

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060722\  
 Data File : VU048946.D  
 Acq On : 08 Jun 2022 06:09  
 Operator : SY/MD  
 Sample : N3166-07DL 5X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DUP04-20220531DL

Quant Time: Jun 08 09:18:21 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

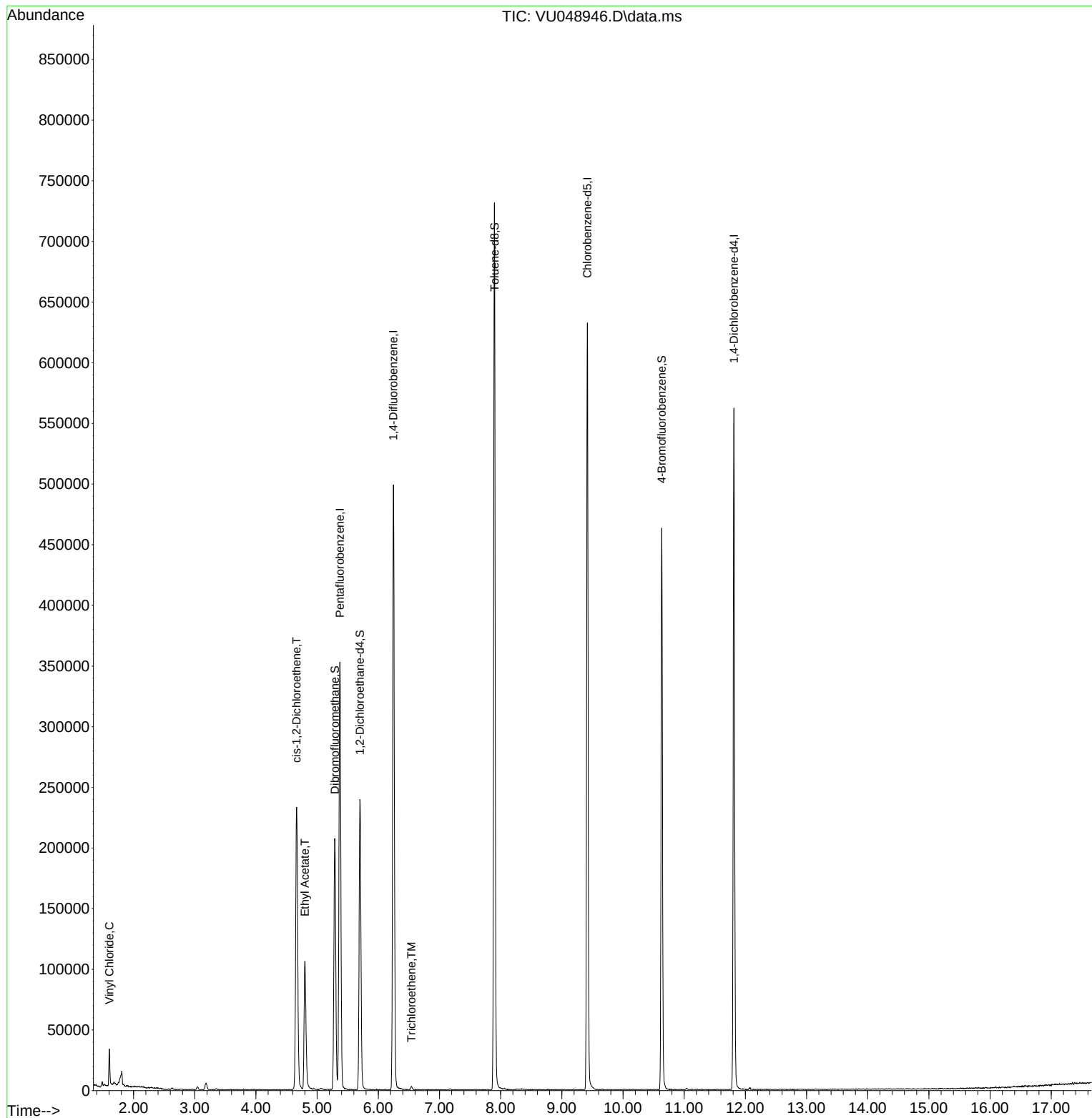
| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 5.372     | 168            | 239886   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.247     | 114            | 396736   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 9.417     | 117            | 348350   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812    | 152            | 153371   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.700     | 65             | 185449   | 51.476 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 78 - 117 | Recovery | =      | 102.960% |          |
| 35) Dibromofluoromethane    | 5.289     | 113            | 135806   | 47.981 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 95.960%  |          |
| 50) Toluene-d8              | 7.899     | 98             | 482597   | 47.565 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 92 - 112 | Recovery | =      | 95.140%  |          |
| 62) 4-Bromofluorobenzene    | 10.632    | 95             | 153259   | 39.941 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =      | 79.880%# |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        | Qvalue   |          |
| 4) Vinyl Chloride           | 1.604     | 62             | 19647    | 6.000  | ug/l     | 94       |
| 27) cis-1,2-Dichloroethene  | 4.665     | 96             | 126093   | 39.006 | ug/l     | 88       |
| 37) Ethyl Acetate           | 4.800     | 43             | 138364   | 26.495 | ug/l     | 99       |
| 44) Trichloroethene         | 6.543     | 130            | 929      | 0.296  | ug/l     | 77       |
| -----                       |           |                |          |        |          |          |

