

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
 Data File : VN070549.D  
 Acq On : 10 Jan 2022 17:44  
 Operator : JC/MD  
 Sample : N1015-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 20969

Quant Time: Jan 11 06:05:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

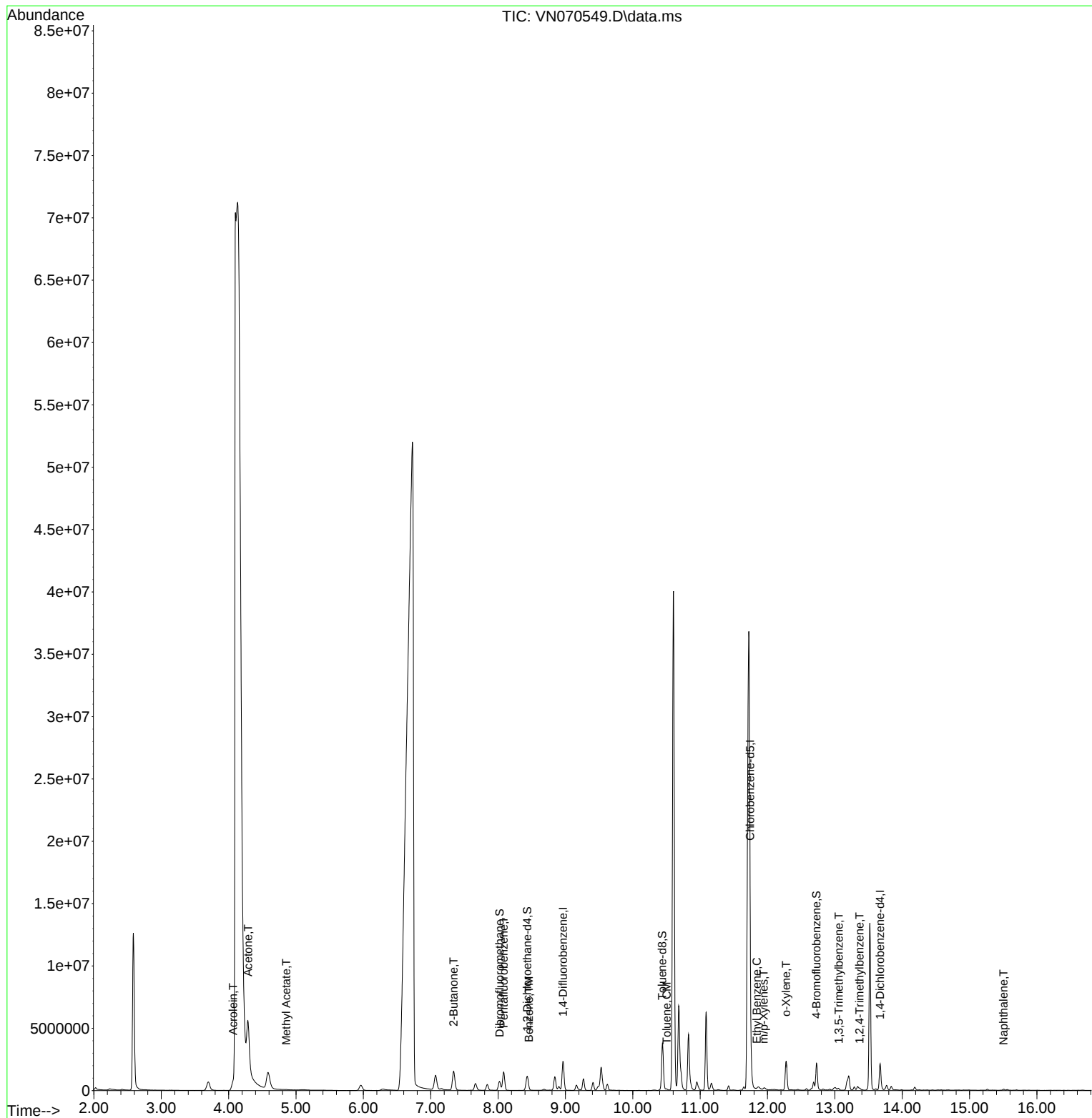
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.083          | 168  | 1131360    | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965          | 114  | 1968145    | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.741         | 117  | 1499403    | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.672         | 152  | 568979     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 767688     | 47.194  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 94.380% |        |          |
| 35) Dibromofluoromethane    | 8.021          | 113  | 529592     | 44.473  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 88.940% |        |          |
| 50) Toluene-d8              | 10.438         | 98   | 2059676    | 42.340  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 84.680% |        |          |
| 62) 4-Bromofluorobenzene    | 12.728         | 95   | 788818     | 44.896  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 89.800% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 13) Acrolein                | 4.068          | 56   | 874224     | 397.800 | ug/l # | 14       |
| 16) Acetone                 | 4.288          | 43   | 6573629    | 622.521 | ug/l # | 30       |
| 18) Methyl Acetate          | 4.857          | 43   | 40710      | 1.333   | ug/l   | 94       |
| 25) 2-Butanone              | 7.340          | 43   | 2521092    | 189.614 | ug/l   | 92       |
| 40) Benzene                 | 8.459          | 78   | 20300      | 0.336   | ug/l # | 85       |
| 52) Toluene                 | 10.502         | 92   | 25514      | 0.698   | ug/l   | 95       |
| 67) Ethyl Benzene           | 11.841         | 91   | 14260      | 0.245   | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.945         | 106  | 22961      | 1.082   | ug/l   | 98       |
| 69) o-Xylene                | 12.278         | 106  | 16587      | 0.786   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 13.058         | 105  | 44965      | 1.062   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.367         | 105  | 86504      | 2.122   | ug/l   | 94       |
| 95) Naphthalene             | 15.504         | 128  | 55608      | 3.865   | ug/l # | 90       |
| -----                       |                |      |            |         |        |          |

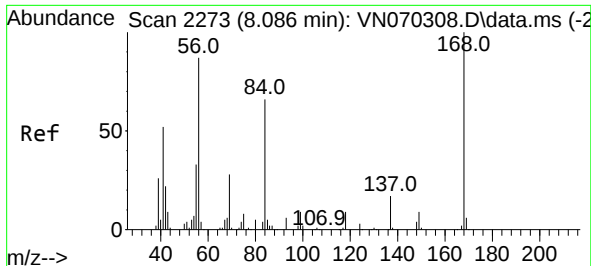
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
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Sample : N1015-04  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Time: Jan 11 06:05:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

