

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072048.D  
 Acq On : 19 Apr 2022 14:37  
 Operator : JC\MD  
 Sample : N2452-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-3

Quant Time: Apr 20 01:25:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

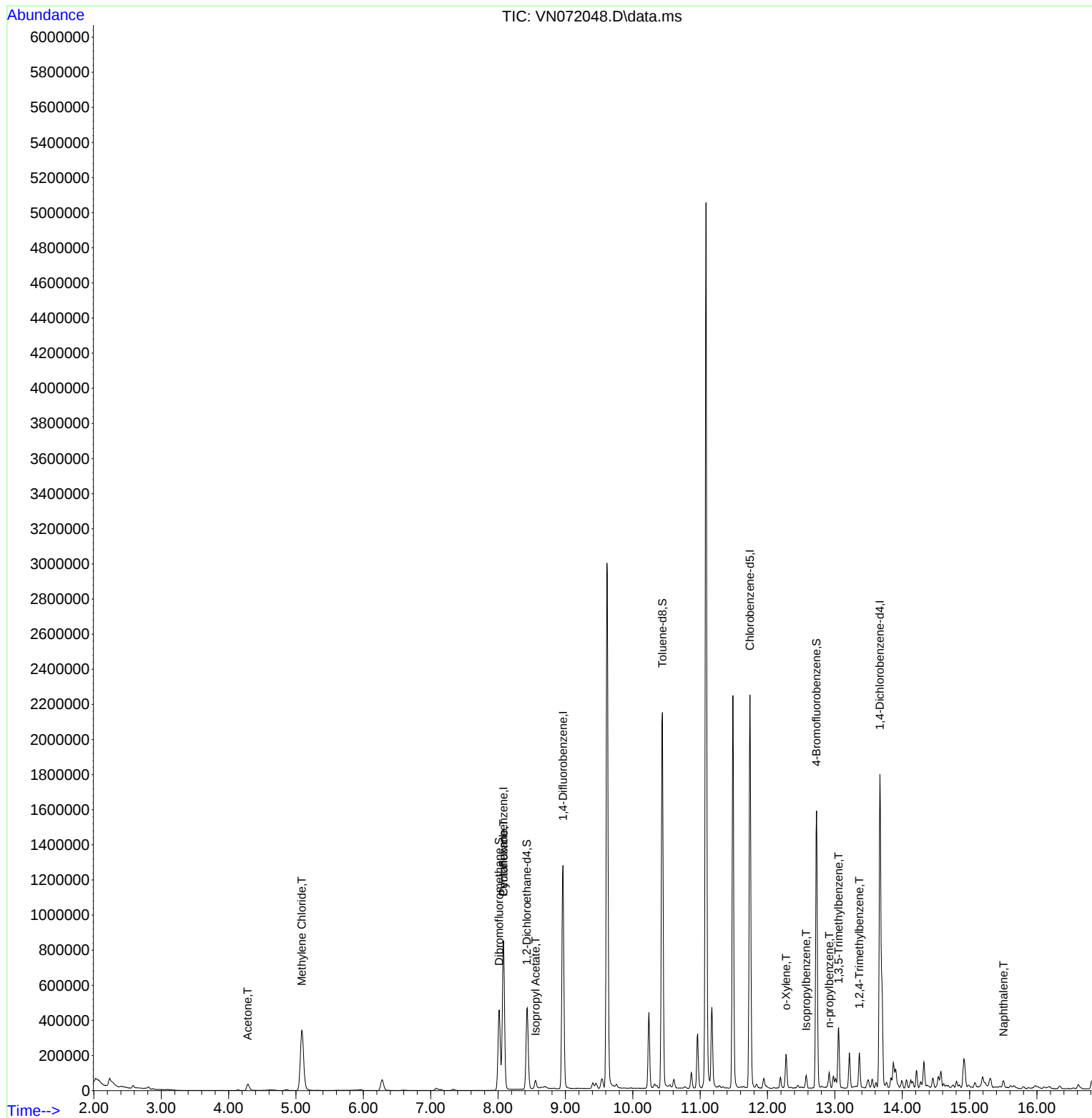
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.081          | 168  | 714890     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963          | 114  | 1195205    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739         | 117  | 1351599    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668         | 152  | 533109     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.428          | 65   | 379267     | 46.471   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 92.940%  |        |          |
| 35) Dibromofluoromethane    | 8.016          | 113  | 339952     | 48.336   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 96.680%  |        |          |
| 50) Toluene-d8              | 10.439         | 98   | 1570624    | 54.591   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 109.180% |        |          |
| 62) 4-Bromofluorobenzene    | 12.727         | 95   | 579557     | 62.285   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 124.580% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 4.281          | 43   | 61165      | 17.537   | ug/l   | 90       |
| 20) Methylene Chloride      | 5.087          | 84   | 322388     | 43.853   | ug/l   | 97       |
| 31) Cyclohexane             | 8.081          | 56   | 15372      | 1.385    | ug/l # | 7        |
| 43) Isopropyl Acetate       | 8.557          | 43   | 53416      | 2.987    | ug/l # | 91       |
| 69) o-Xylene                | 12.274         | 106  | 55370      | 3.169    | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.574         | 105  | 48076      | 1.070    | ug/l   | 100      |
| 78) n-propylbenzene         | 12.915         | 91   | 69046      | 1.461    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 13.057         | 105  | 191014     | 5.367    | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.363         | 105  | 116128     | 3.344    | ug/l   | 99       |
| 95) Naphthalene             | 15.504         | 128  | 42017      | 5.402    | ug/l   | 98       |
| -----                       |                |      |            |          |        |          |

