

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012122\  
 Data File : VN070730.D  
 Acq On : 21 Jan 2022 14:44  
 Operator : JC/MD  
 Sample : N1217-08 10X  
 Misc : 1.07g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VNJ-242

Quant Time: Jan 22 05:28:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

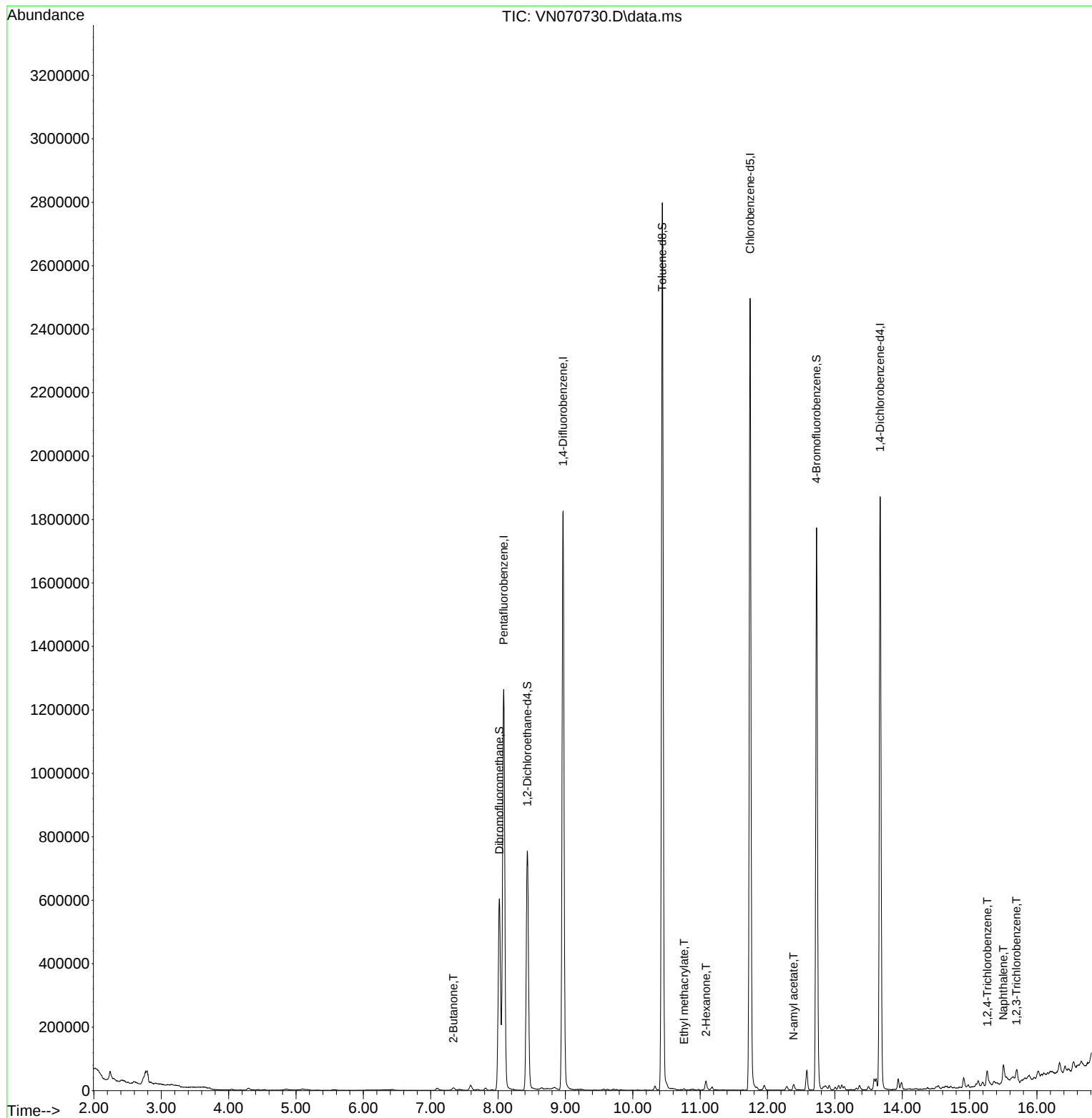
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.083          | 168  | 970476     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965          | 114  | 1543495    | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.741         | 117  | 1416501    | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.672         | 152  | 516285     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 656182     | 47.179  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 94.360% |        |          |
| 35) Dibromofluoromethane    | 8.018          | 113  | 446361     | 46.621  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 93.240% |        |          |
| 50) Toluene-d8              | 10.438         | 98   | 1922694    | 47.669  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 95.340% |        |          |
| 62) 4-Bromofluorobenzene    | 12.728         | 95   | 650532     | 45.261  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 90.520% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
|                             |                |      |            |         | Qvalue |          |
| 25) 2-Butanone              | 7.337          | 43   | 13812      | 1.137   | ug/l # | 89       |
| 56) Ethyl methacrylate      | 10.762         | 69   | 2469       | 2.407   | ug/l   | 90       |
| 59) 2-Hexanone              | 11.087         | 43   | 23716      | 1.565   | ug/l   | 92       |
| 74) N-amyl acetate          | 12.387         | 43   | 11887      | 0.595   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene  | 15.262         | 180  | 13261      | 4.720   | ug/l   | 94       |
| 95) Naphthalene             | 15.501         | 128  | 55876      | 6.829   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene  | 15.697         | 180  | 14967      | 4.752   | ug/l   | 89       |
| -----                       |                |      |            |         |        |          |

