

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060322\  
 Data File : VU048867.D  
 Acq On : 03 Jun 2022 19:02  
 Operator : SY/MD  
 Sample : N3165-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 47BR-20220531

Quant Time: Jun 04 04:40:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

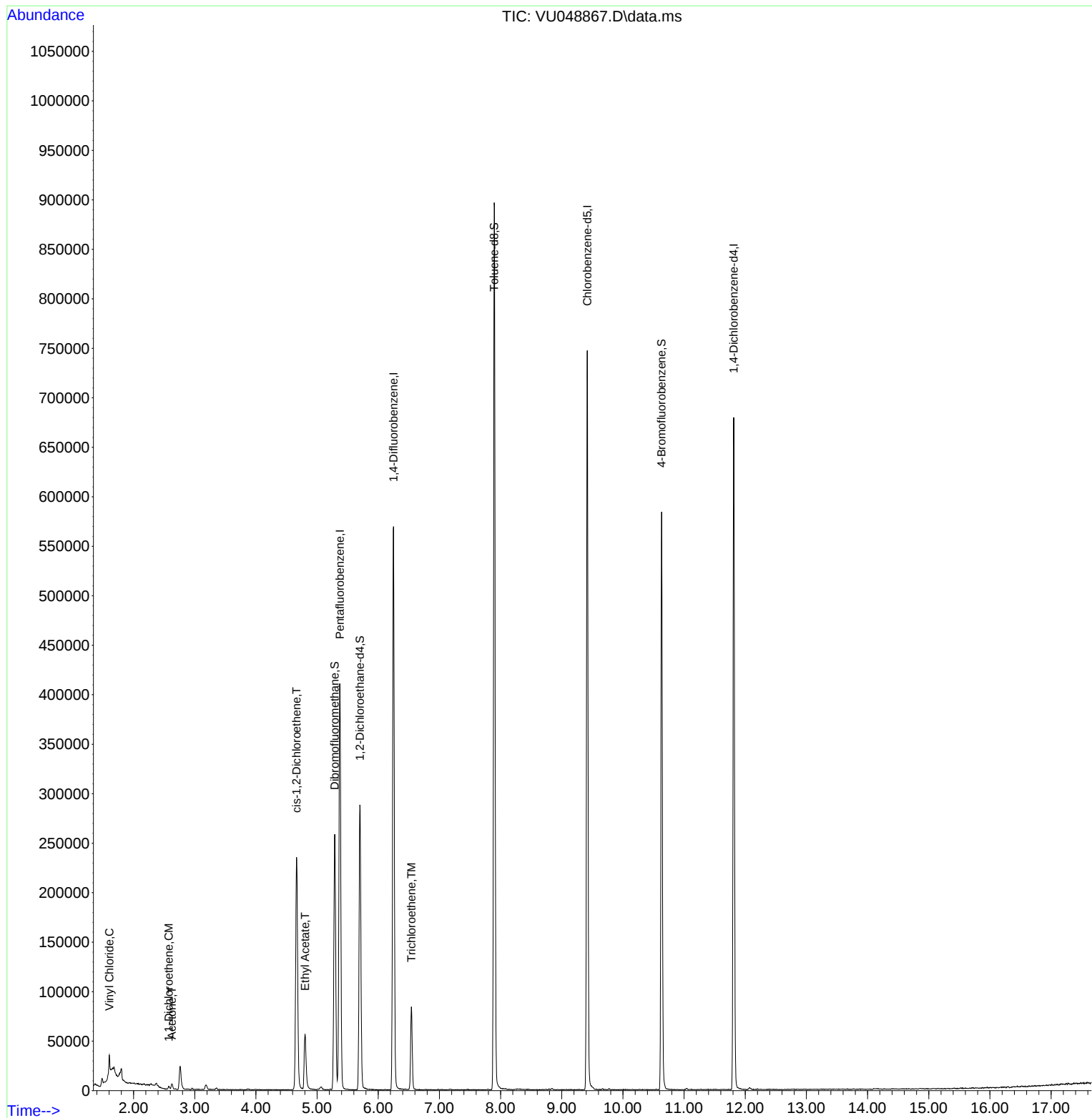
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.372     | 168   | 275715   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250     | 114   | 450553   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 9.417     | 117   | 411951   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812    | 152   | 181970   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.700     | 65    | 222414   | 53.714   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 107.420% |          |
| 35) Dibromofluoromethane    | 5.288     | 113   | 167539   | 52.122   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 104.240% |          |
| 50) Toluene-d8              | 7.896     | 98    | 591314   | 51.319   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 102.640% |          |
| 62) 4-Bromofluorobenzene    | 10.632    | 95    | 192453   | 44.165   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 88.320%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 4) Vinyl Chloride           | 1.604     | 62    | 12191    | 3.239    | ug/l       | # 57     |
| 12) 1,1-Dichloroethene      | 2.575     | 96    | 1037     | 0.370    | ug/l       | 91       |
| 16) Acetone                 | 2.626     | 43    | 6850     | 3.246    | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene  | 4.665     | 96    | 123872   | 33.339   | ug/l       | 88       |
| 37) Ethyl Acetate           | 4.806     | 43    | 76598    | 12.916   | ug/l       | 98       |
| 44) Trichloroethene         | 6.542     | 130   | 27913    | 7.823    | ug/l       | 95       |
| -----                       |           |       |          |          |            |          |

