

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121420\  
 Data File : VN065128.D  
 Acq On : 15 Dec 2020 2:57  
 Operator : JC/MD  
 Sample : L5085-09  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TU032-32-7854-121120

Manual Integrations  
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Quant Time: Dec 15 06:45:13 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121420W.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Dec 15 05:41:47 2020  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc  | Units | Dev(Min)  |
|------------------------------|----------------|------|---------------------|-------|-------|-----------|
| -----                        |                |      |                     |       |       |           |
| Internal Standards           |                |      |                     |       |       |           |
| 1) Pentafluorobenzene        | 7.627          | 168  | 165911              | 50.00 | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene      | 8.550          | 114  | 262747              | 50.00 | ug/l  | 0.00      |
| 63) Chlorobenzene-d5         | 11.379         | 117  | 394975              | 50.00 | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 13.318         | 152  | 108610              | 50.00 | ug/l  | 0.00      |
| System Monitoring Compounds  |                |      |                     |       |       |           |
| 33) 1,2-Dichloroethane-d4    | 7.984          | 65   | 155703              | 81.63 | ug/l  | 0.00      |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 163.26%# |       |       |           |
| 35) Dibromofluoromethane     | 7.547          | 113  | 123565              | 67.66 | ug/l  | 0.00      |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 135.32%# |       |       |           |
| 50) Toluene-d8               | 10.058         | 98   | 402441              | 62.31 | ug/l  | 0.00      |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 124.62%  |       |       |           |
| 62) 4-Bromofluorobenzene     | 12.376         | 95   | 130966              | 58.88 | ug/l  | 0.00      |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 117.76%  |       |       |           |
| Target Compounds             |                |      |                     |       |       |           |
| 2) Dichlorodifluoromethane   | 1.830          | 85   | 1648                | 1.00  | ug/l  | Qvalue 94 |
| 4) Vinyl Chloride            | 2.164          | 62   | 2690                | 1.75  | ug/l  | 98        |
| 21) trans-1,2-Dichloroethene | 5.016          | 96   | 1637m               | 1.01  | ug/l  |           |
| 27) cis-1,2-Dichloroethene   | 6.785          | 96   | 967                 | 0.53  | ug/l  | 67        |
| -----                        |                |      |                     |       |       |           |