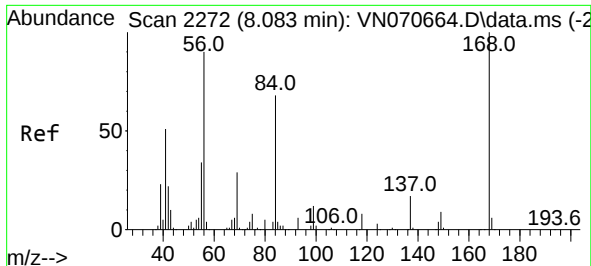
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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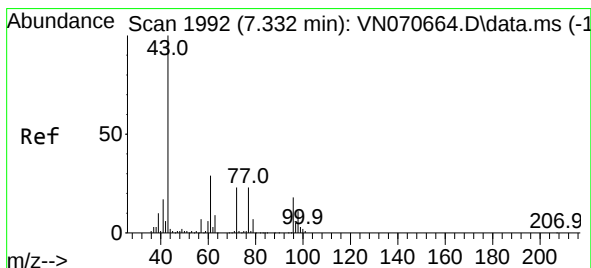
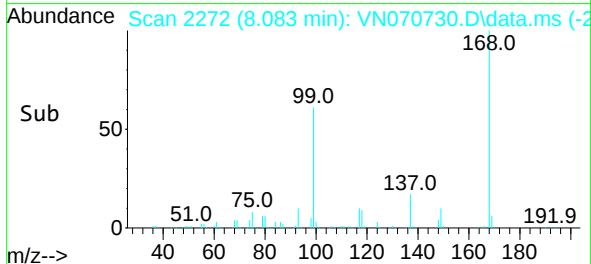
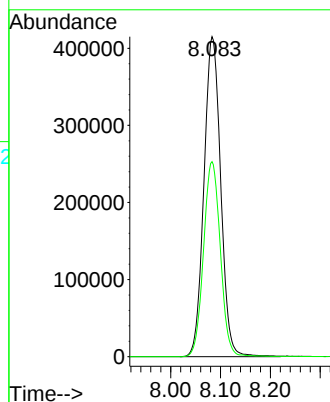
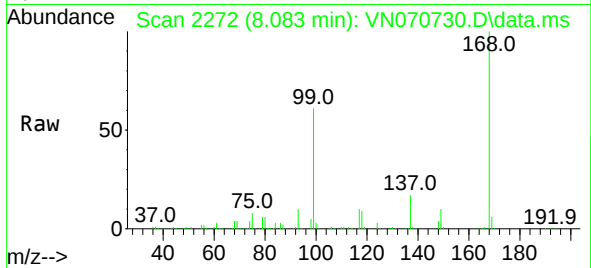




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.083 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

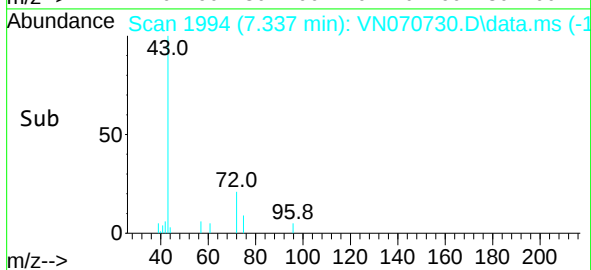
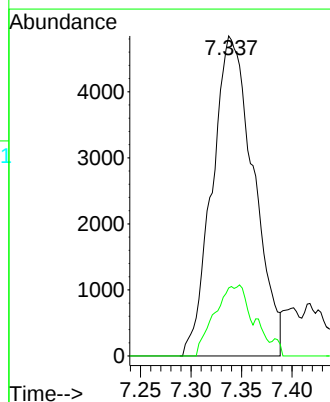
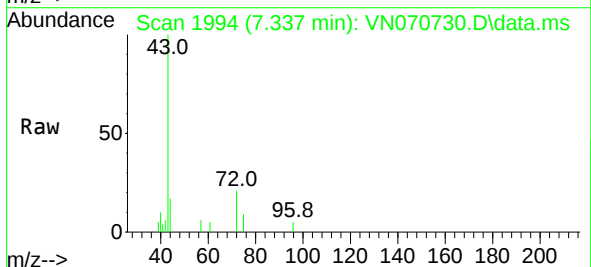
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MSVOA\_N  
ClientSampleId :  
VNJ-242

