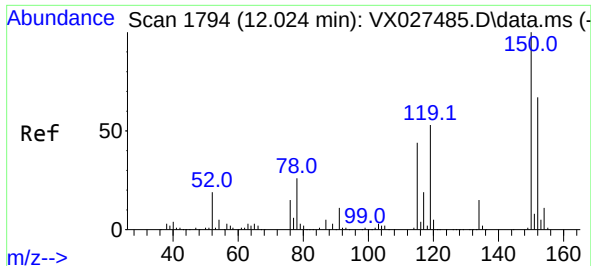
Tgt Ion:117 Resp: 490983  
Ion Ratio Lower Upper  
117 100  
82 53.5 41.8 62.8  
119 32.5 24.8 37.2



#68  
m/p-Xylenes  
Concen: 0.492 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX027495.D  
Acq: 17 Mar 2022 18:35

Tgt Ion:106 Resp: 3351  
Ion Ratio Lower Upper  
106 100  
91 203.0 160.4 240.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027495.D

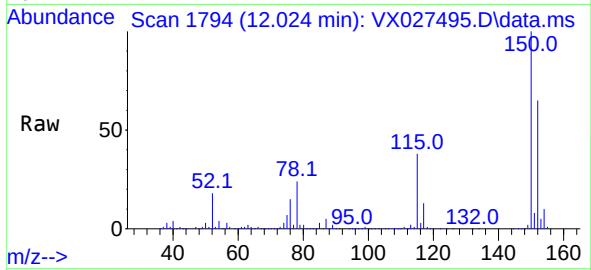
Acq: 17 Mar 2022 18:35

Instrument :

MSVOA\_X

ClientSampleId :

MW-101



Tgt Ion:152 Resp: 224014

Ion Ratio Lower Upper

152 100

115 59.6 37.5 112.7

150 155.4 0.0 338.2

