

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022421\  
 Data File : VN066005.D  
 Acq On : 24 Feb 2021 15:42  
 Operator : JC/MD  
 Sample : M1473-07  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWBR1-119-129-022221

Manual Integrations  
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 2/25/2021 12:15:59 PM

Quant Time: Feb 25 02:14:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 7.631          | 168  | 130912     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.553          | 114  | 215736     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.376         | 117  | 193975     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.315         | 152  | 79449      | 50.00  | ug/l  | 0.00     |
|                              |                |      |            |        |       |          |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 7.991          | 65   | 87675      | 47.89  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 95.78% |       |          |
| 35) Dibromofluoromethane     | 7.557          | 113  | 64893      | 48.60  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 97.20% |       |          |
| 50) Toluene-d8               | 10.058         | 98   | 260700     | 47.57  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 95.14% |       |          |
| 62) 4-Bromofluorobenzene     | 12.373         | 95   | 94362      | 45.86  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 91.72% |       |          |
|                              |                |      |            |        |       |          |
| Target Compounds             |                |      |            |        |       | Qvalue   |
| 12) 1,1-Dichloroethene       | 3.714          | 96   | 1299m      | 0.88   | ug/l  |          |
| 21) trans-1,2-Dichloroethene | 5.007          | 96   | 1554m      | 1.01   | ug/l  |          |
| 27) cis-1,2-Dichloroethene   | 6.788          | 96   | 10169      | 5.78   | ug/l  | 87       |
| 30) Chloroform               | 7.332          | 83   | 8579       | 2.99   | ug/l  | 92       |
| 44) Trichloroethene          | 8.801          | 130  | 32093      | 19.88  | ug/l  | 99       |
| 52) Toluene                  | 10.122         | 92   | 62077      | 15.49  | ug/l  | 98       |
| -----                        |                |      |            |        |       |          |

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

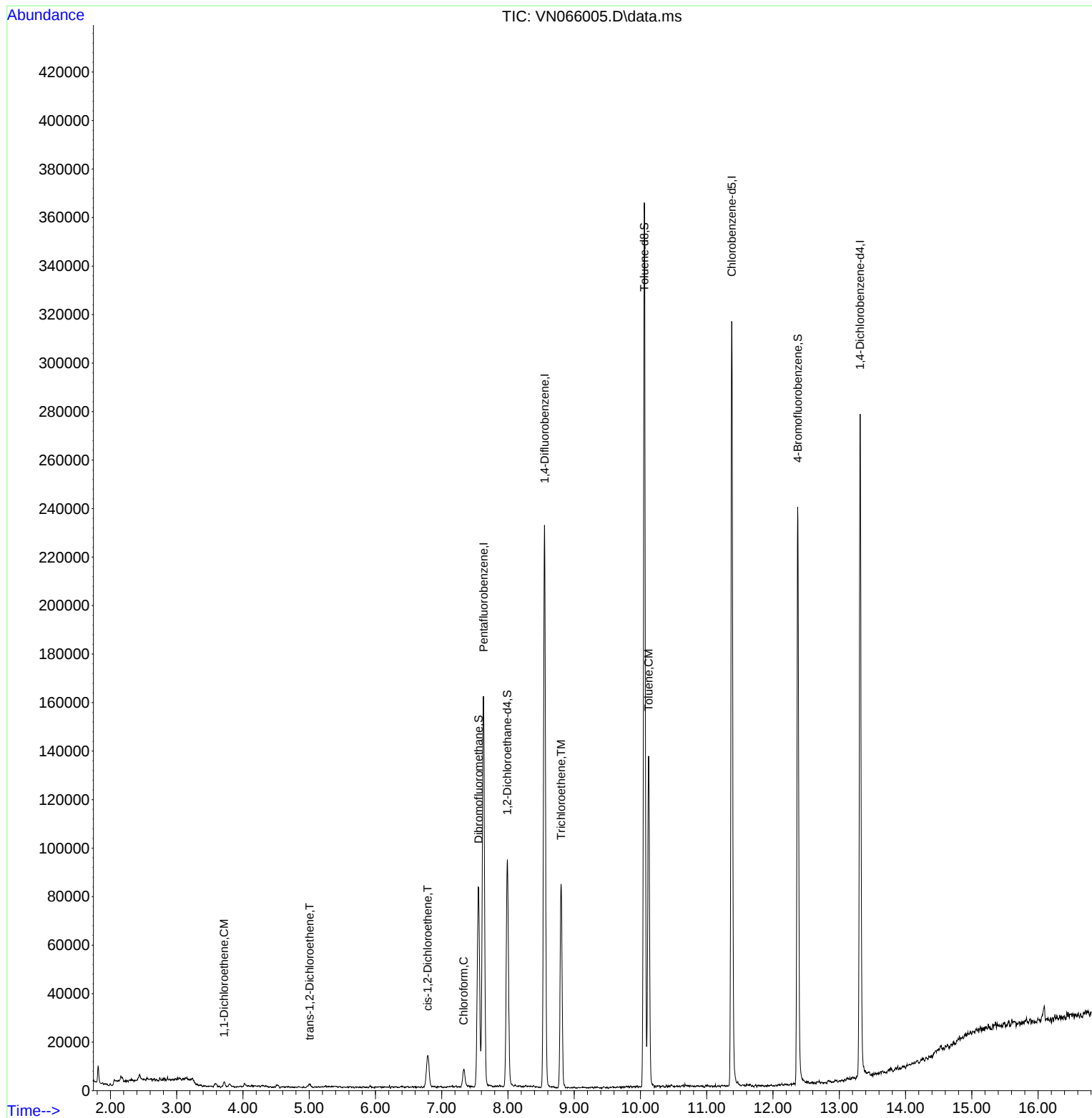
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022421\  
Data File : VN066005.D  
Acq On : 24 Feb 2021 15:42  
Operator : JC/MD  
Sample : M1473-07  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