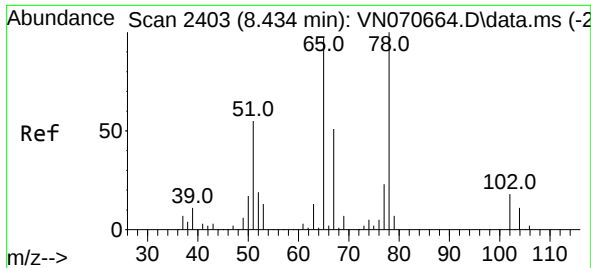
Tgt Ion:168 Resp: 970476  
Ion Ratio Lower Upper  
168 100  
99 61.0 41.3 61.9



#25  
2-Butanone  
Concen: 1.137 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.005 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

Tgt Ion: 43 Resp: 13812  
Ion Ratio Lower Upper  
43 100  
72 21.3 21.7 32.5#

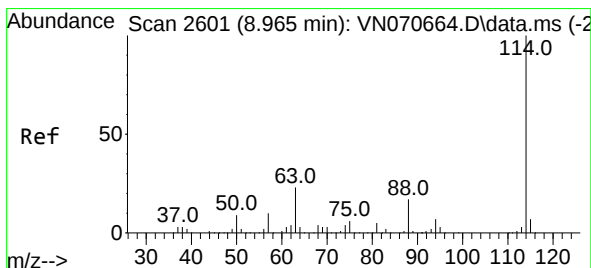
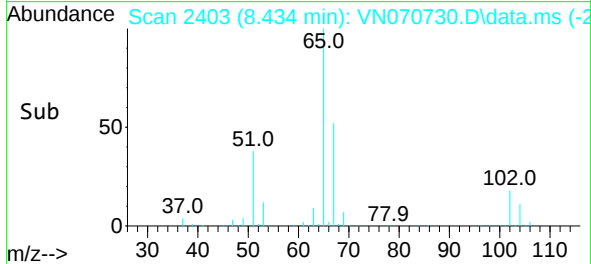
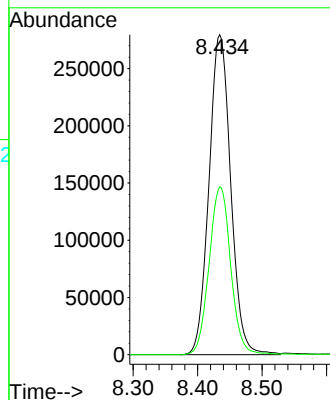
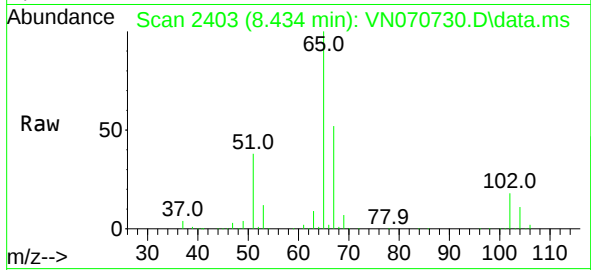




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.179 ug/l  
 RT: 8.434 min Scan# 2403  
 Delta R.T. 0.000 min  
 Lab File: VN070730.D  
 Acq: 21 Jan 2022 14:44

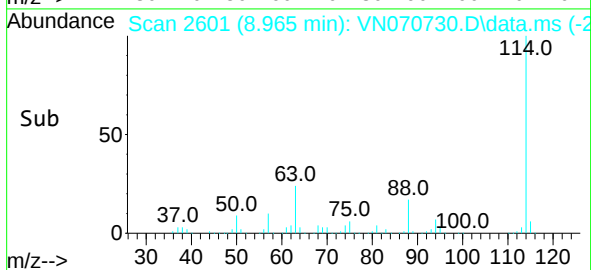
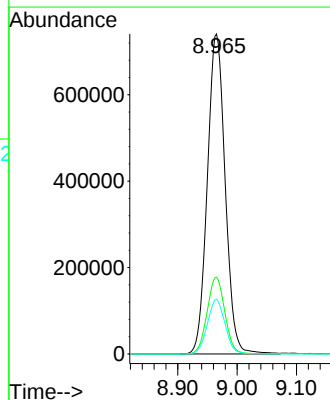
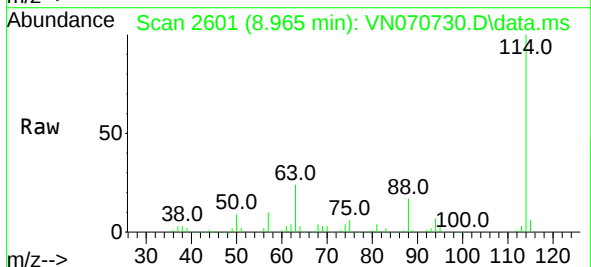
Instrument :  
 MSVOA\_N  
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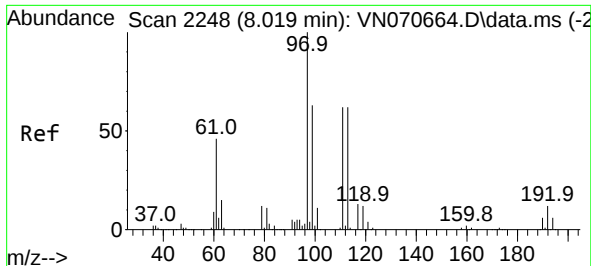
Tgt Ion: 65 Resp: 656182  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.965 min Scan# 2601  
 Delta R.T. 0.000 min  
 Lab File: VN070730.D  
 Acq: 21 Jan 2022 14:44

