

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062222\  
 Data File : VN073033.D  
 Acq On : 22 Jun 2022 18:31  
 Operator : JC\MD  
 Sample : N3381-06 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-7

Quant Time: Jun 23 07:33:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

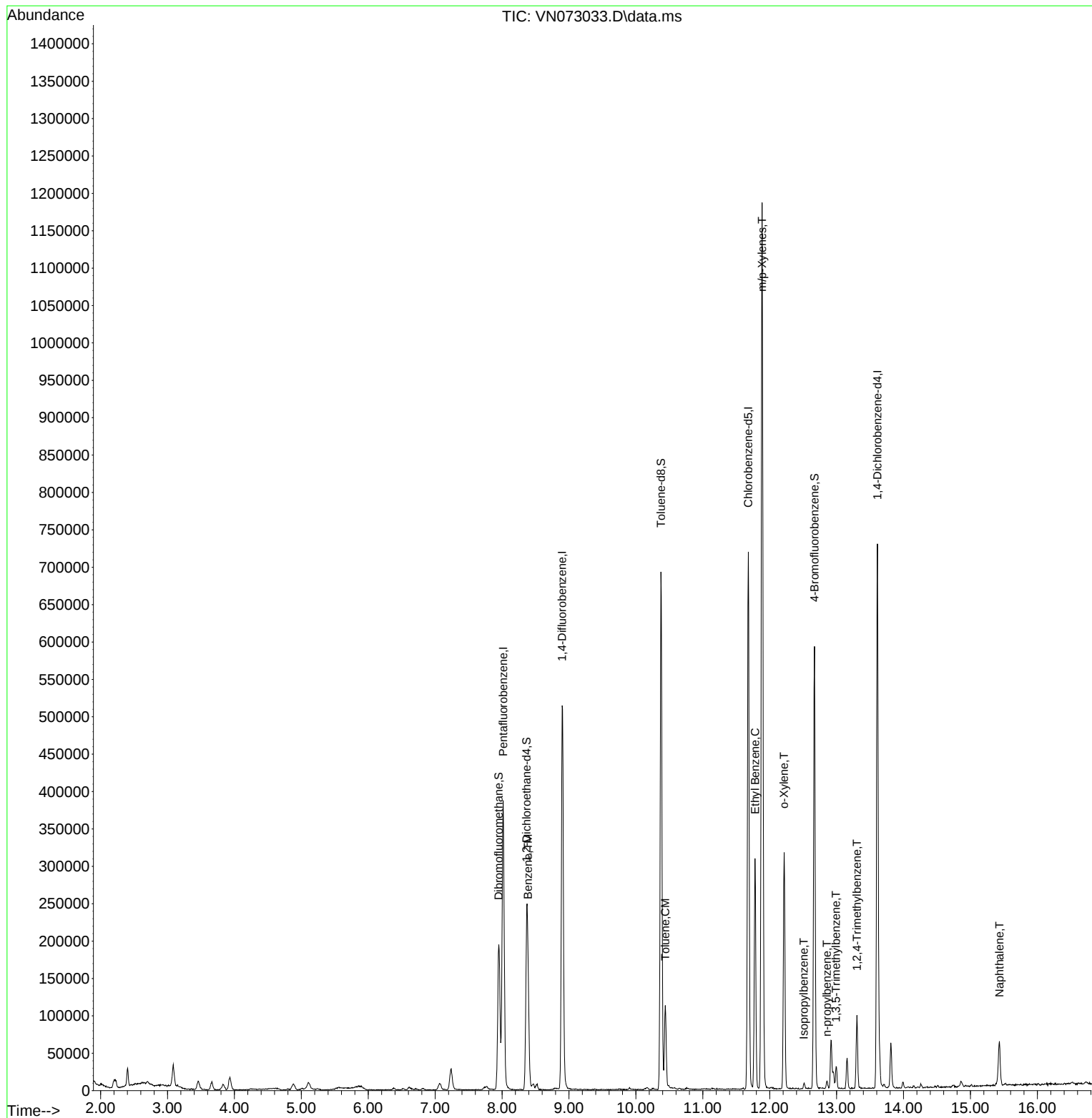
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 283868   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.898  | 114   | 459783   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 411882   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 195091   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 174968   | 45.590   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 91.180%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 146333   | 51.492   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.980% |
| 50) Toluene-d8              | 10.374 | 98    | 475402   | 44.957   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 89.920%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 201496   | 52.990   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.980% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 40) Benzene                 | 8.386  | 78    | 84325    | 6.978    | ug/l   | 98       |
| 52) Toluene                 | 10.439 | 92    | 47657    | 6.423    | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.780 | 91    | 217940   | 15.391   | ug/l   | 99       |
| 68) m/p-Xylenes             | 11.886 | 106   | 373408   | 67.235   | ug/l   | 97       |
| 69) o-Xylene                | 12.216 | 106   | 87688    | 15.801   | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.510 | 105   | 5129     | 0.340    | ug/l   | 88       |
| 78) n-propylbenzene         | 12.857 | 91    | 8700     | 0.524    | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 12.992 | 105   | 14540    | 1.173    | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.304 | 105   | 53158    | 4.305    | ug/l   | 98       |
| 95) Naphthalene             | 15.433 | 128   | 56924    | 3.777    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

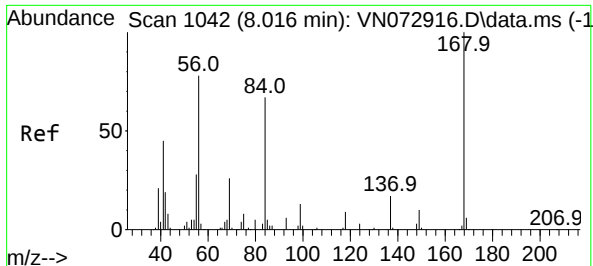
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Jun 23 07:33:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
Response via : Initial Calibration