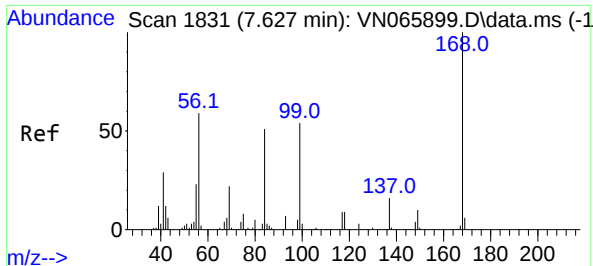
Instrument :  
MSVOA\_N  
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Quant Time: Feb 25 02:14:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 17 15:48:13 2021  
Response via : Initial Calibration





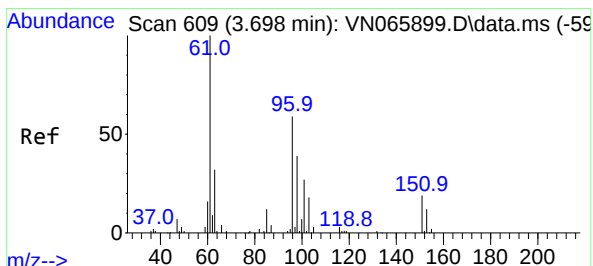
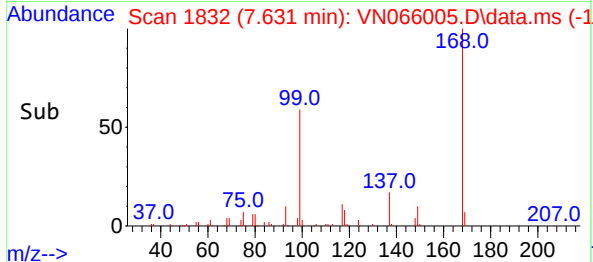
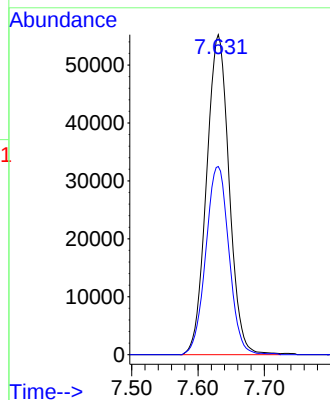
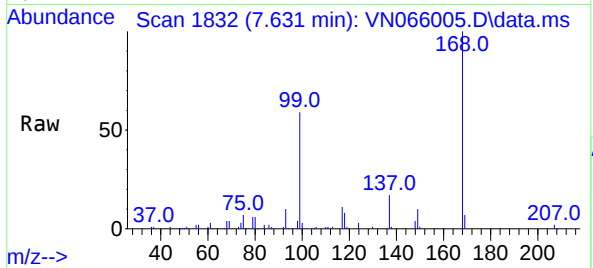
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.631 min Scan# 1832  
Delta R.T. 0.004 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 168 Resp: 130912  
Ion Ratio Lower Upper  
168 100  
99 58.8 42.6 63.8