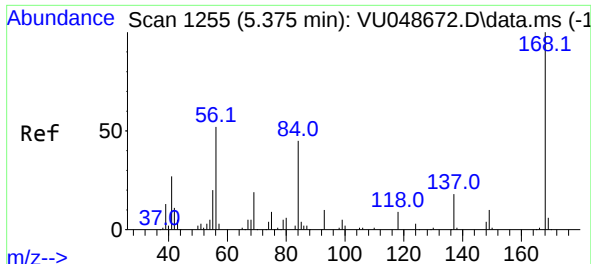
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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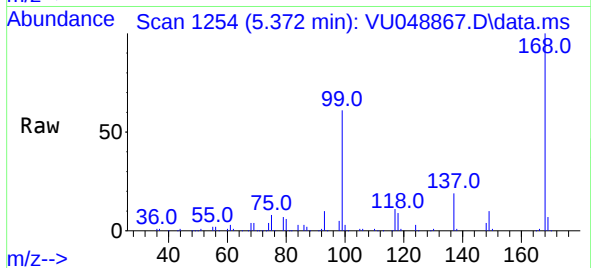
Quant Time: Jun 04 04:40:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
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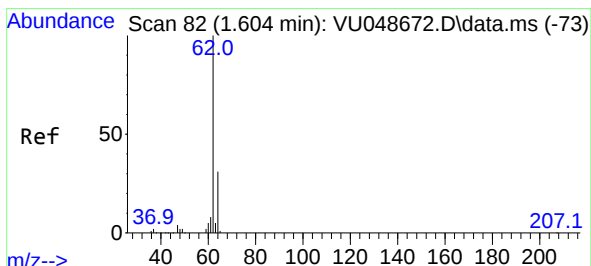
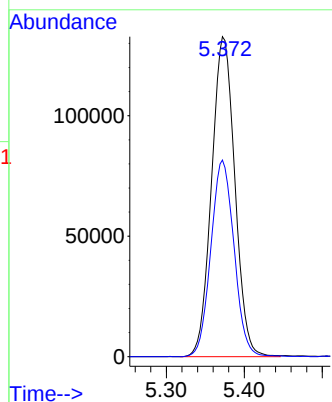
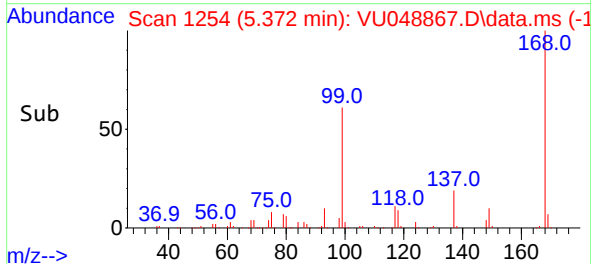


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

Instrument :  
MSVOA\_U  
ClientSampleId :  
47BR-20220531

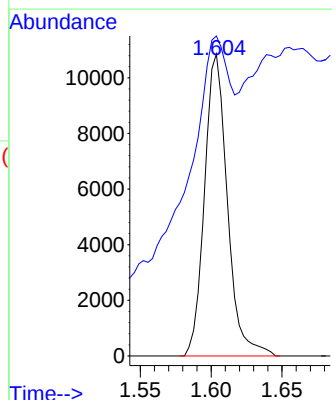
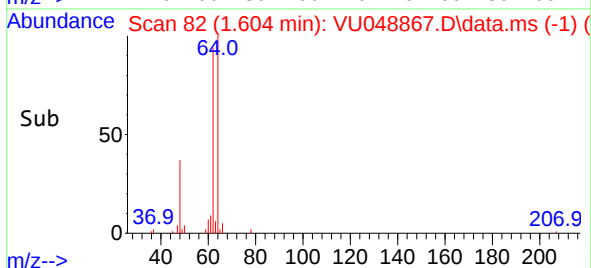
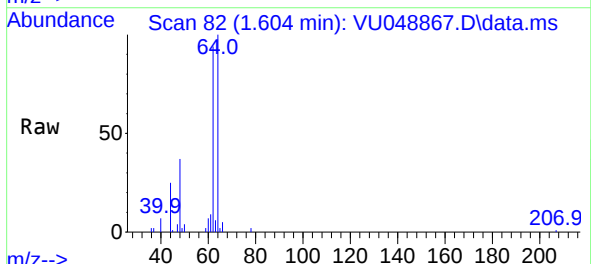