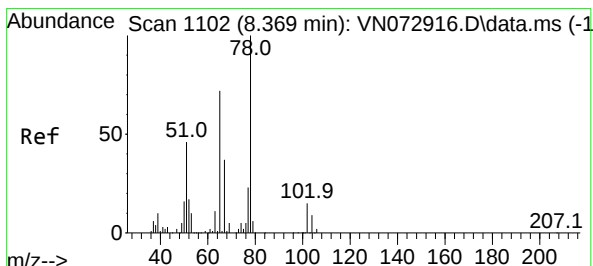
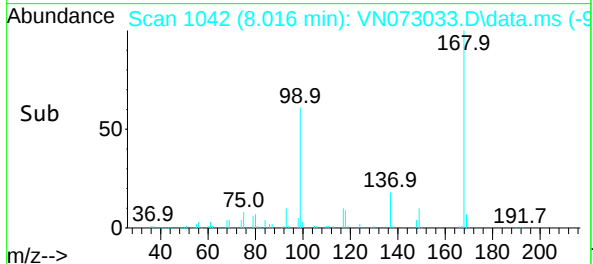
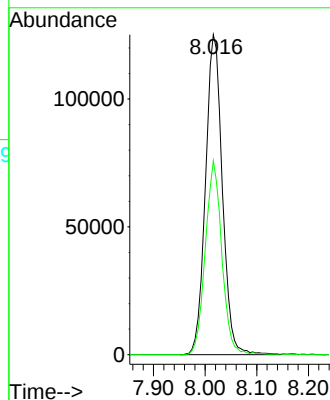
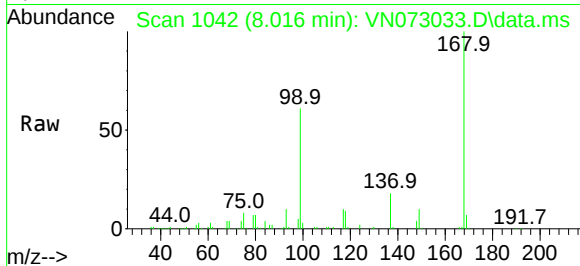




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

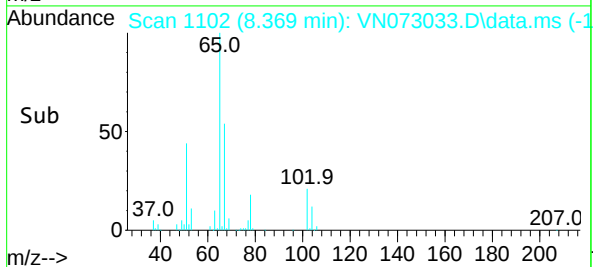
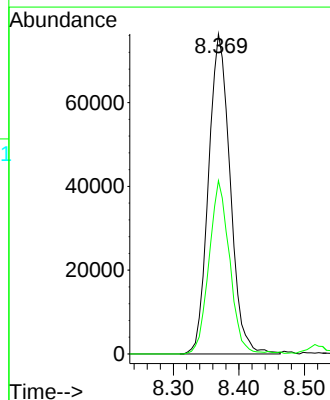
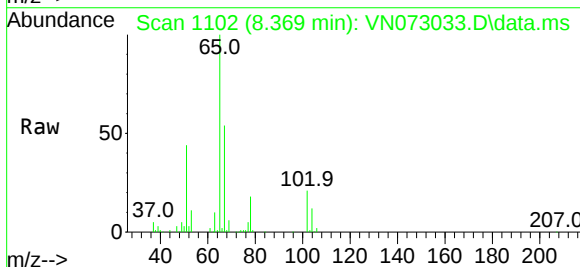
Instrument :  
MSVOA\_N  
ClientSampleId :  
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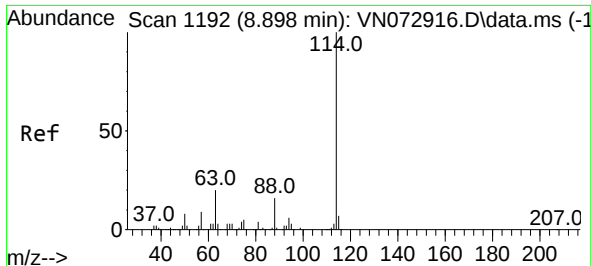
Tgt Ion:168 Resp: 283868  
Ion Ratio Lower Upper  
168 100  
99 60.5 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 45.590 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion: 65 Resp: 174968  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.8

