

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060322\  
 Data File : VX029200.D  
 Acq On : 03 Jun 2022 19:09  
 Operator : JC/MD  
 Sample : N3164-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 39BR-20220531

Quant Time: Jun 06 02:36:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 01 04:45:42 2022  
 Response via : Initial Calibration

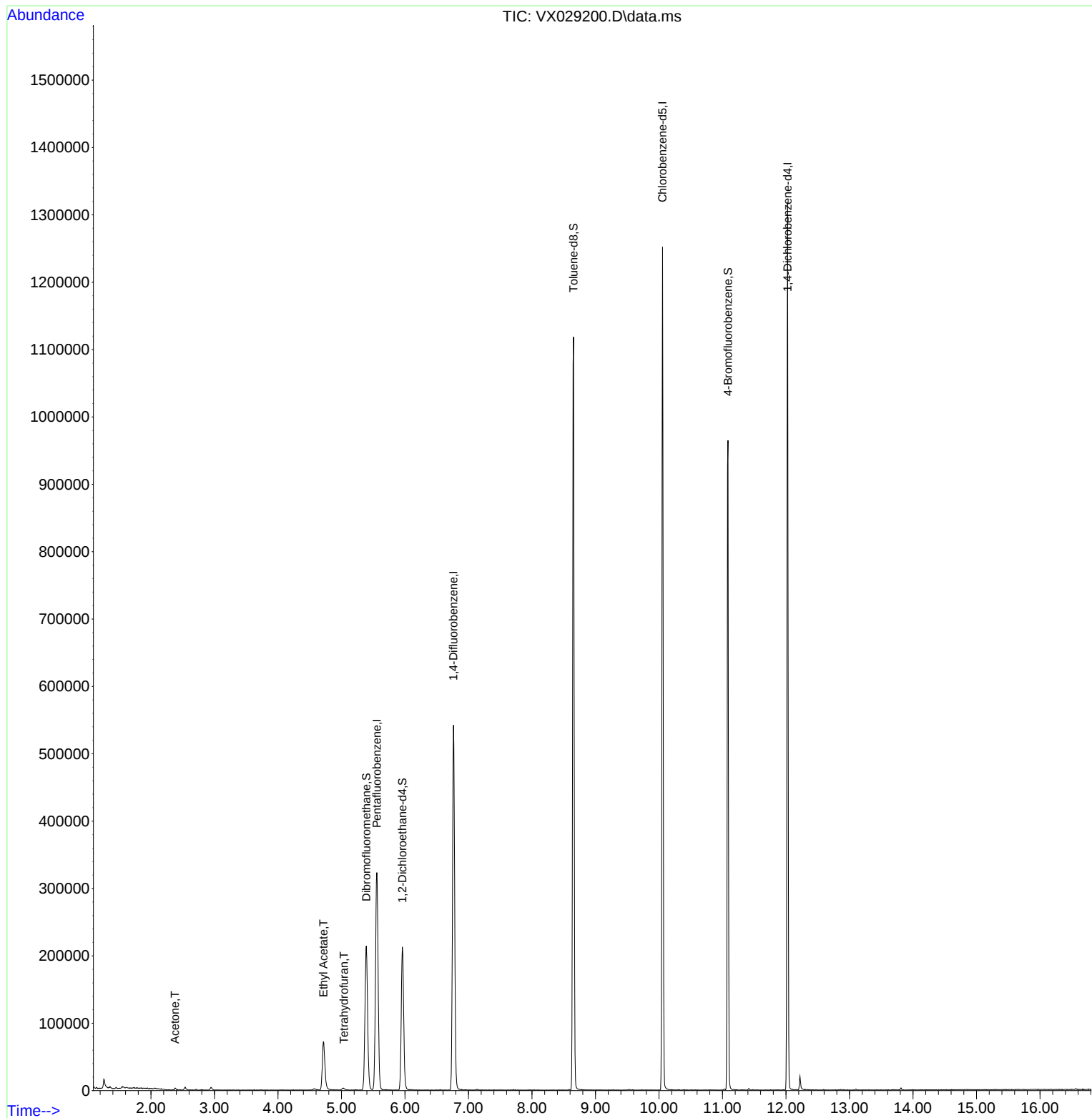
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 310244              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 574817              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 566593              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 267845              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 204920              | 58.575 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 117.140% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 193808              | 50.761 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 101.520% |        |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 684053              | 48.986 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 97.980%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 277417              | 51.393 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 102.780% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       | Qvalue   |
| 16) Acetone                 | 2.380          | 43   | 3078                | 2.234  | ug/l  | 94       |
| 29) Tetrahydrofuran         | 5.038          | 42   | 2499                | 1.754  | ug/l  | 96       |
| 37) Ethyl Acetate           | 4.715          | 43   | 121812              | 25.584 | ug/l  | 99       |
| -----                       |                |      |                     |        |       |          |