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

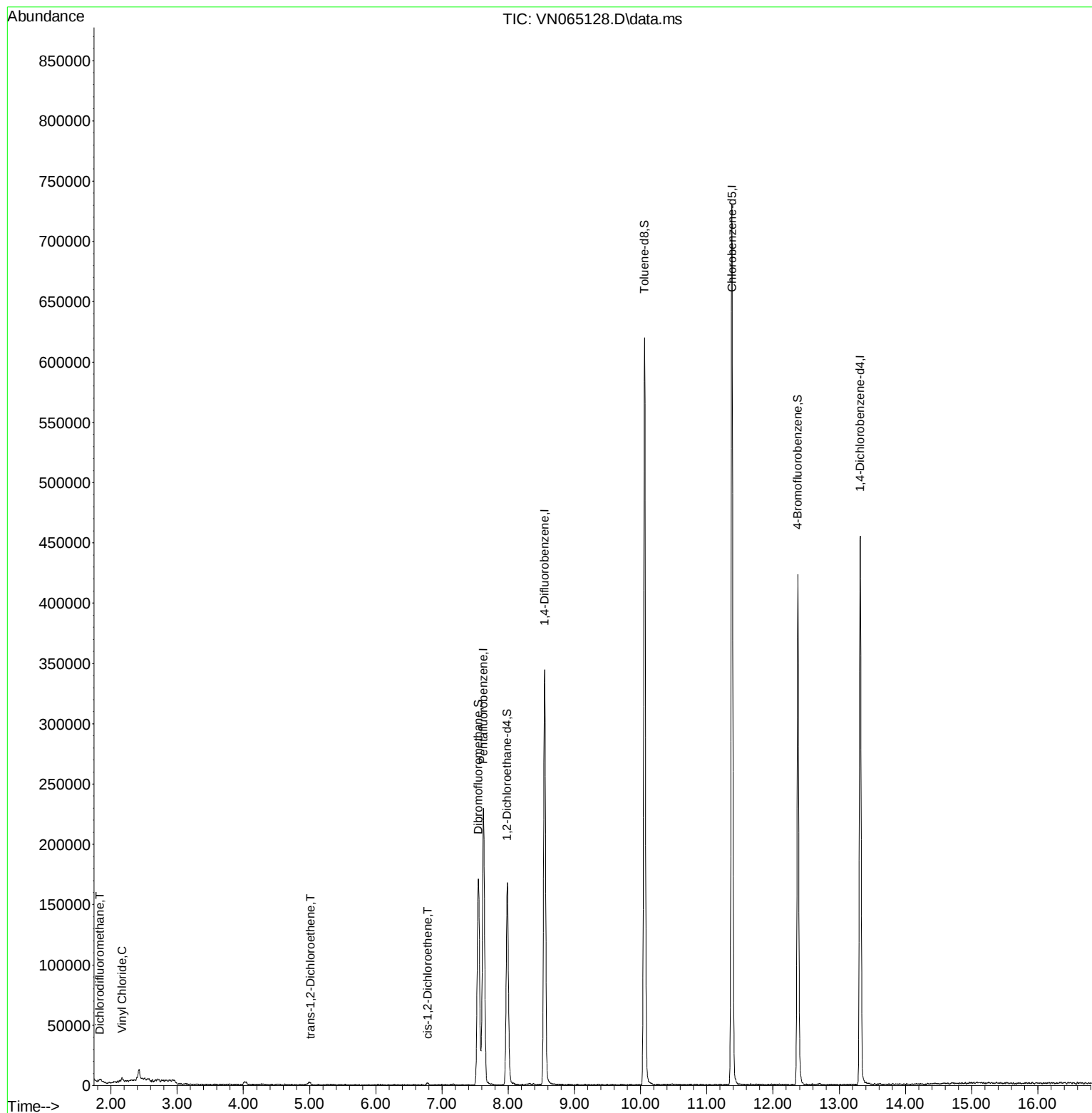
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121420\  
Data File : VN065128.D  
Acq On : 15 Dec 2020 2:57  
Operator : JC/MD  
Sample : L5085-09  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 44 Sample Multiplier: 1

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TU032-32-7854-121120

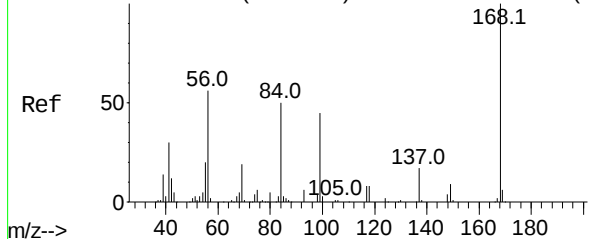
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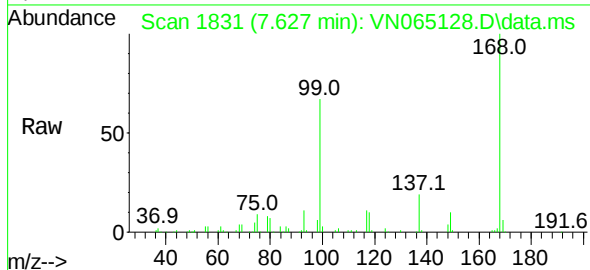
Quant Time: Dec 15 06:45:13 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121420W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 15 05:41:47 2020  
Response via : Initial Calibration



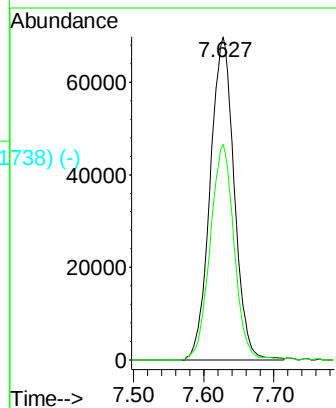
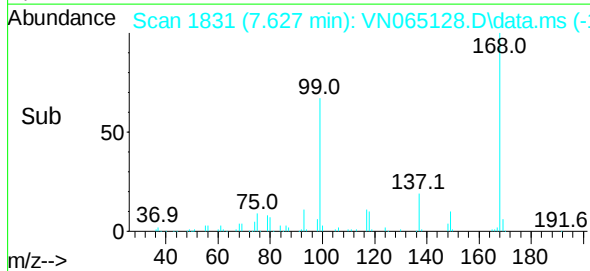
Abundance Scan 1831 (7.627 min): VN065092.D\data.ms (-18#1) (-)