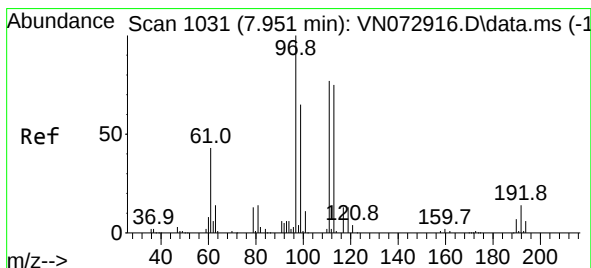
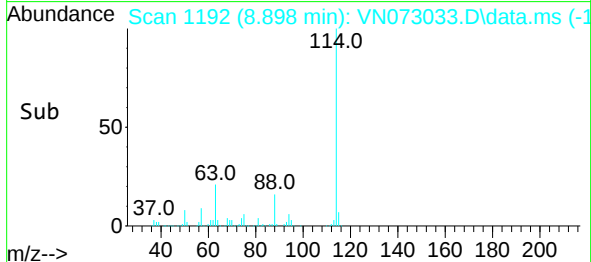
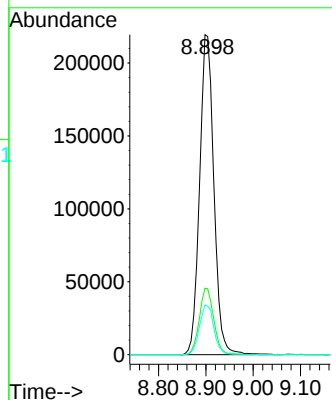
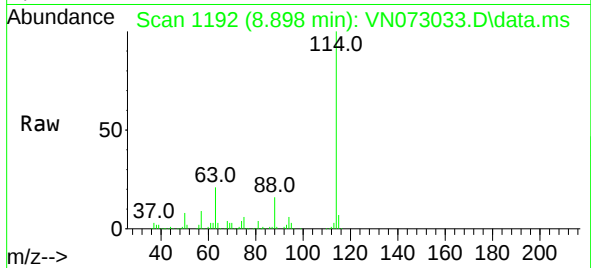




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.898 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

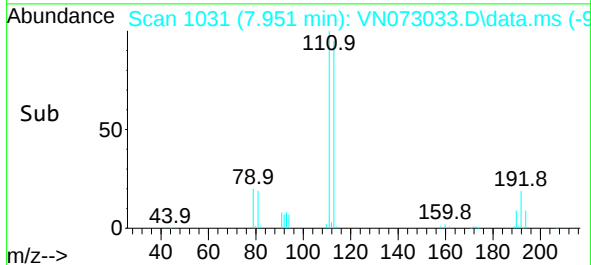
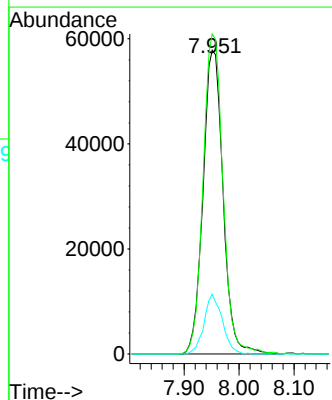
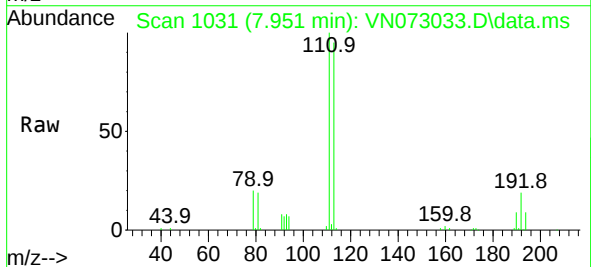
Instrument :  
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ClientSampleId :  
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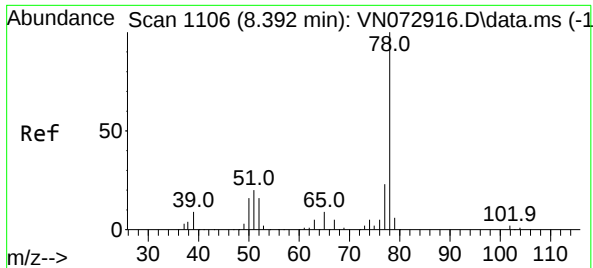
Tgt Ion:114 Resp: 459783  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.0  
88 15.6 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 51.492 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion:113 Resp: 146333  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.4 122.0  
192 18.0 17.0 25.6

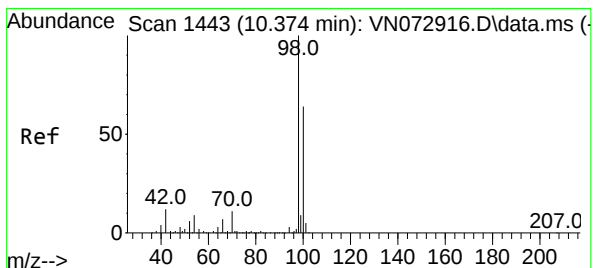
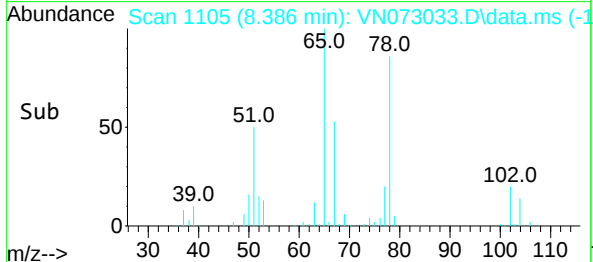
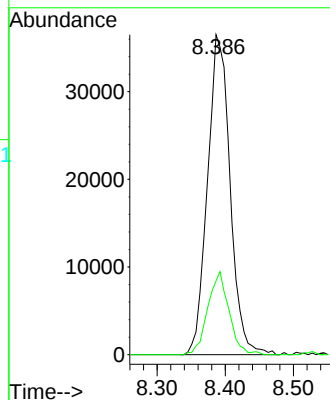
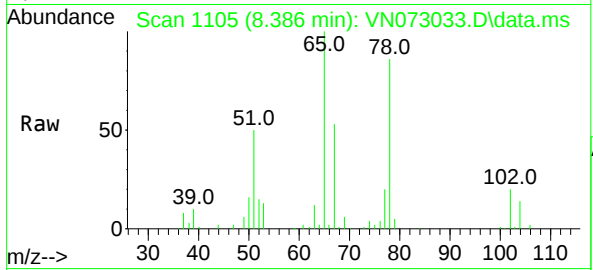




