

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031722\  
 Data File : VX027504.D  
 Acq On : 17 Mar 2022 22:08  
 Operator : JC/MD  
 Sample : N1997-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-108

Quant Time: Mar 18 02:07:56 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

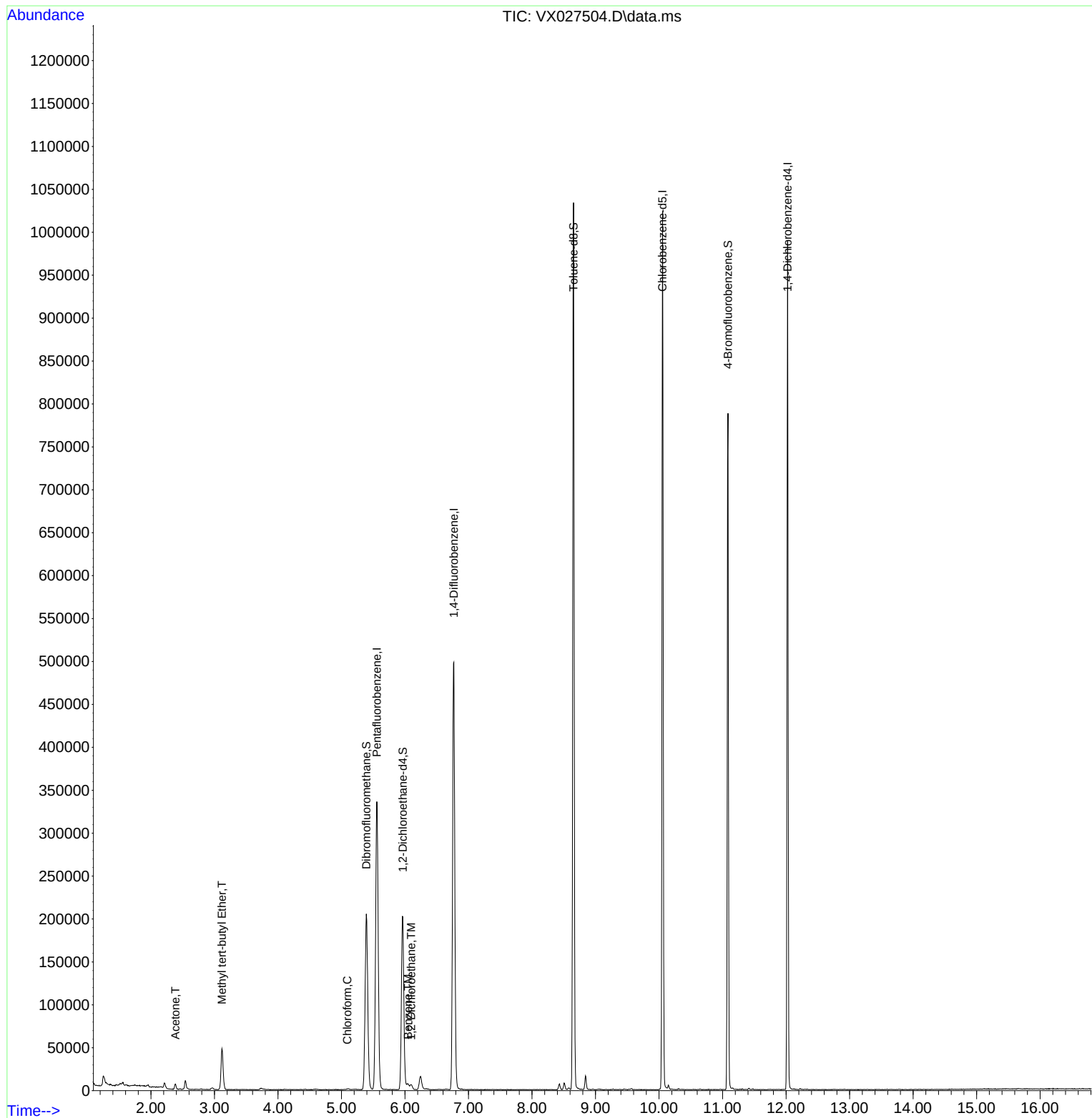
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 323817   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 531900   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 464147   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 199605   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 203904   | 51.12    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 102.24% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 178711   | 52.22    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 104.44% |          |
| 50) Toluene-d8              | 8.653  | 98    | 621778   | 48.01    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 96.02%  |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 212440   | 44.63    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.26%  |          |
| Target Compounds            |        |       |          |          |           |          |
|                             |        |       |          |          |           | Qvalue   |
| 16) Acetone                 | 2.386  | 43    | 6992     | 4.30     | ug/l      | 88       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 52851    | 5.21     | ug/l      | 99       |
| 30) Chloroform              | 5.092  | 83    | 1653     | 0.27     | ug/l      | 86       |
| 40) Benzene                 | 6.050  | 78    | 7056     | 0.53     | ug/l      | 97       |
| 42) 1,2-Dichloroethane      | 6.098  | 62    | 6830     | 1.36     | ug/l      | 94       |
| -----                       |        |       |          |          |           |          |