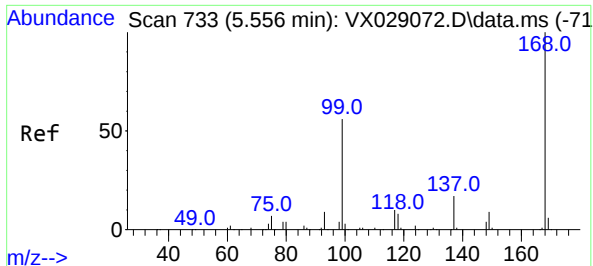
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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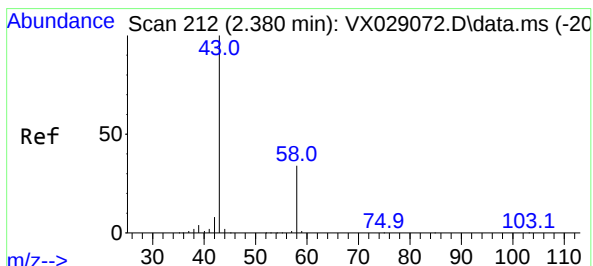
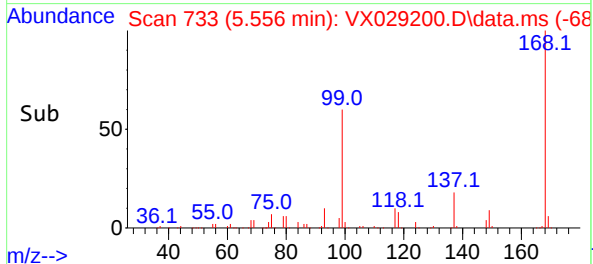
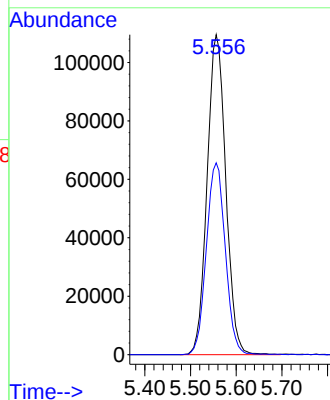
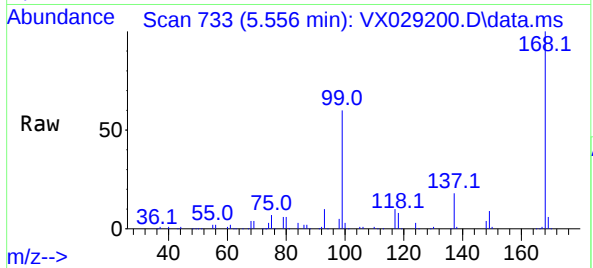