#40  
Benzene  
Concen: 6.978 ug/l  
RT: 8.386 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

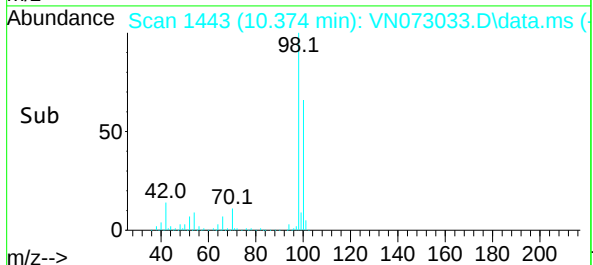
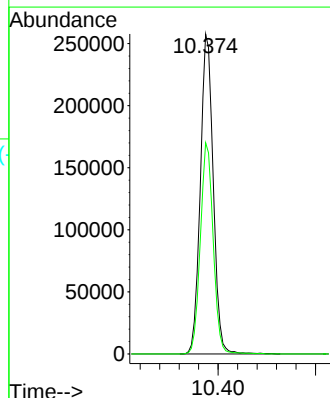
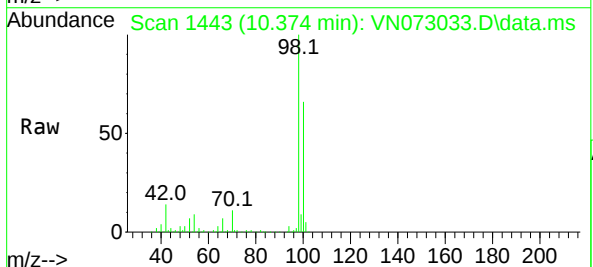
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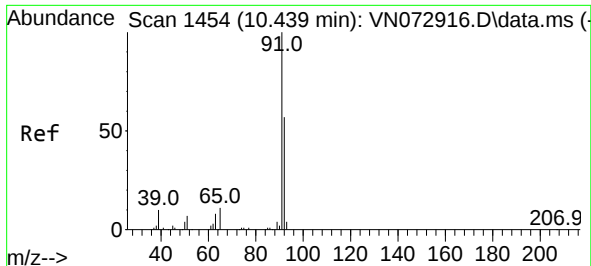
Tgt Ion: 78 Resp: 84325  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.4 29.0



#50  
Toluene-d8  
Concen: 44.957 ug/l  
RT: 10.374 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion: 98 Resp: 475402  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8

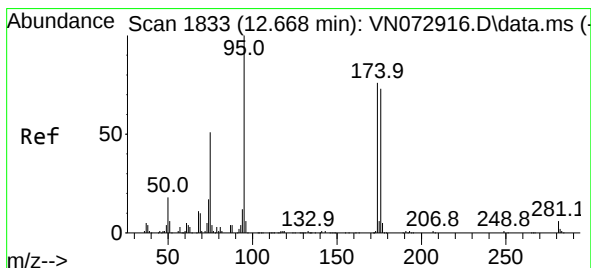
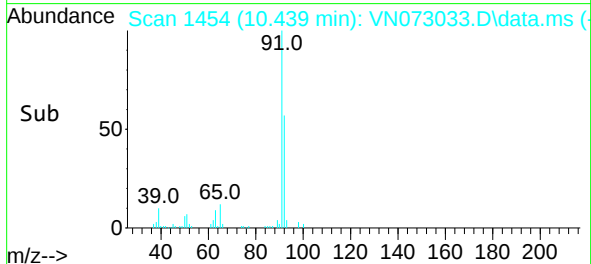
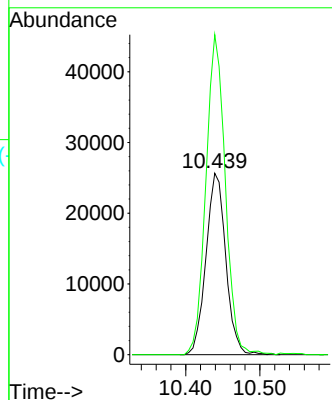
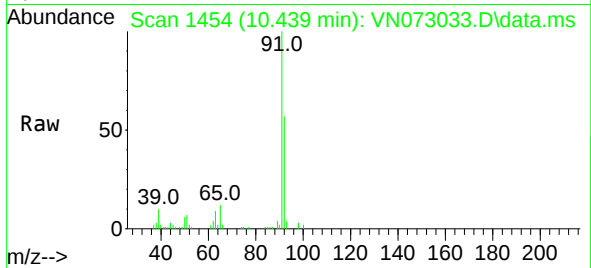




#52  
Toluene  
Concen: 6.423 ug/l  
RT: 10.439 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