Tgt Ion: 114 Resp: 1543495  
 Ion Ratio Lower Upper  
 114 100  
 63 24.0 0.0 37.8  
 88 17.1 0.0 27.4

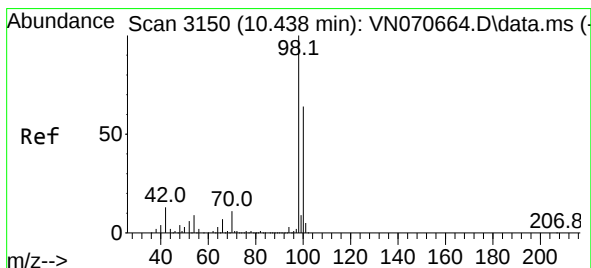
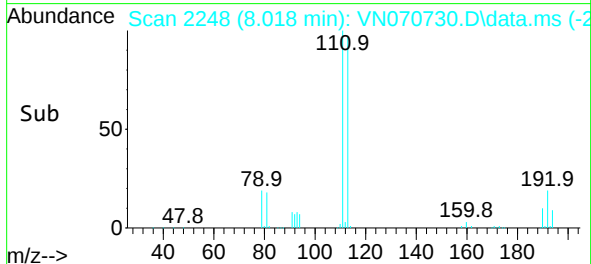
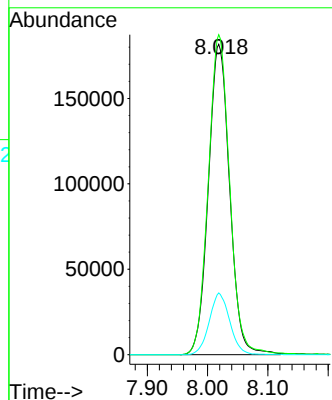
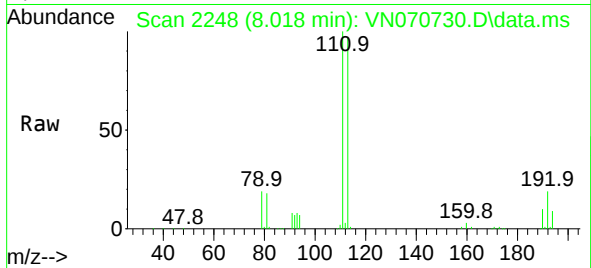




#35  
Dibromofluoromethane  
Concen: 46.621 ug/l  
RT: 8.018 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

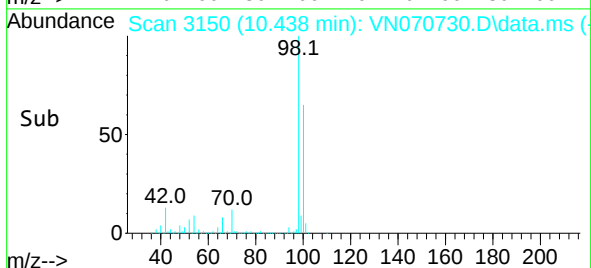
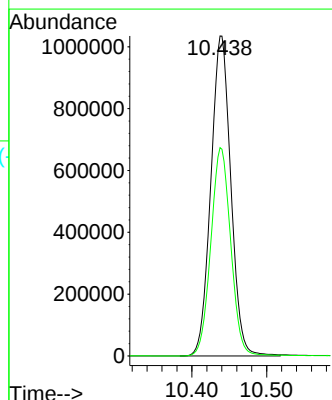
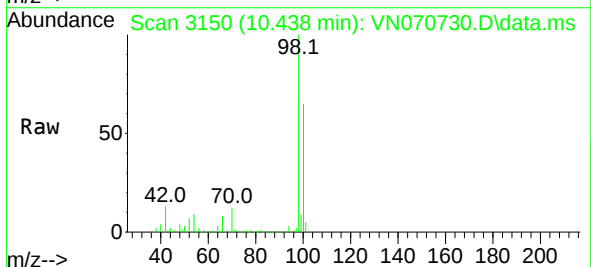
Instrument :  
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VNJ-242

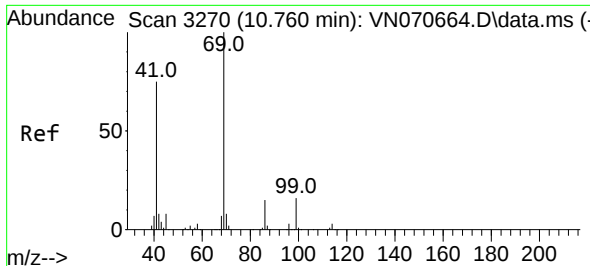
Tgt Ion:113 Resp: 446361  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.2  
192 19.1 16.9 25.3



#50  
Toluene-d8  
Concen: 47.669 ug/l  
RT: 10.438 min Scan# 3150  
Delta R.T. -0.000 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