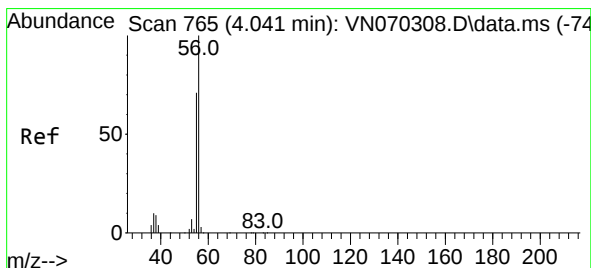
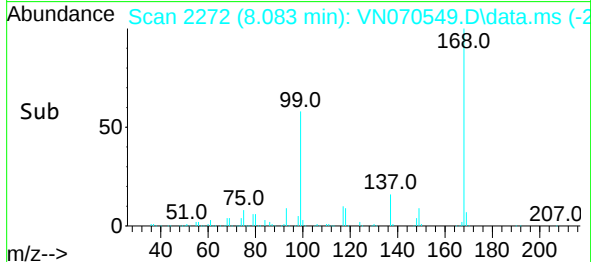
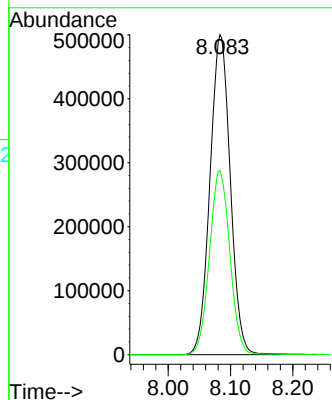
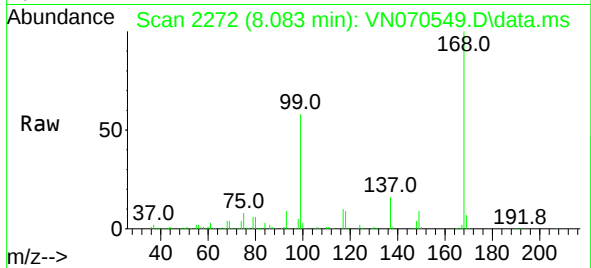




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.083 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

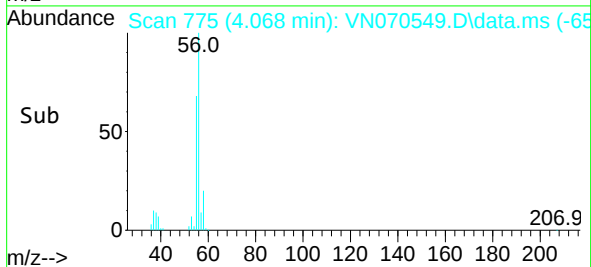
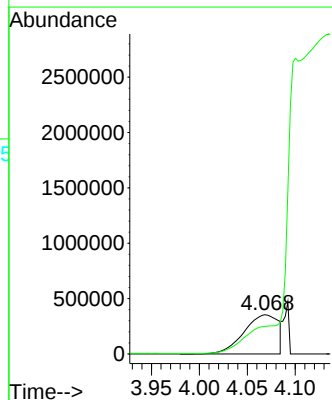
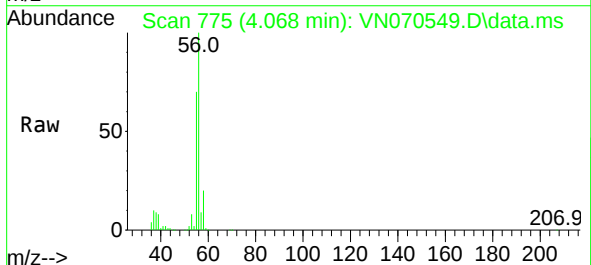
Instrument :  
MSVOA\_N  
ClientSampleId :  
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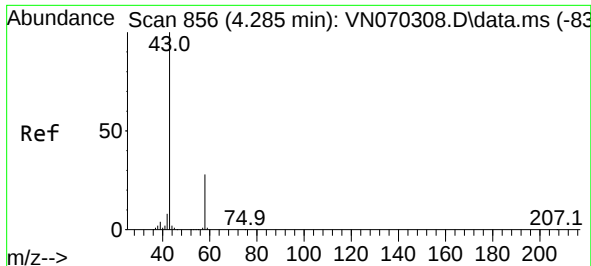
Tgt Ion:168 Resp: 1131360  
Ion Ratio Lower Upper  
168 100  
99 57.6 41.3 61.9



#13  
Acrolein  
Concen: 397.800 ug/l  
RT: 4.068 min Scan# 775  
Delta R.T. 0.027 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 56 Resp: 874224  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.6 85.0#

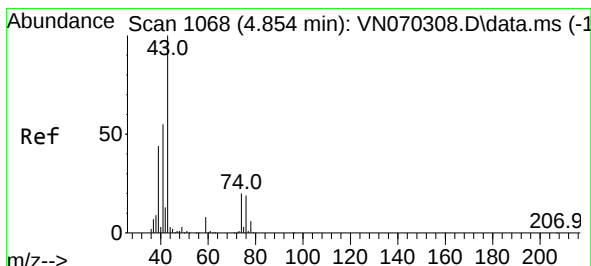
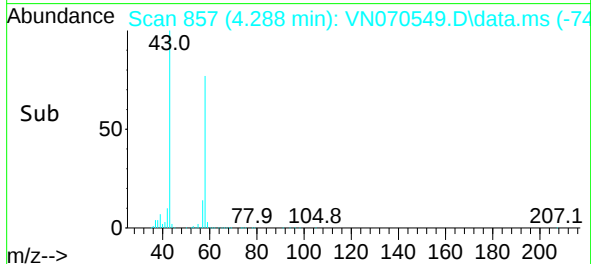
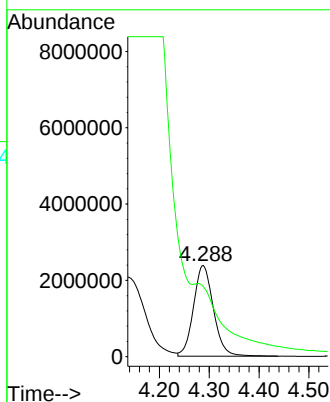
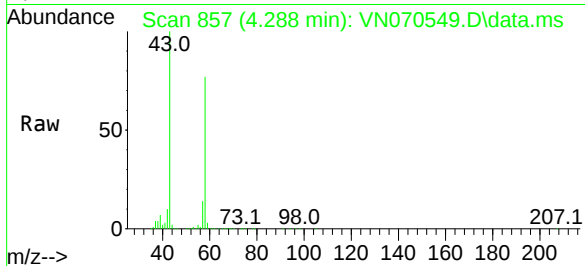