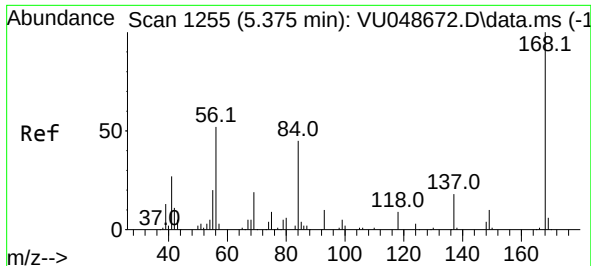
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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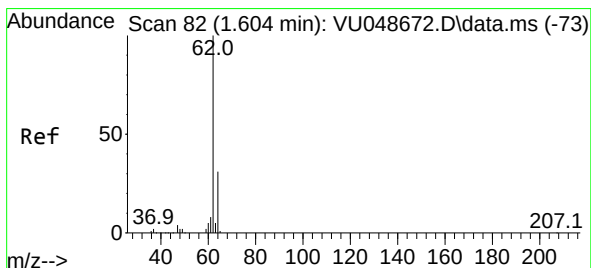
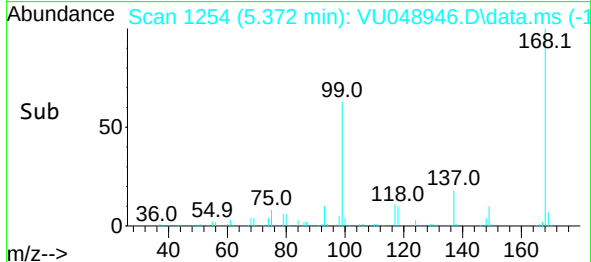
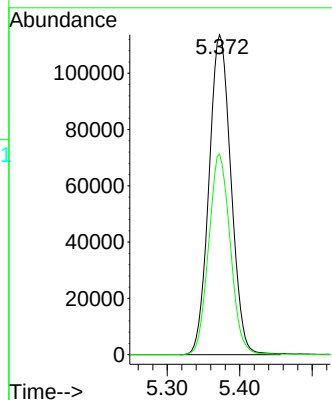
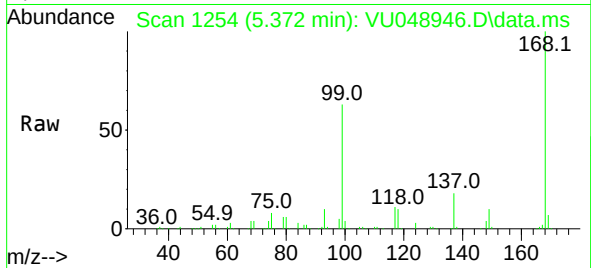