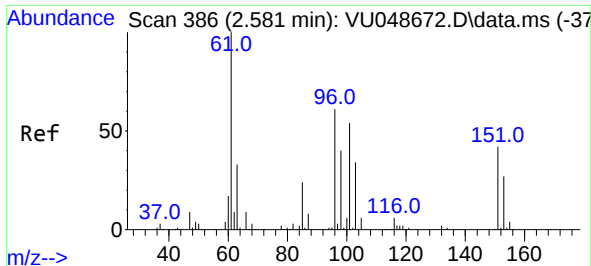
Tgt Ion:168 Resp: 275715  
Ion Ratio Lower Upper  
168 100  
99 61.4 49.3 73.9



#4  
Vinyl Chloride  
Concen: 3.239 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

Tgt Ion: 62 Resp: 12191  
Ion Ratio Lower Upper  
62 100  
64 55.2 25.2 37.8#





#12

1,1-Dichloroethene

Concen: 0.370 ug/l

RT: 2.575 min Scan# 386

Delta R.T. -0.006 min

Lab File: VU048867.D

Acq: 03 Jun 2022 19:02

Instrument :

MSVOA\_U

ClientSampleId :

47BR-20220531

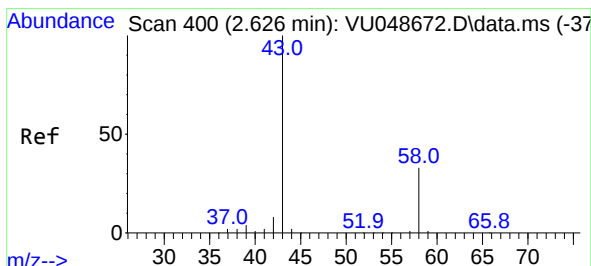
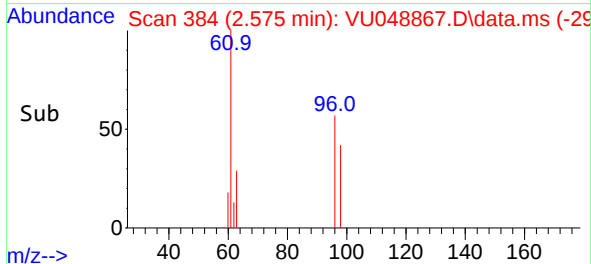
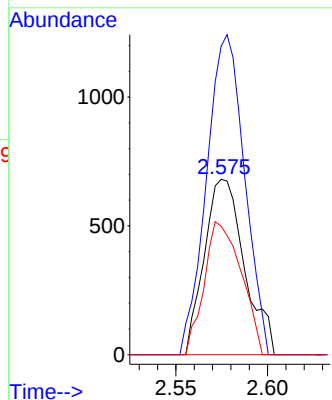
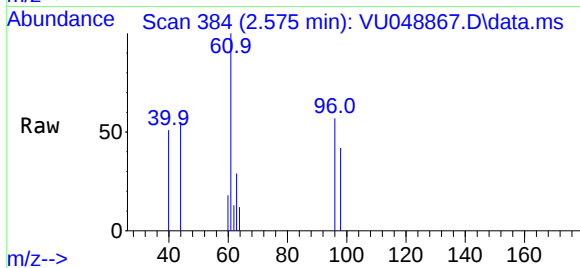
Tgt Ion: 96 Resp: 1037

