

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070221\  
 Data File : VX023128.D  
 Acq On : 02 Jul 2021 23:24  
 Operator : JC/MD  
 Sample : M2907-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-01-063021

Manual Integrations  
 APPROVED

SAM  
 7/6/2021 1:51:34 PM

Quant Time: Jul 05 03:00:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 235659              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 385963              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 346826              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 142489              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 160293              | 50.609 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 101.220% |        |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 122058              | 48.972 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 97.940%  |        |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 462950              | 49.795 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 99.580%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 162574              | 45.295 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 90.580%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
| 16) Acetone                 | 2.386          | 43   | 18625               | 14.864 | ug/l # | 83       |
| 20) Methylene Chloride      | 2.794          | 84   | 4959                | 1.838  | ug/l   | 97       |
| 25) 2-Butanone              | 4.587          | 43   | 5342                | 2.827  | ug/l   | 93       |
| 29) Tetrahydrofuran         | 5.038          | 42   | 2046m               | 1.684  | ug/l   |          |
| -----                       |                |      |                     |        |        |          |

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

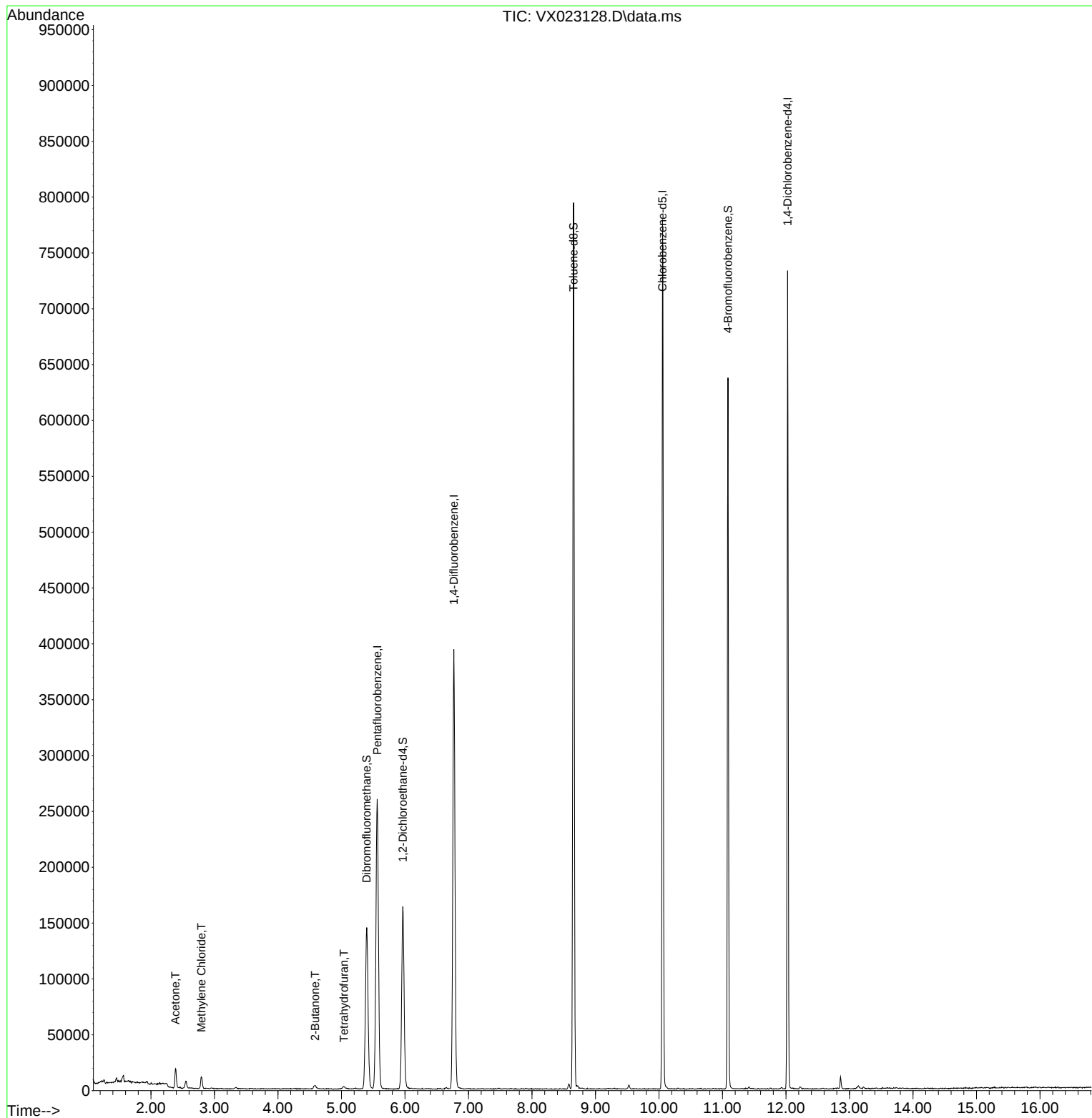
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070221\  
Data File : VX023128.D  
Acq On : 02 Jul 2021 23:24  
Operator : JC/MD  
Sample : M2907-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