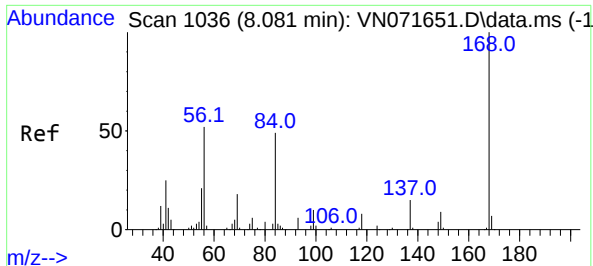
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
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Sample : N2452-06  
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ALS Vial : 10 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :  
WC-15-1-3

Quant Time: Apr 20 01:25:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
Response via : Initial Calibration

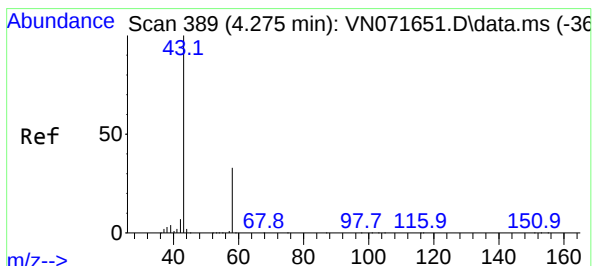
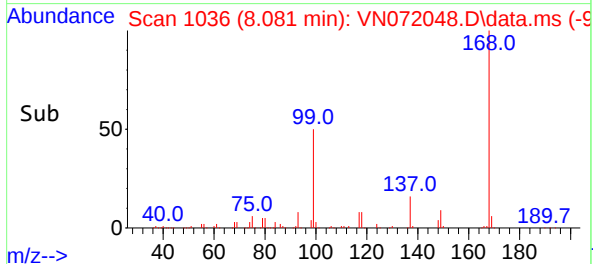
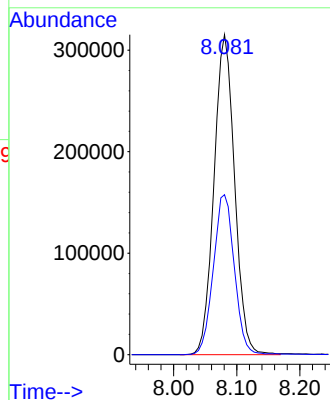
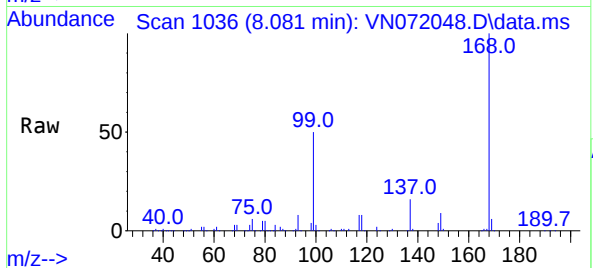




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

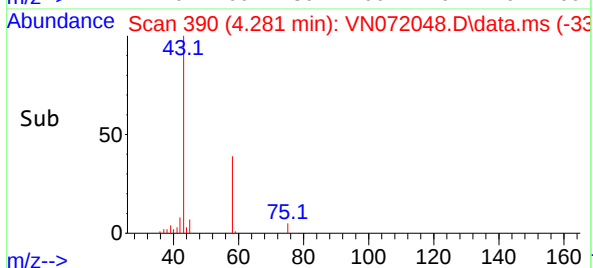
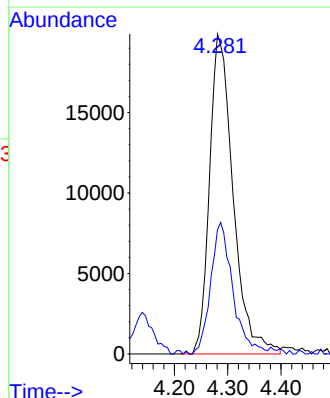
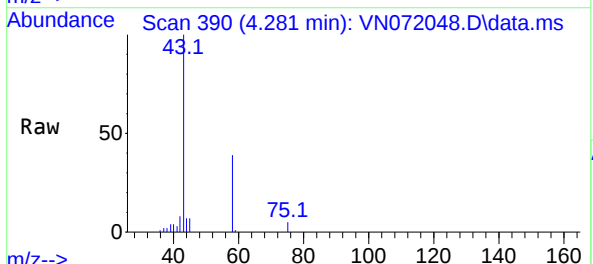
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3

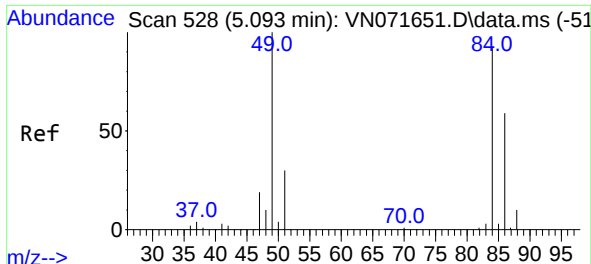
Tgt Ion:168 Resp: 714890  
Ion Ratio Lower Upper  
168 100  
99 50.0 42.3 63.5



#16  
Acetone  
Concen: 17.537 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion: 43 Resp: 61165  
Ion Ratio Lower Upper  
43 100  
58 37.9 26.0 39.0