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

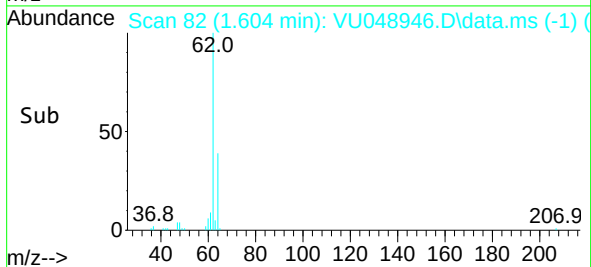
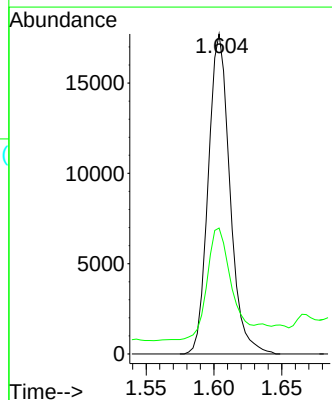
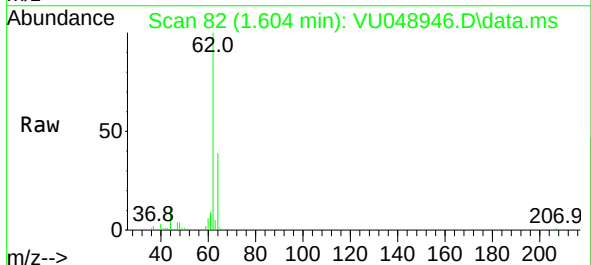
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP04-20220531DL

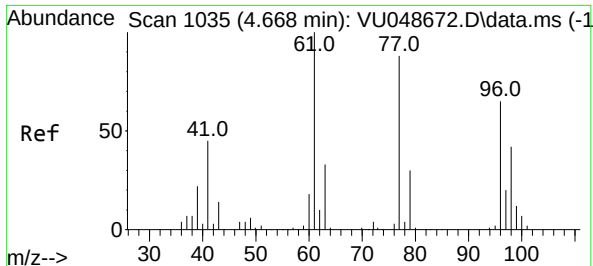
Tgt Ion:168 Resp: 239886  
Ion Ratio Lower Upper  
168 100  
99 62.7 49.3 73.9



#4  
Vinyl Chloride  
Concen: 6.000 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

Tgt Ion: 62 Resp: 19647  
Ion Ratio Lower Upper  
62 100  
64 34.9 25.2 37.8





#27

cis-1,2-Dichloroethene

Concen: 39.006 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048946.D

Acq: 08 Jun 2022 06:09

Instrument :

MSVOA\_U

ClientSampleId :

DUP04-20220531DL

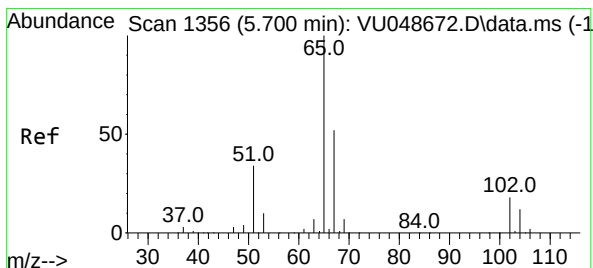
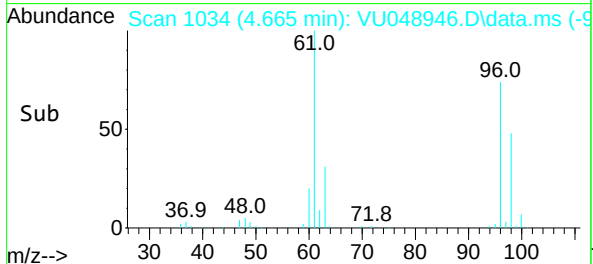
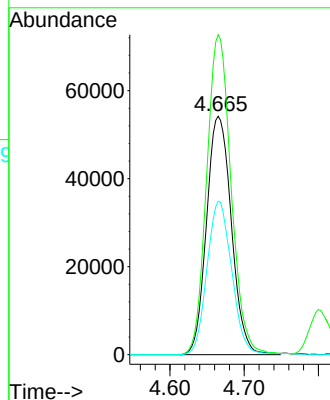
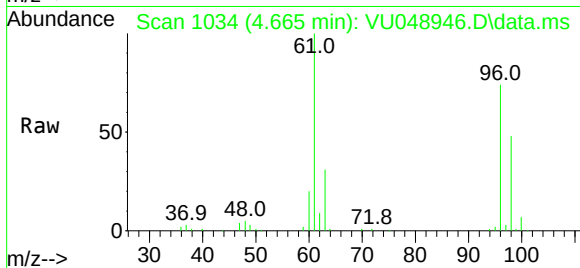
Tgt Ion: 96 Resp: 126093