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

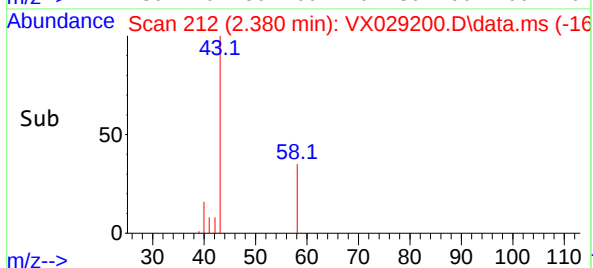
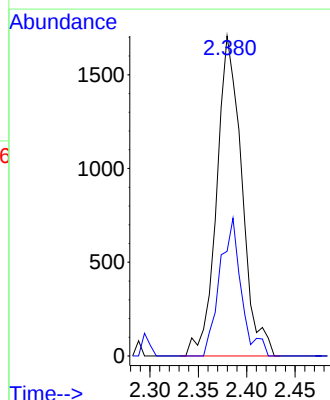
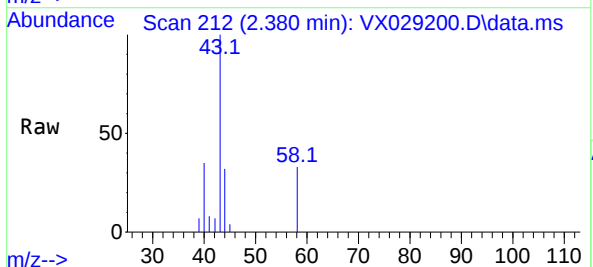
Instrument :  
MSVOA\_X  
ClientSampleId :  
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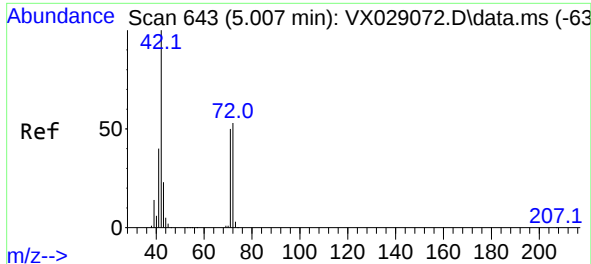
Tgt Ion:168 Resp: 310244  
Ion Ratio Lower Upper  
168 100  
99 59.9 41.7 62.5



#16  
Acetone  
Concen: 2.234 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

Tgt Ion: 43 Resp: 3078  
Ion Ratio Lower Upper  
43 100  
58 32.7 28.8 43.2





#29

Tetrahydrofuran

Concen: 1.754 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX029200.D

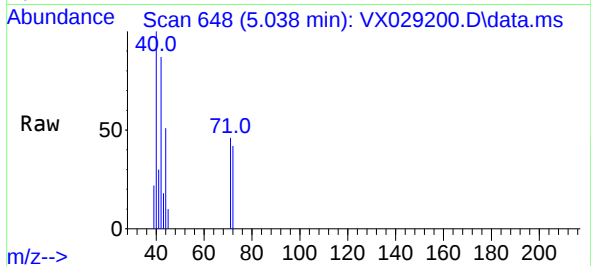
Acq: 03 Jun 2022 19:09

Instrument :

MSVOA\_X

ClientSampleId :

39BR-20220531



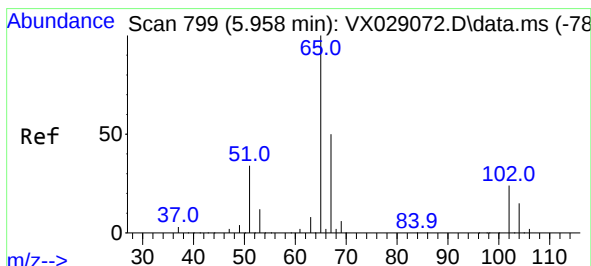
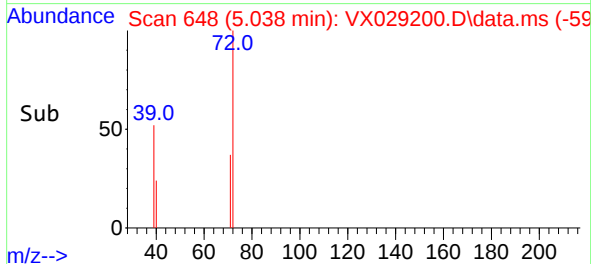
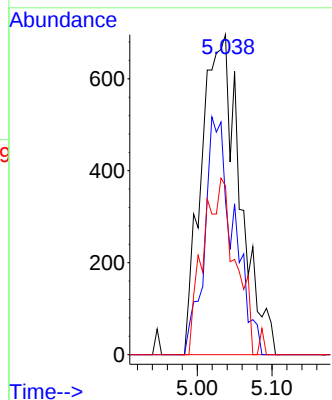
Tgt Ion: 42 Resp: 2499

Ion Ratio Lower Upper

42 100

72 55.8 44.1 66.1

71 45.8 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 58.575 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029200.D