#16  
Acetone  
Concen: 622.521 ug/l  
RT: 4.288 min Scan# 856  
Delta R.T. 0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

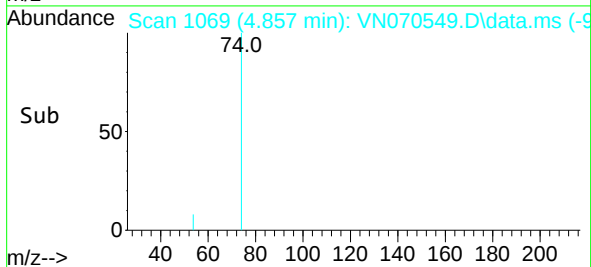
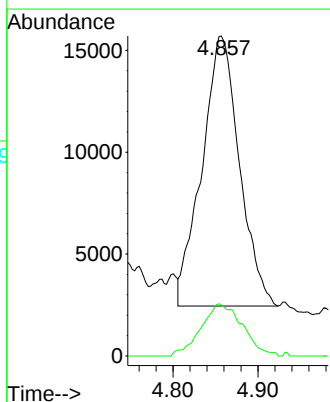
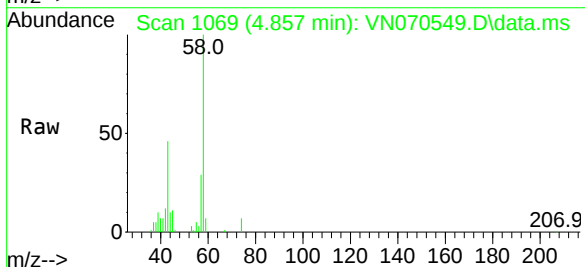
Instrument :  
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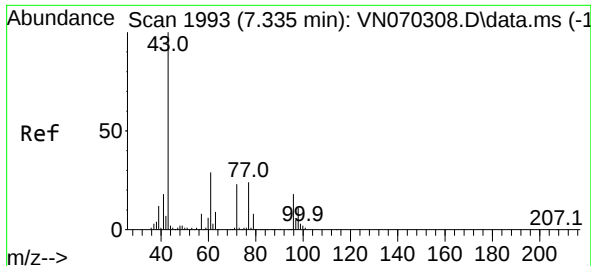
Tgt Ion: 43 Resp: 6573629  
Ion Ratio Lower Upper  
43 100  
58 66.0 23.1 34.7#



#18  
Methyl Acetate  
Concen: 1.333 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. 0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 43 Resp: 40710  
Ion Ratio Lower Upper  
43 100  
74 21.3 19.4 29.2

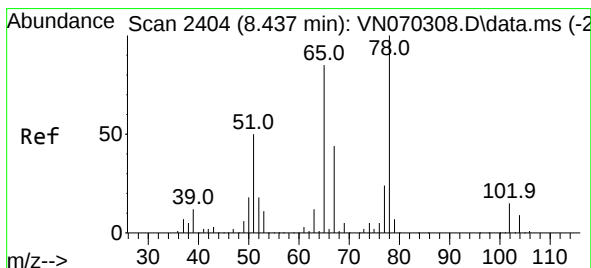
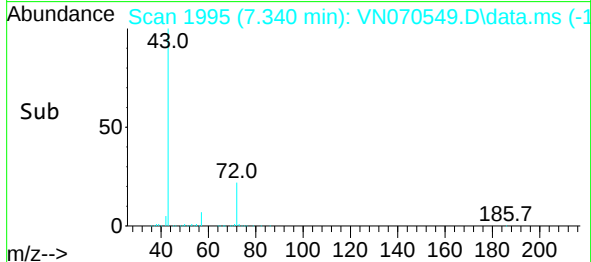
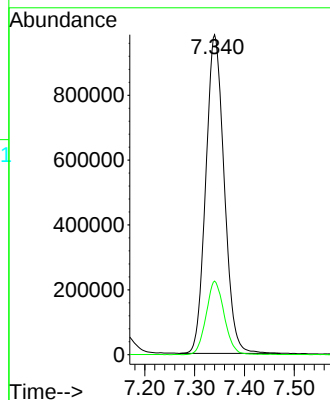
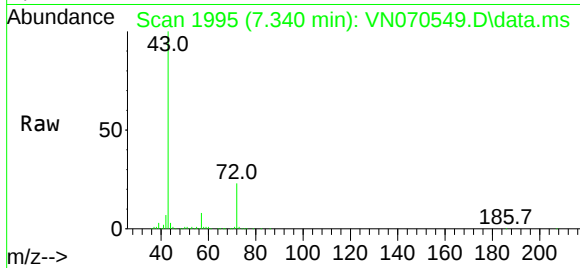




#25  
2-Butanone  
Concen: 189.614 ug/l  
RT: 7.340 min Scan# 1993  
Delta R.T. 0.005 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

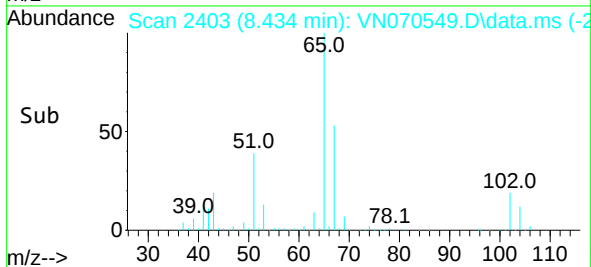
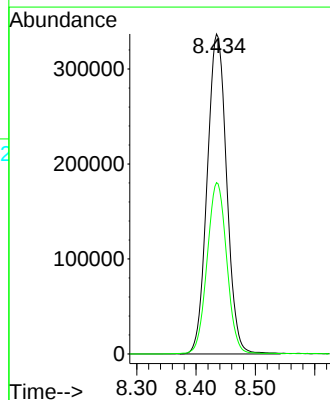
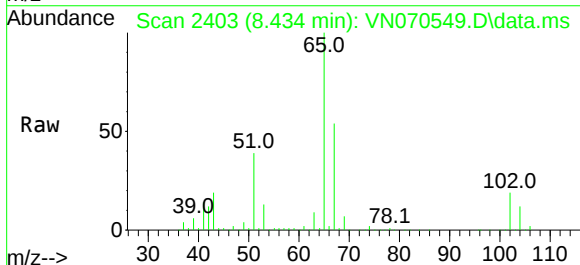
Instrument :  
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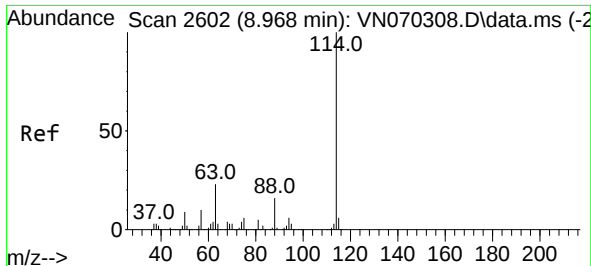
Tgt Ion: 43 Resp: 2521092  
Ion Ratio Lower Upper  
43 100  
72 23.1 21.7 32.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.194 ug/l  
RT: 8.434 min Scan# 2403  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 65 Resp: 767688  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 103.0