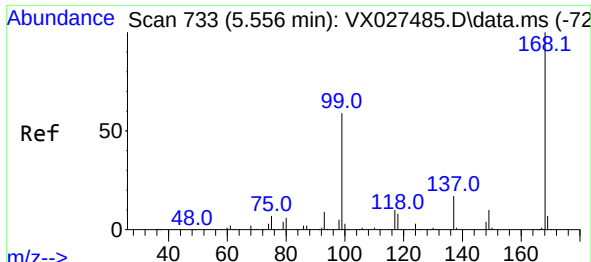
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
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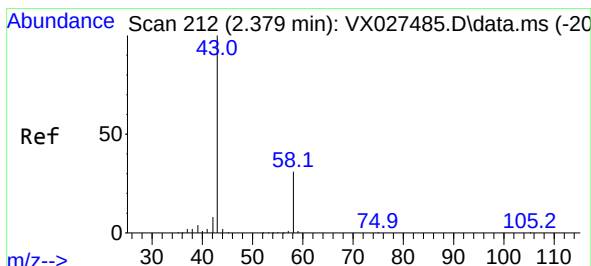
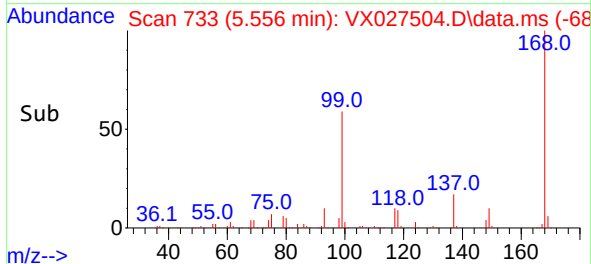
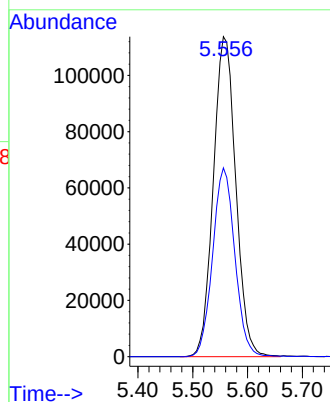
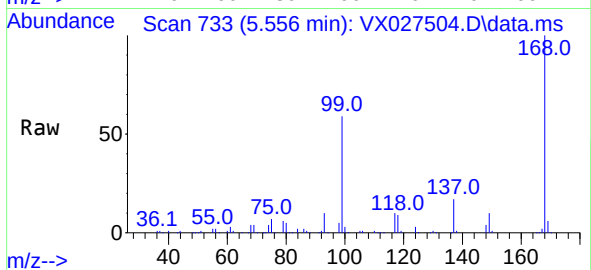