Instrument :  
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ClientSampleId :  
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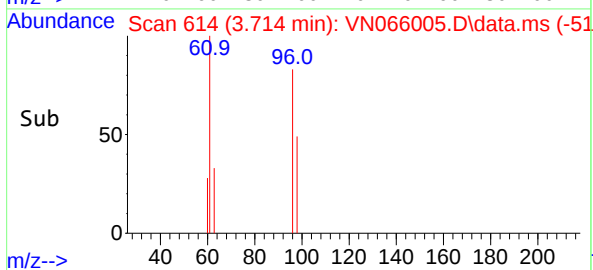
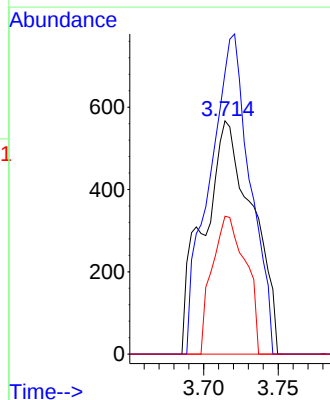
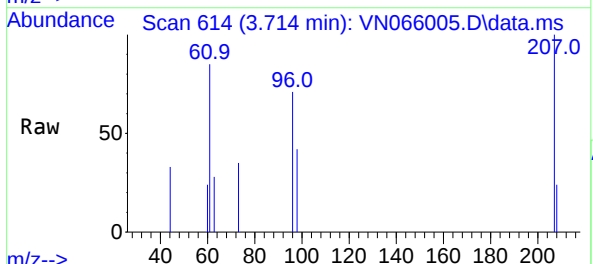
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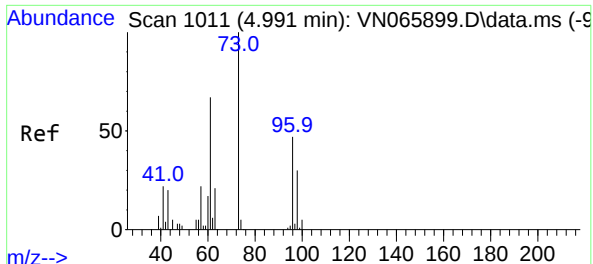
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#12  
1,1-Dichloroethene  
Concen: 0.88 ug/l m  
RT: 3.714 min Scan# 614  
Delta R.T. 0.016 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 96 Resp: 1299  
Ion Ratio Lower Upper  
96 100  
61 120.6 122.5 183.7#  
98 59.1 50.8 76.2





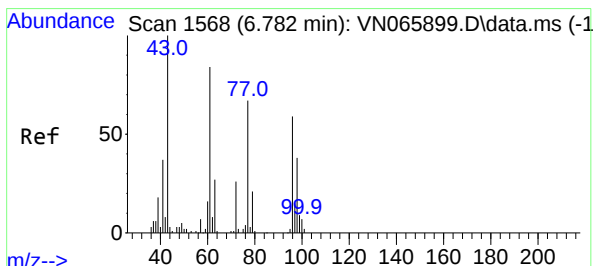
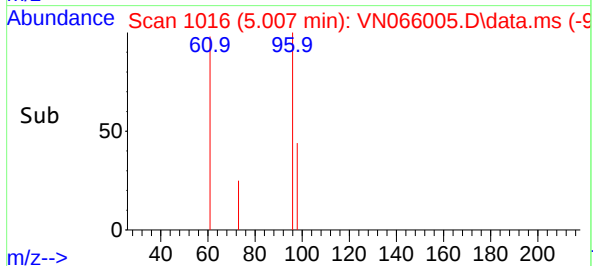
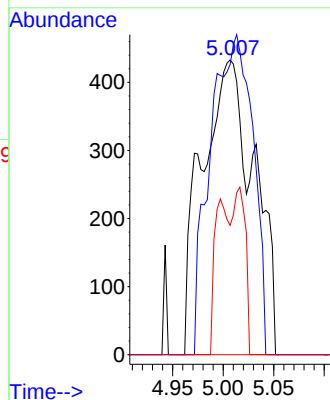
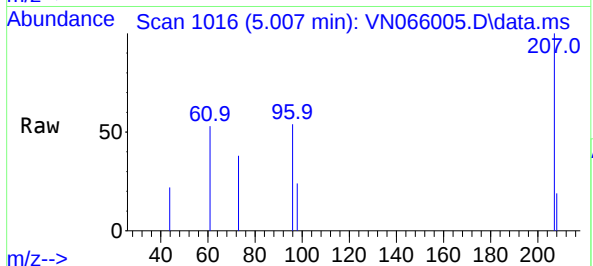
#21  
trans-1,2-Dichloroethene  
Concen: 1.01 ug/l m  
RT: 5.007 min Scan# 1016  
Delta R.T. 0.016 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 96 Resp: 1554  
Ion Ratio Lower Upper  
96 100  
61 98.4 104.9 157.3#  
98 43.9 51.8 77.8#