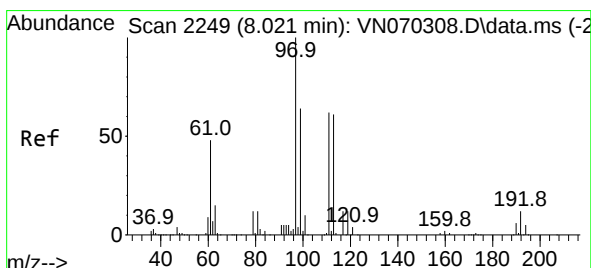
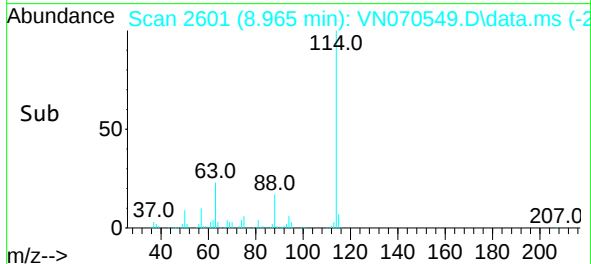
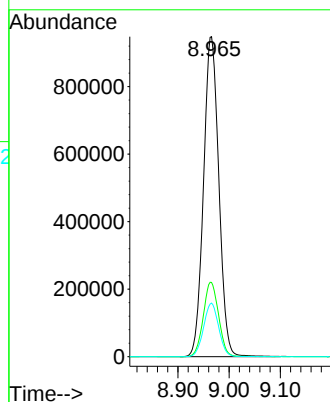
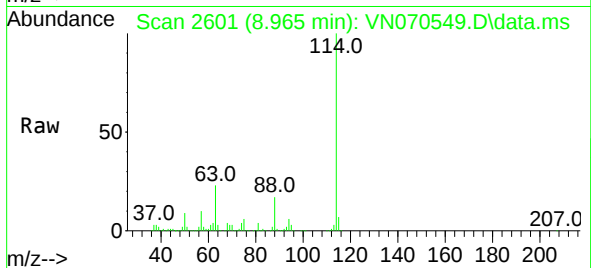




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

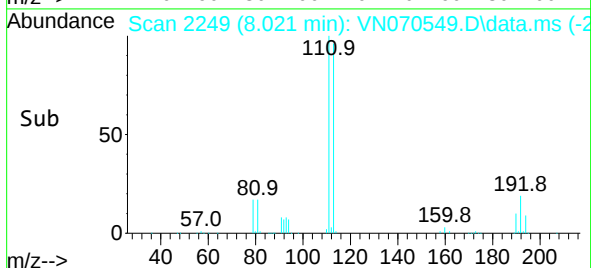
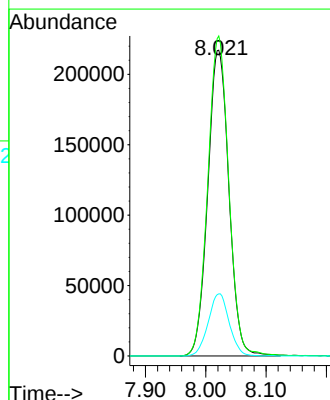
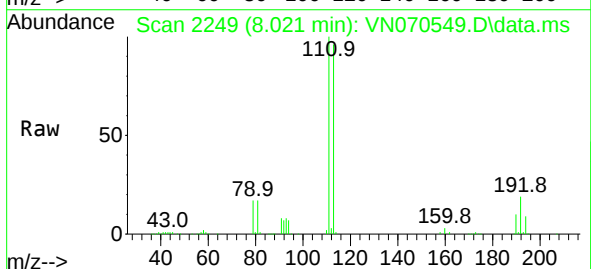
Instrument :  
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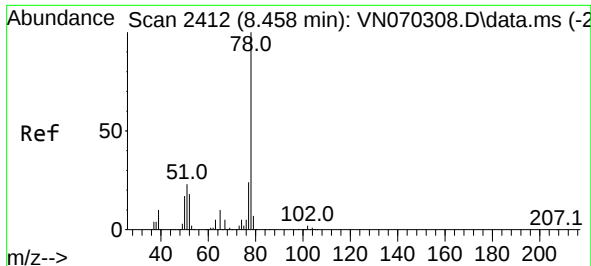
Tgt Ion:114 Resp: 1968145  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 37.8  
88 16.7 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 44.473 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion:113 Resp: 529592  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.2 123.2  
192 20.2 16.9 25.3

