

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062422\  
 Data File : VN073095.D  
 Acq On : 24 Jun 2022 20:14  
 Operator : JC\MD  
 Sample : N3455-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-EXC-2-1-GR

Quant Time: Jun 24 23:41:31 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

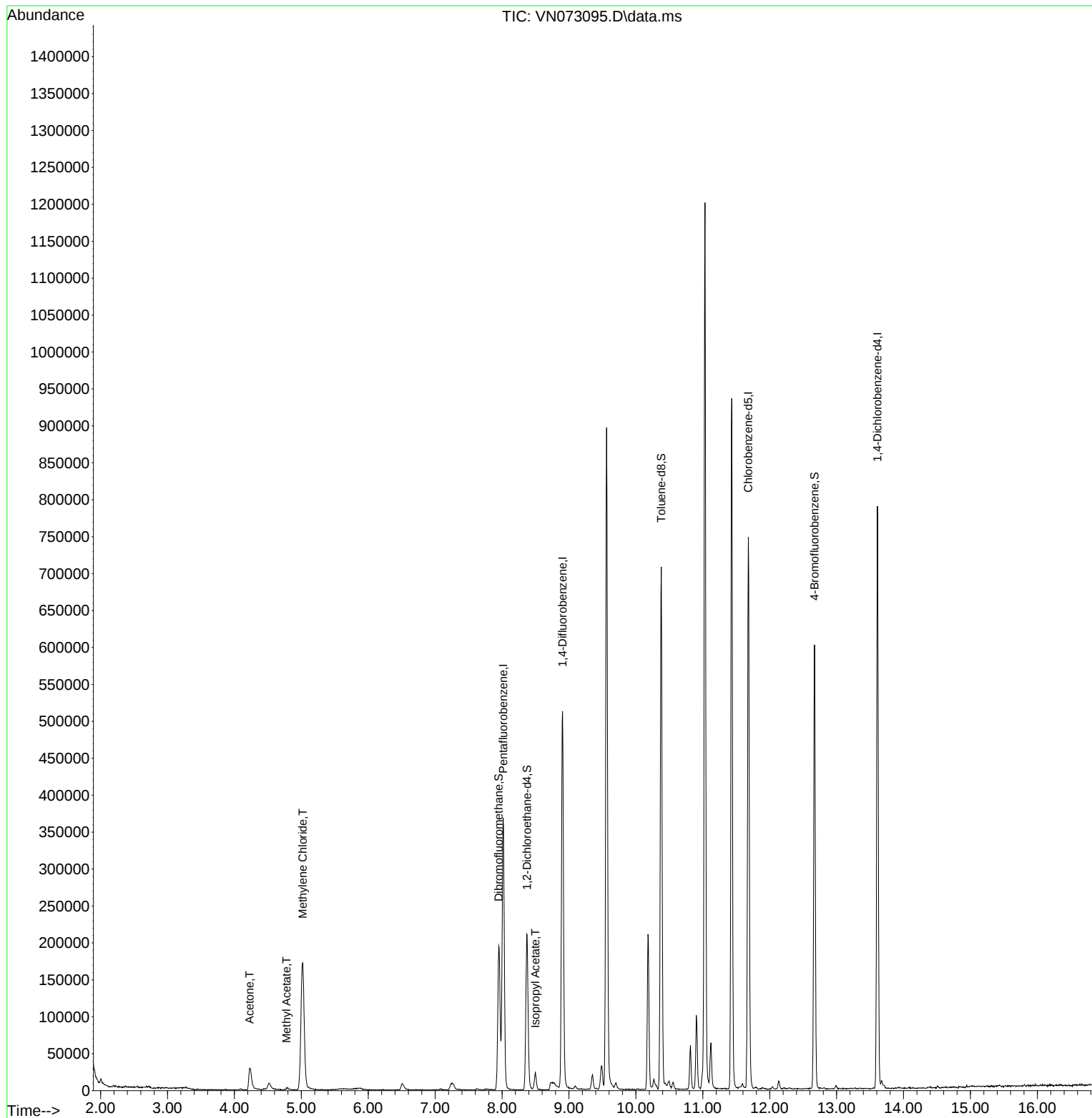
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 276054   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 457624   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 429277   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 208387   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 173555   | 46.502   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 93.000%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 145473   | 51.431   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.860% |
| 50) Toluene-d8              | 10.380 | 98    | 484311   | 46.015   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 92.040%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 206081   | 54.452   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 108.900% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.228  | 43    | 58703    | 28.614   | ug/l   | 89       |
| 18) Methyl Acetate          | 4.781  | 43    | 5580     | 1.021    | ug/l # | 79       |
| 20) Methylene Chloride      | 5.022  | 84    | 145099   | 45.576   | ug/l   | 92       |
| 43) Isopropyl Acetate       | 8.498  | 43    | 26035    | 2.975    | ug/l # | 88       |
| -----                       |        |       |          |          |        |          |