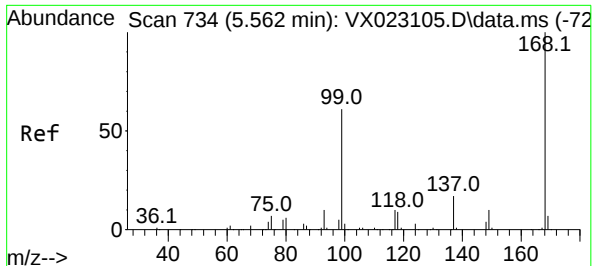
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021

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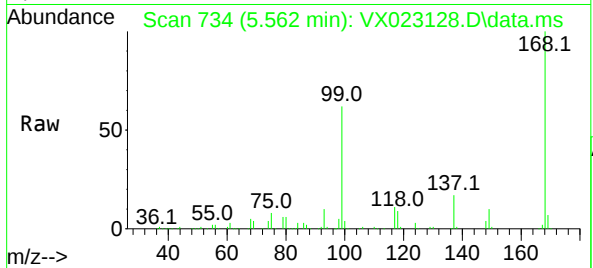
SAM  
7/6/2021 1:51:34 PM

Quant Time: Jul 05 03:00:16 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 02 14:29:42 2021  
Response via : Initial Calibration

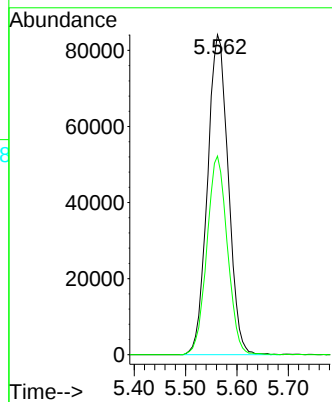
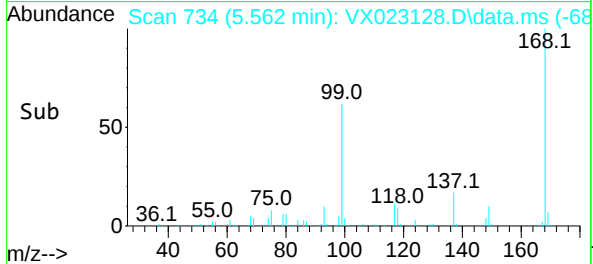




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



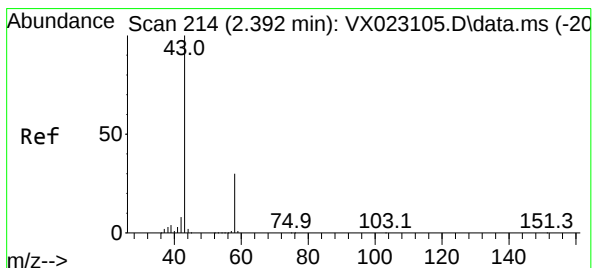
Tgt Ion:168 Resp: 235659  
Ion Ratio Lower Upper  
168 100  
99 62.0 45.8 68.6