Ion Ratio Lower Upper

96 100

61 175.9 131.1 196.7

98 73.3 51.8 77.8



#16

Acetone

Concen: 3.246 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048867.D

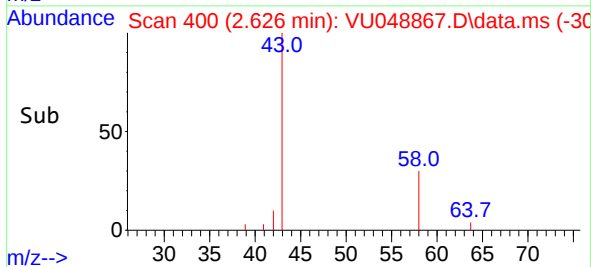
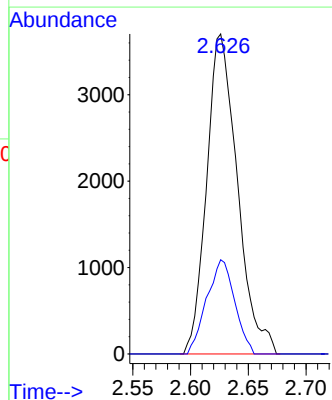
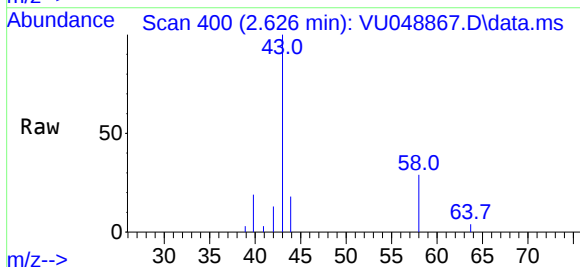
Acq: 03 Jun 2022 19:02

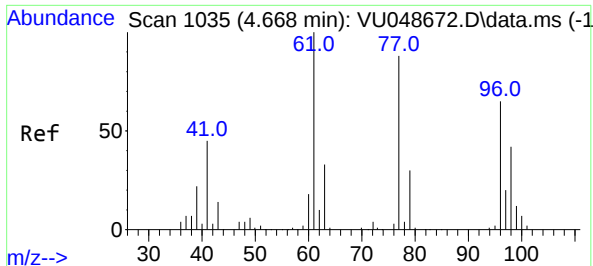
Tgt Ion: 43 Resp: 6850

Ion Ratio Lower Upper

43 100

58 29.5 26.3 39.5

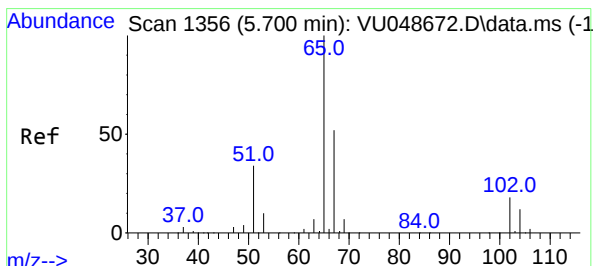
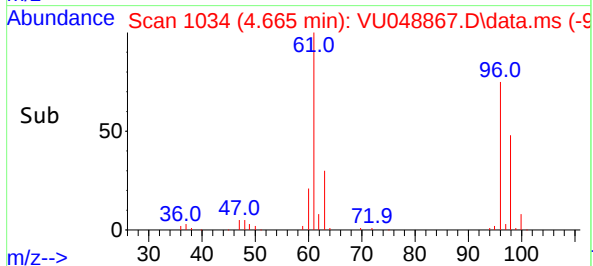
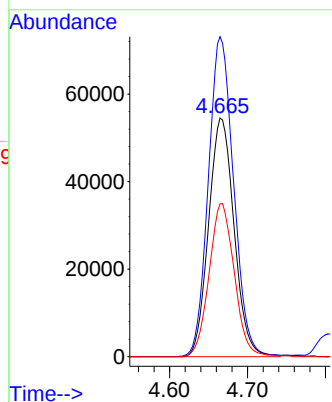
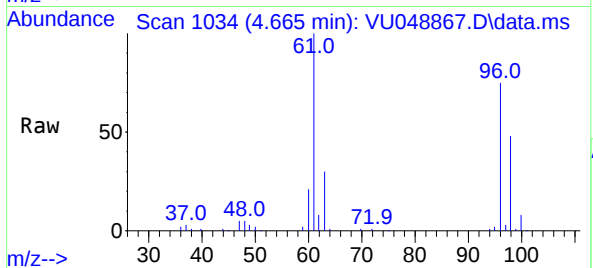




#27  
cis-1,2-Dichloroethene  
Concen: 33.339 ug/l  
RT: 4.665 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