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

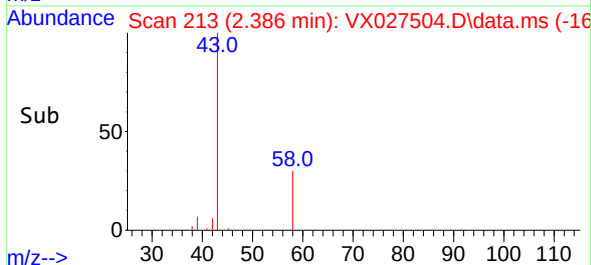
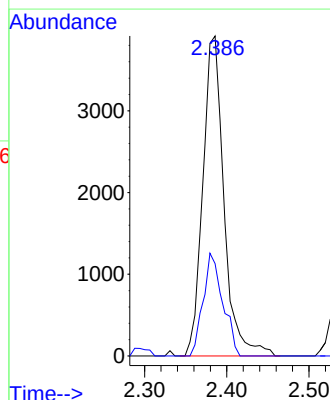
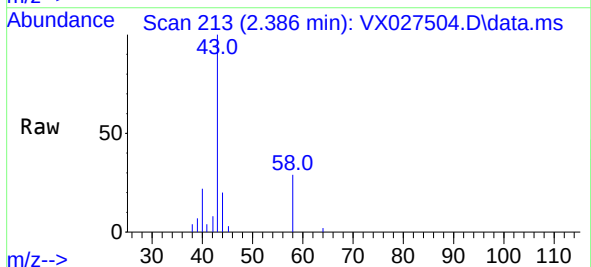
Instrument :  
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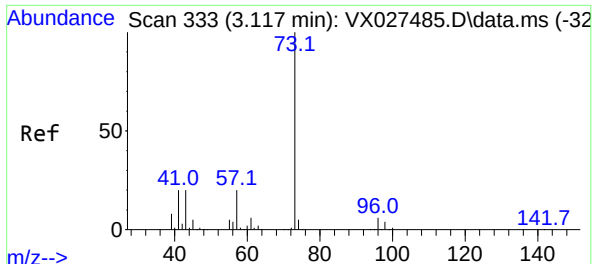
Tgt Ion:168 Resp: 323817  
Ion Ratio Lower Upper  
168 100  
99 59.0 41.7 62.5



#16  
Acetone  
Concen: 4.30 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

Tgt Ion: 43 Resp: 6992  
Ion Ratio Lower Upper  
43 100  
58 28.9 28.8 43.2

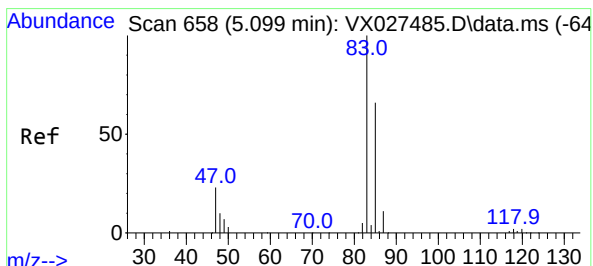
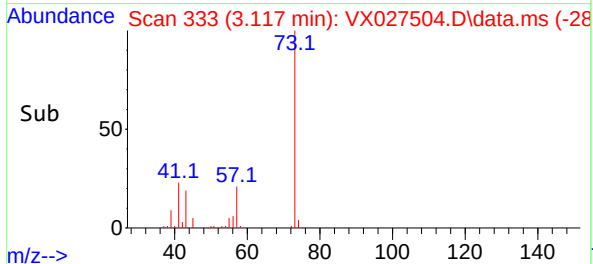
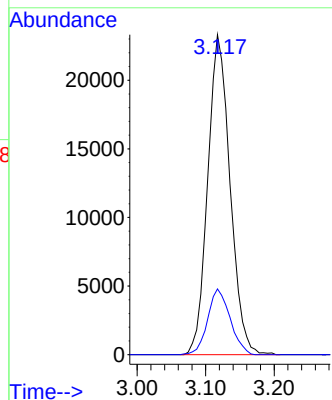
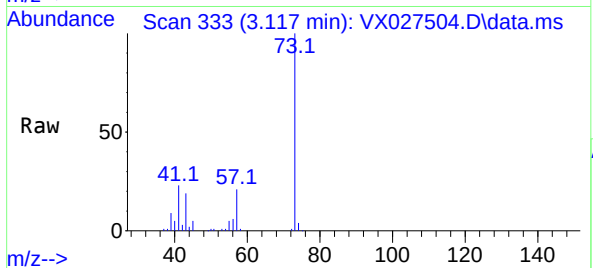




#19  
Methyl tert-butyl Ether  
Concen: 5.21 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