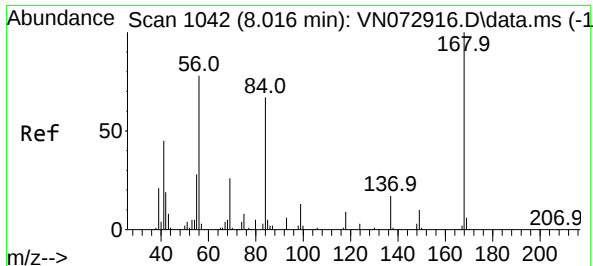
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Sat Jun 18 06:22:45 2022  
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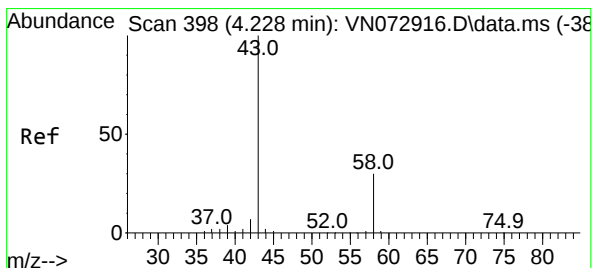
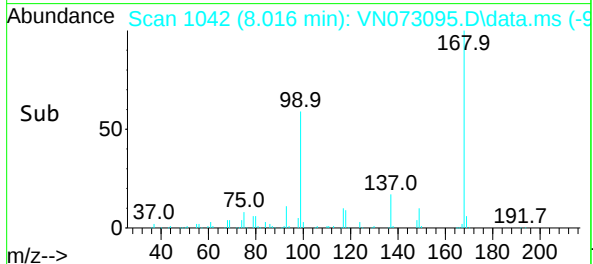
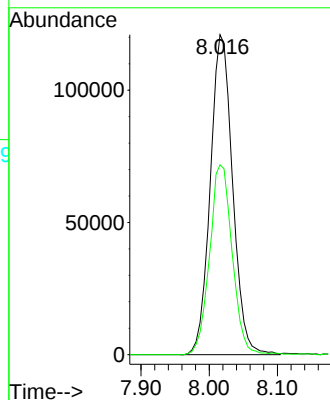
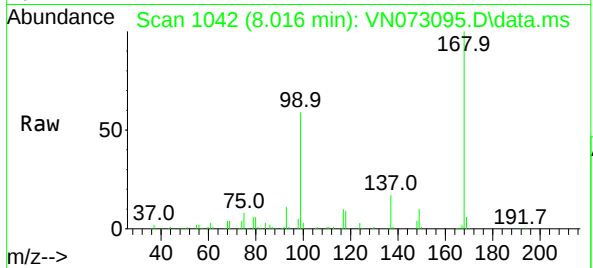