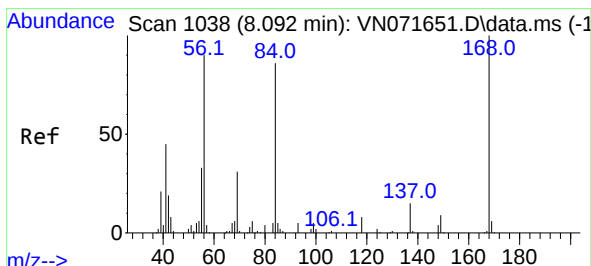
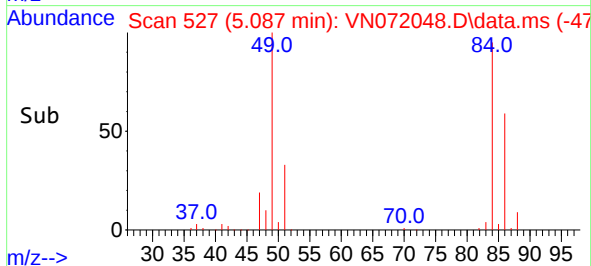
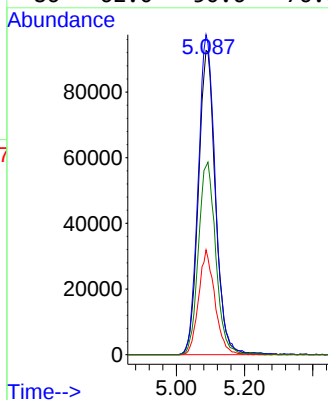
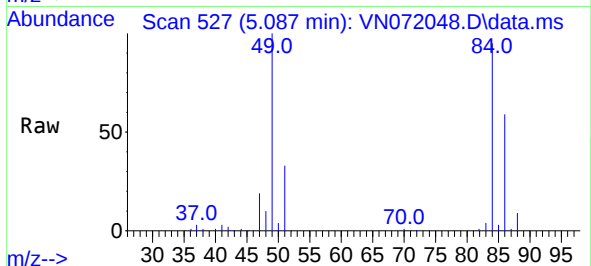


#20  
Methylene Chloride  
Concen: 43.853 ug/l  
RT: 5.087 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Instrument :  
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WC-15-1-3

Tgt Ion: 84 Resp: 322388

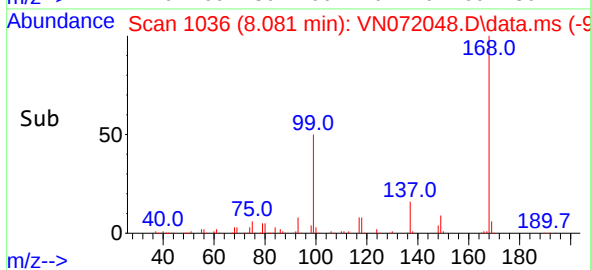
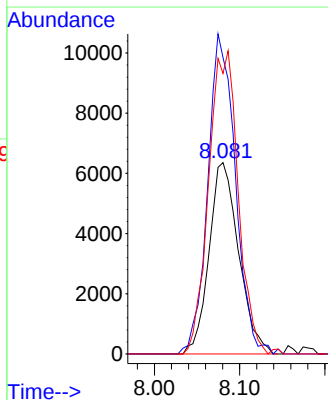
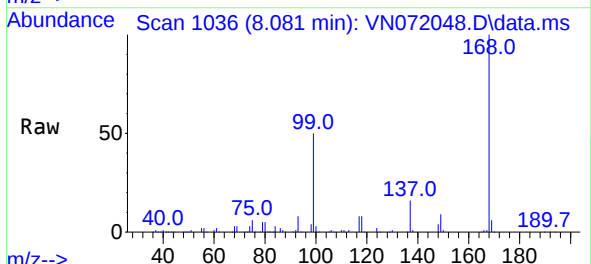
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 105.2 | 88.3  | 132.5 |
| 51  | 34.4  | 28.2  | 42.2  |
| 86  | 62.0  | 50.6  | 76.0  |

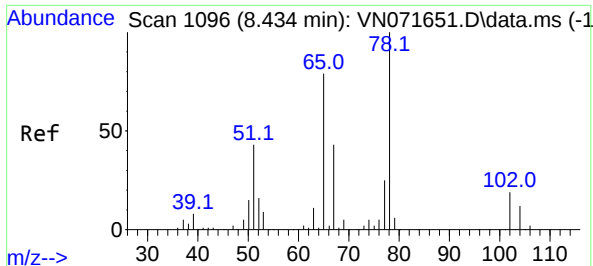


#31  
Cyclohexane  
Concen: 1.385 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.011 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion: 56 Resp: 15372

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 56  | 100   |       |        |
| 69  | 155.0 | 27.8  | 41.8#  |
| 84  | 146.5 | 76.9  | 115.3# |

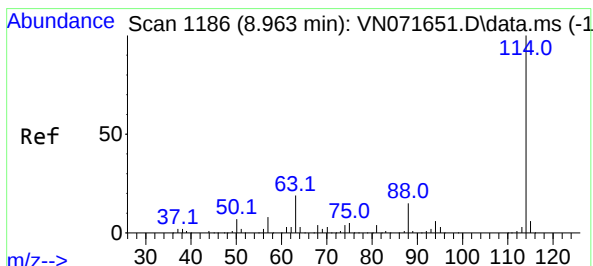
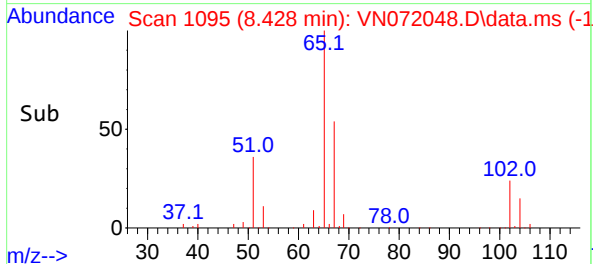
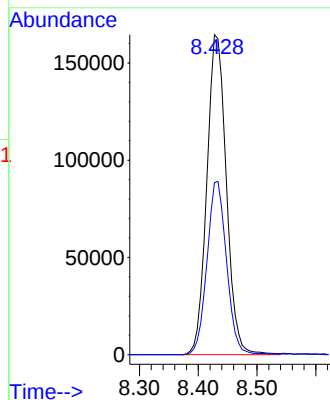
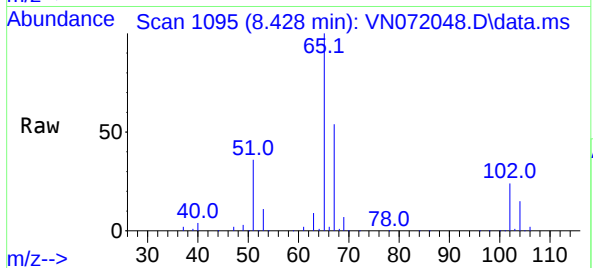