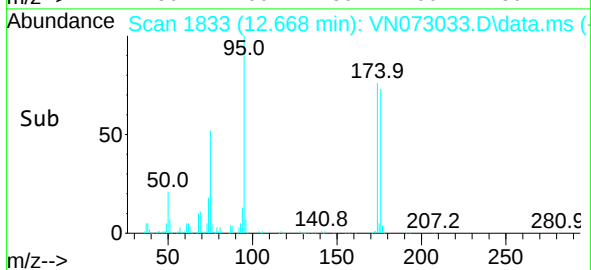
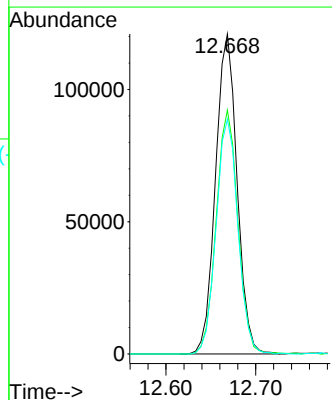
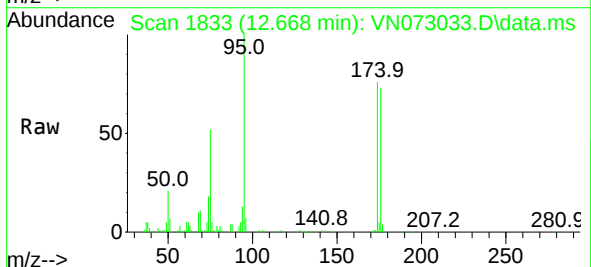
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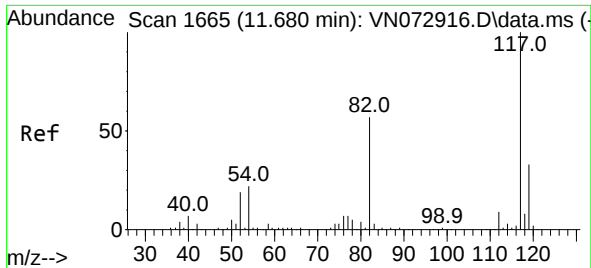
Tgt Ion: 92 Resp: 47657  
Ion Ratio Lower Upper  
92 100  
91 172.8 138.6 207.8



#62  
4-Bromofluorobenzene  
Concen: 52.990 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion: 95 Resp: 201496  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 167.6  
176 74.2 0.0 163.4

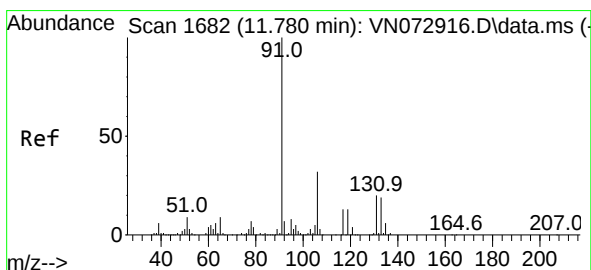
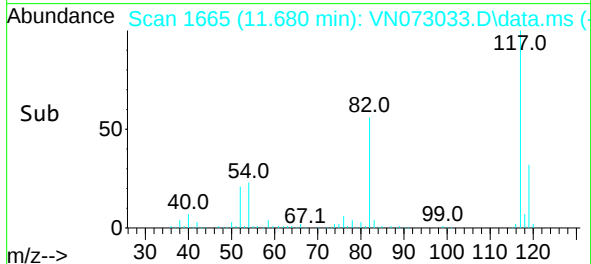
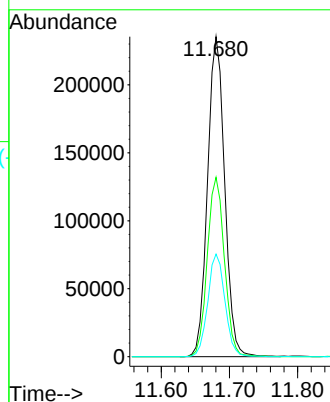
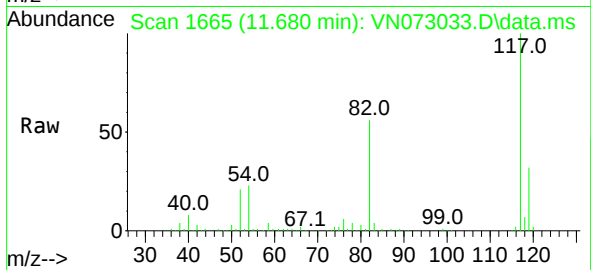




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

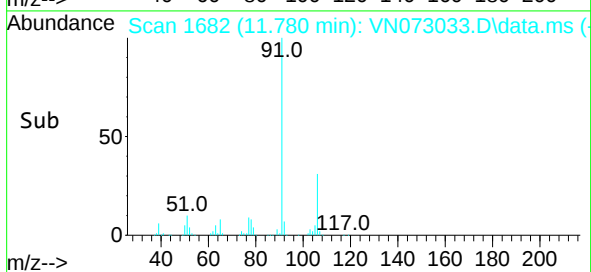
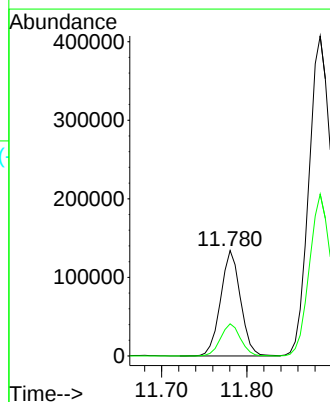
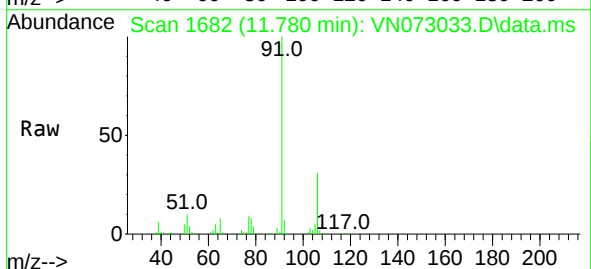
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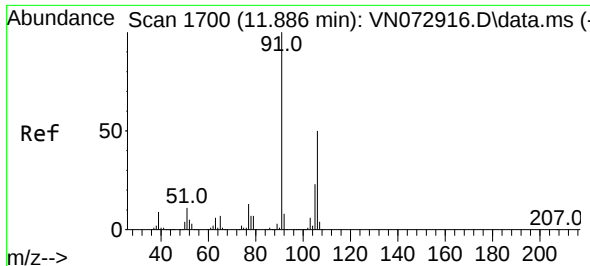
Tgt Ion:117 Resp: 411882  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.2 66.2  
119 32.0 25.4 38.0