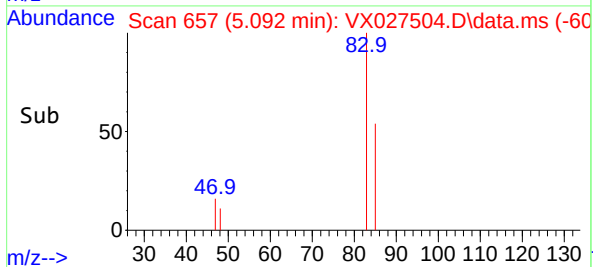
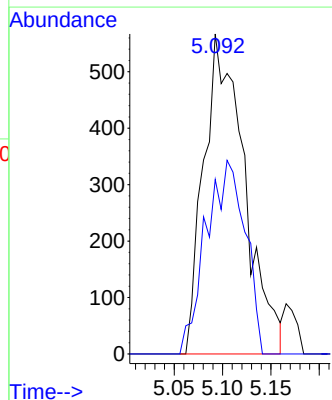
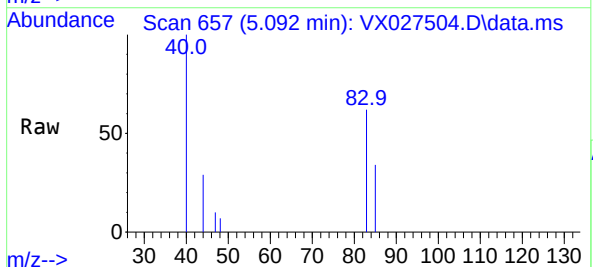
Instrument :  
MSVOA\_X  
ClientSampleId :  
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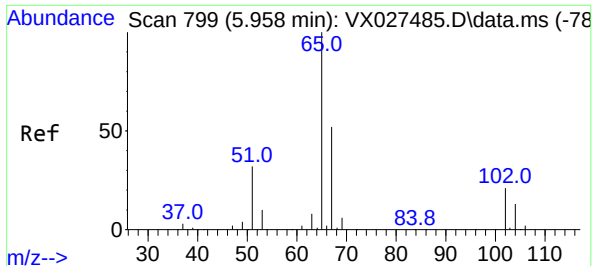
Tgt Ion: 73 Resp: 52851  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.8 25.2



#30  
Chloroform  
Concen: 0.27 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

Tgt Ion: 83 Resp: 1653  
Ion Ratio Lower Upper  
83 100  
85 54.5 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 51.12 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX027504.D

Acq: 17 Mar 2022 22:08

Instrument :

MSVOA\_X

ClientSampleId :

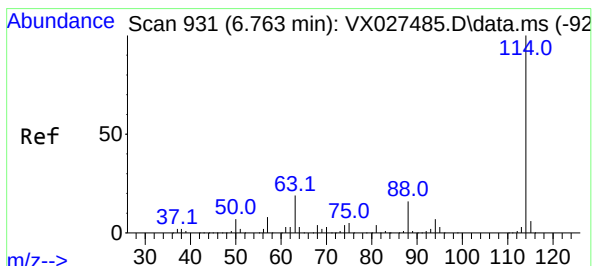
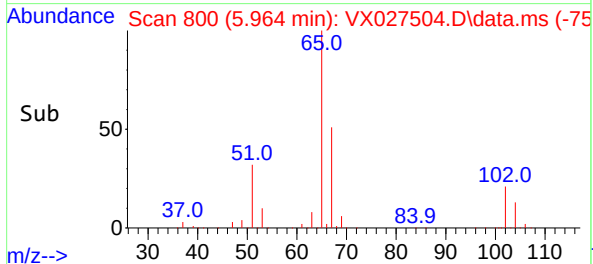
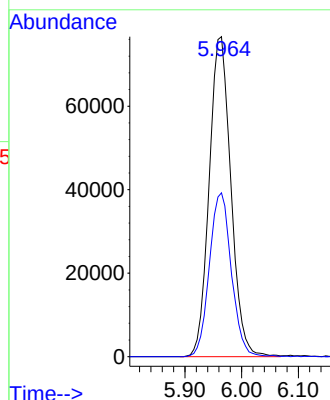
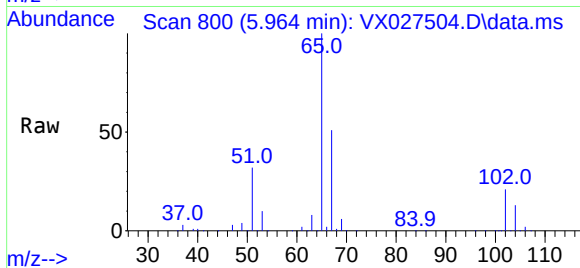
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Tgt Ion: 65 Resp: 203904