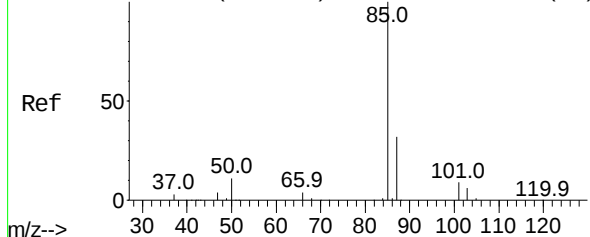
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57



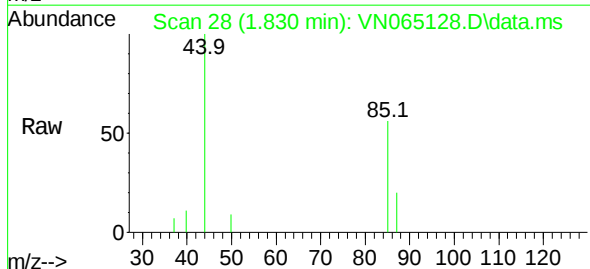
Tgt Ion:168 Resp: 165911  
Ion Ratio Lower Upper  
168 100  
99 66.8 43.0 64.4#



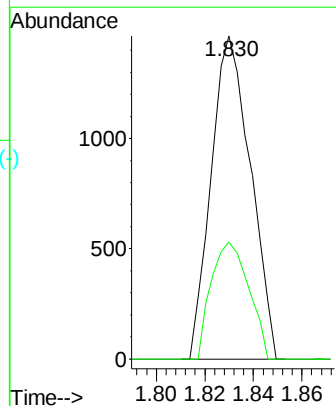
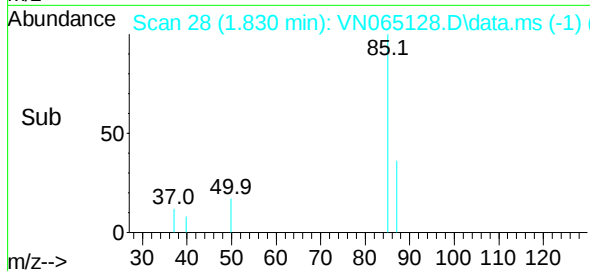
Abundance Scan 29 (1.833 min): VN065092.D\data.ms (-18) (#2)



Dichlorodifluoromethane  
Concen: 1.00 ug/l  
RT: 1.830 min Scan# 28  
Delta R.T. -0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57



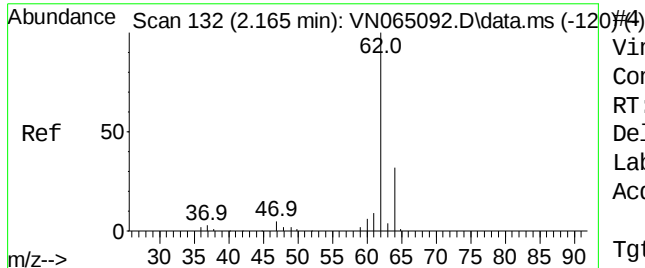
Tgt Ion: 85 Resp: 1648  
Ion Ratio Lower Upper  
85 100  
87 36.3 16.4 49.4



Instrument :  
MSVOA\_N  
ClientSampleId :  
TU032-32-7854-121120

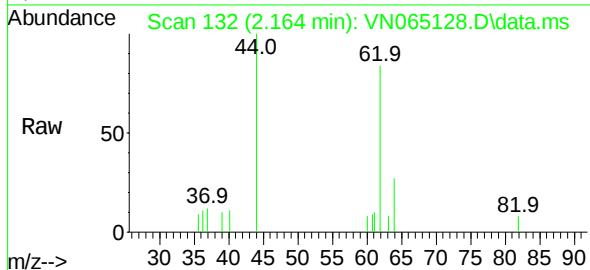
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Vinyl Chloride  
Concen: 1.75 ug/l  
RT: 2.164 min Scan# 132  
Delta R.T. -0.001 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