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

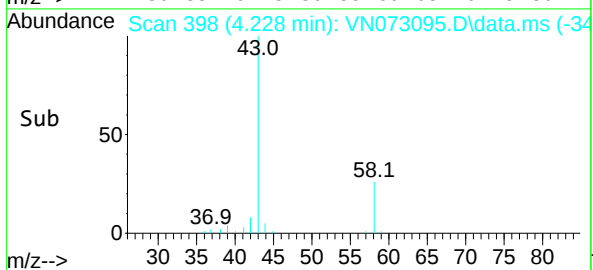
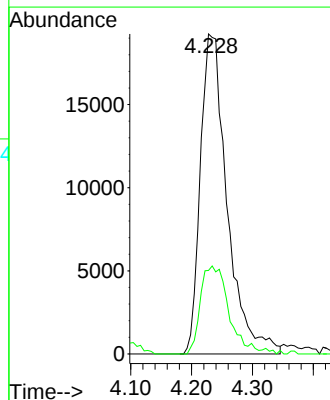
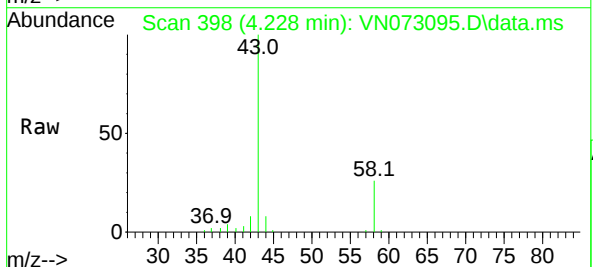
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ClientSampleId :  
SP-EXC-2-1-GR

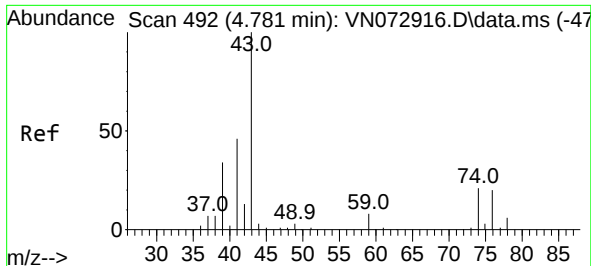
Tgt Ion:168 Resp: 276054  
Ion Ratio Lower Upper  
168 100  
99 59.3 42.3 63.5



#16  
Acetone  
Concen: 28.614 ug/l  
RT: 4.228 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion: 43 Resp: 58703  
Ion Ratio Lower Upper  
43 100  
58 26.1 26.0 39.0

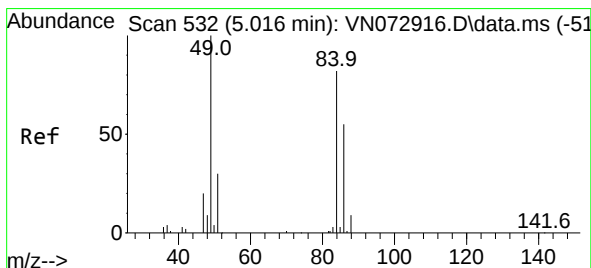
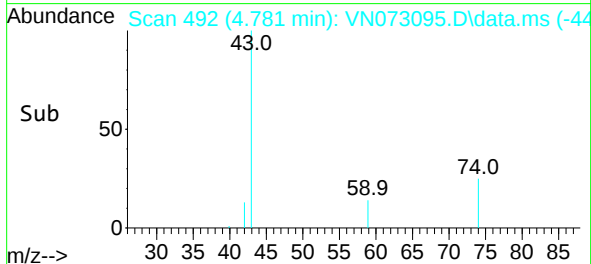
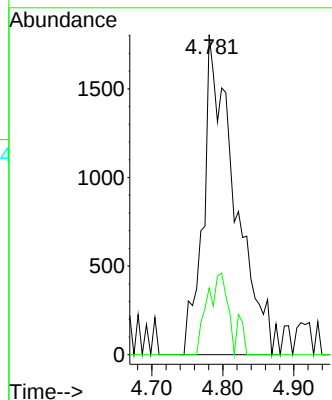
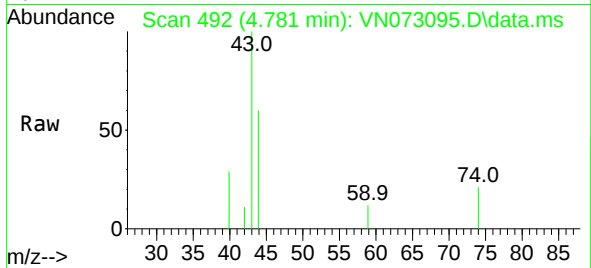