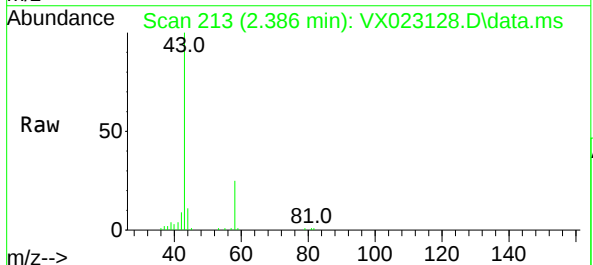
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021

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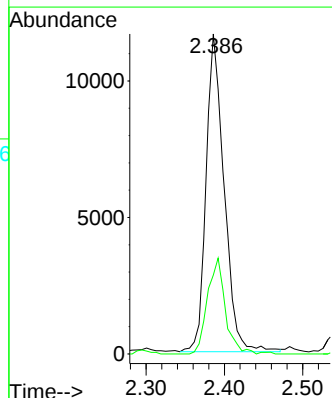
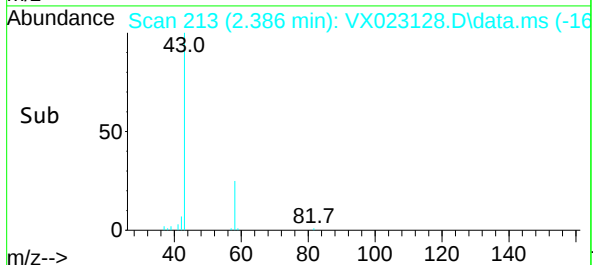
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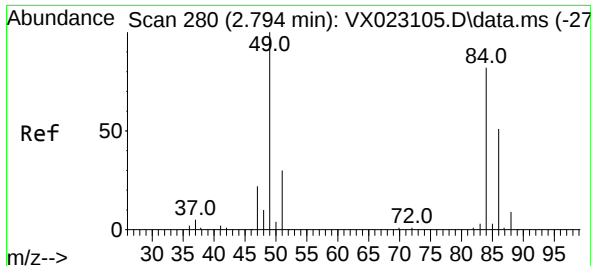


#16  
Acetone  
Concen: 14.864 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



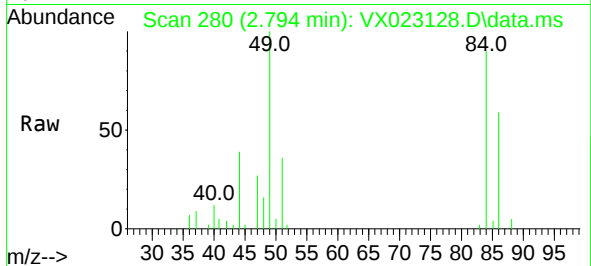
Tgt Ion: 43 Resp: 18625  
Ion Ratio Lower Upper  
43 100  
58 24.8 27.8 41.8#





#20  
Methylene Chloride  
Concen: 1.838 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24

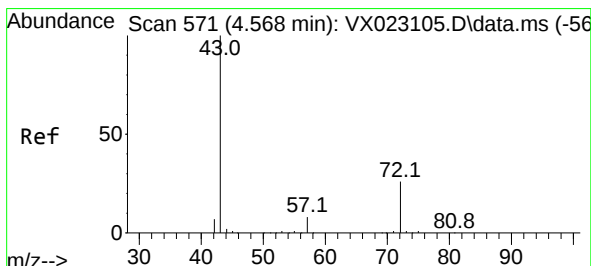
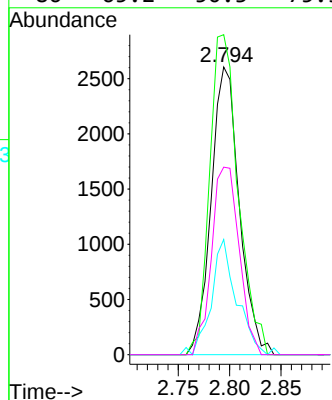
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021