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027504.D

Acq: 17 Mar 2022 22:08

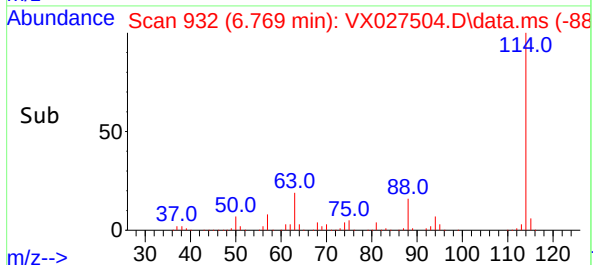
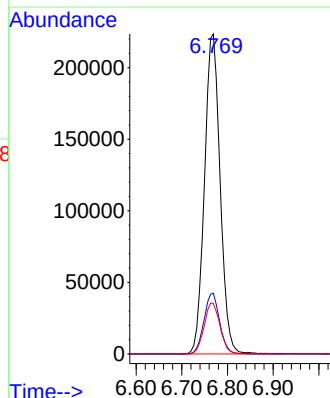
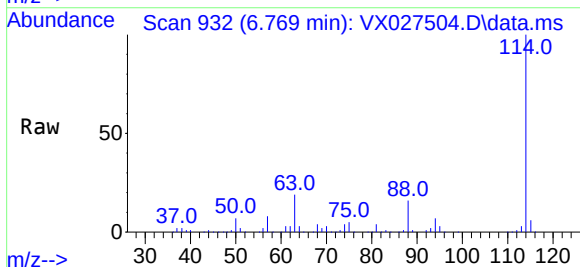
Tgt Ion: 114 Resp: 531900

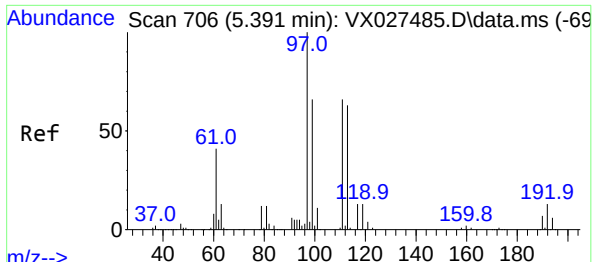
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 15.7 0.0 32.4



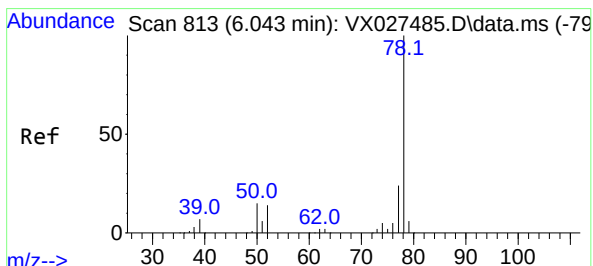
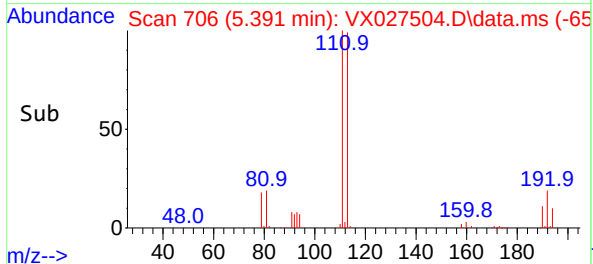
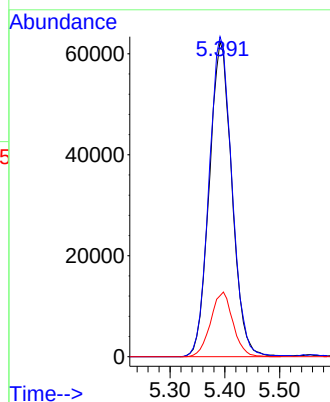
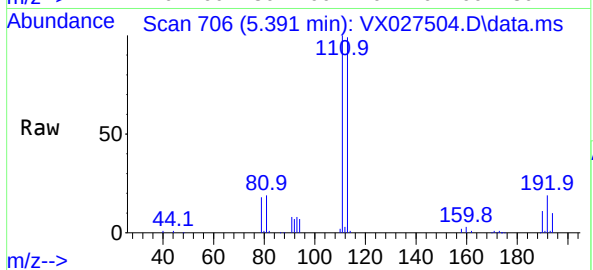