#18  
Methyl Acetate  
Concen: 1.021 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

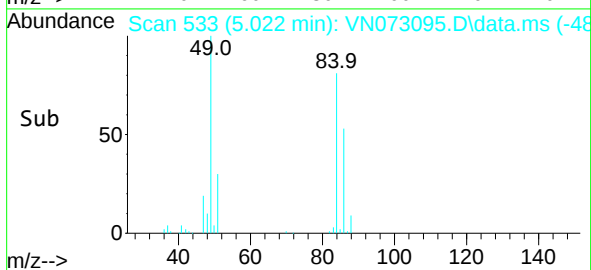
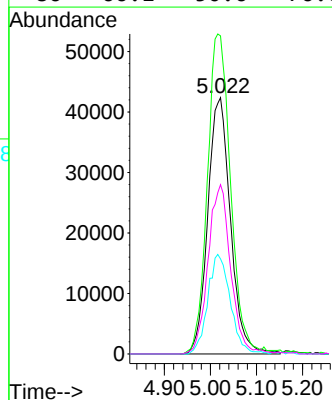
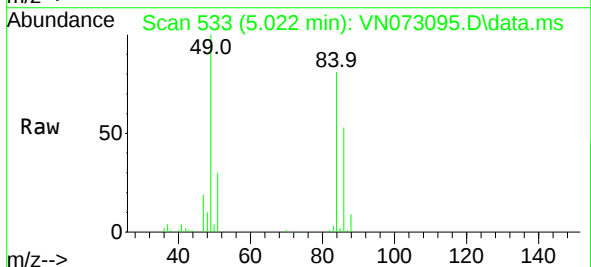
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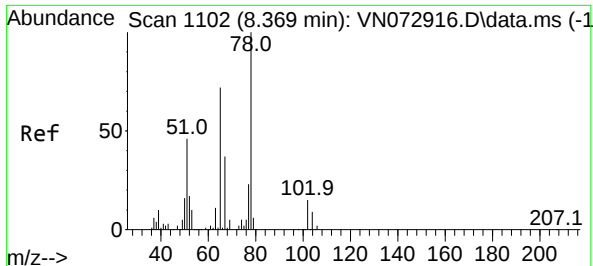
Tgt Ion: 43 Resp: 5580  
Ion Ratio Lower Upper  
43 100  
74 16.2 21.6 32.4#



#20  
Methylene Chloride  
Concen: 45.576 ug/l  
RT: 5.022 min Scan# 533  
Delta R.T. 0.006 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion: 84 Resp: 145099  
Ion Ratio Lower Upper  
84 100  
49 124.1 88.3 132.5  
51 37.1 28.2 42.2  
86 66.1 50.6 76.0