#33  
1,2-Dichloroethane-d4  
Concen: 46.471 ug/l  
RT: 8.428 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

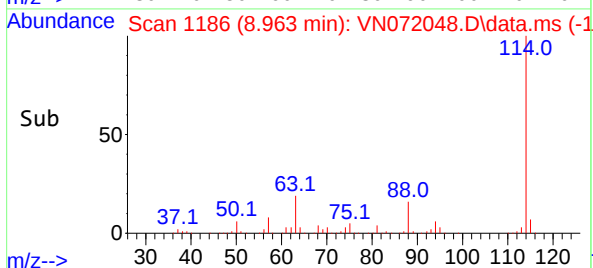
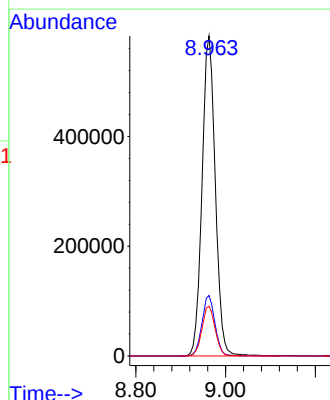
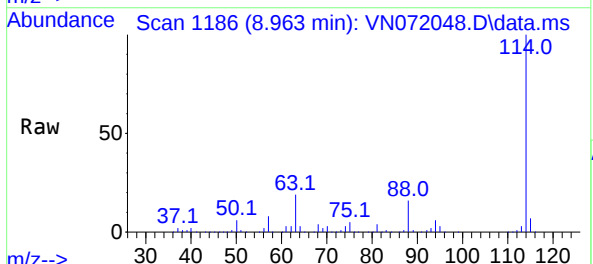
Instrument :  
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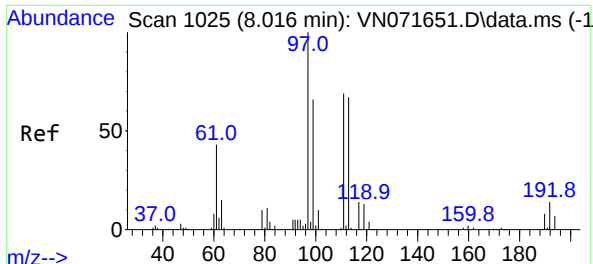
Tgt Ion: 65 Resp: 379267  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion:114 Resp: 1195205  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 40.0  
88 15.6 0.0 32.6

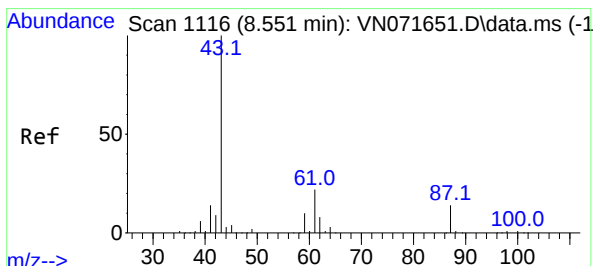
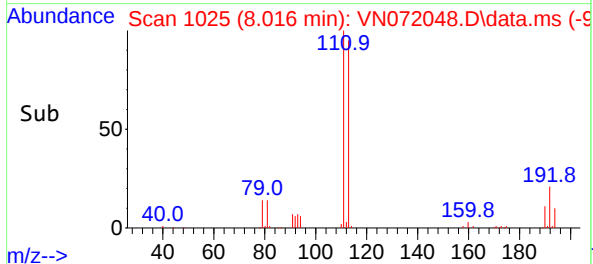
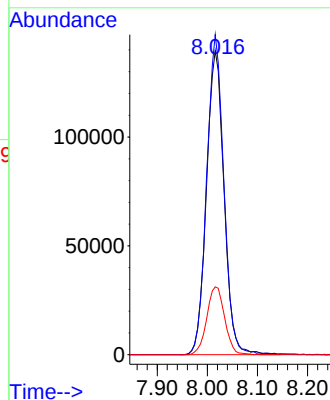
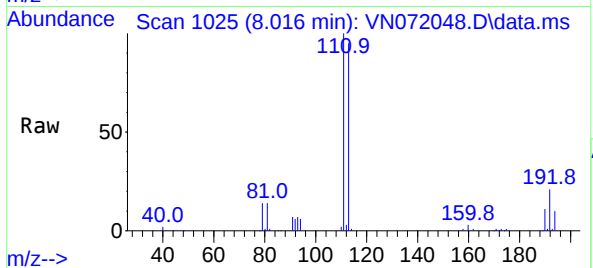




#35  
Dibromofluoromethane  
Concen: 48.336 ug/l  
RT: 8.016 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