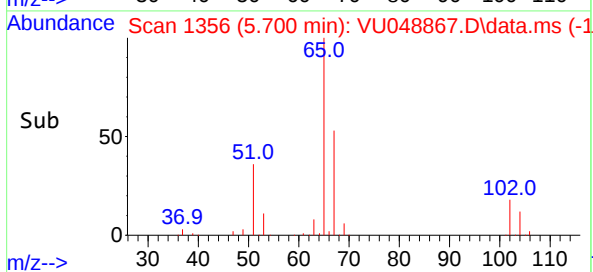
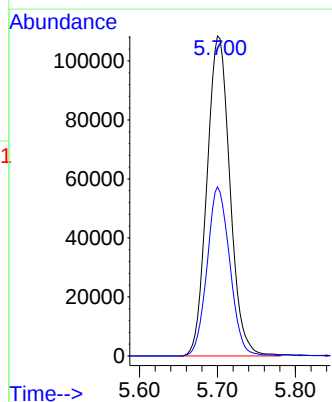
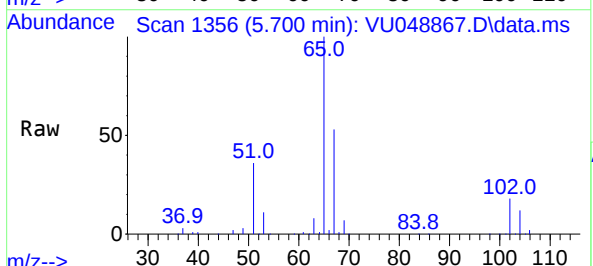
Instrument :  
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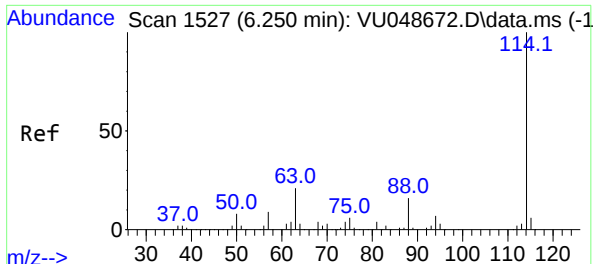
Tgt Ion: 96 Resp: 123872  
Ion Ratio Lower Upper  
96 100  
61 133.2 0.0 306.2  
98 63.4 0.0 130.4



#33  
1,2-Dichloroethane-d4  
Concen: 53.714 ug/l  
RT: 5.700 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

Tgt Ion: 65 Resp: 222414  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.0

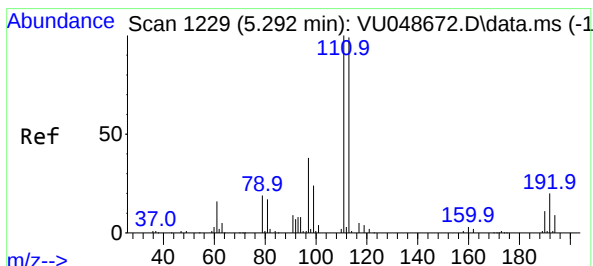
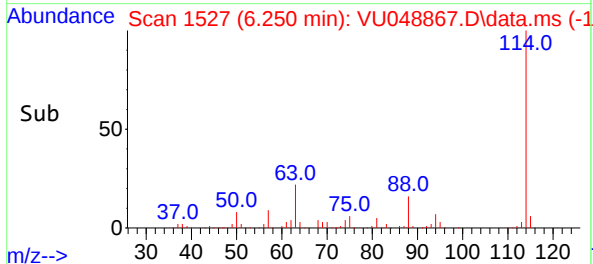
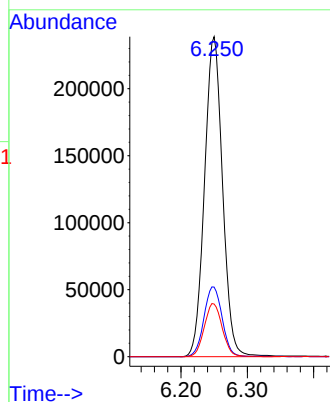
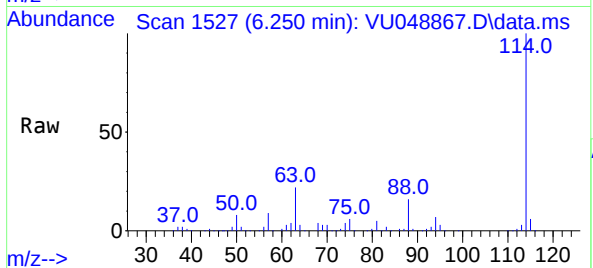




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.250 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