Ion Ratio Lower Upper

96 100

61 131.9 0.0 306.2

98 63.9 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 51.476 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048946.D

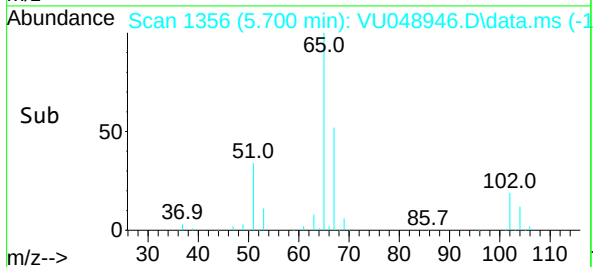
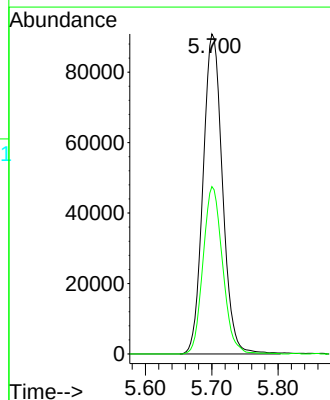
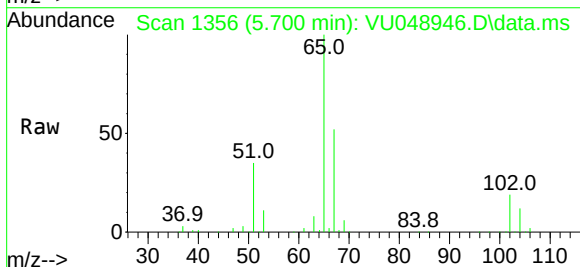
Acq: 08 Jun 2022 06:09

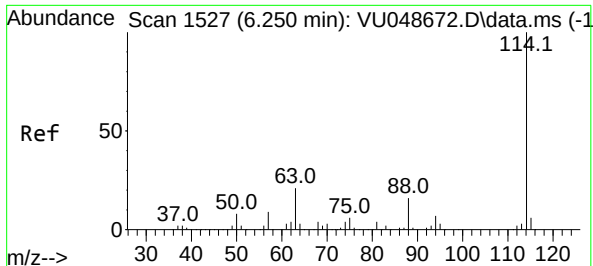
Tgt Ion: 65 Resp: 185449

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048946.D

Acq: 08 Jun 2022 06:09

Instrument :

MSVOA\_U

ClientSampleId :