#67  
Ethyl Benzene  
Concen: 15.391 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion: 91 Resp: 217940  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.9 37.3

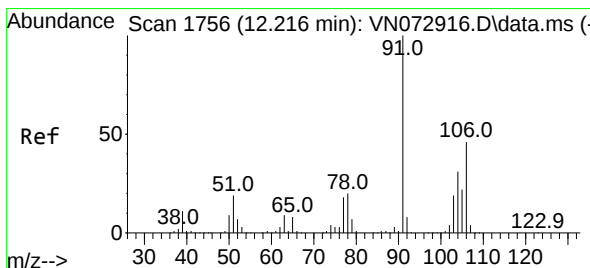
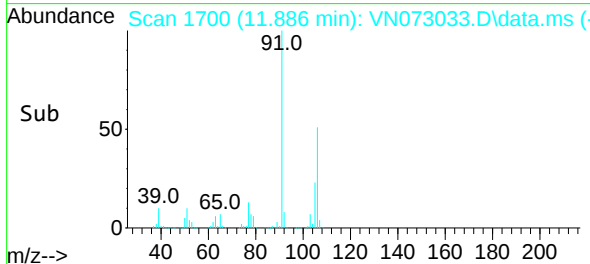
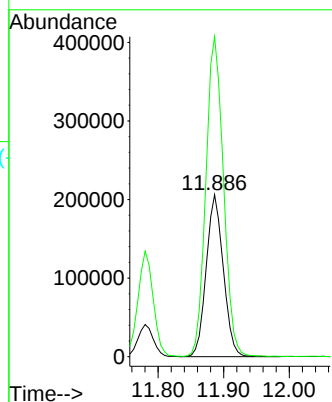
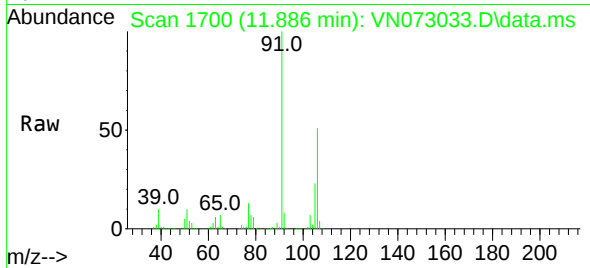




#68  
m/p-Xylenes  
Concen: 67.235 ug/l  
RT: 11.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

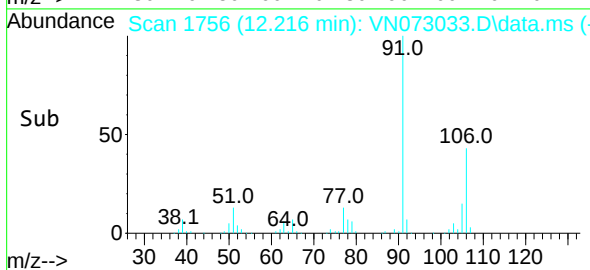
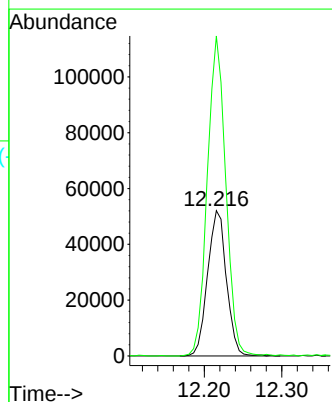
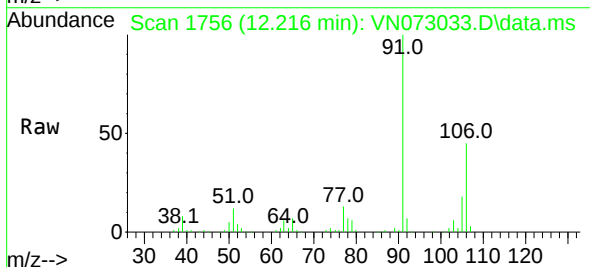
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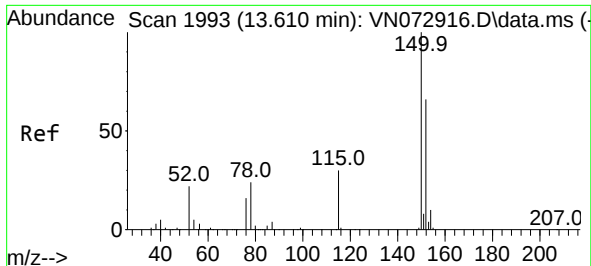
Tgt Ion:106 Resp: 373408  
Ion Ratio Lower Upper  
106 100  
91 203.6 158.9 238.3



#69  
o-Xylene  
Concen: 15.801 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion:106 Resp: 87688  
Ion Ratio Lower Upper  
106 100  
91 215.5 106.0 318.0