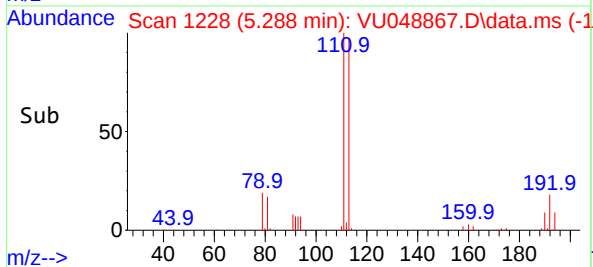
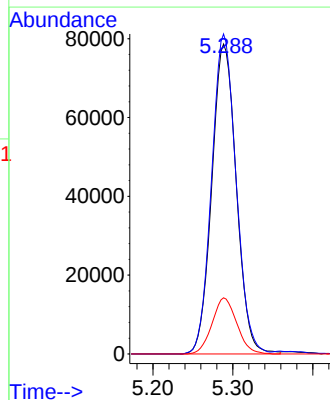
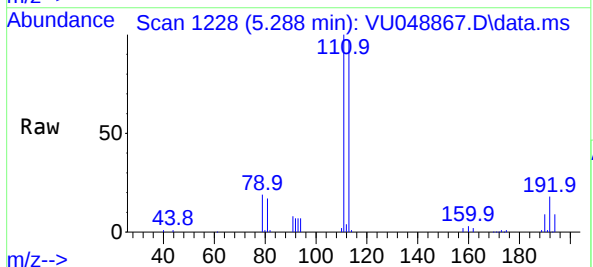
Instrument :  
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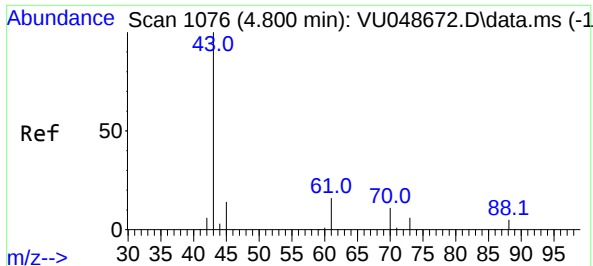
Tgt Ion:114 Resp: 450553  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 42.6  
88 16.5 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 52.122 ug/l  
RT: 5.288 min Scan# 1228  
Delta R.T. -0.003 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

Tgt Ion:113 Resp: 167539  
Ion Ratio Lower Upper  
113 100  
111 102.8 80.7 121.1  
192 18.2 15.9 23.9

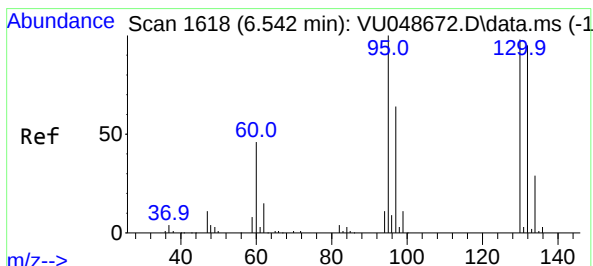
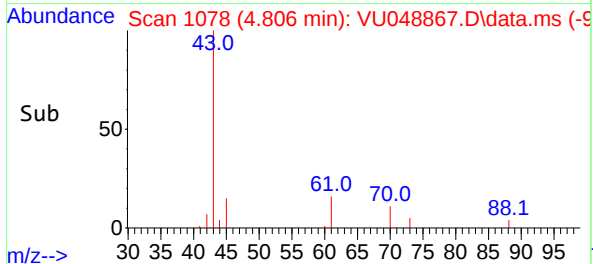
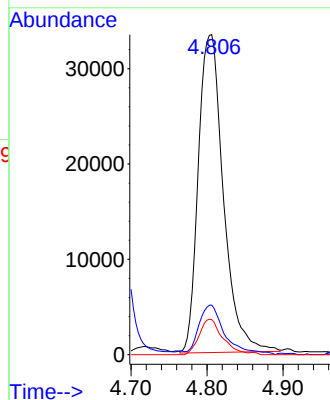
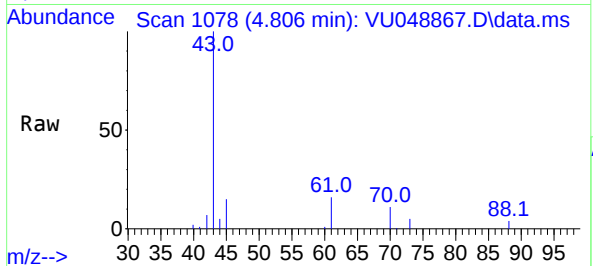




#37  
Ethyl Acetate  
Concen: 12.916 ug/l  
RT: 4.806 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