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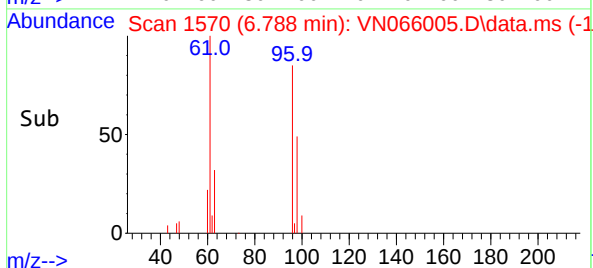
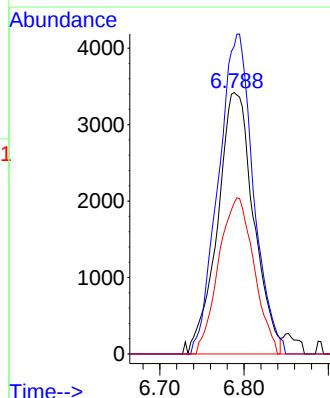
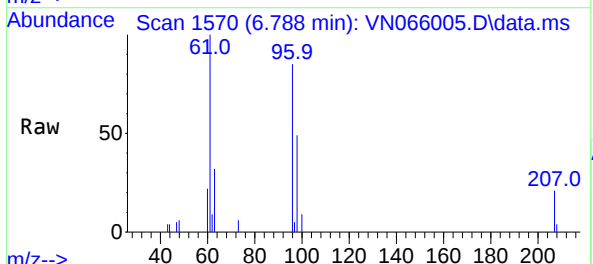
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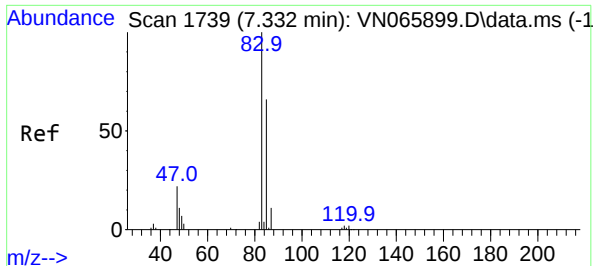
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#27  
cis-1,2-Dichloroethene  
Concen: 5.78 ug/l  
RT: 6.788 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 96 Resp: 10169  
Ion Ratio Lower Upper  
96 100  
61 119.2 0.0 276.8  
98 58.4 0.0 129.4





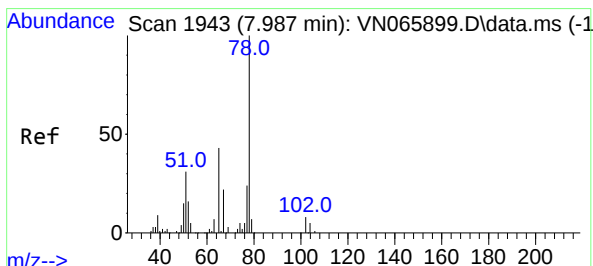
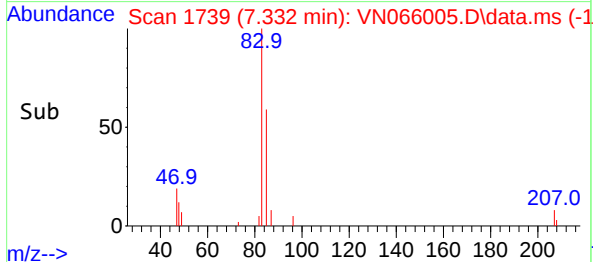
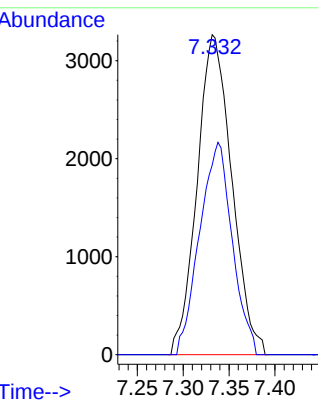
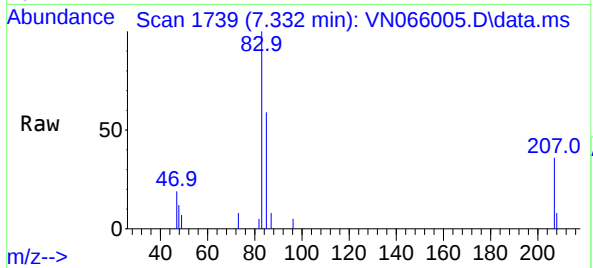
#30  
Chloroform  
Concen: 2.99 ug/l  
RT: 7.332 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 83 Resp: 8579  
Ion Ratio Lower Upper  
83 100  
85 59.2 52.6 78.8