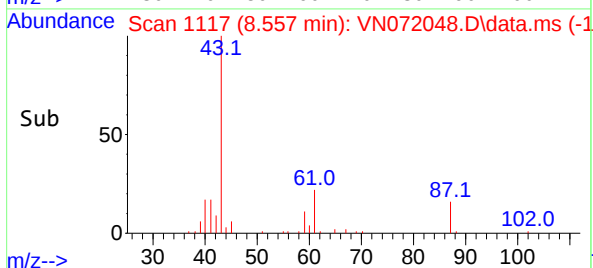
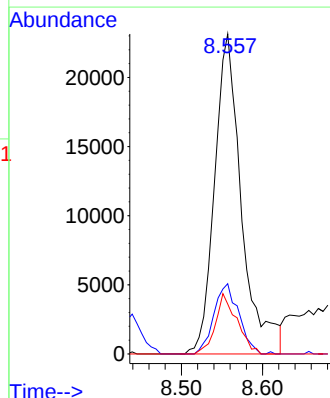
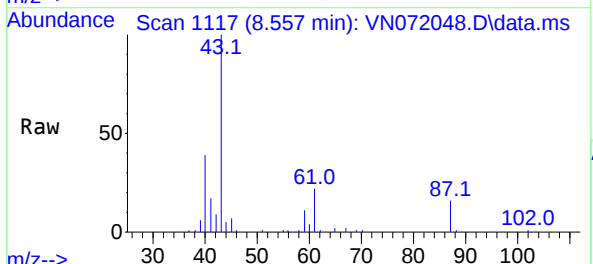
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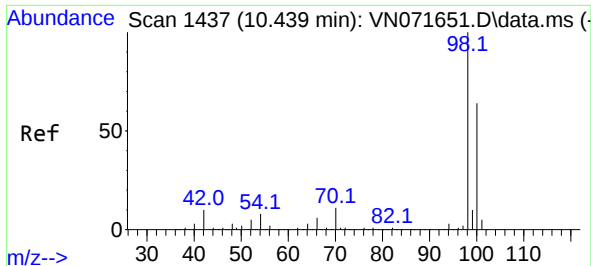
Tgt Ion:113 Resp: 339952  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.0  
192 22.7 17.0 25.6



#43  
Isopropyl Acetate  
Concen: 2.987 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion: 43 Resp: 53416  
Ion Ratio Lower Upper  
43 100  
61 20.2 21.9 32.9#  
87 15.1 12.0 18.0

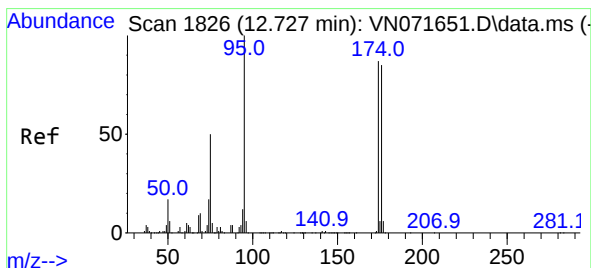
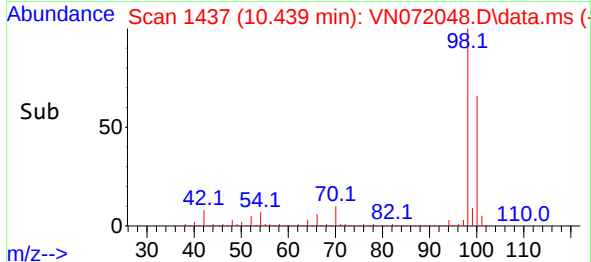
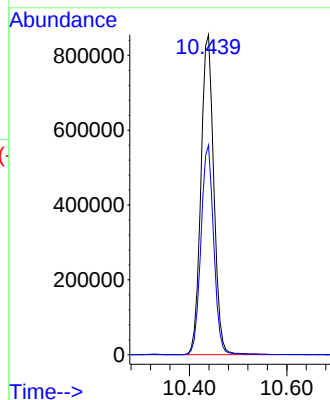
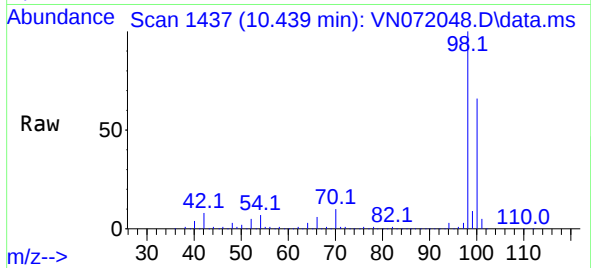




#50  
Toluene-d8  
Concen: 54.591 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

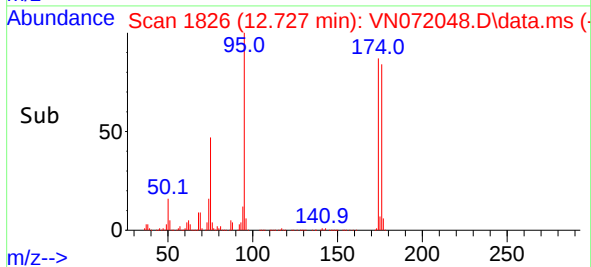
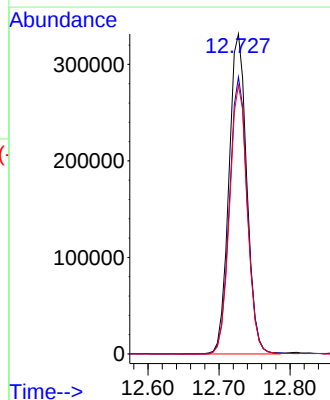
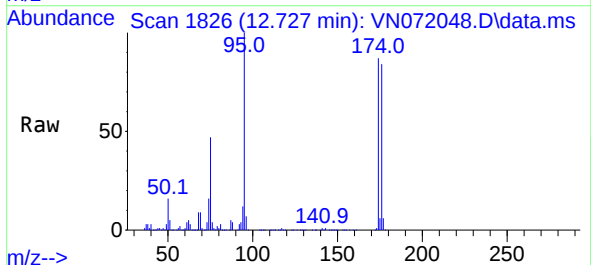
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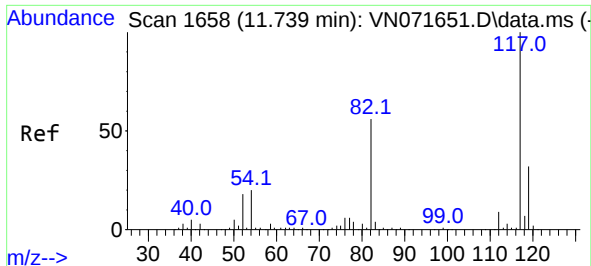
Tgt Ion: 98 Resp: 1570624  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 62.285 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion: 95 Resp: 579557  
Ion Ratio Lower Upper  
95 100  
174 86.2 0.0 167.6  
176 83.3 0.0 163.4