#35  
 Dibromofluoromethane  
 Concen: 52.22 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VX027504.D  
 Acq: 17 Mar 2022 22:08

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 ClientSampleId :  
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Tgt Ion:113 Resp: 178711

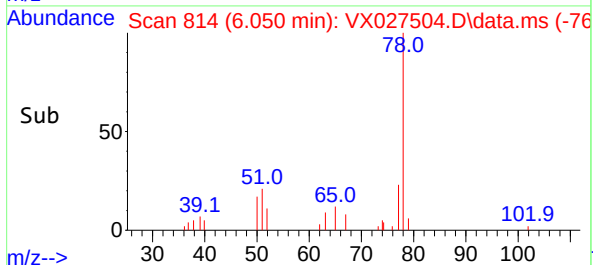
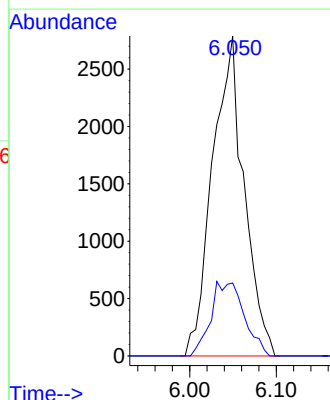
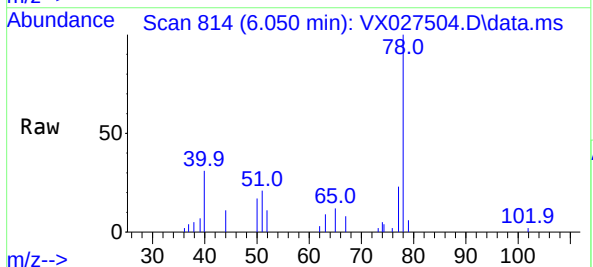
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.9 | 82.8  | 124.2 |
| 192 | 20.2  | 16.9  | 25.3  |

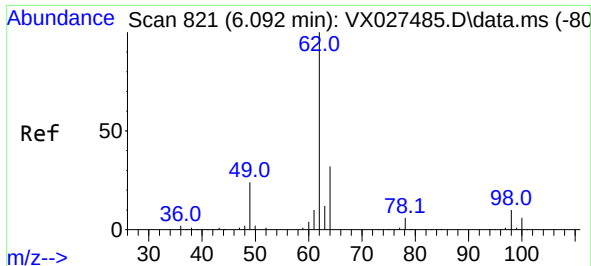


#40  
 Benzene  
 Concen: 0.53 ug/l  
 RT: 6.050 min Scan# 814  
 Delta R.T. 0.006 min  
 Lab File: VX027504.D  
 Acq: 17 Mar 2022 22:08

Tgt Ion: 78 Resp: 7056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.8  | 19.3  | 28.9  |