Tgt Ion: 98 Resp: 1922694  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.4 75.6

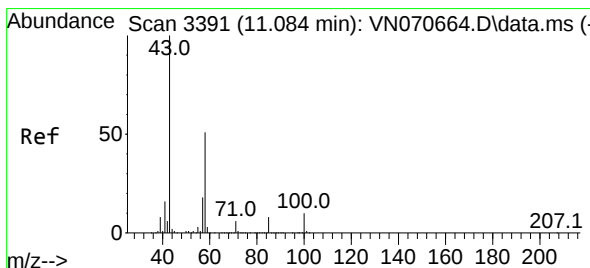
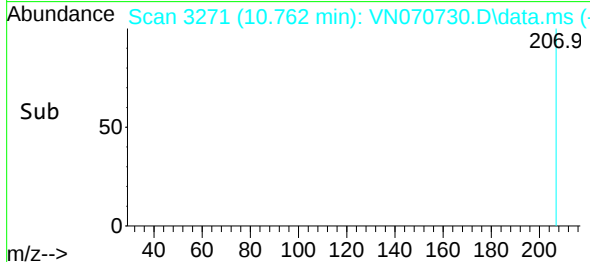
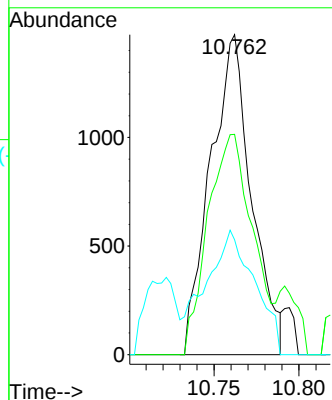
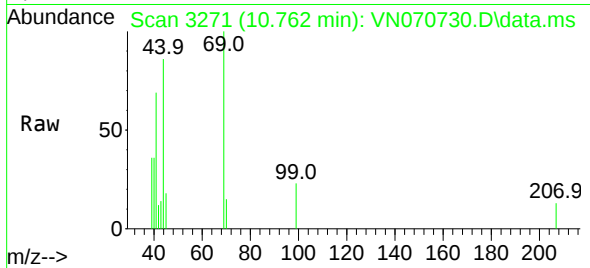




#56  
Ethyl methacrylate  
Concen: 2.407 ug/l  
RT: 10.762 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

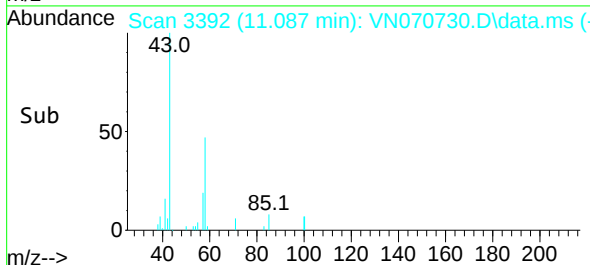
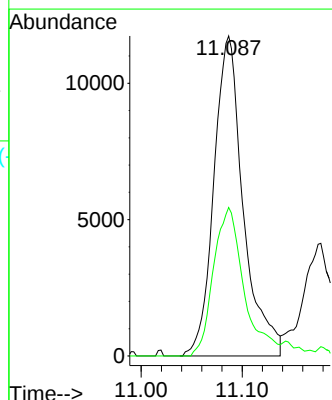
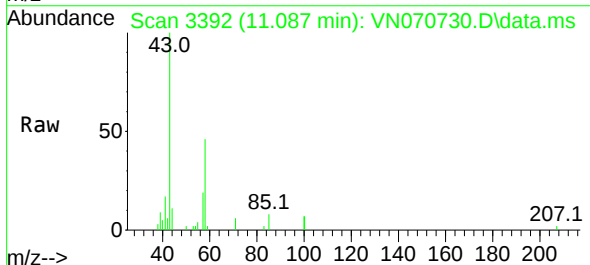
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ClientSampleId :  
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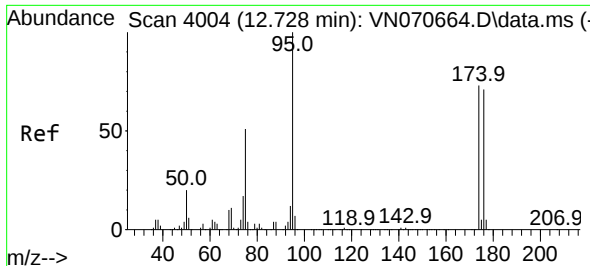
Tgt Ion: 69 Resp: 2469  
Ion Ratio Lower Upper  
69 100  
41 74.7 51.4 77.0  
39 47.0 34.6 52.0



#59  
2-Hexanone  
Concen: 1.565 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.003 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