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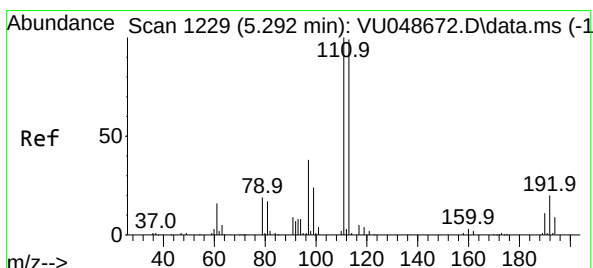
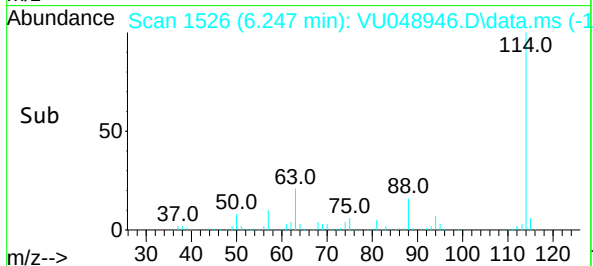
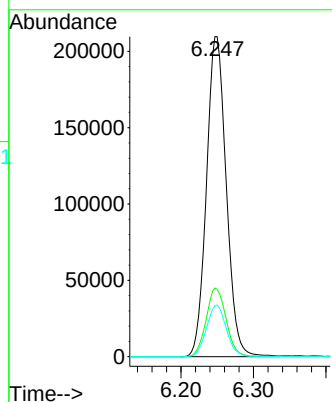
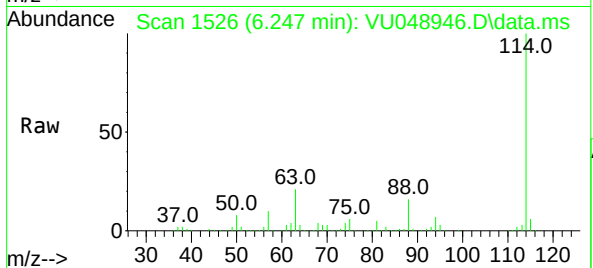
Tgt Ion:114 Resp: 396736

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.981 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048946.D

Acq: 08 Jun 2022 06:09

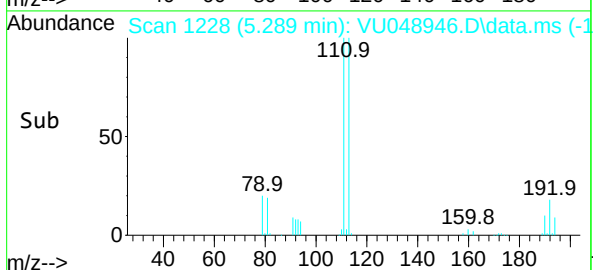
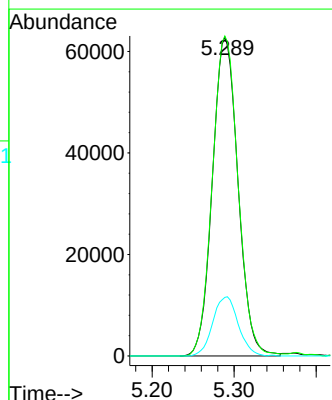
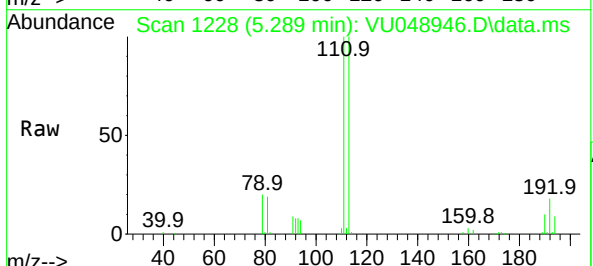
Tgt Ion:113 Resp: 135806