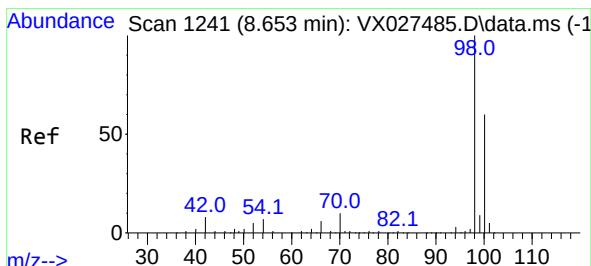
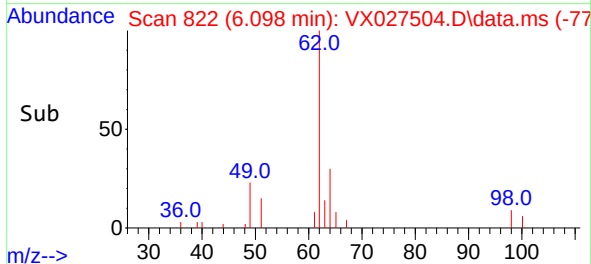
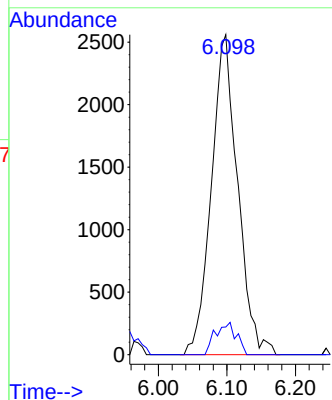
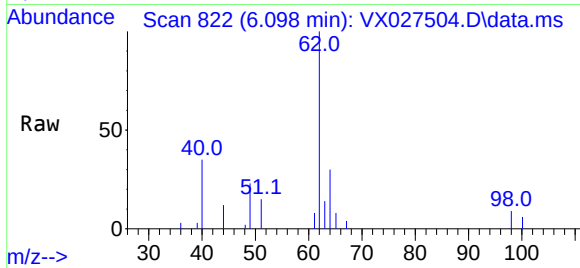




#42  
1,2-Dichloroethane  
Concen: 1.36 ug/l  
RT: 6.098 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

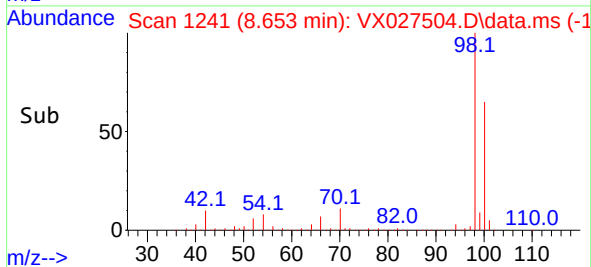
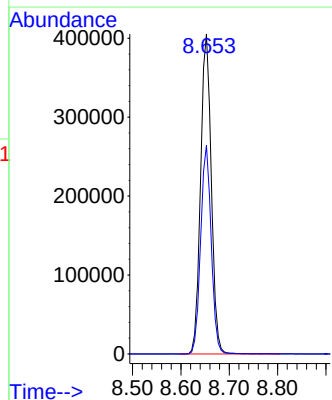
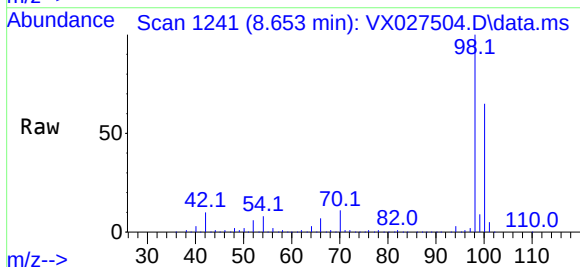
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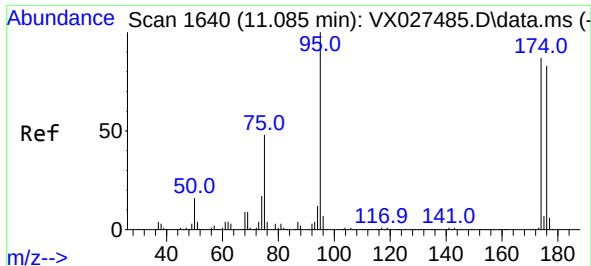
Tgt Ion: 62 Resp: 6830  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 20.4



#50  
Toluene-d8  
Concen: 48.01 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

Tgt Ion: 98 Resp: 621778  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 78.8