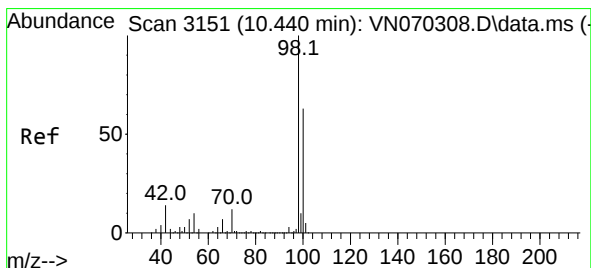
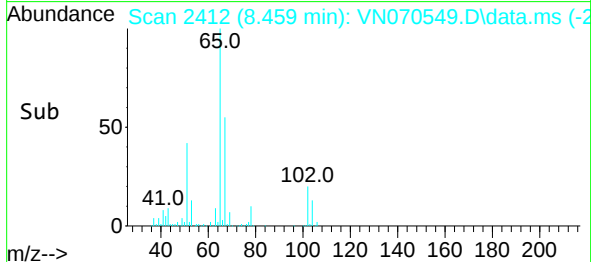
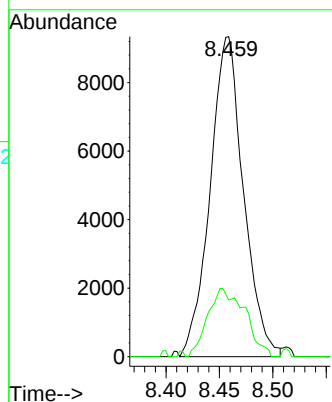
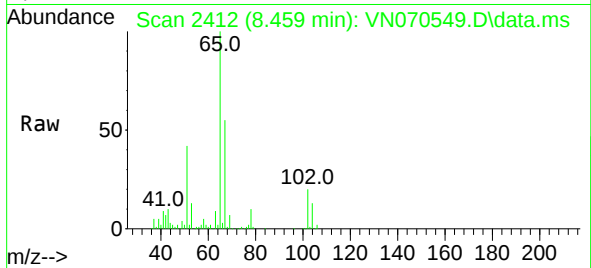




#40  
Benzene  
Concen: 0.336 ug/l  
RT: 8.459 min Scan# 2412  
Delta R.T. 0.001 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

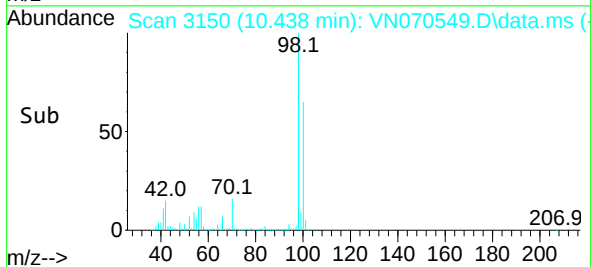
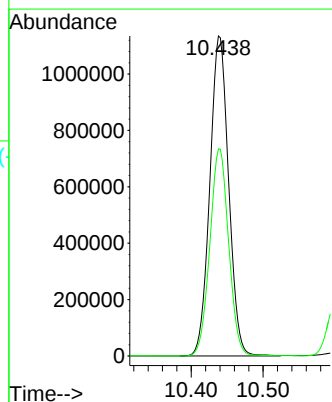
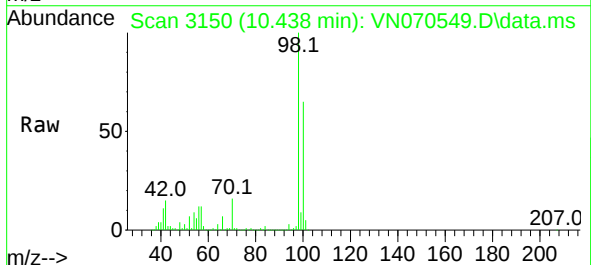
Instrument :  
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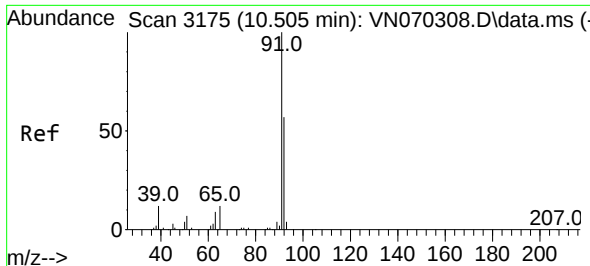
Tgt Ion: 78 Resp: 20300  
Ion Ratio Lower Upper  
78 100  
77 16.0 18.6 27.8#



#50  
Toluene-d8  
Concen: 42.340 ug/l  
RT: 10.438 min Scan# 3150  
Delta R.T. -0.002 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 98 Resp: 2059676  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.4 75.6

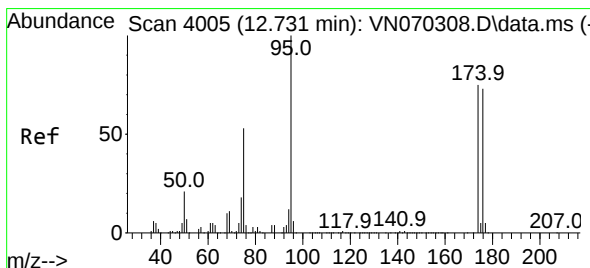
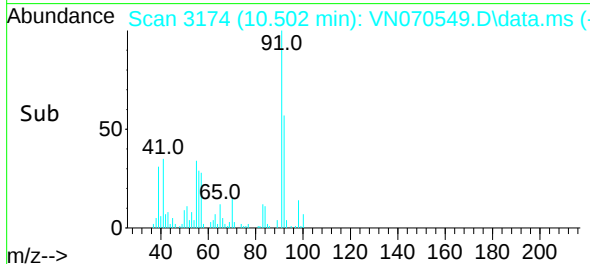
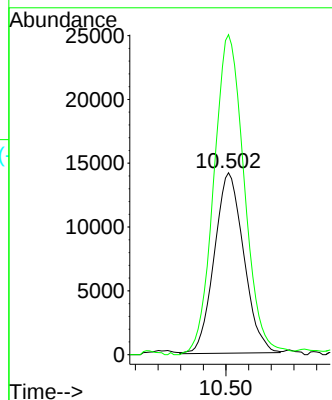
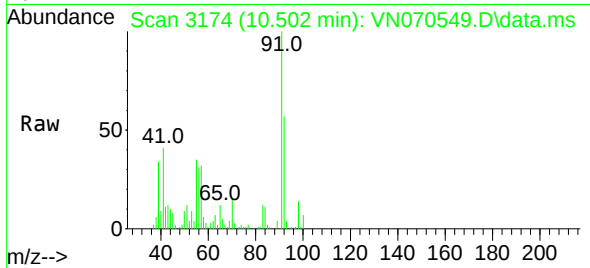




#52  
Toluene  
Concen: 0.698 ug/l  
RT: 10.502 min Scan# 3175  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