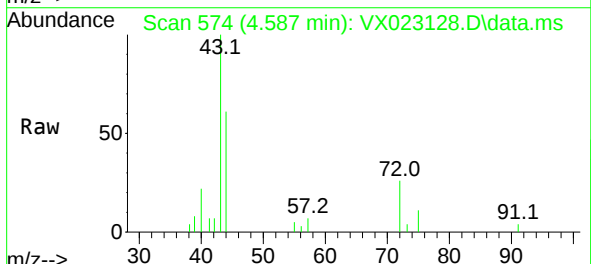
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 111.2 | 88.6  | 132.8 |
| 51      | 40.1  | 27.0  | 40.6  |
| 86      | 65.2  | 50.3  | 75.5  |

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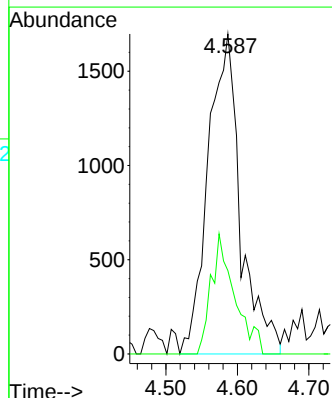
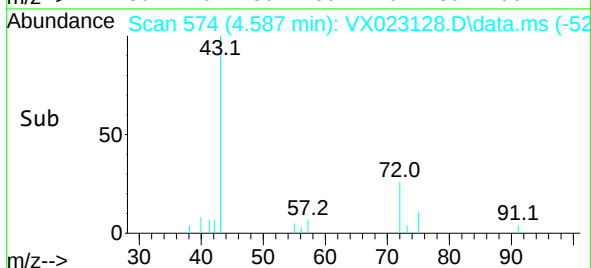
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7/6/2021 1:51:34 PM

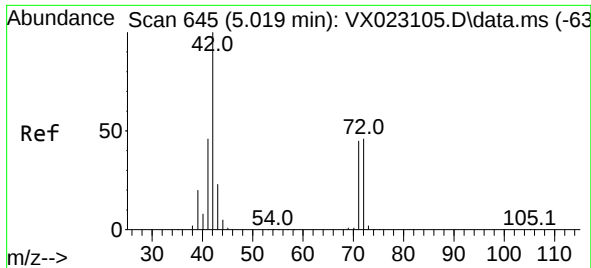


#25  
2-Butanone  
Concen: 2.827 ug/l  
RT: 4.587 min Scan# 574  
Delta R.T. 0.019 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 26.0  | 23.7  | 35.5  |





#29

Tetrahydrofuran

Concen: 1.684 ug/l m

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX023128.D

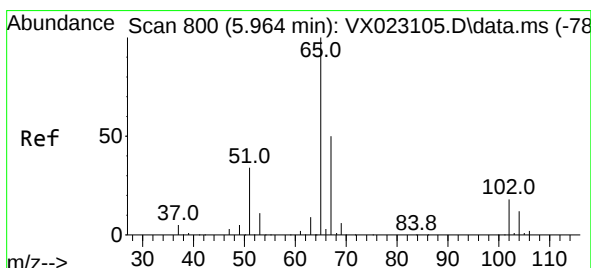
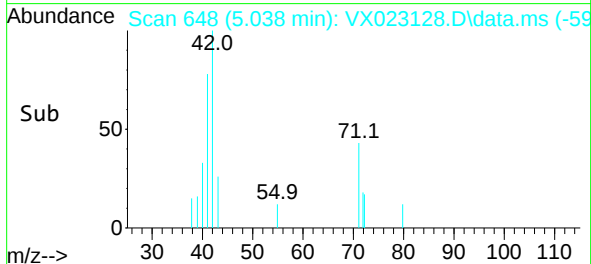
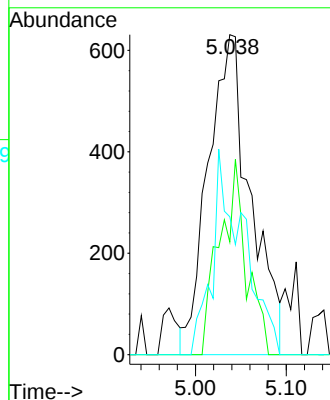
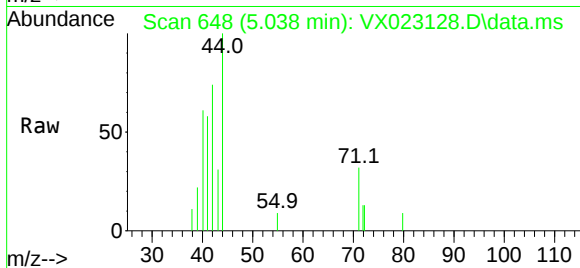
Acq: 02 Jul 2021 23:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2046  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.6  | 41.7  | 62.5# |
| 71       | 46.9  | 38.4  | 57.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021