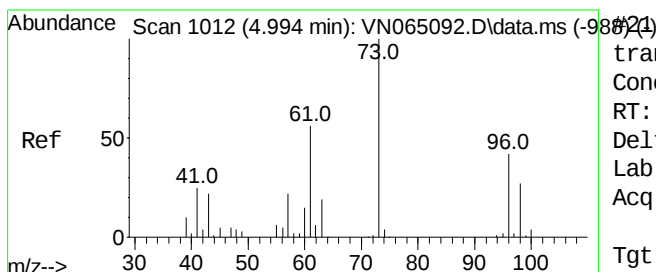
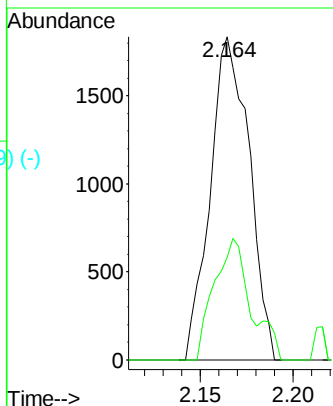
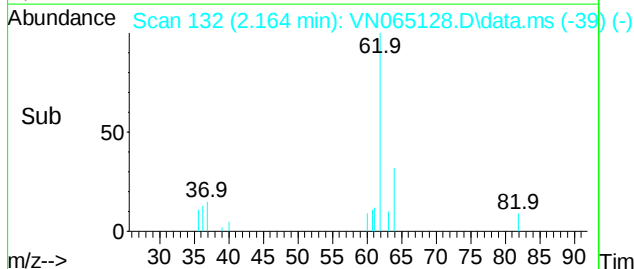
Instrument :  
MSVOA\_N  
ClientSampleId :  
TU032-32-7854-121120



Tgt Ion: 62 Resp: 2690  
Ion Ratio Lower Upper  
62 100  
64 31.7 26.5 39.7

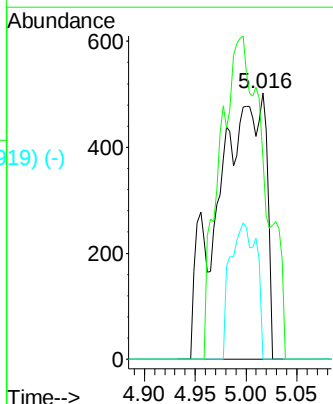
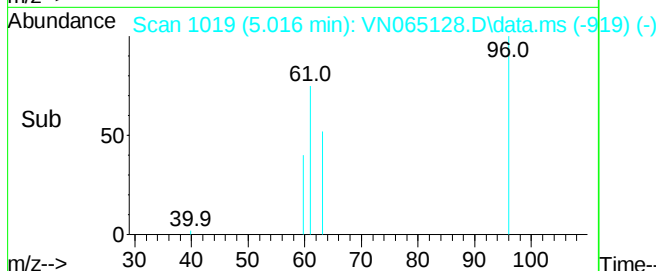
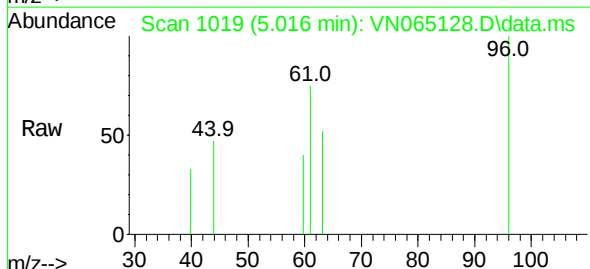
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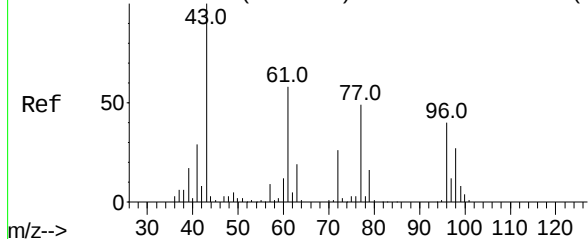


trans-1,2-Dichloroethene  
Concen: 1.01 ug/l m  
RT: 5.016 min Scan# 1019  
Delta R.T. 0.022 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