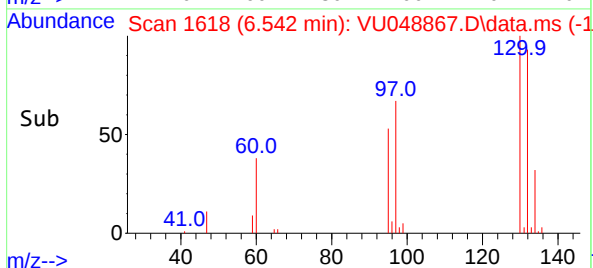
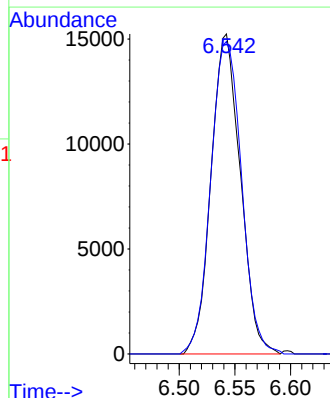
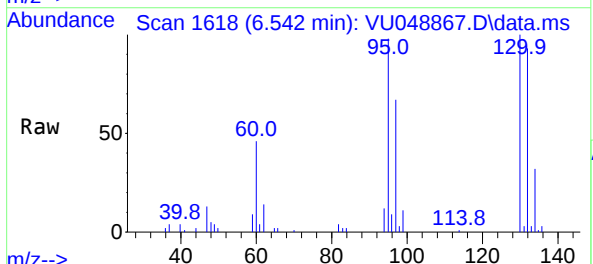
Instrument :  
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ClientSampleId :  
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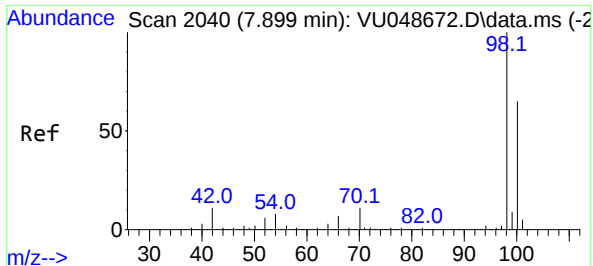
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 76598 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 16.1  | 11.7  | 17.5  |
| 70       | 10.3  | 8.4   | 12.6  |



#44  
Trichloroethene  
Concen: 7.823 ug/l  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 27913 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 97.6  | 0.0   | 204.8 |

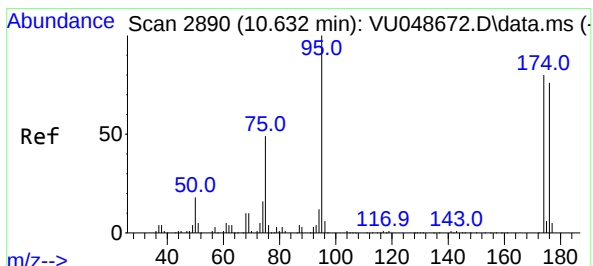
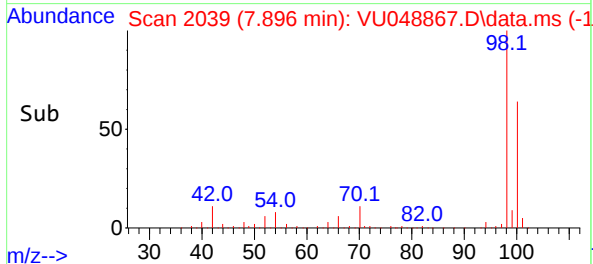
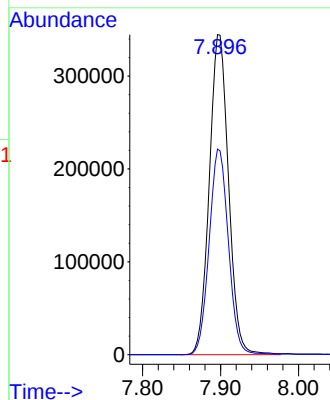
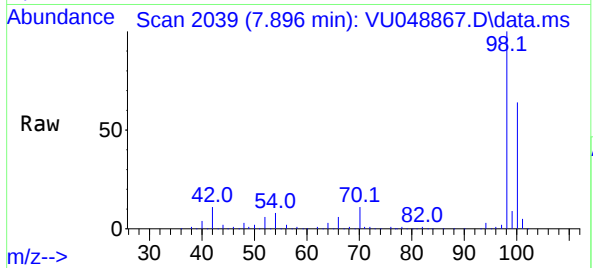




#50  
Toluene-d8  
Concen: 51.319 ug/l  
RT: 7.896 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