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#33

1,2-Dichloroethane-d4

Concen: 50.609 ug/l

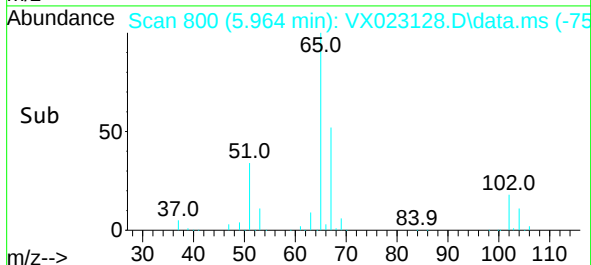
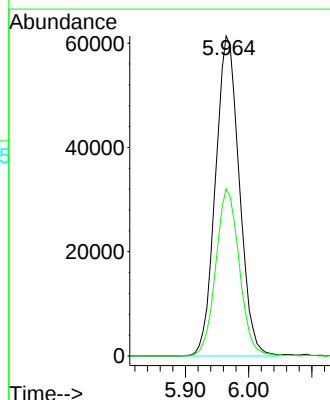
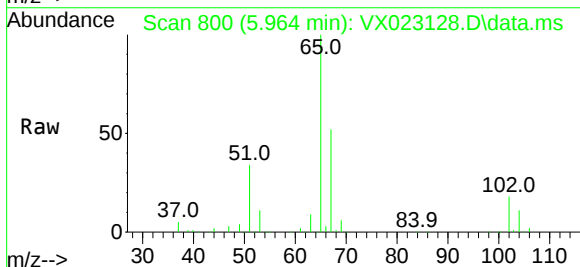
RT: 5.964 min Scan# 800

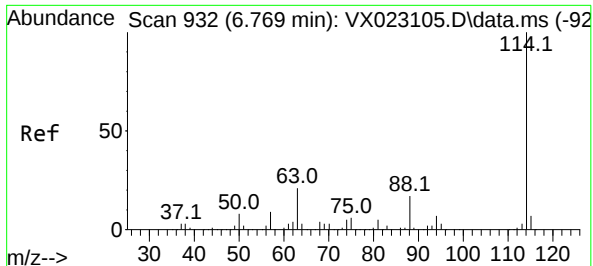
Delta R.T. 0.000 min

Lab File: VX023128.D

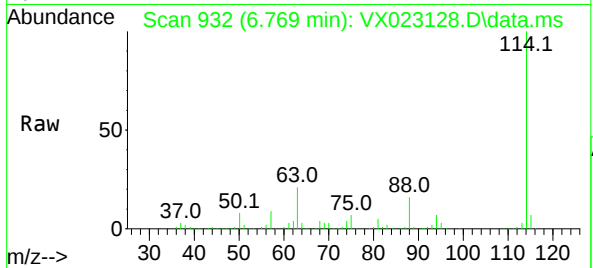
Acq: 02 Jul 2021 23:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 160293 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.6  | 0.0   | 105.4  |