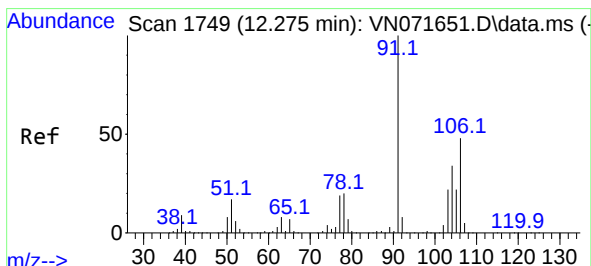
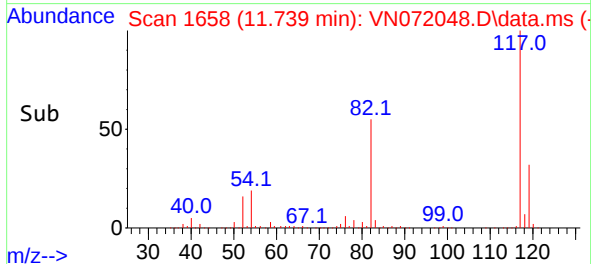
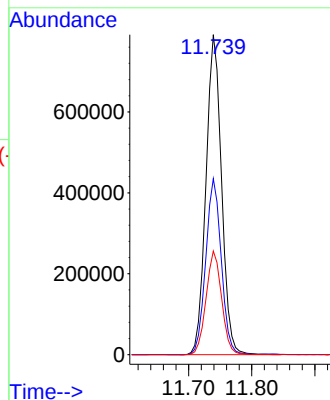
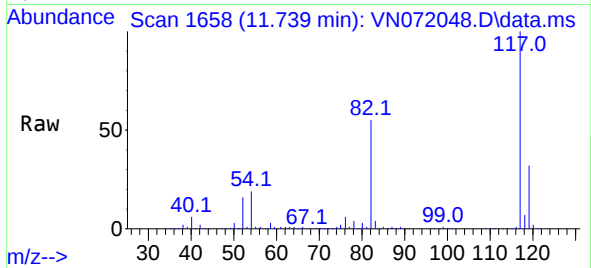




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

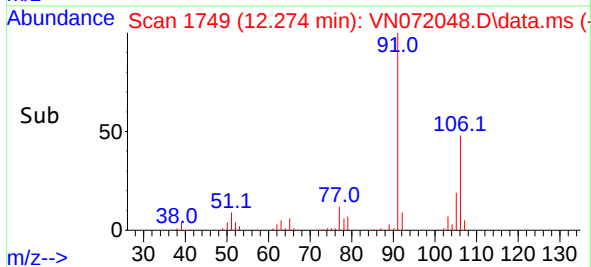
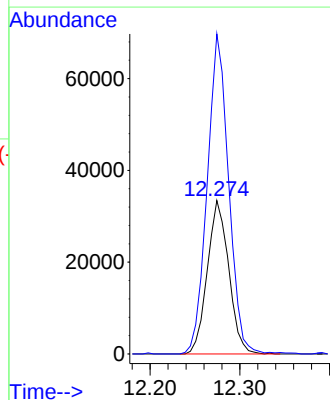
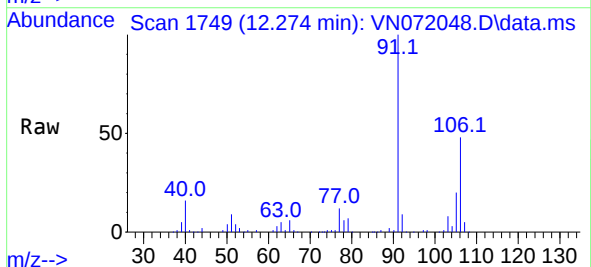
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MSVOA\_N  
ClientSampleId :  
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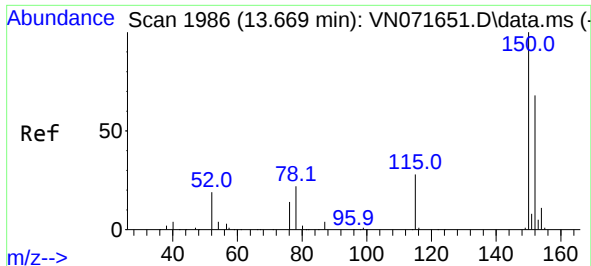
Tgt Ion:117 Resp: 1351599  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.2 66.2  
119 32.4 25.4 38.0



#69  
o-Xylene  
Concen: 3.169 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion:106 Resp: 55370  
Ion Ratio Lower Upper  
106 100  
91 209.4 106.0 318.0