Tgt Ion: 43 Resp: 23716  
Ion Ratio Lower Upper  
43 100  
58 48.1 26.9 80.7

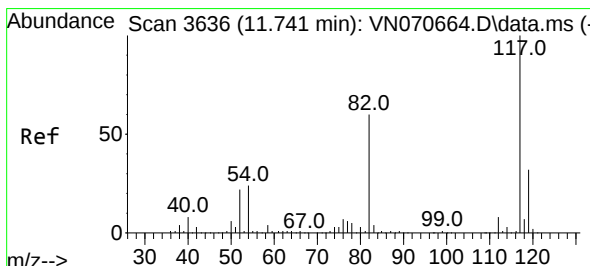
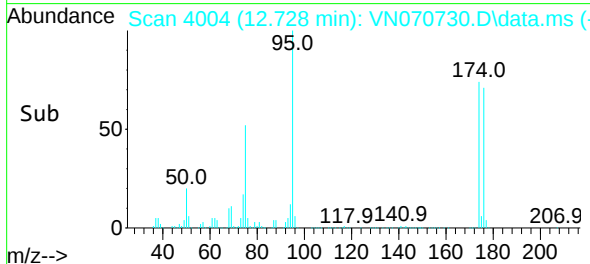
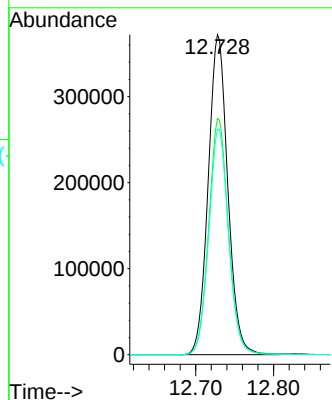
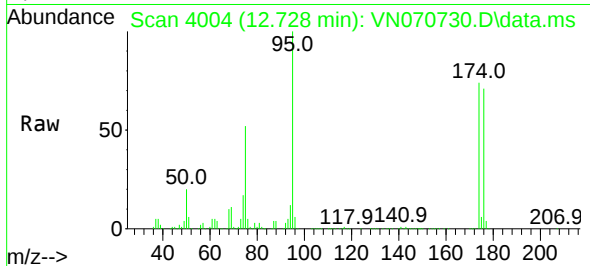




#62  
4-Bromofluorobenzene  
Concen: 45.261 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. -0.000 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

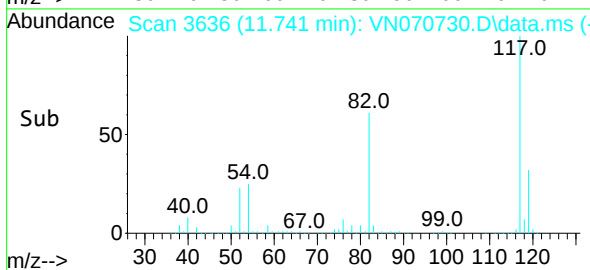
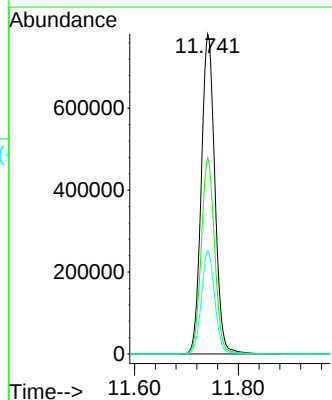
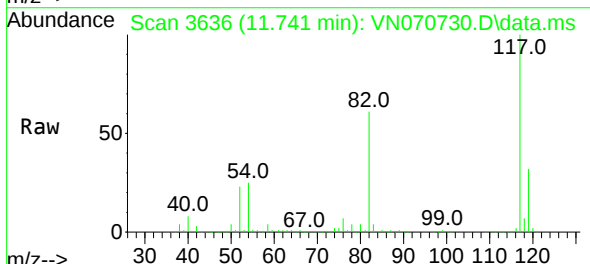
Instrument :  
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VNJ-242

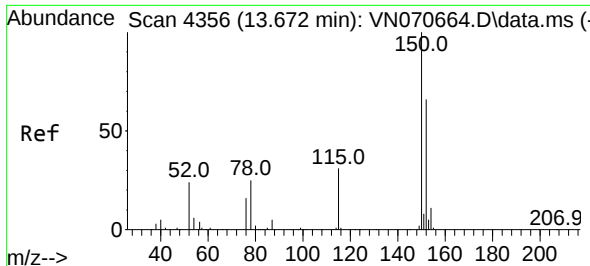
Tgt Ion: 95 Resp: 650532  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 187.2  
176 71.0 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.741 min Scan# 3636  
Delta R.T. 0.000 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

Tgt Ion: 117 Resp: 1416501  
Ion Ratio Lower Upper  
117 100  
82 61.3 42.4 63.6  
119 32.1 25.4 38.2