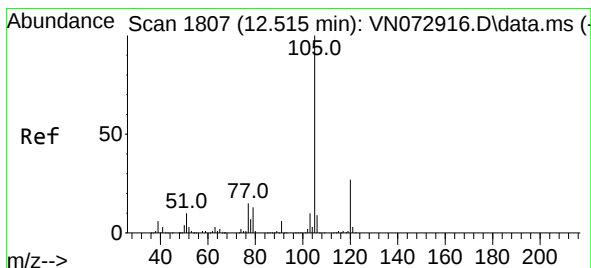
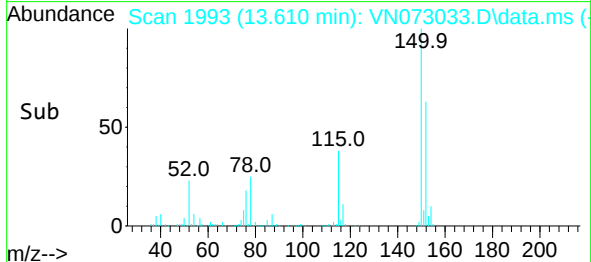
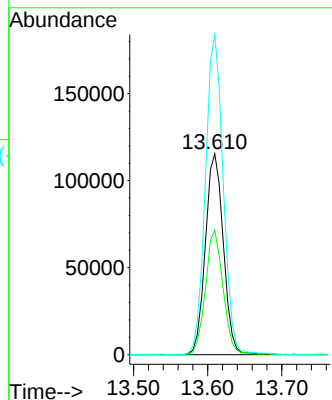
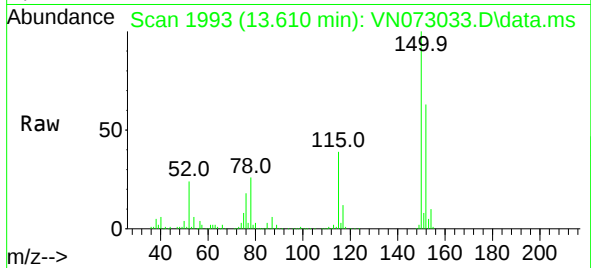




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

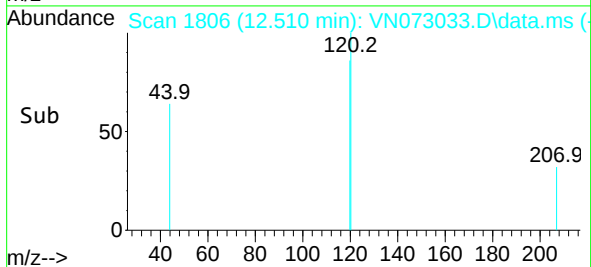
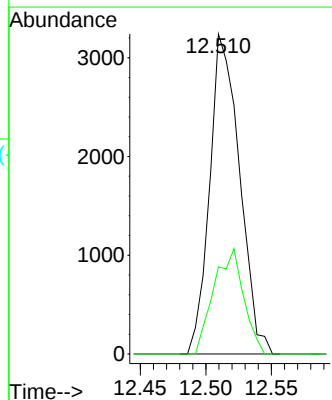
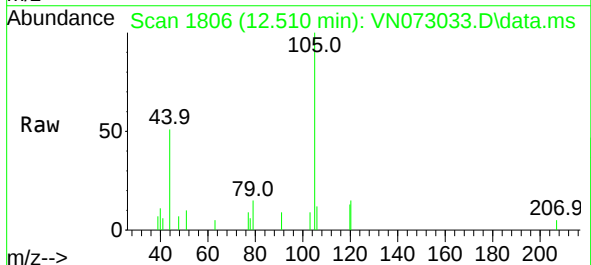
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-7

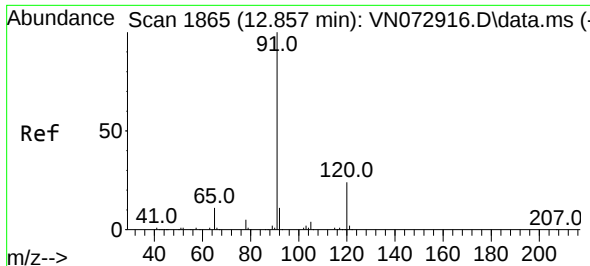
Tgt Ion:152 Resp: 195091  
Ion Ratio Lower Upper  
152 100  
115 60.9 28.9 86.7  
150 157.5 0.0 356.2



#73  
Isopropylbenzene  
Concen: 0.340 ug/l  
RT: 12.510 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion:105 Resp: 5129  
Ion Ratio Lower Upper  
105 100  
120 32.9 13.5 40.4

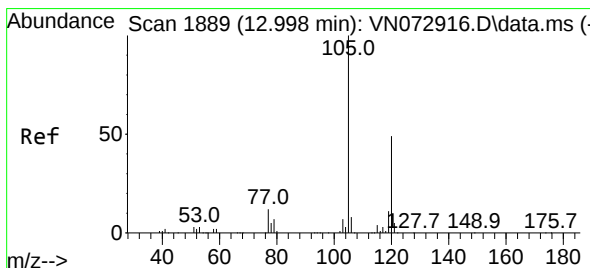
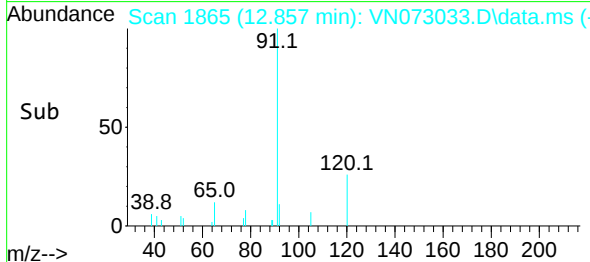
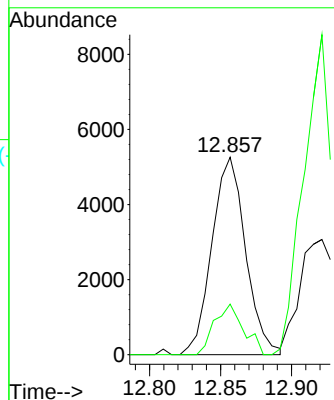
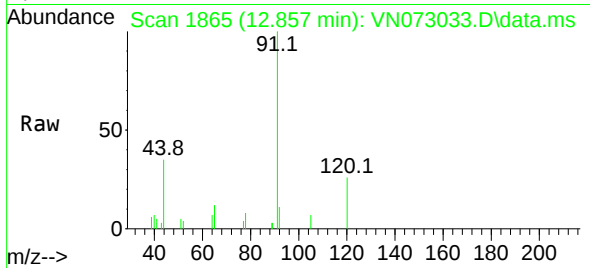