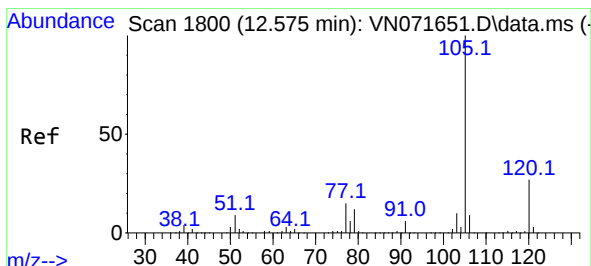
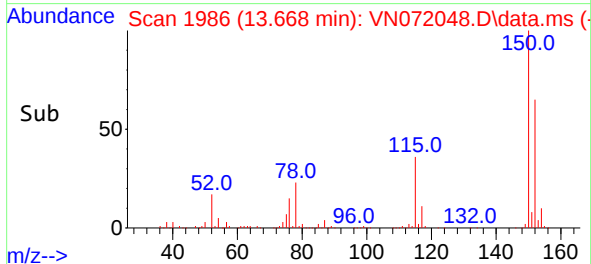
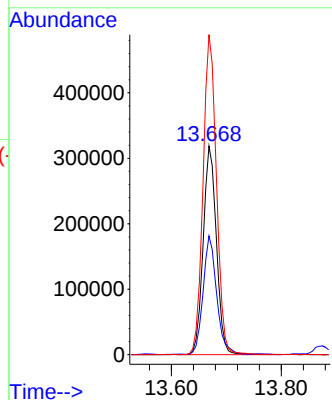
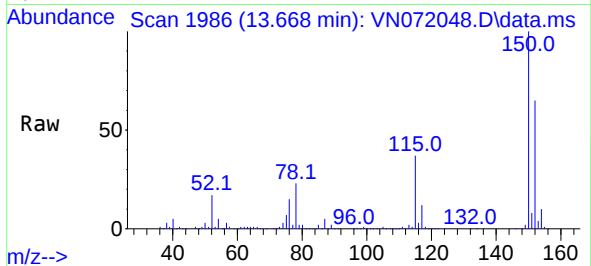




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

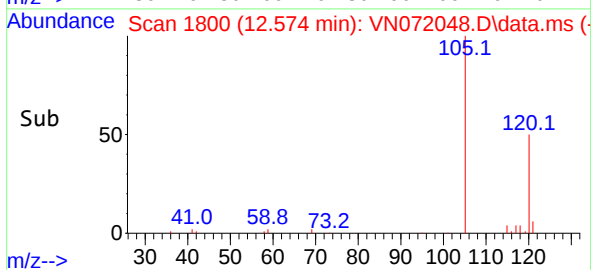
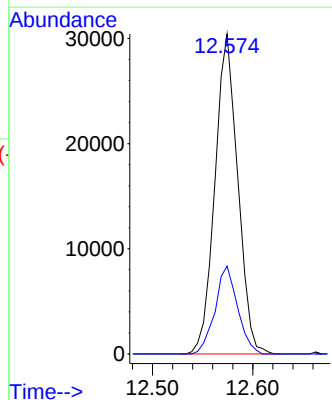
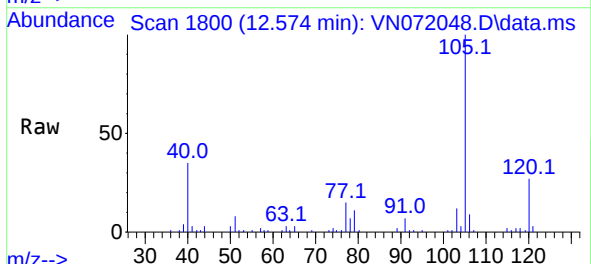
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3

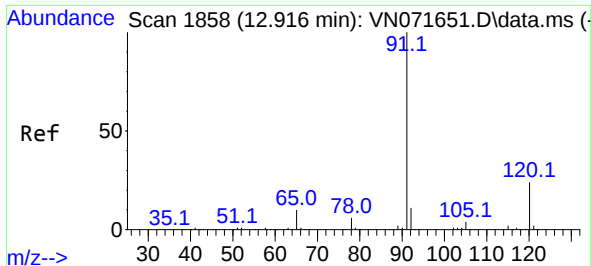
Tgt Ion:152 Resp: 533109  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.9 86.7  
150 155.0 0.0 356.2



#73  
Isopropylbenzene  
Concen: 1.070 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.001 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion:105 Resp: 48076  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4

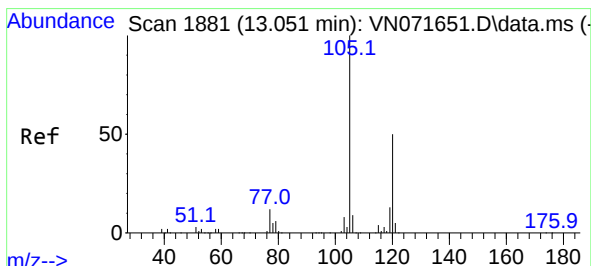
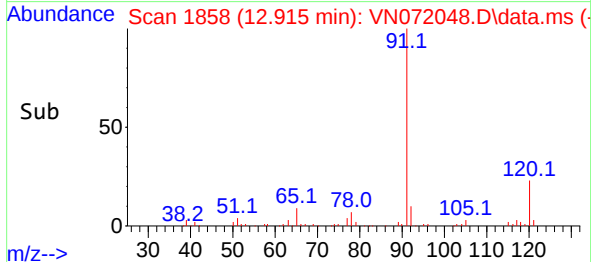
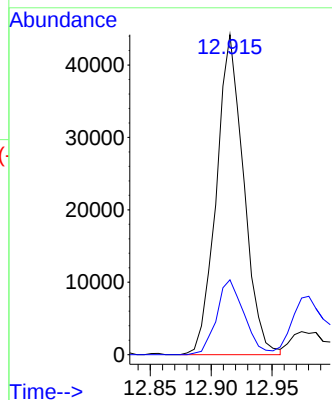
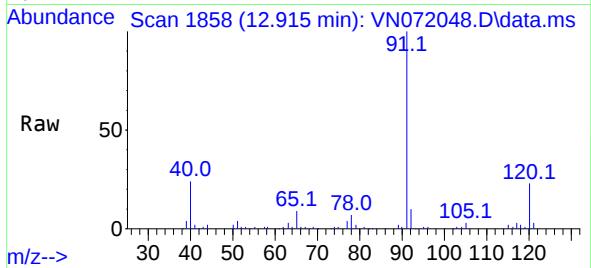