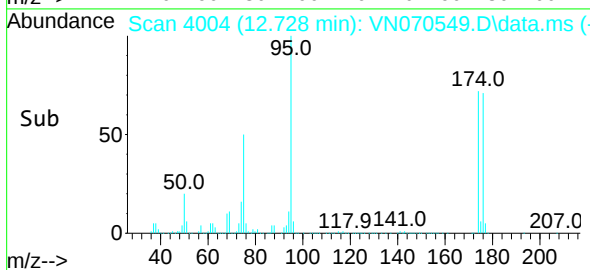
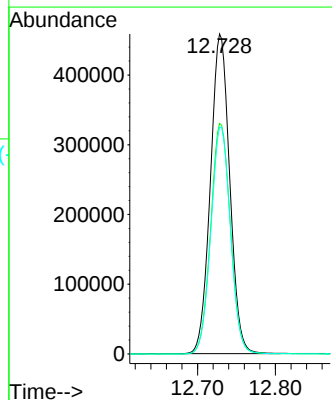
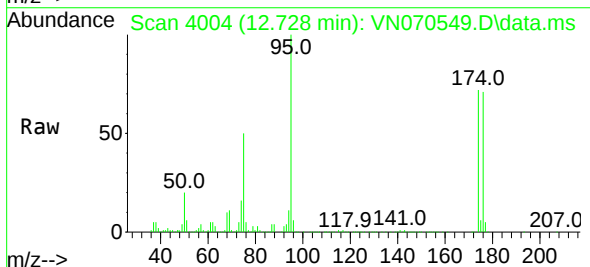
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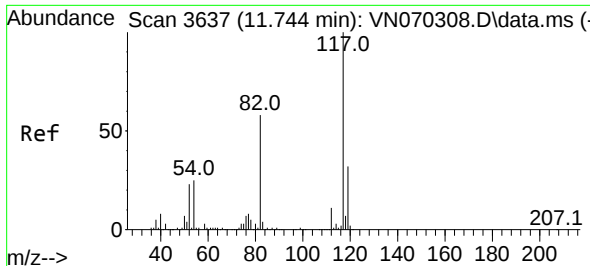
Tgt Ion: 92 Resp: 25514  
Ion Ratio Lower Upper  
92 100  
91 184.2 142.0 213.0



#62  
4-Bromofluorobenzene  
Concen: 44.896 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 95 Resp: 788818  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 187.2  
176 71.9 0.0 181.4

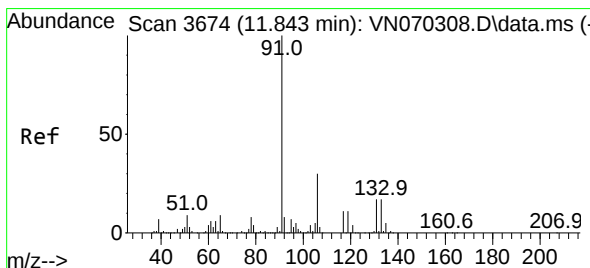
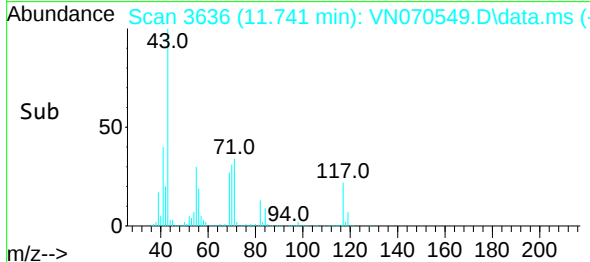
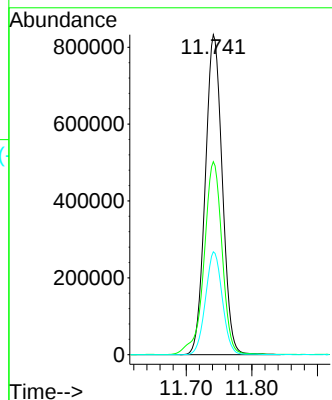
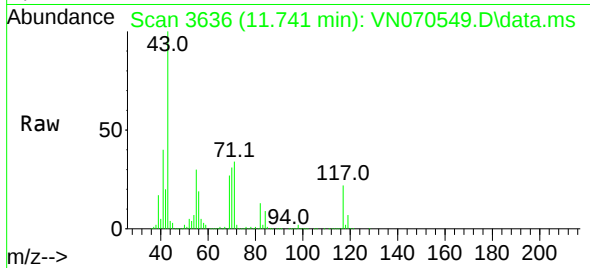




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.741 min Scan# 3637  
Delta R.T. -0.003 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

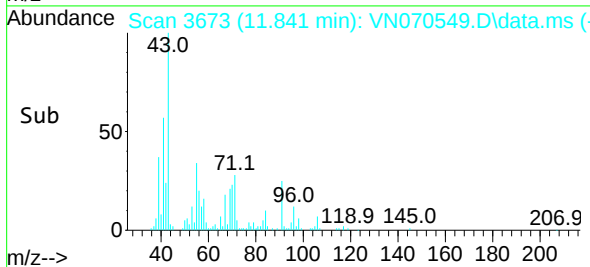
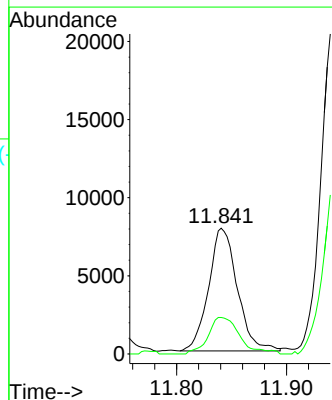
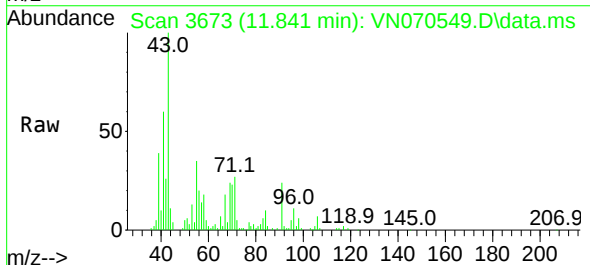
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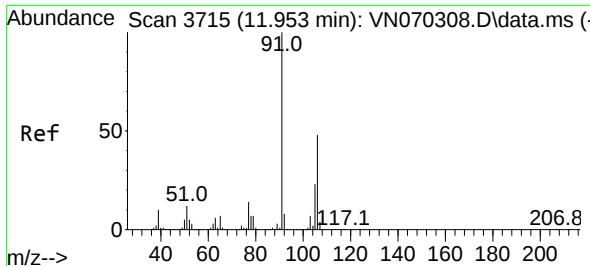
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Ion Ratio Lower Upper  
117 100  
82 60.2 42.4 63.6  
119 32.1 25.4 38.2