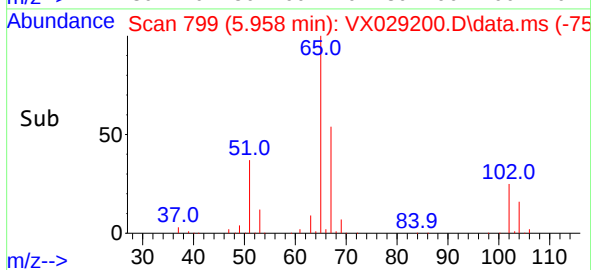
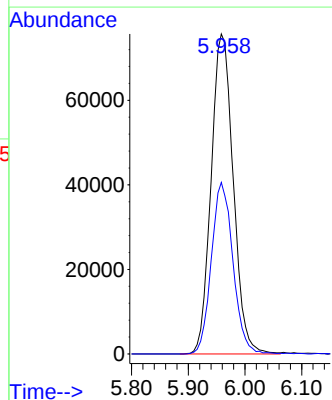
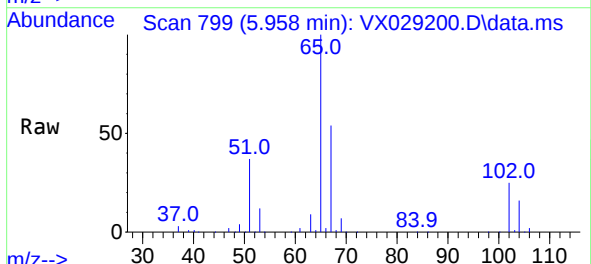
Acq: 03 Jun 2022 19:09

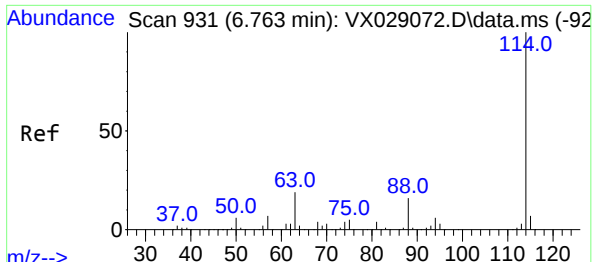
Tgt Ion: 65 Resp: 204920

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4

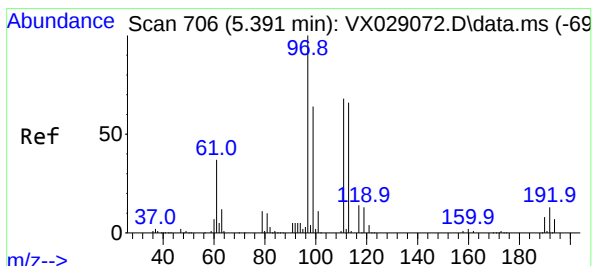
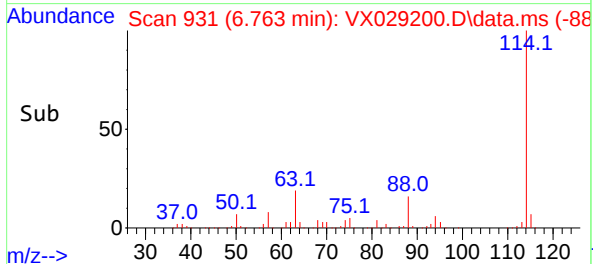
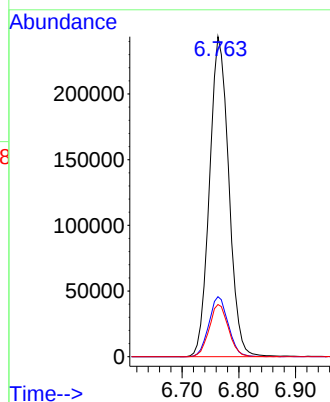
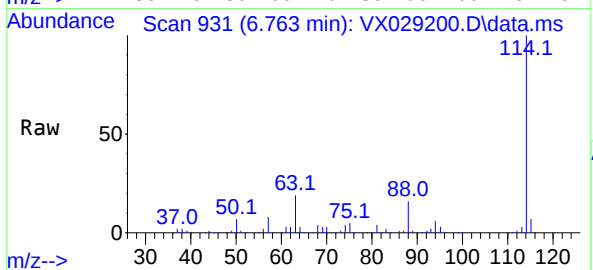