Instrument :  
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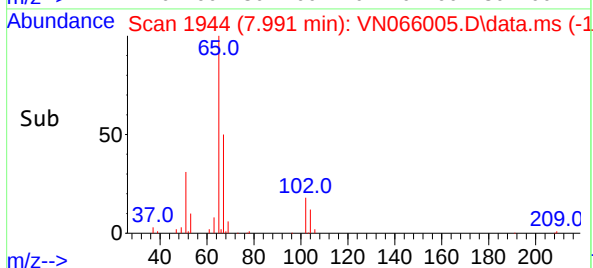
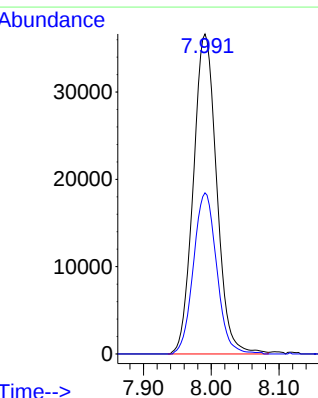
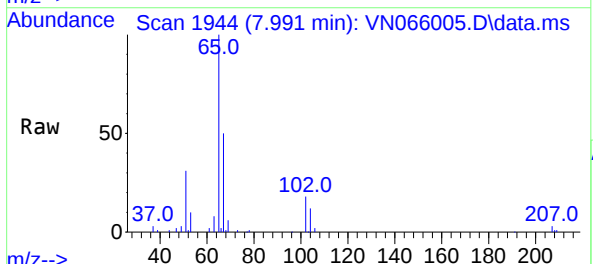
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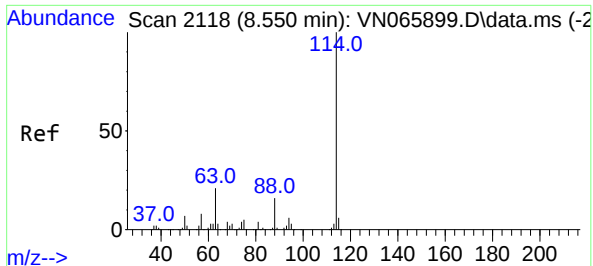
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#33  
1,2-Dichloroethane-d4  
Concen: 47.89 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. 0.004 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 65 Resp: 87675  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 107.2





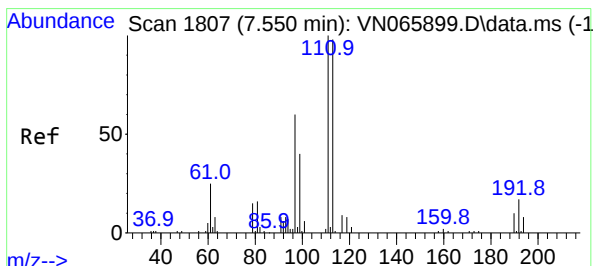
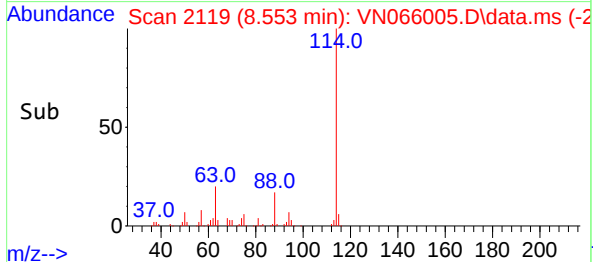
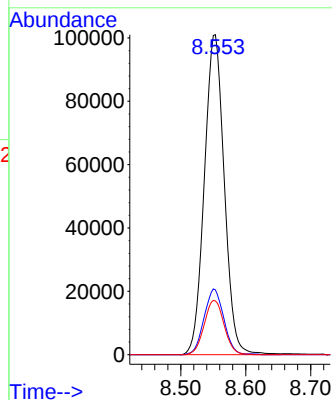
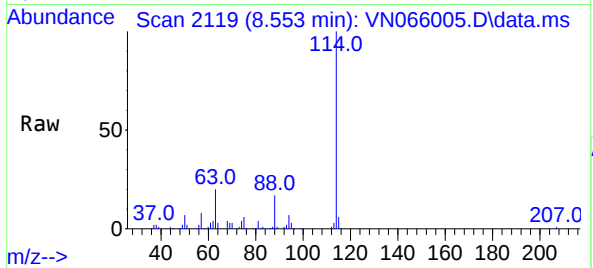
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.553 min Scan# 2119  
Delta R.T. 0.003 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion:114 Resp: 215736  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 38.6  
88 16.8 0.0 30.6