#67  
Ethyl Benzene  
Concen: 0.245 ug/l  
RT: 11.841 min Scan# 3673  
Delta R.T. -0.002 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion: 91 Resp: 14260  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.7 38.5

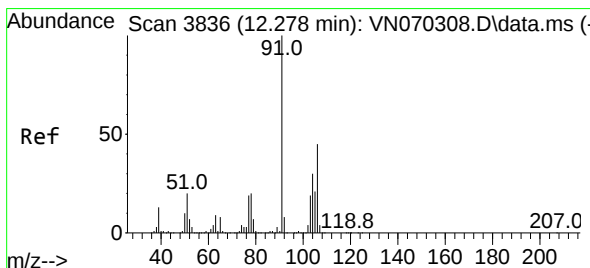
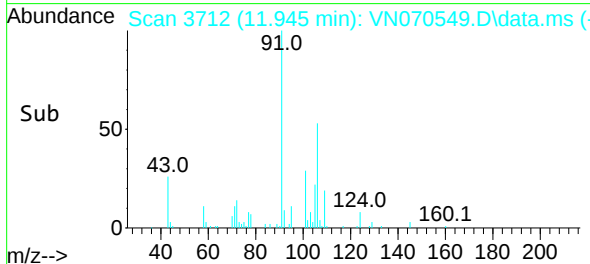
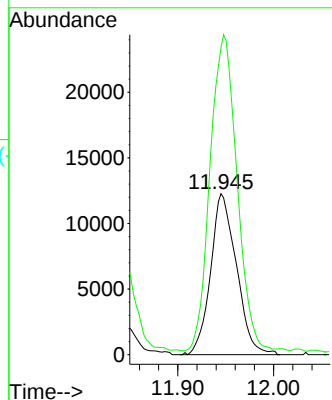
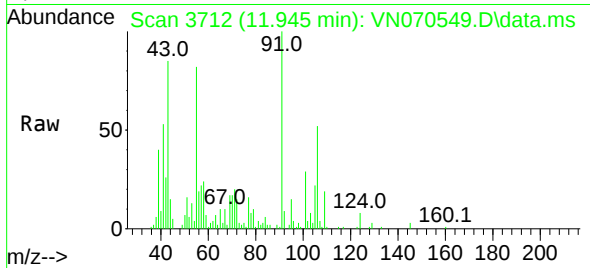




#68  
m/p-Xylenes  
Concen: 1.082 ug/l  
RT: 11.945 min Scan# 3712  
Delta R.T. -0.008 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

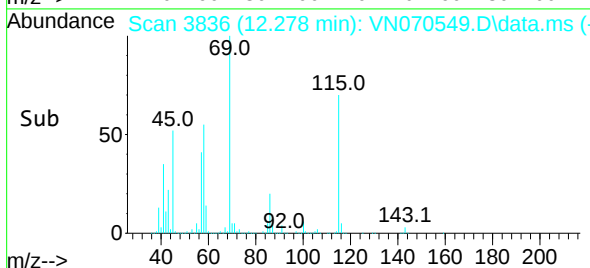
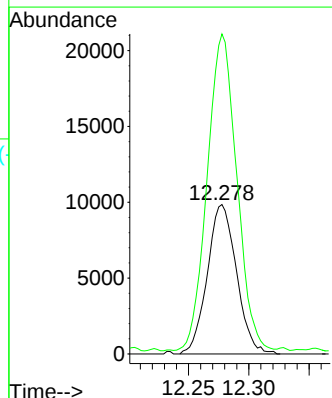
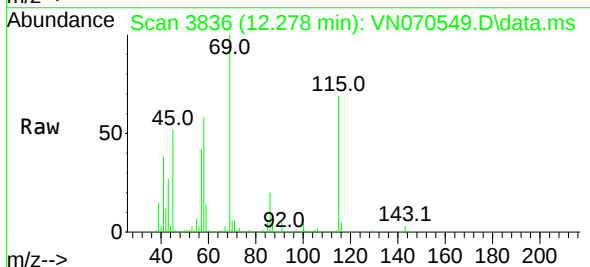
Instrument :  
MSVOA\_N  
ClientSampleId :  
20969

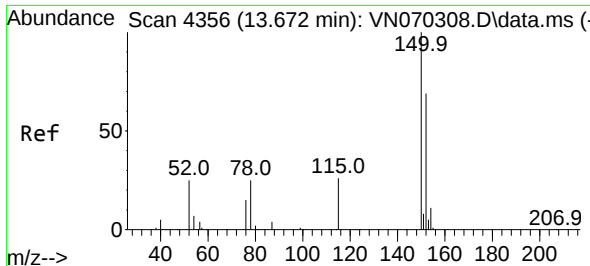
Tgt Ion:106 Resp: 22961  
Ion Ratio Lower Upper  
106 100  
91 203.9 160.6 240.8



#69  
o-Xylene  
Concen: 0.786 ug/l  
RT: 12.278 min Scan# 3836  
Delta R.T. -0.000 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion:106 Resp: 16587  
Ion Ratio Lower Upper  
106 100  
91 214.1 105.8 317.3

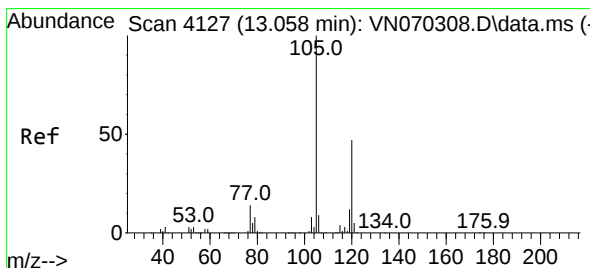
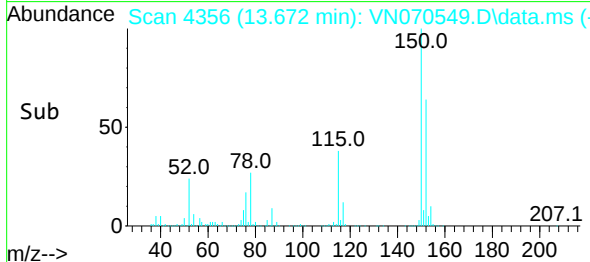
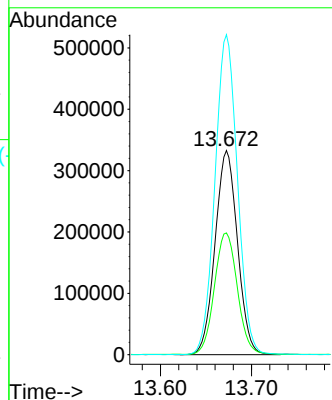
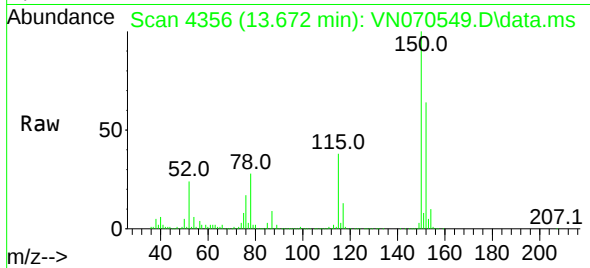