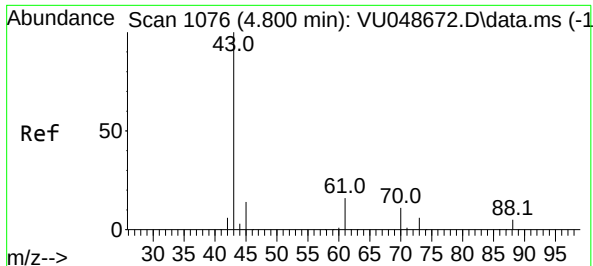
Ion Ratio Lower Upper

113 100

111 101.1 80.7 121.1

192 18.5 15.9 23.9

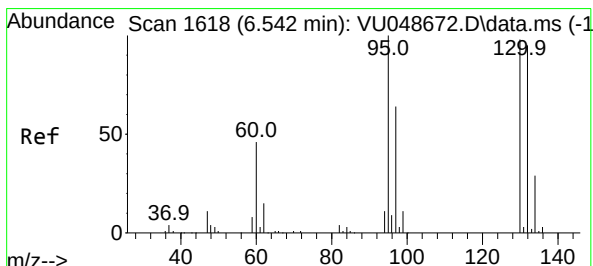
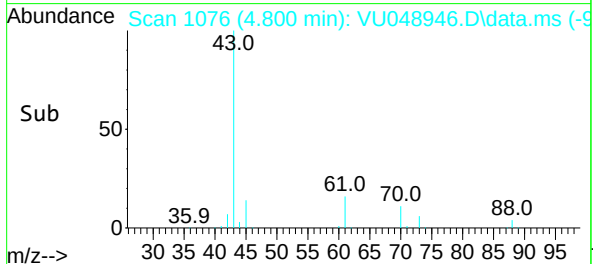
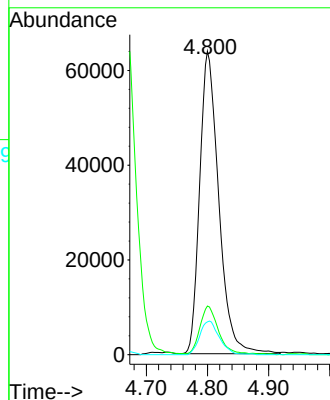
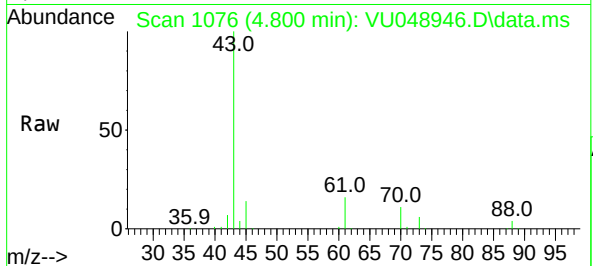




#37  
Ethyl Acetate  
Concen: 26.495 ug/l  
RT: 4.800 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

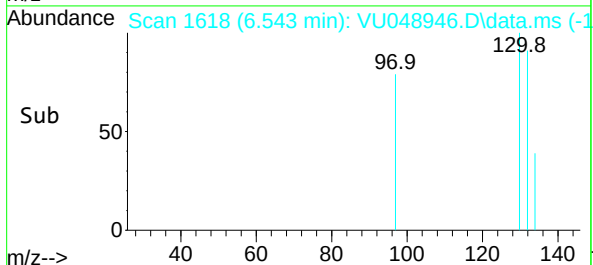
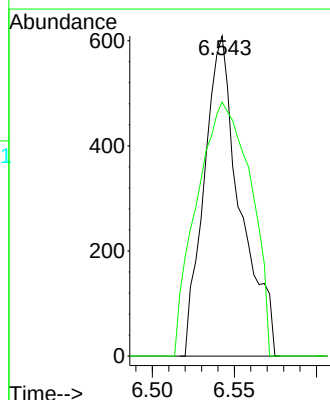
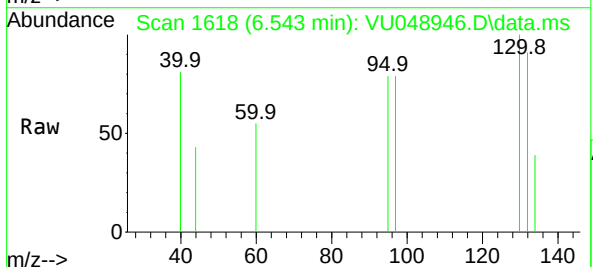
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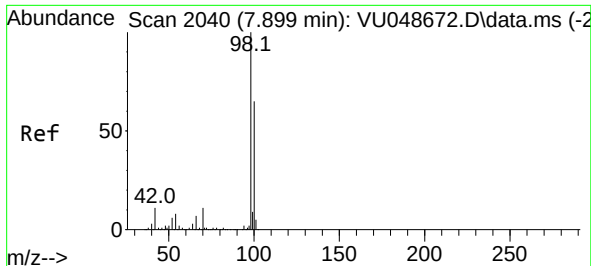
Tgt Ion: 43 Resp: 138364  
Ion Ratio Lower Upper  
43 100  
61 14.9 11.7 17.5  
70 11.4 8.4 12.6