#78  
n-propylbenzene  
Concen: 1.461 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

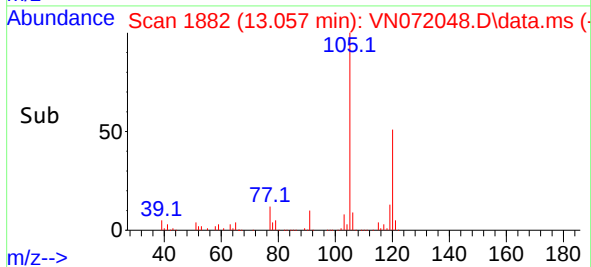
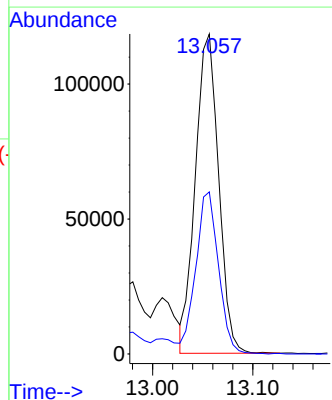
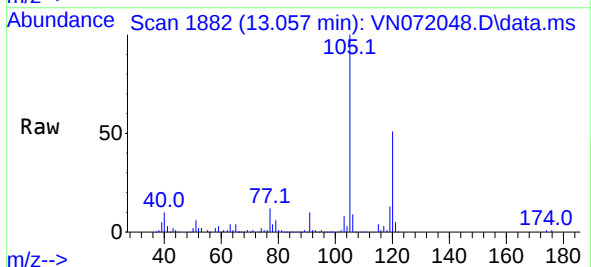
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3

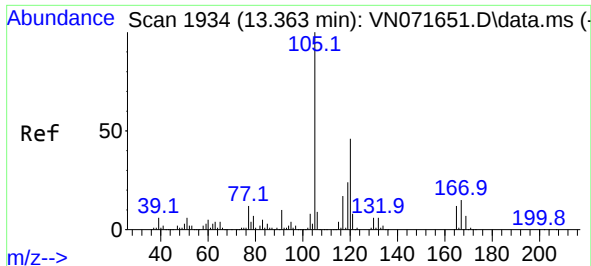
Tgt Ion: 91 Resp: 69046  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.5



#80  
1,3,5-Trimethylbenzene  
Concen: 5.367 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion:105 Resp: 191014  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.9 74.7

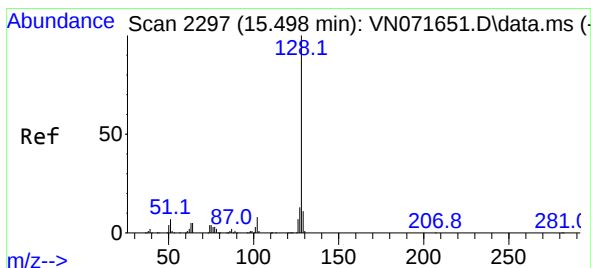
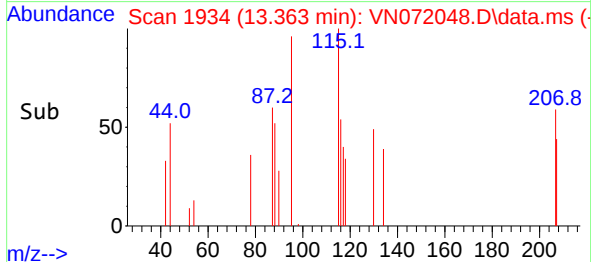
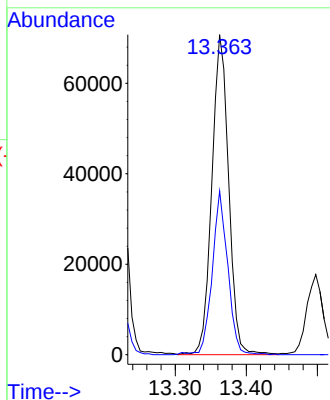
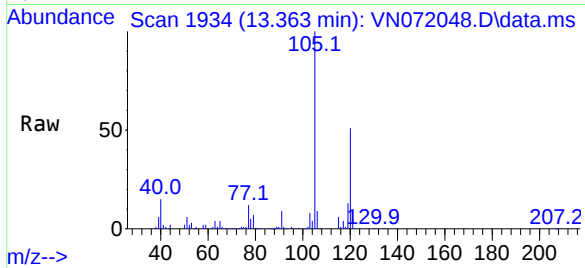




#84  
1,2,4-Trimethylbenzene  
Concen: 3.344 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-3

Tgt Ion:105 Resp: 116128  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.3 69.8



#95  
Naphthalene  
Concen: 5.402 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN072048.D  
Acq: 19 Apr 2022 14:37

Tgt Ion:128 Resp: 42017  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 12.1 8.6 13.0