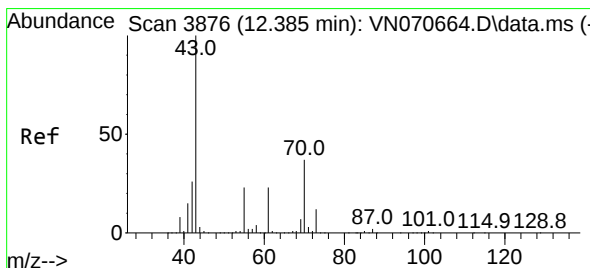
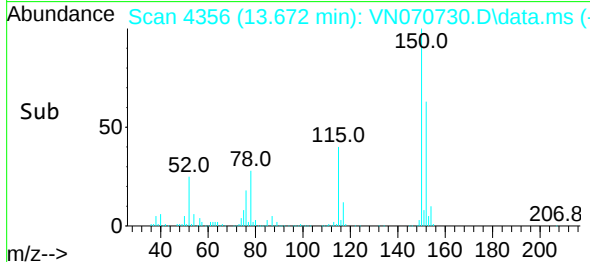
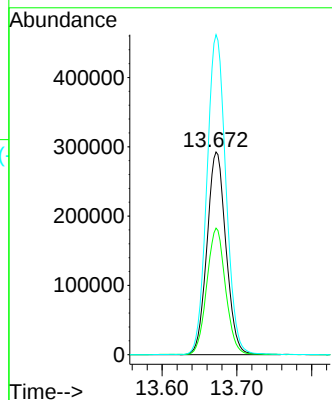
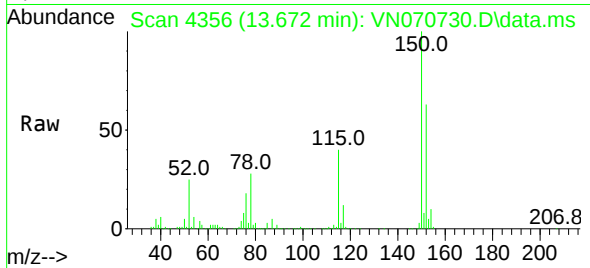




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.672 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

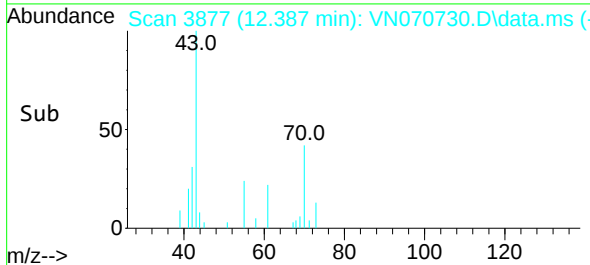
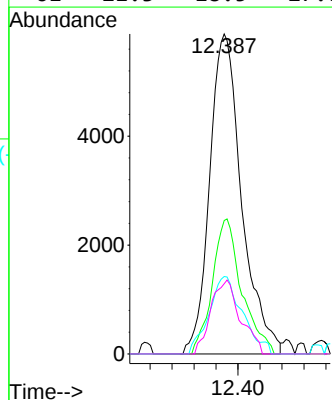
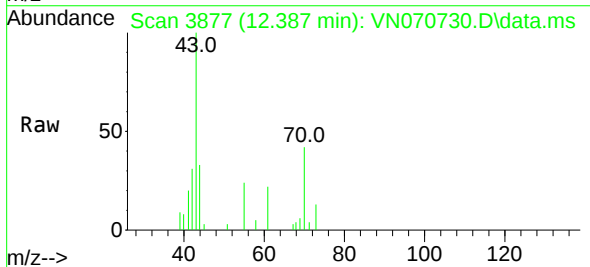
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ClientSampleId :  
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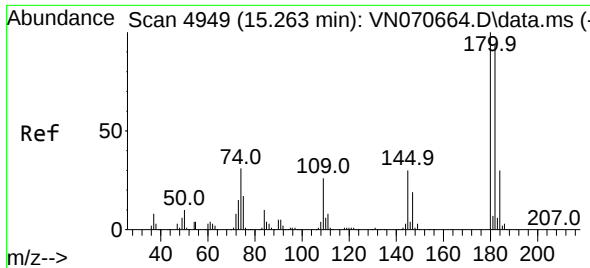
Tgt Ion:152 Resp: 516285  
Ion Ratio Lower Upper  
152 100  
115 61.3 27.5 82.5  
150 157.7 0.0 344.4



#74  
N-ethyl acetate  
Concen: 0.595 ug/l  
RT: 12.387 min Scan# 3877  
Delta R.T. 0.002 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

Tgt Ion: 43 Resp: 11887  
Ion Ratio Lower Upper  
43 100  
70 38.8 33.4 50.0  
55 25.2 19.3 28.9  
61 21.3 18.5 27.7