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.672 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VN070549.D  
 Acq: 10 Jan 2022 17:44

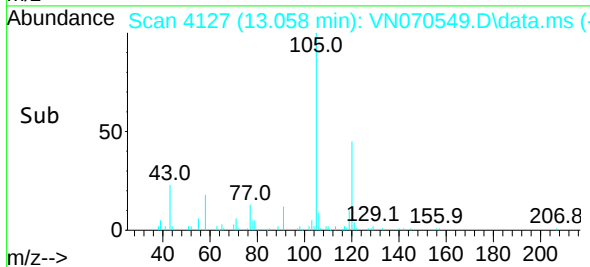
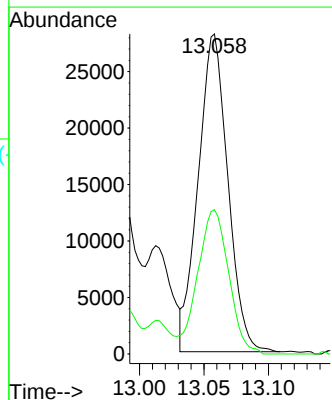
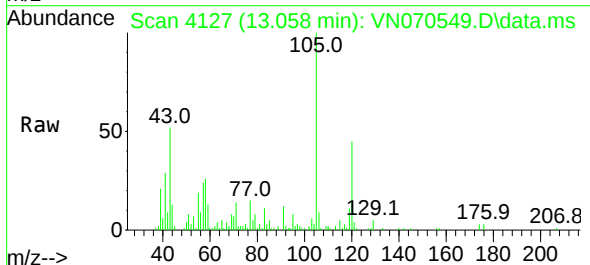
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 20969

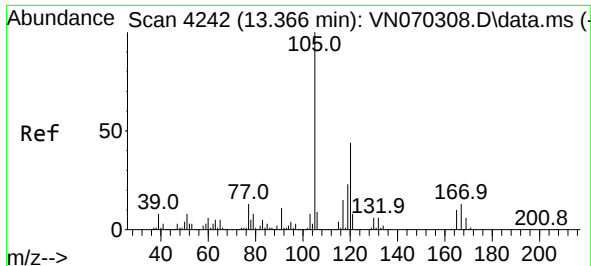
Tgt Ion:152 Resp: 568979  
 Ion Ratio Lower Upper  
 152 100  
 115 60.7 27.5 82.5  
 150 157.0 0.0 344.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.062 ug/l  
 RT: 13.058 min Scan# 4127  
 Delta R.T. 0.000 min  
 Lab File: VN070549.D  
 Acq: 10 Jan 2022 17:44

Tgt Ion:105 Resp: 44965  
 Ion Ratio Lower Upper  
 105 100  
 120 47.8 24.6 73.6

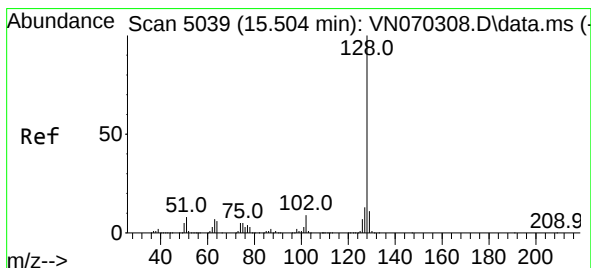
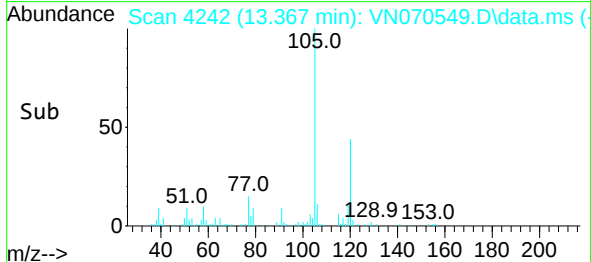
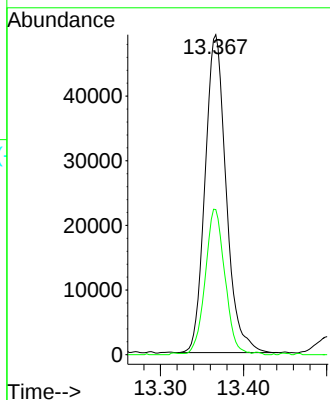
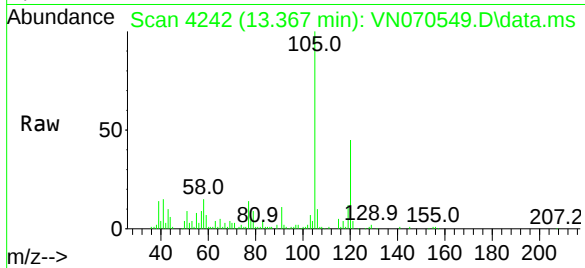




#84  
1,2,4-Trimethylbenzene  
Concen: 2.122 ug/l  
RT: 13.367 min Scan# 41  
Delta R.T. 0.001 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
20969

Tgt Ion:105 Resp: 86504  
Ion Ratio Lower Upper  
105 100  
120 41.8 22.8 68.4



#95  
Naphthalene  
Concen: 3.865 ug/l  
RT: 15.504 min Scan# 5039  
Delta R.T. 0.000 min  
Lab File: VN070549.D  
Acq: 10 Jan 2022 17:44

Tgt Ion:128 Resp: 55608  
Ion Ratio Lower Upper  
128 100  
127 14.2 10.5 15.7  
129 18.0 8.7 13.1#