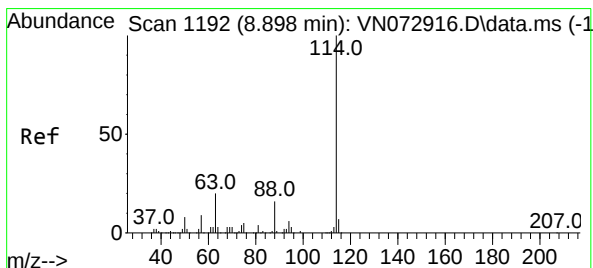
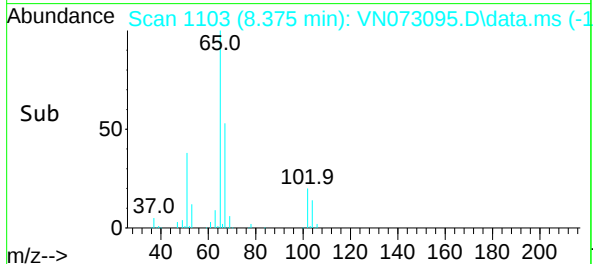
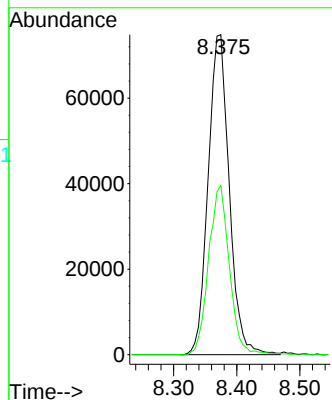
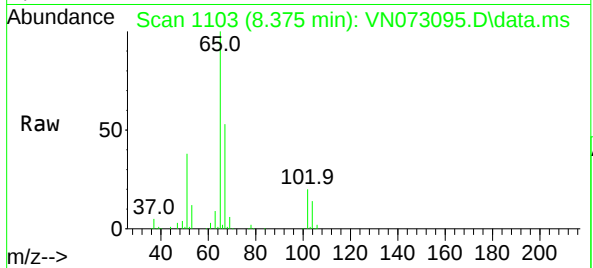




#33  
1,2-Dichloroethane-d4  
Concen: 46.502 ug/l  
RT: 8.375 min Scan# 1102  
Delta R.T. 0.006 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

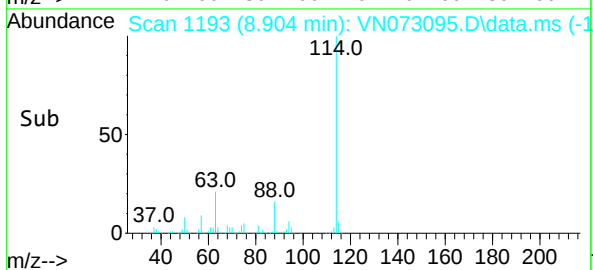
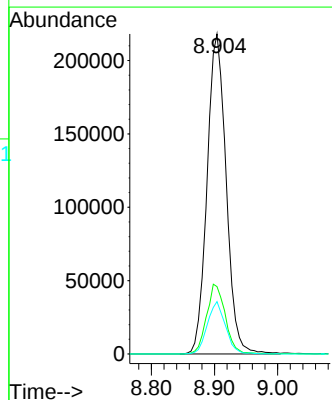
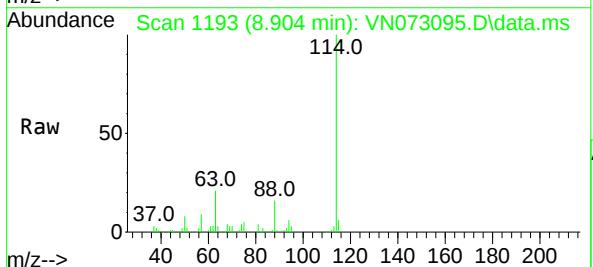
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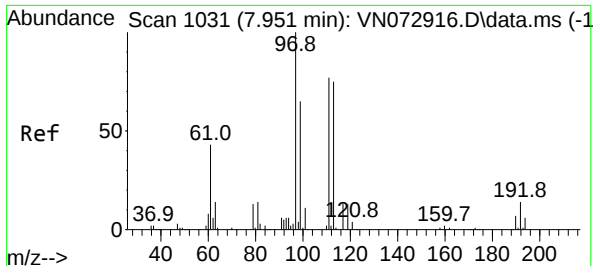
Tgt Ion: 65 Resp: 173555  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion: 114 Resp: 457624  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.0  
88 16.4 0.0 32.6