#78  
n-propylbenzene  
Concen: 0.524 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

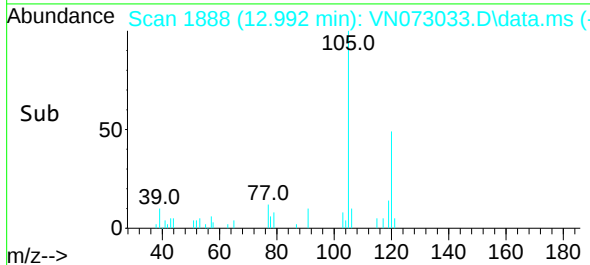
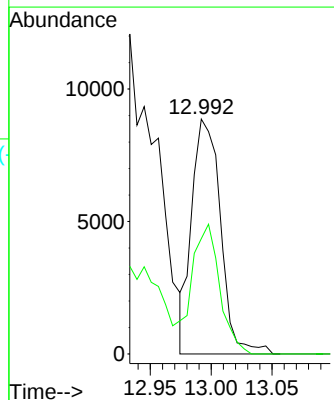
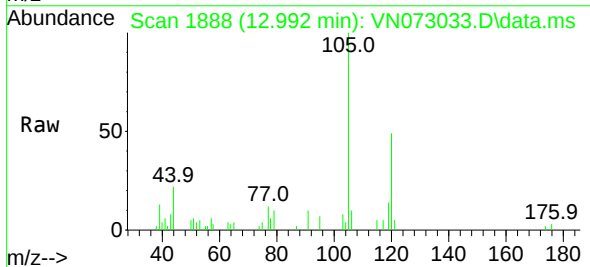
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-7

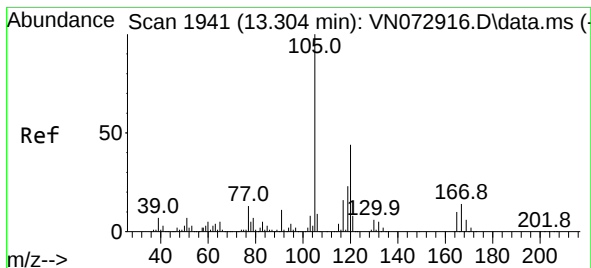
Tgt Ion: 91 Resp: 8700  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.5



#80  
1,3,5-Trimethylbenzene  
Concen: 1.173 ug/l  
RT: 12.992 min Scan# 1888  
Delta R.T. -0.006 min  
Lab File: VN073033.D  
Acq: 22 Jun 2022 18:31

Tgt Ion: 105 Resp: 14540  
Ion Ratio Lower Upper  
105 100  
120 54.9 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 4.305 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073033.D

Acq: 22 Jun 2022 18:31

Instrument :

MSVOA\_N

ClientSampleId :

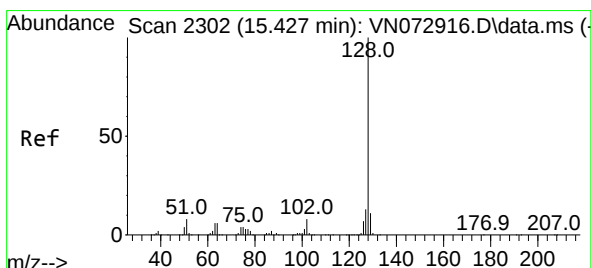
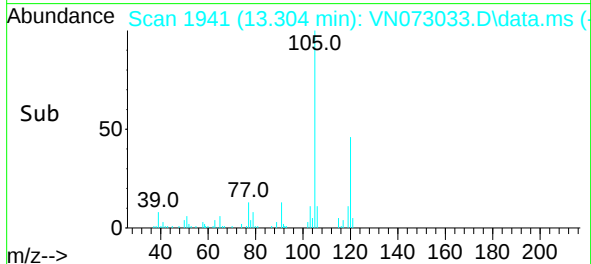
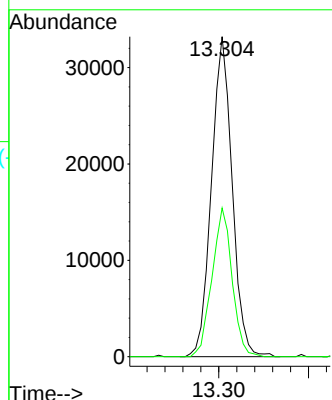
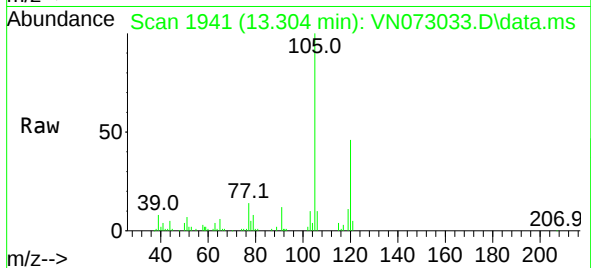
MW-7

Tgt Ion:105 Resp: 53158

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8



#95

Naphthalene

Concen: 3.777 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073033.D

Acq: 22 Jun 2022 18:31

Tgt Ion:128 Resp: 56924

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.7 8.6 13.0