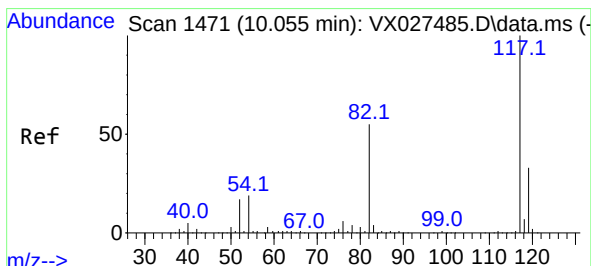
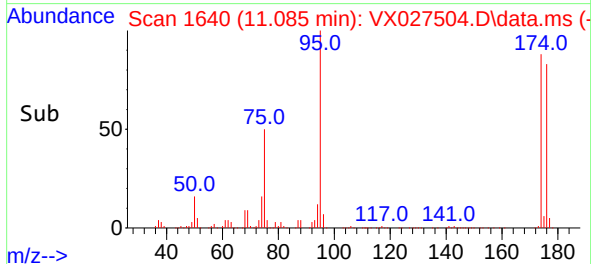
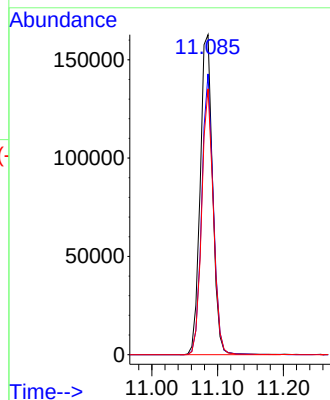
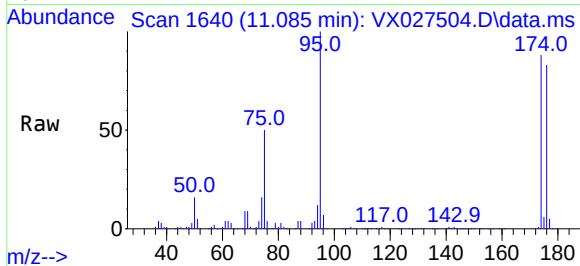




#62  
4-Bromofluorobenzene  
Concen: 44.63 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

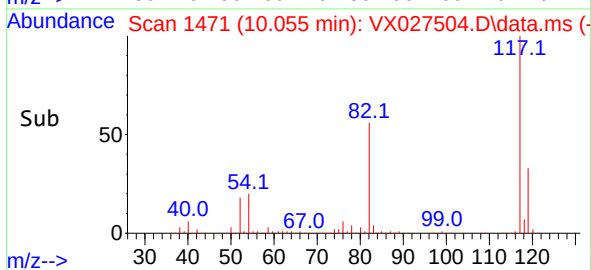
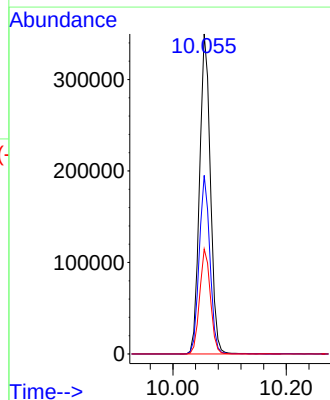
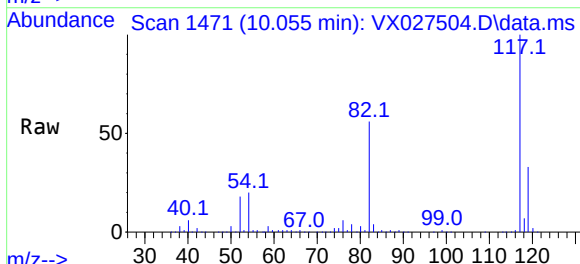
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Tgt Ion: 95 Resp: 212440  
Ion Ratio Lower Upper  
95 100  
174 82.2 0.0 163.0  
176 78.6 0.0 155.0

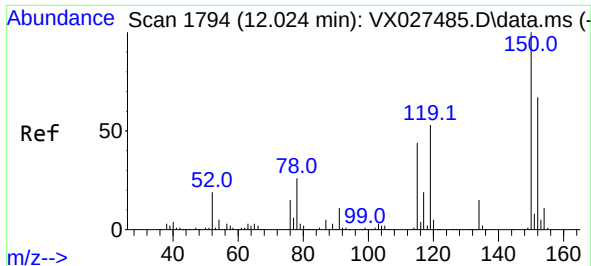


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027504.D  
Acq: 17 Mar 2022 22:08

Tgt Ion: 117 Resp: 464147  
Ion Ratio Lower Upper  
117 100  
82 55.8 41.8 62.8  
119 32.8 24.8 37.2







#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027504.D  
 Acq: 17 Mar 2022 22:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-108

Tgt Ion:152 Resp: 199605  
 Ion Ratio Lower Upper  
 152 100  
 115 60.4 37.5 112.7  
 150 158.1 0.0 338.2