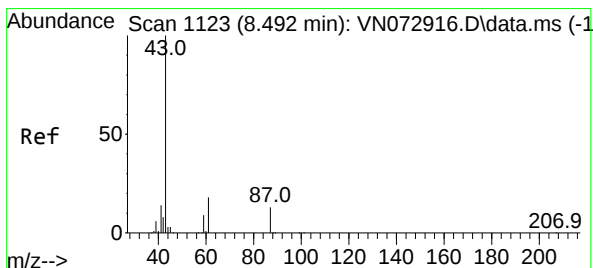
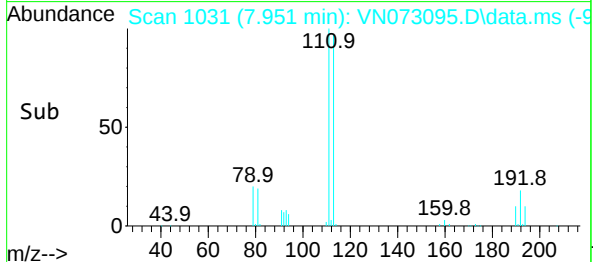
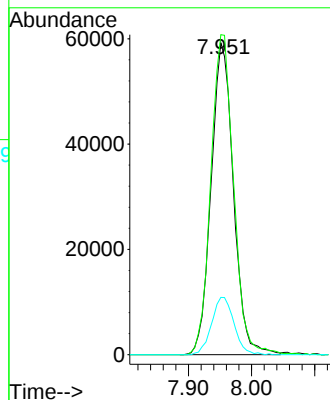
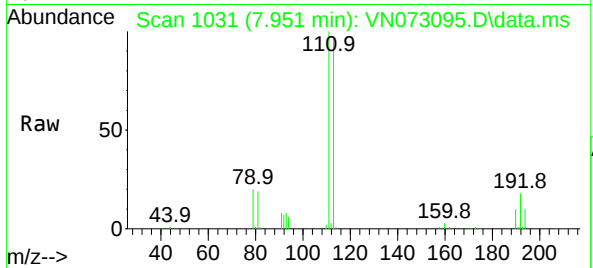




#35  
Dibromofluoromethane  
Concen: 51.431 ug/l  
RT: 7.951 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

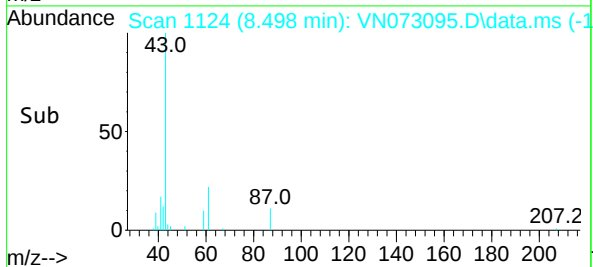
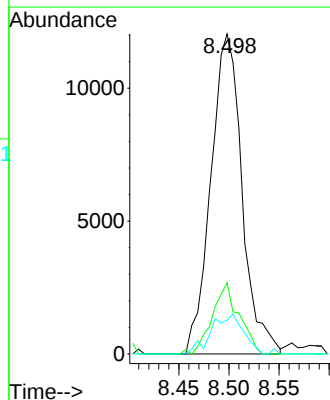
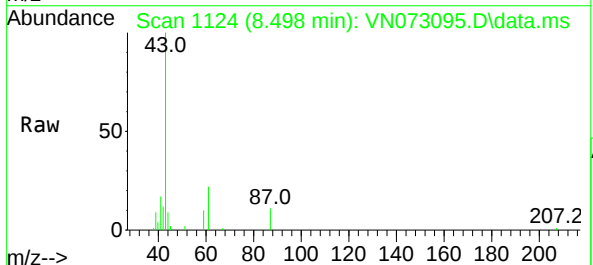
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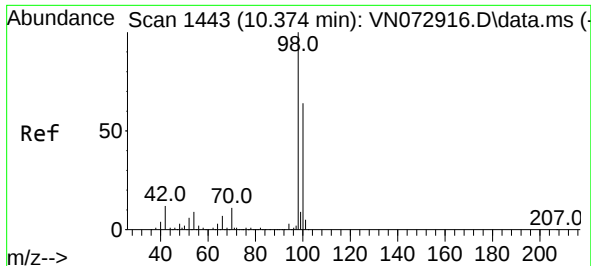
Tgt Ion:113 Resp: 145473  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.4 122.0  
192 18.4 17.0 25.6