Tgt Ion: 96 Resp: 1637  
Ion Ratio Lower Upper  
96 100  
61 75.3 108.4 162.6#  
98 0.0 51.3 76.9#



Abundance Scan 1568 (6.782 min): VN065092.D\data.ms (-15427-)



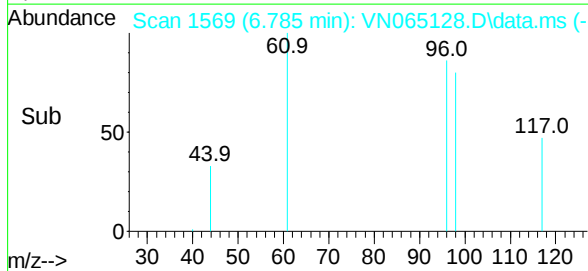
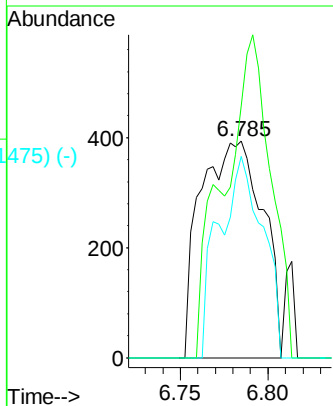
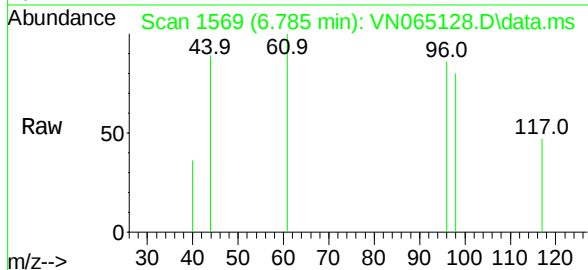
cis-1,2-Dichloroethene  
Concen: 0.53 ug/l  
RT: 6.785 min Scan# 1569  
Delta R.T. 0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 84.8  | 0.0   | 285.8 |
| 98      | 66.0  | 0.0   | 130.6 |

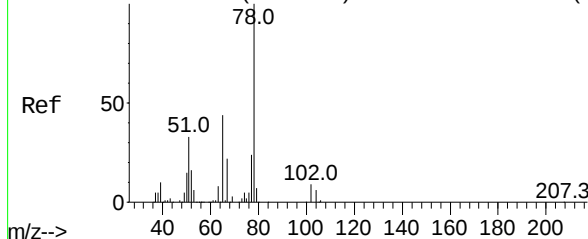
Instrument :  
MSVOA\_N  
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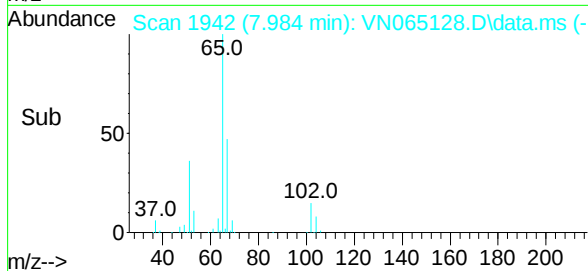
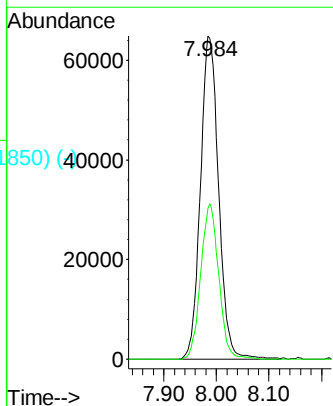
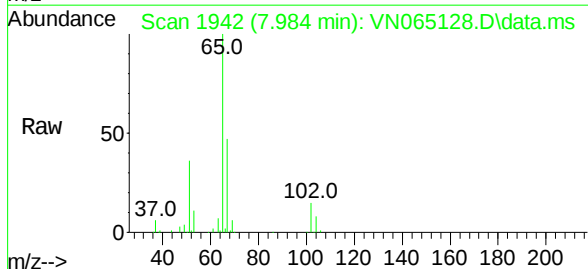