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

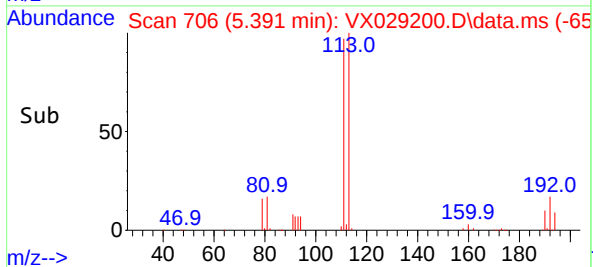
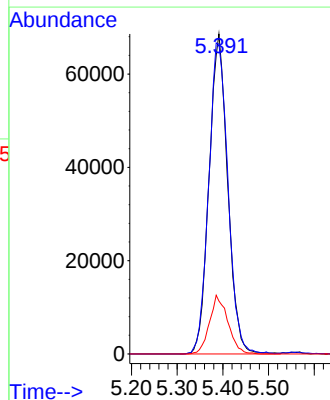
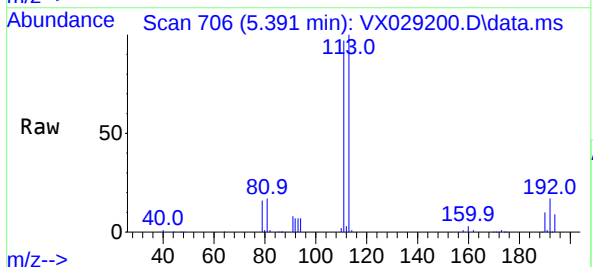
Instrument :  
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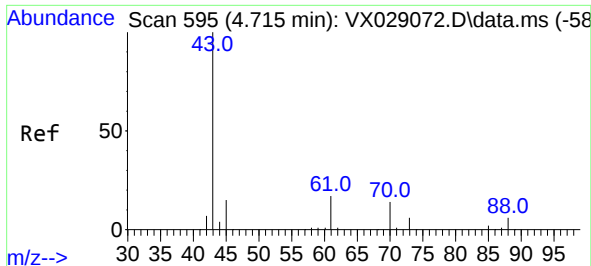
Tgt Ion:114 Resp: 574817  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 36.8  
88 16.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.761 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

Tgt Ion:113 Resp: 193808  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.8 124.2  
192 18.1 16.9 25.3





#37

Ethyl Acetate

Concen: 25.584 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX029200.D

Acq: 03 Jun 2022 19:09

Instrument :

MSVOA\_X

ClientSampleId :

39BR-20220531

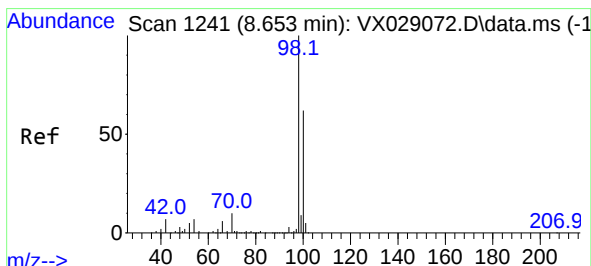
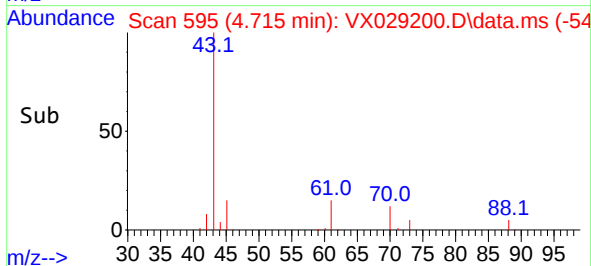
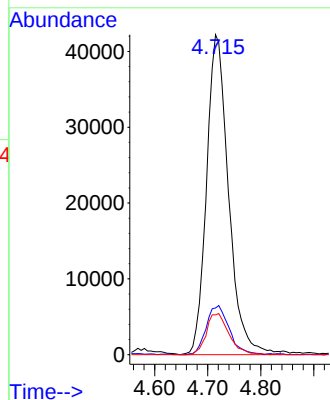
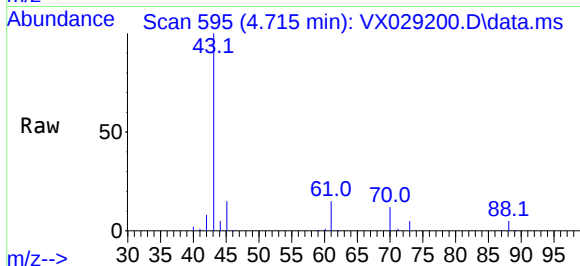
Tgt Ion: 43 Resp: 121812