Instrument :  
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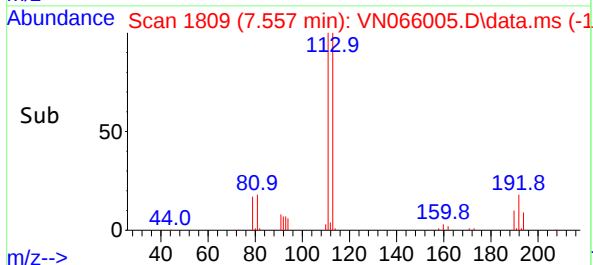
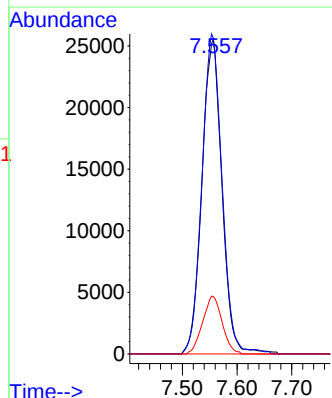
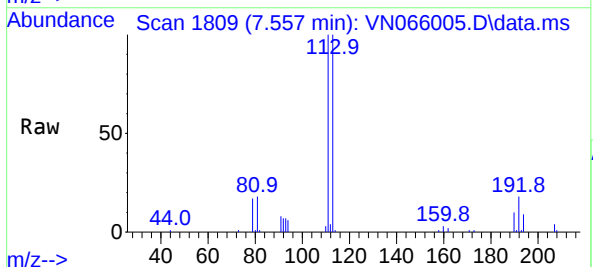
Manual Integrations  
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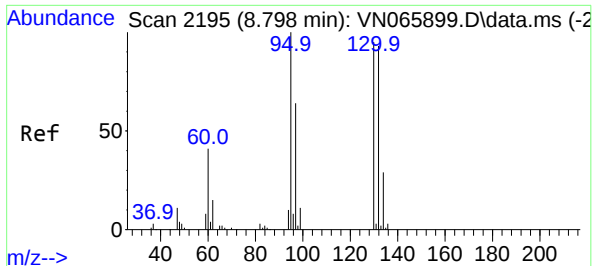
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#35  
Dibromofluoromethane  
Concen: 48.60 ug/l  
RT: 7.557 min Scan# 1809  
Delta R.T. 0.007 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion:113 Resp: 64893  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.2  
192 17.9 15.4 23.0





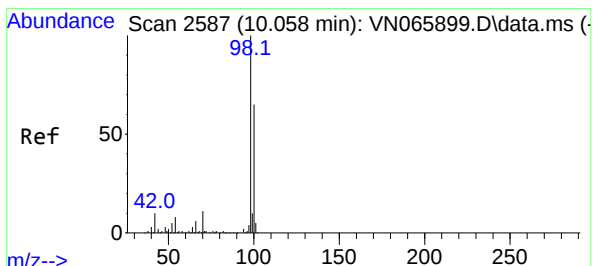
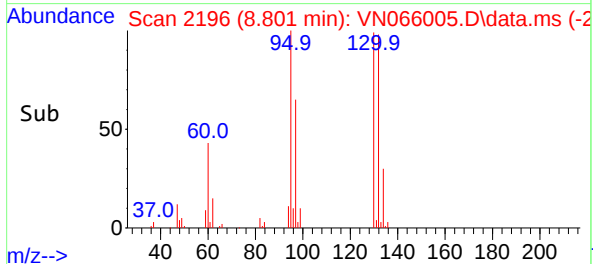
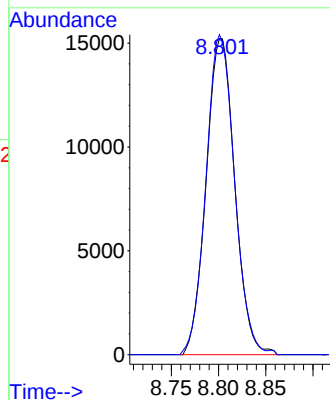
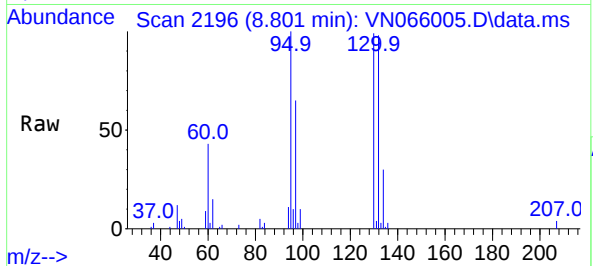
#44  
Trichloroethene  
Concen: 19.88 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion:130 Resp: 32093  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 199.6