Abundance Scan 1943 (7.987 min): VN065092.D\data.ms (-19233-)

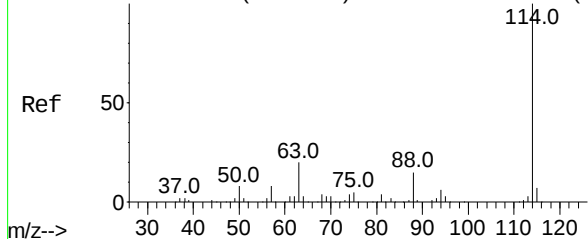


1,2-Dichloroethane-d4  
Concen: 81.63 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 47.1  | 0.0   | 108.2 |



Abundance Scan 2118 (8.550 min): VN065092.D\data.ms (-21094-)



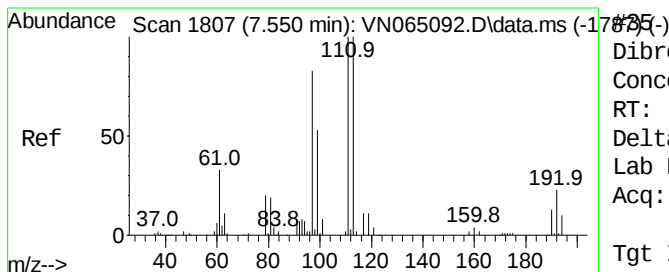
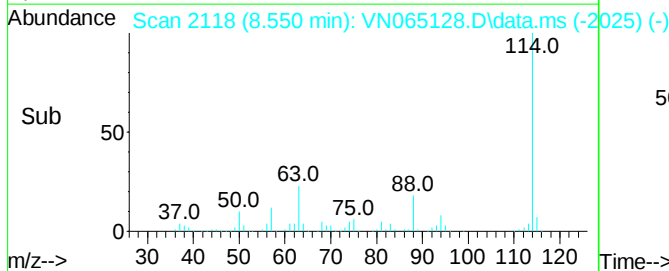
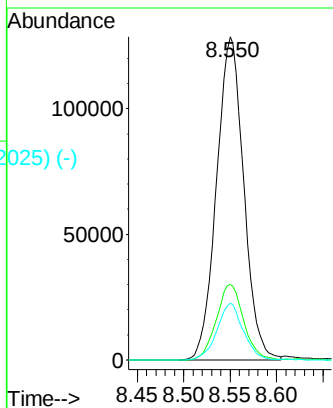
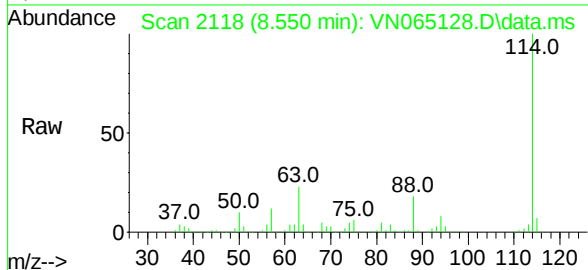
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.4  | 0.0   | 38.6  |
| 88      | 17.7  | 0.0   | 32.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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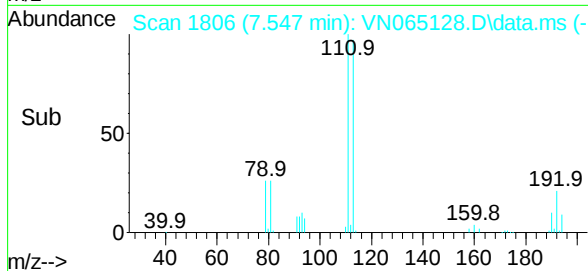
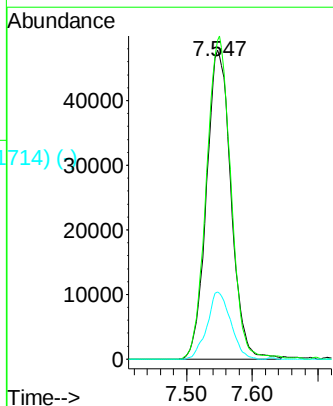
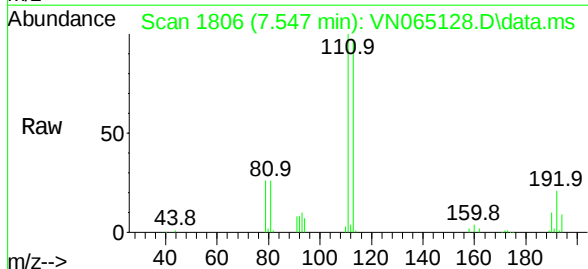
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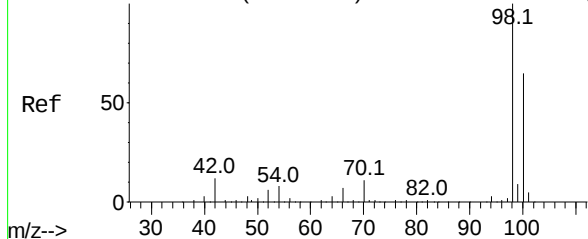