Ion Ratio Lower Upper

43 100

61 16.0 12.6 19.0

70 13.2 10.2 15.2



#50

Toluene-d8

Concen: 48.986 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029200.D

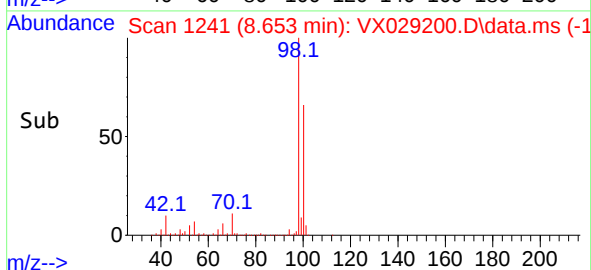
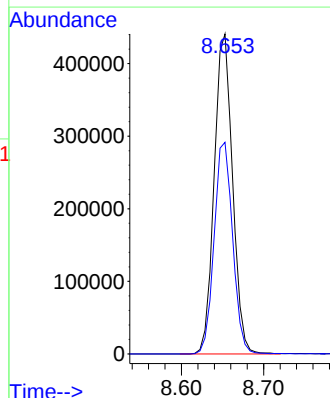
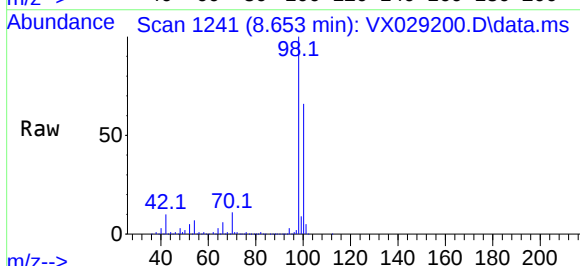
Acq: 03 Jun 2022 19:09

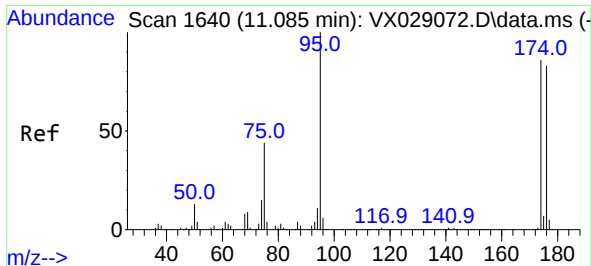
Tgt Ion: 98 Resp: 684053

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

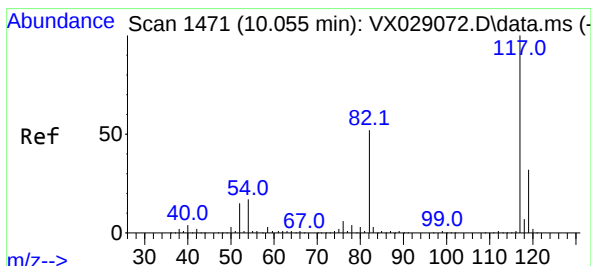
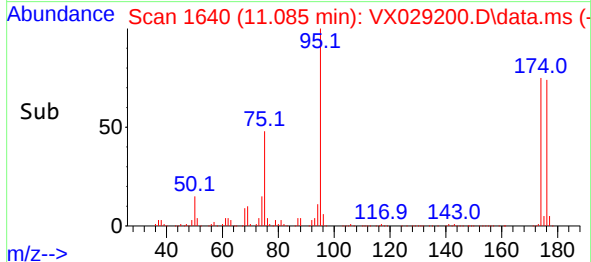
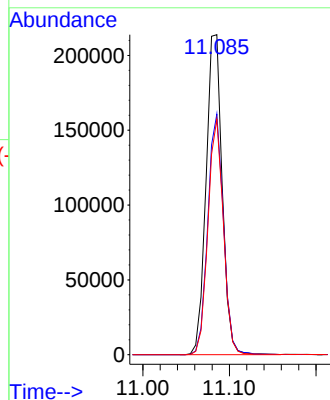
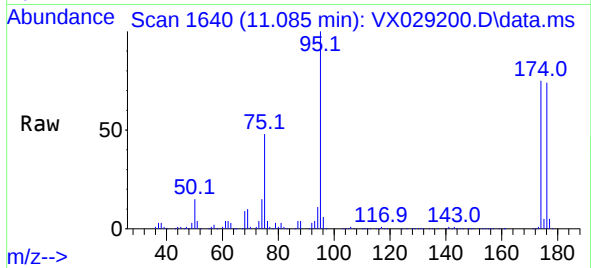