#44  
Trichloroethene  
Concen: 0.296 ug/l  
RT: 6.543 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

Tgt Ion:130 Resp: 929  
Ion Ratio Lower Upper  
130 100  
95 79.3 0.0 204.8

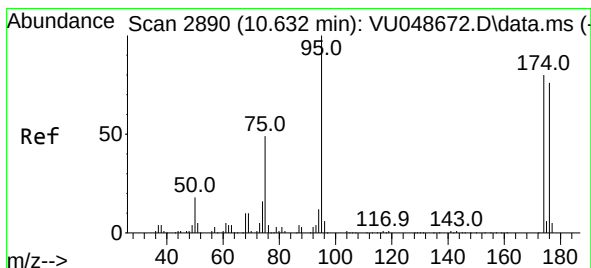
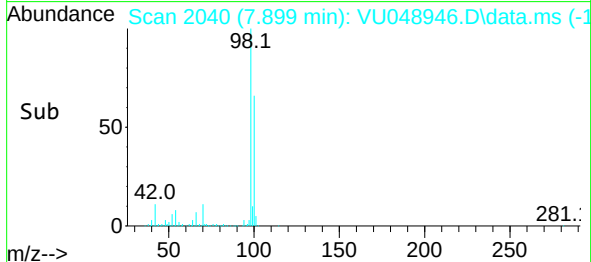
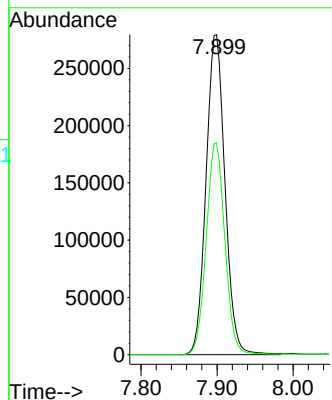
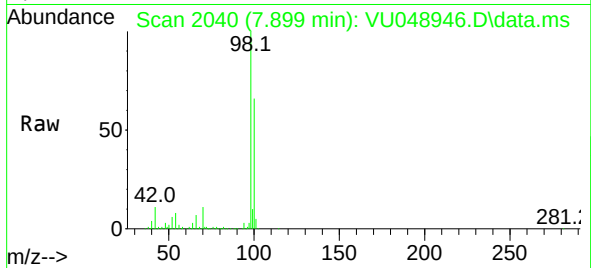




#50  
Toluene-d8  
Concen: 47.565 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