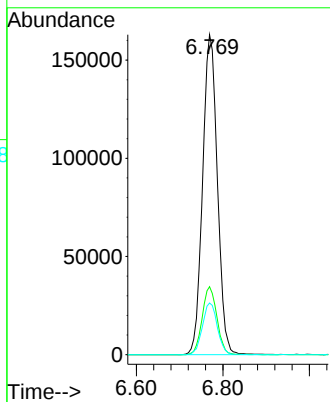
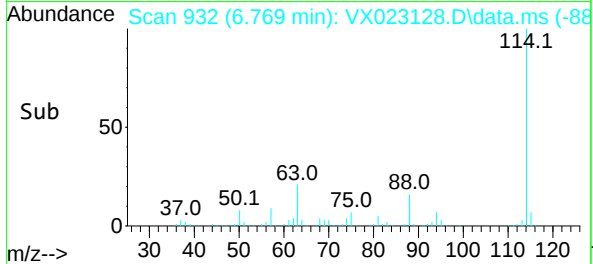




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



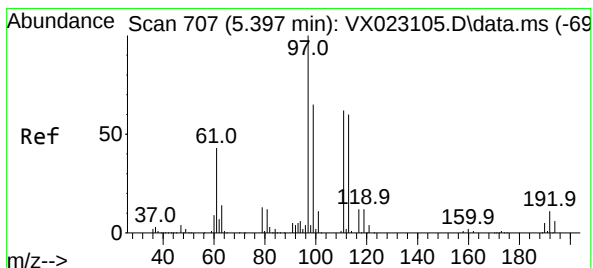
Tgt Ion:114 Resp: 385963  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.8  
88 16.2 0.0 32.8



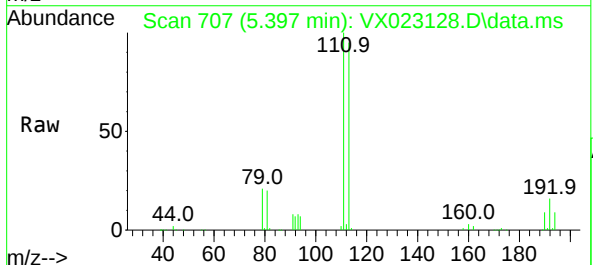
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021

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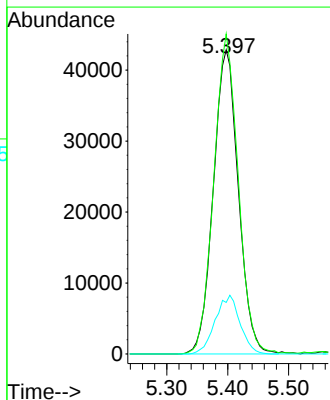
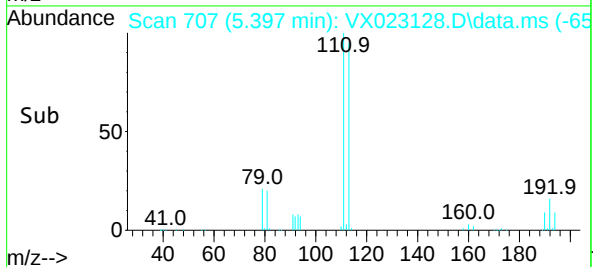
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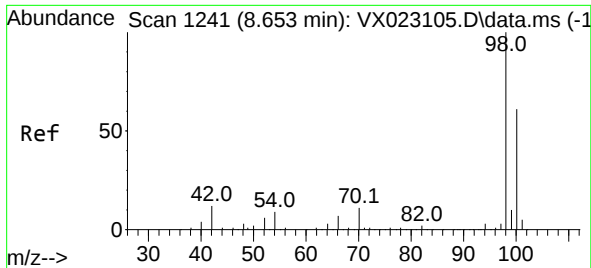


#35  
Dibromofluoromethane  
Concen: 48.972 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