Instrument :  
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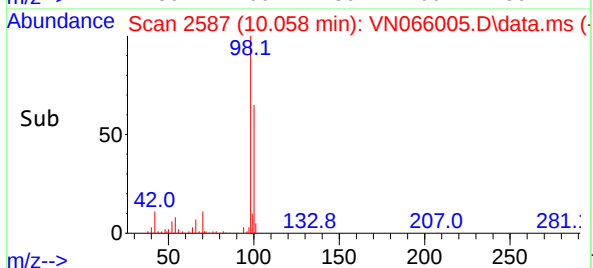
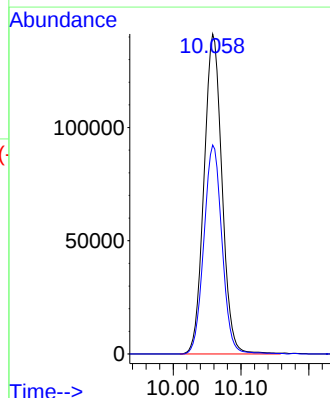
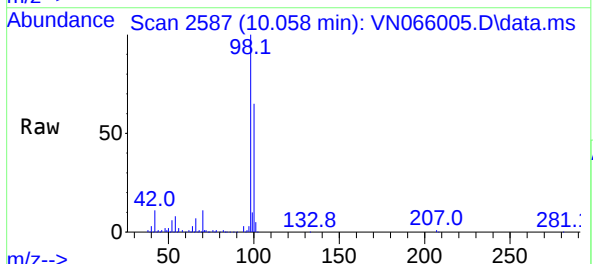
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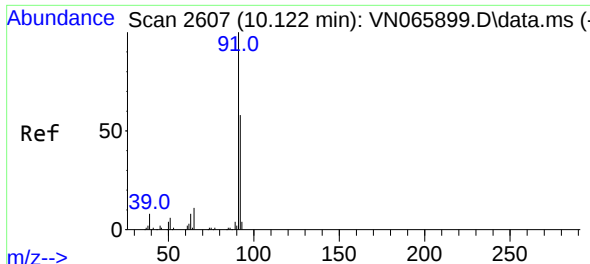
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#50  
Toluene-d8  
Concen: 47.57 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 98 Resp: 260700  
Ion Ratio Lower Upper  
98 100  
100 65.7 50.5 75.7





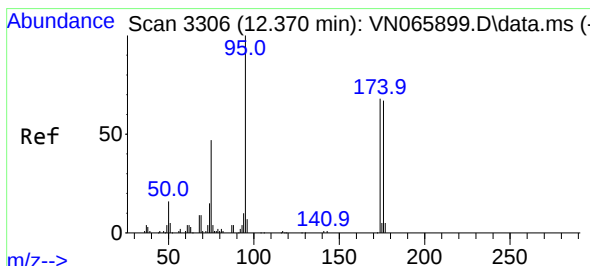
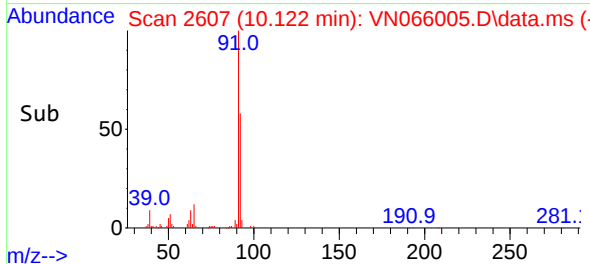
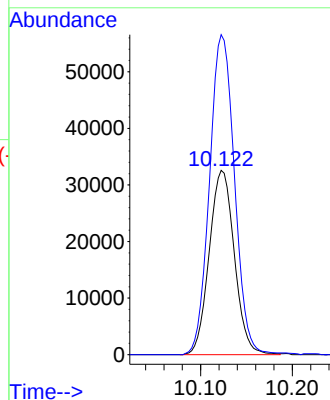
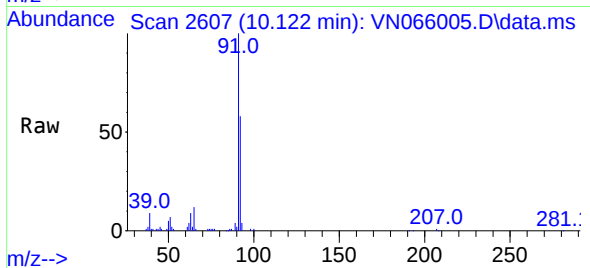
#52  
Toluene  
Concen: 15.49 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 92 Resp: 62077  
Ion Ratio Lower Upper  
92 100  
91 173.0 140.7 211.1