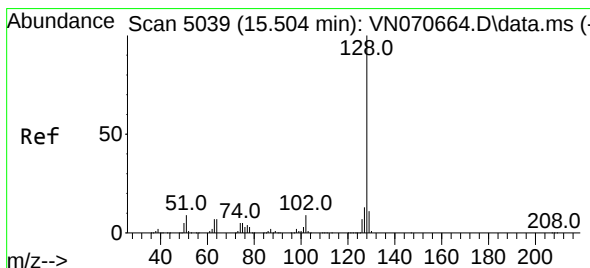
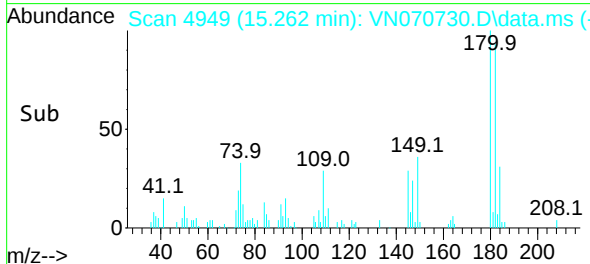
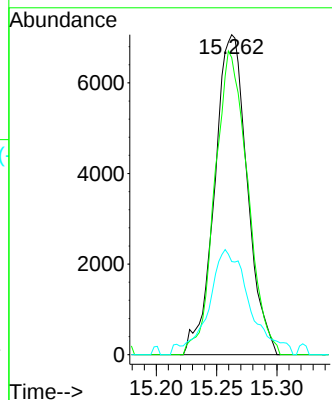
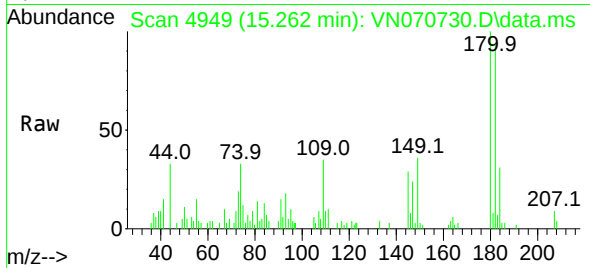




#93  
1,2,4-Trichlorobenzene  
Concen: 4.720 ug/l  
RT: 15.262 min Scan# 4949  
Delta R.T. -0.001 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

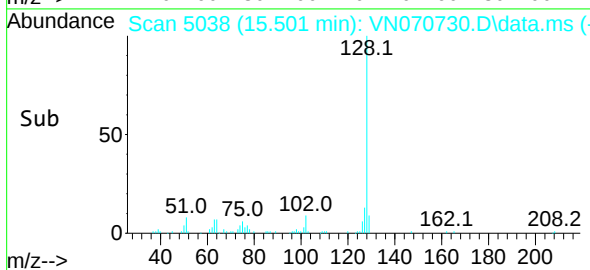
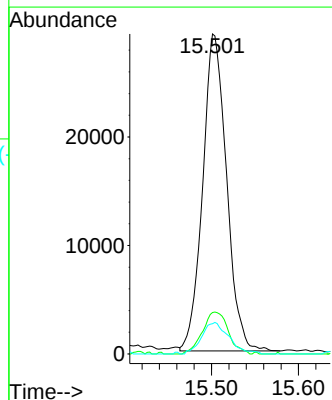
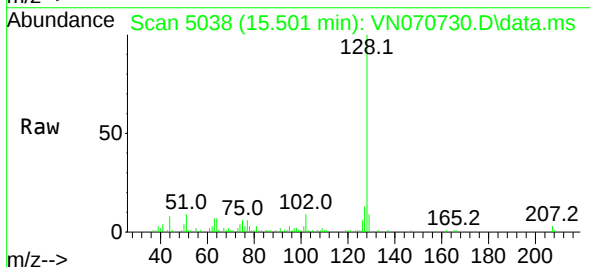
Instrument :  
MSVOA\_N  
ClientSampleId :  
VNJ-242

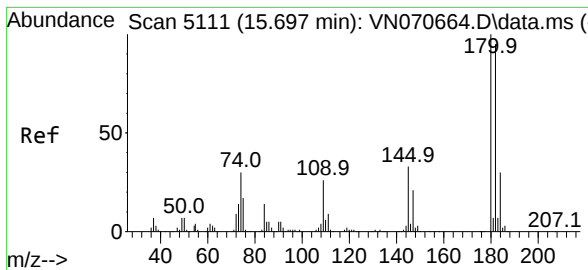
Tgt Ion:180 Resp: 13261  
Ion Ratio Lower Upper  
180 100  
182 95.1 48.3 144.9  
145 40.4 14.5 43.5



#95  
Naphthalene  
Concen: 6.829 ug/l  
RT: 15.501 min Scan# 5038  
Delta R.T. -0.003 min  
Lab File: VN070730.D  
Acq: 21 Jan 2022 14:44

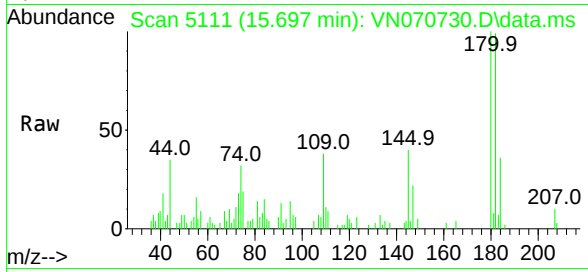
Tgt Ion:128 Resp: 55876  
Ion Ratio Lower Upper  
128 100  
127 14.3 10.5 15.7  
129 11.3 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.752 ug/l  
 RT: 15.697 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VN070730.D  
 Acq: 21 Jan 2022 14:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VNJ-242



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 14967 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 101.0 | 47.4  | 142.2 |
| 145       | 44.3  | 15.0  | 45.1  |