#43  
Isopropyl Acetate  
Concen: 2.975 ug/l  
RT: 8.498 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion: 43 Resp: 26035  
Ion Ratio Lower Upper  
43 100  
61 19.0 21.9 32.9#  
87 12.8 12.0 18.0

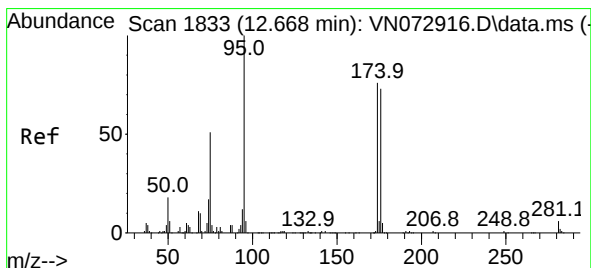
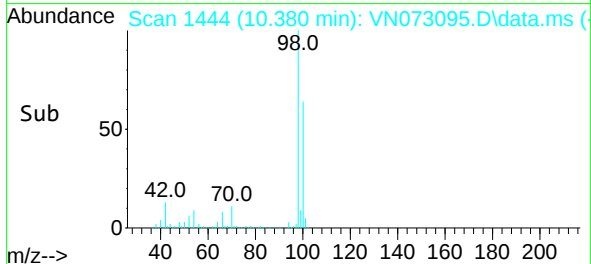
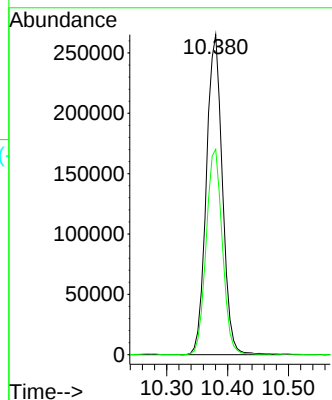
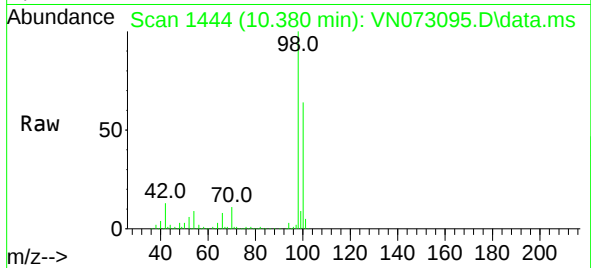




#50  
Toluene-d8  
Concen: 46.015 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