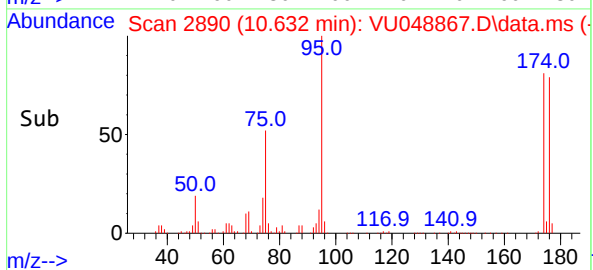
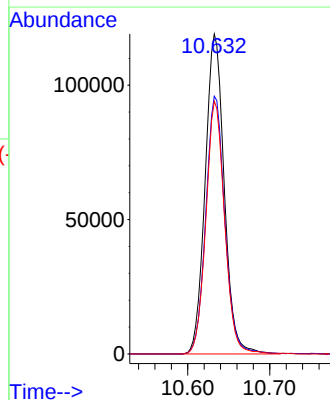
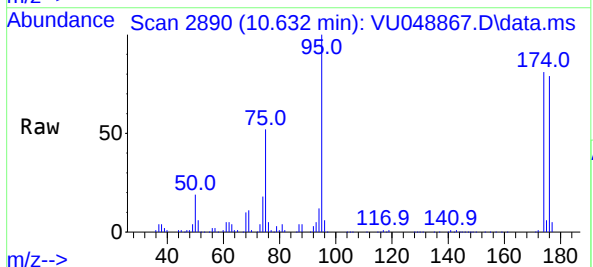
Instrument :  
MSVOA\_U  
ClientSampleId :  
47BR-20220531

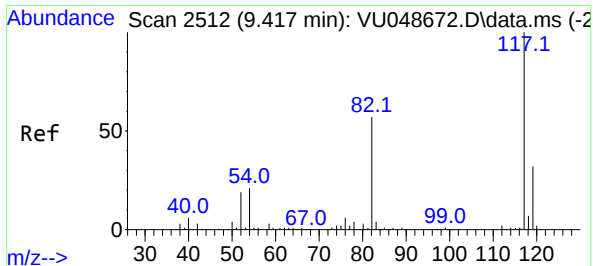
Tgt Ion: 98 Resp: 591314  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 44.165 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048867.D  
Acq: 03 Jun 2022 19:02

Tgt Ion: 95 Resp: 192453  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 159.4  
176 77.7 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048867.D

Acq: 03 Jun 2022 19:02

Instrument :

MSVOA\_U

ClientSampleId :

47BR-20220531

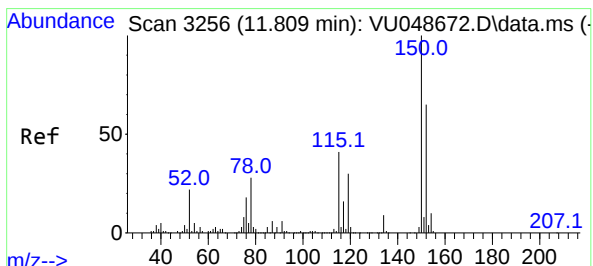
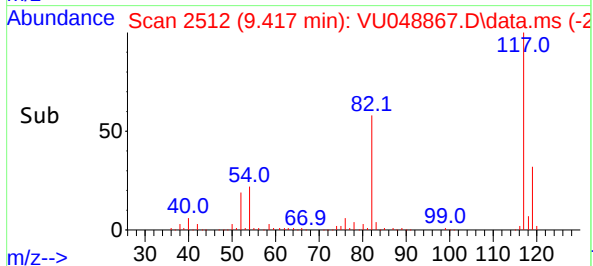
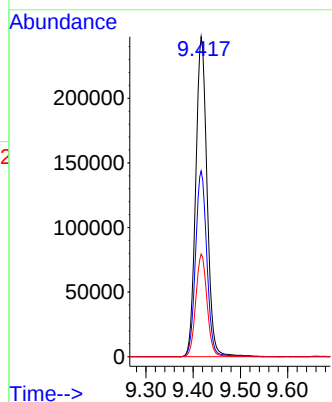
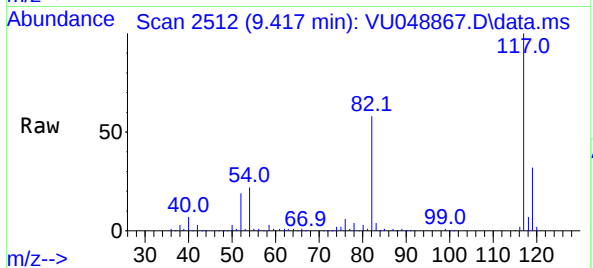
Tgt Ion:117 Resp: 411951

Ion Ratio Lower Upper

117 100

82 58.1 45.3 67.9

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048867.D

Acq: 03 Jun 2022 19:02

Tgt Ion:152 Resp: 181970

Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 157.8 0.0 341.0