Tgt Ion:113 Resp: 122058  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.9 122.9  
192 19.1 16.7 25.1





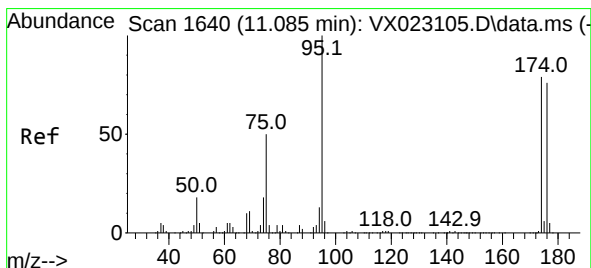
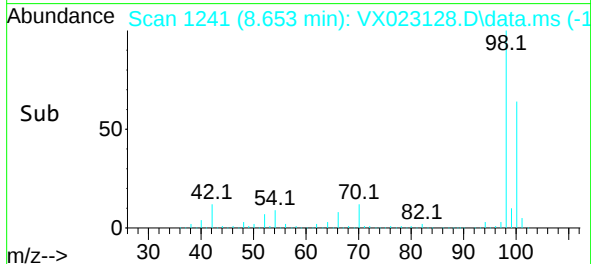
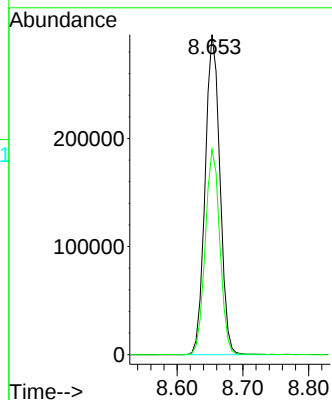
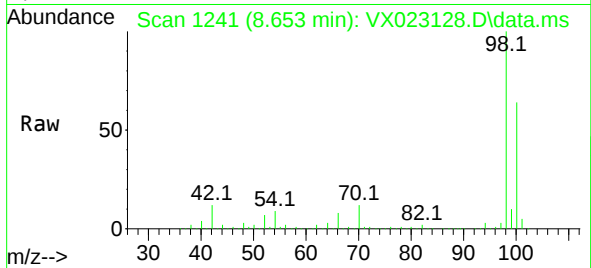
#50  
Toluene-d8  
Concen: 49.795 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24

Tgt Ion: 98 Resp: 462950  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.9 77.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-01-063021

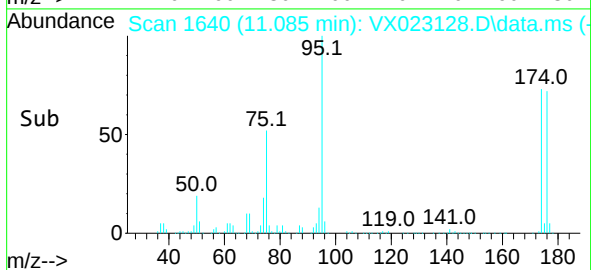
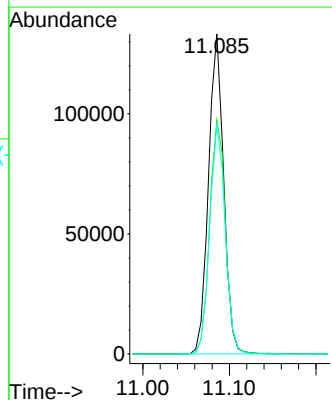
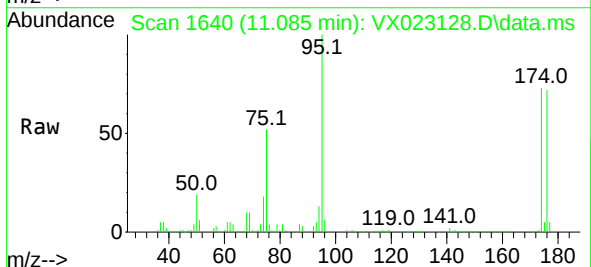
Manual Integrations  
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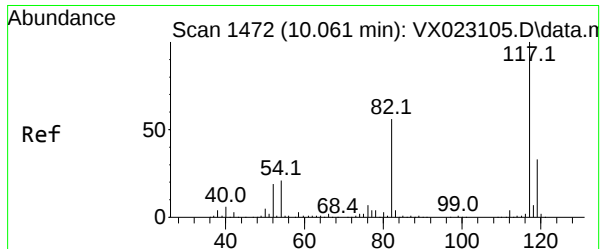
SAM  
7/6/2021 1:51:34 PM