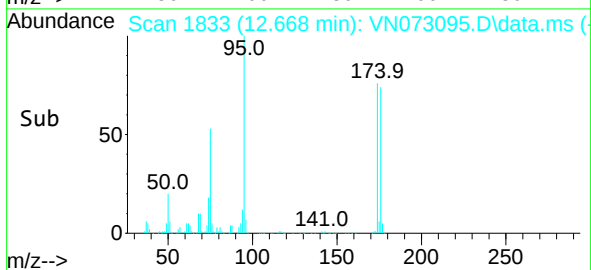
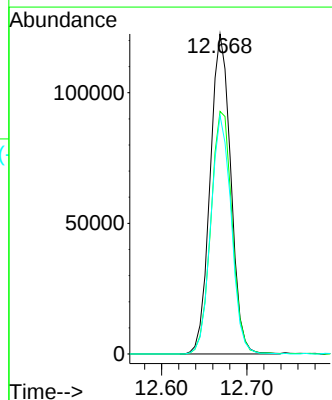
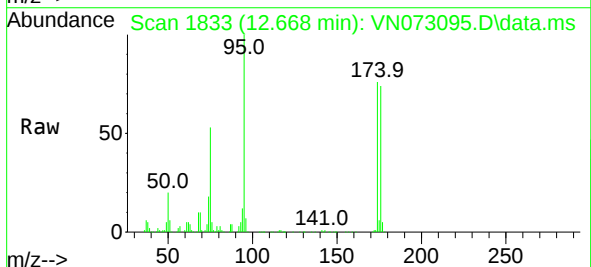
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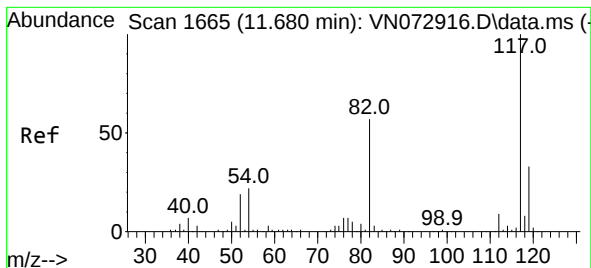
Tgt Ion: 98 Resp: 484311  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 54.452 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion: 95 Resp: 206081  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 167.6  
176 73.8 0.0 163.4

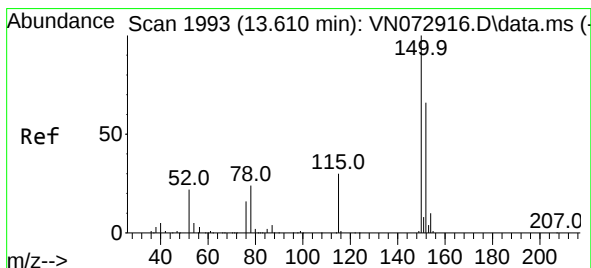
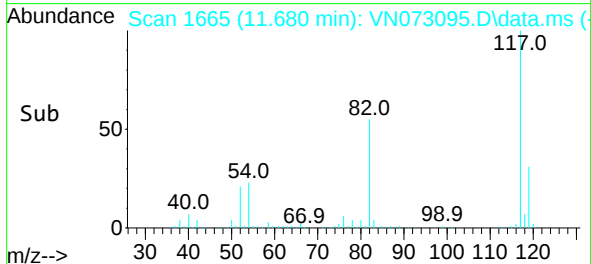
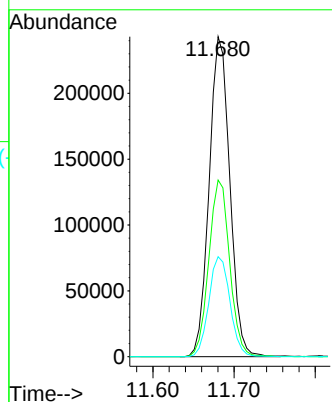
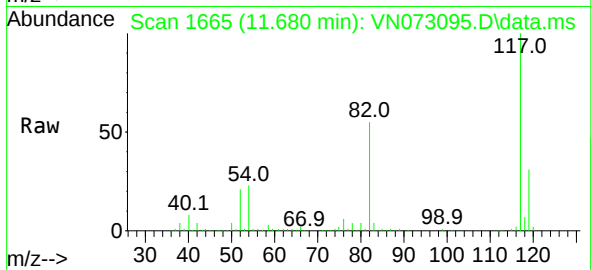




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-EXC-2-1-GR

Tgt Ion:117 Resp: 429277  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.2 66.2  
119 31.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN073095.D  
Acq: 24 Jun 2022 20:14

Tgt Ion:152 Resp: 208387  
Ion Ratio Lower Upper  
152 100  
115 60.1 28.9 86.7  
150 157.5 0.0 356.2