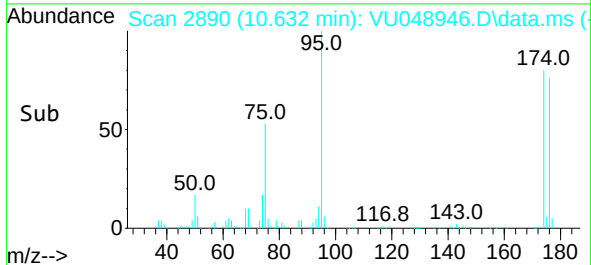
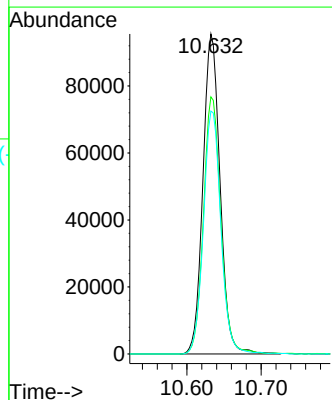
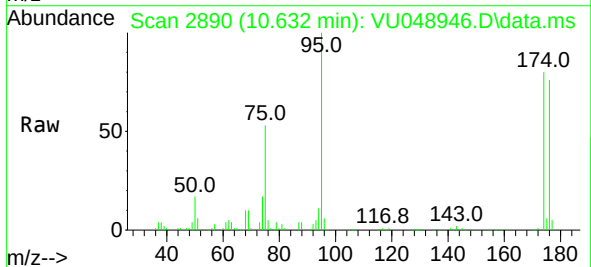
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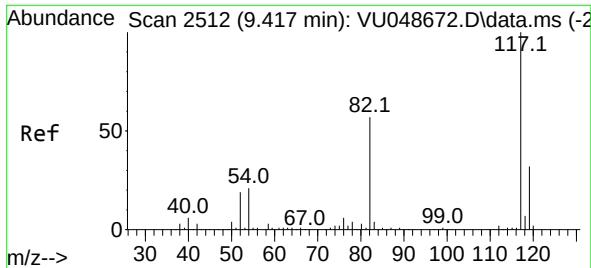
Tgt Ion: 98 Resp: 482597  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 39.941 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

Tgt Ion: 95 Resp: 153259  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 159.4  
176 77.0 0.0 152.4

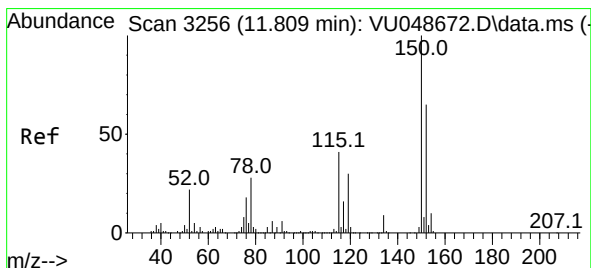
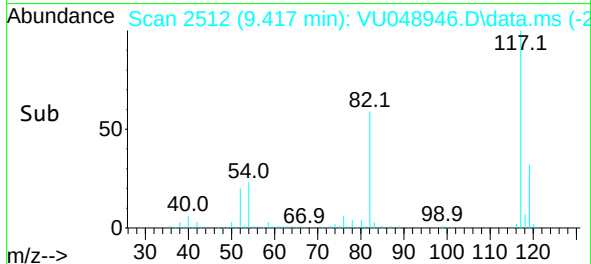
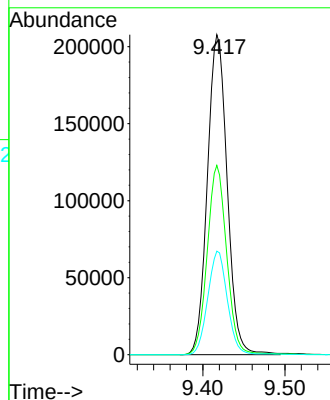
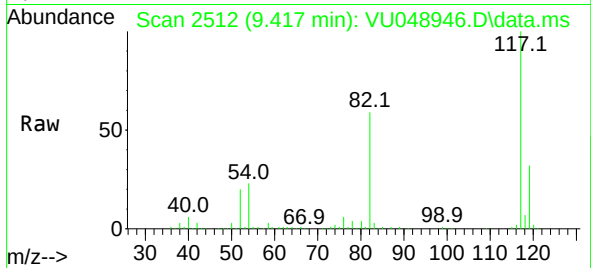




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048946.D  
Acq: 08 Jun 2022 06:09

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ClientSampleId :  
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Tgt Ion:117 Resp: 348350  
Ion Ratio Lower Upper  
117 100  
82 59.2 45.3 67.9  
119 32.3 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: VU048946.D  
Acq: 08 Jun 2022 06:09

Tgt Ion:152 Resp: 153371  
Ion Ratio Lower Upper  
152 100  
115 58.6 41.8 125.4  
150 154.0 0.0 341.0