#62  
4-Bromofluorobenzene  
Concen: 51.393 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

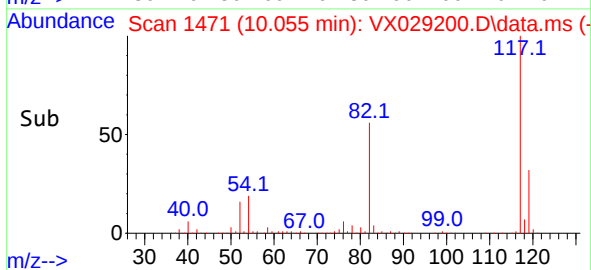
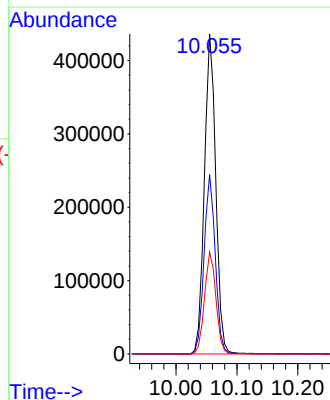
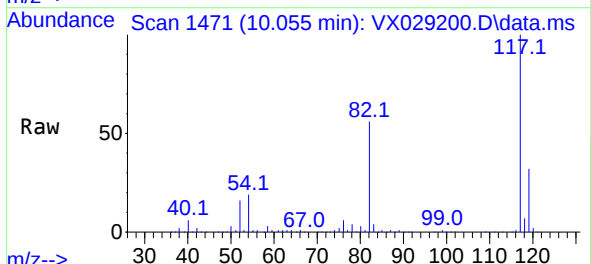
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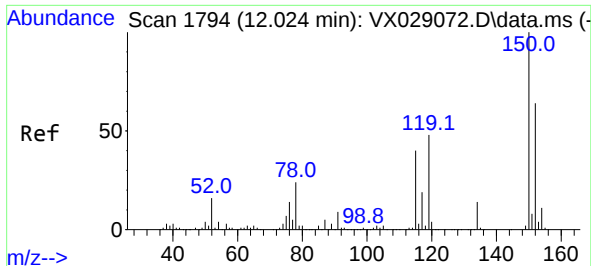
Tgt Ion: 95 Resp: 277417  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 163.0  
176 70.1 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029200.D  
Acq: 03 Jun 2022 19:09

Tgt Ion: 117 Resp: 566593  
Ion Ratio Lower Upper  
117 100  
82 56.0 41.8 62.8  
119 31.8 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029200.D

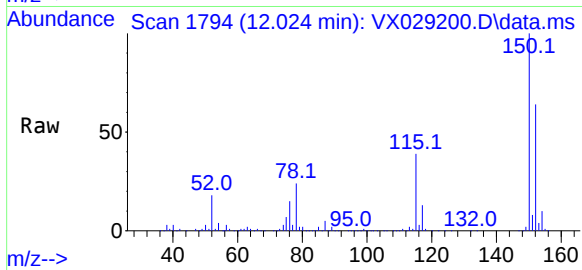
Acq: 03 Jun 2022 19:09

Instrument :

MSVOA\_X

ClientSampleId :

39BR-20220531



Tgt Ion:152 Resp: 267845

Ion Ratio Lower Upper

152 100

115 63.0 37.5 112.7

150 156.3 0.0 338.2