#62  
4-Bromofluorobenzene  
Concen: 45.295 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24

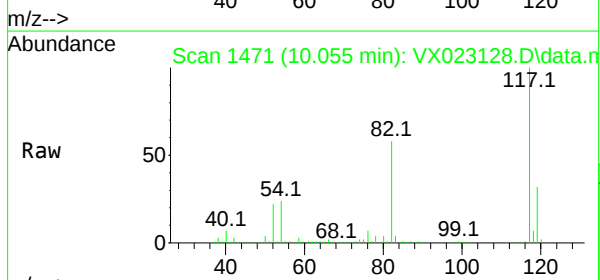
Tgt Ion: 95 Resp: 162574  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 154.6  
176 72.8 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24

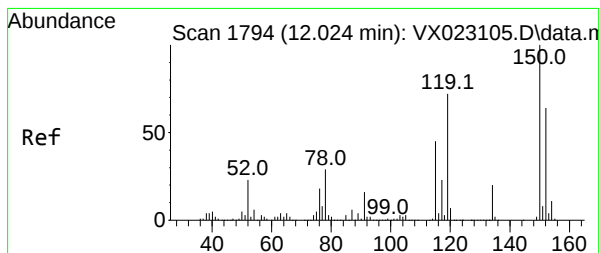
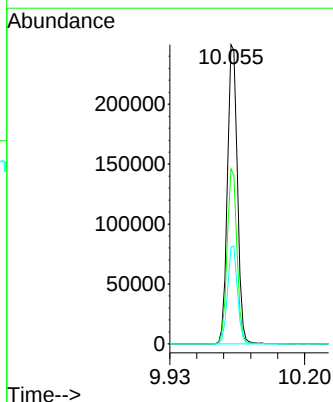
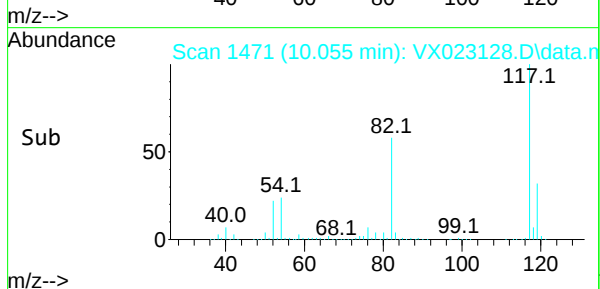
Instrument :  
MSVOA\_X  
ClientSampled :  
EB-01-063021



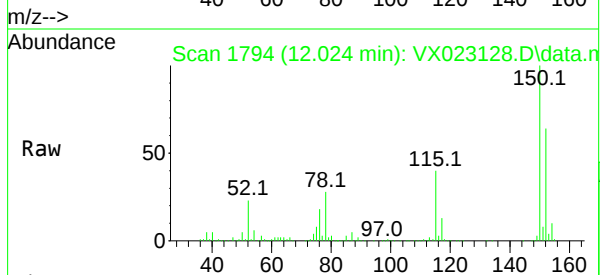
Tgt Ion:117 Resp: 346826  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.4 71.2  
119 32.5 26.6 39.8

Manual Integrations  
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7/6/2021 1:51:34 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023128.D  
Acq: 02 Jul 2021 23:24



Tgt Ion:152 Resp: 142489  
Ion Ratio Lower Upper  
152 100  
115 61.0 41.1 123.3  
150 155.5 0.0 349.0