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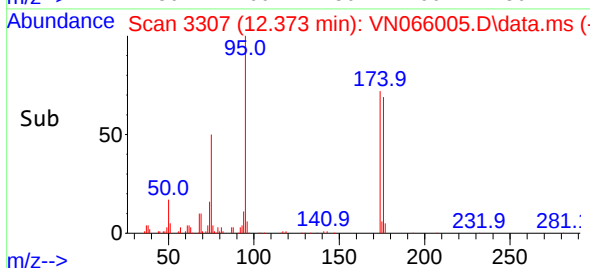
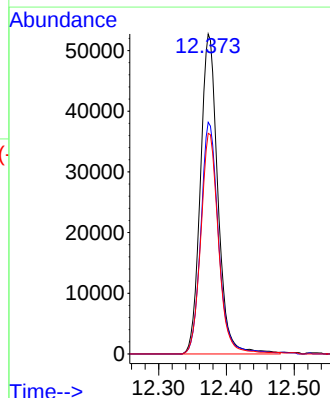
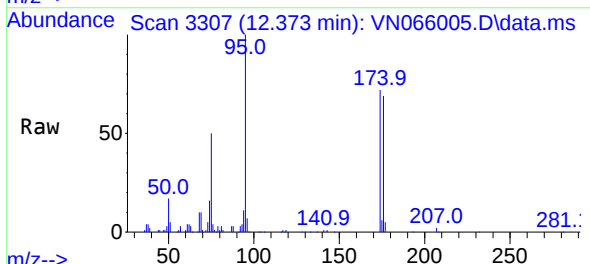
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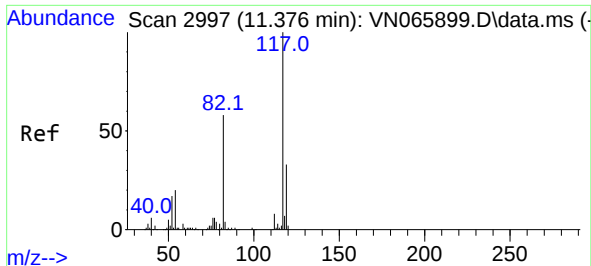
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#62  
4-Bromofluorobenzene  
Concen: 45.86 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion: 95 Resp: 94362  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 169.0  
176 69.7 0.0 162.4





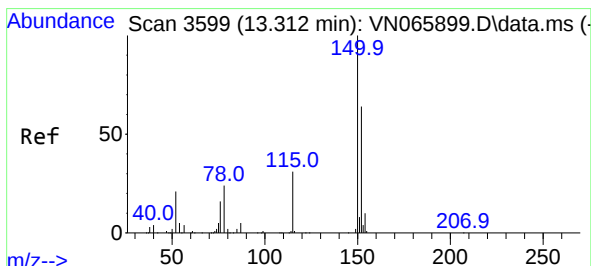
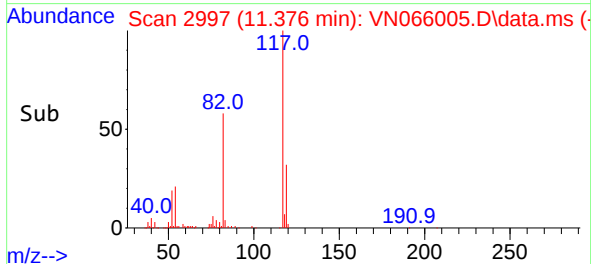
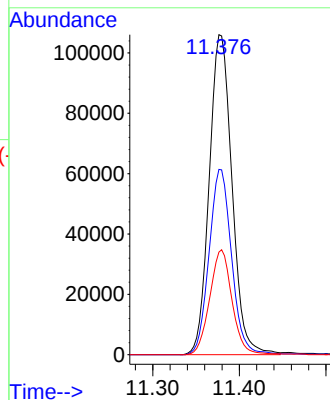
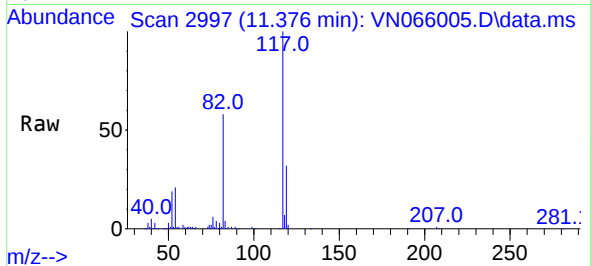
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Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion:117 Resp: 193975  
Ion Ratio Lower Upper  
117 100  
82 57.9 43.7 65.5  
119 32.0 26.1 39.1

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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN066005.D  
Acq: 24 Feb 2021 15:42

Tgt Ion:152 Resp: 79449  
Ion Ratio Lower Upper  
152 100  
115 62.2 28.5 85.6  
150 156.1 0.0 347.6