Dibromofluoromethane  
Concen: 67.66 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.1 | 81.6  | 122.4 |
| 192     | 20.9  | 16.2  | 24.2  |



Abundance Scan 2587 (10.058 min): VN065092.D\data.ms (-2550) (-)



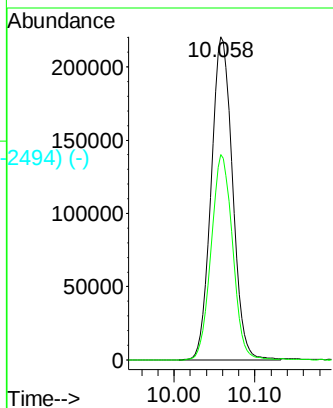
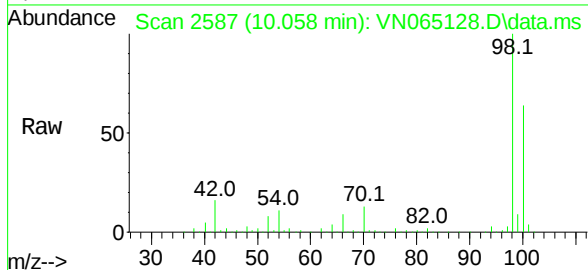
Toluene-d8  
Concen: 62.31 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. -0.000 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

Tgt Ion: 98 Resp: 402441  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.7 77.5

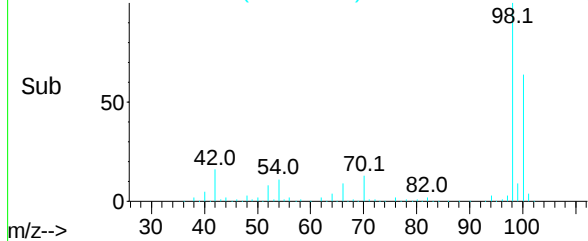
Instrument :  
MSVOA\_N  
ClientSampleId :  
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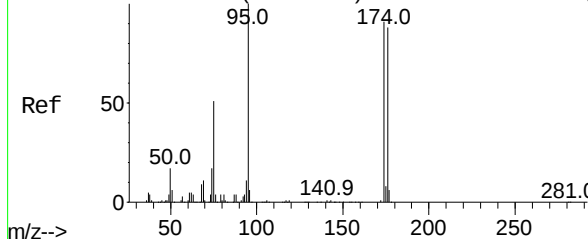
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Abundance Scan 2587 (10.058 min): VN065128.D\data.ms (-2494) (-)

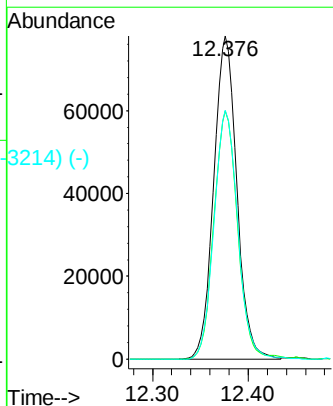
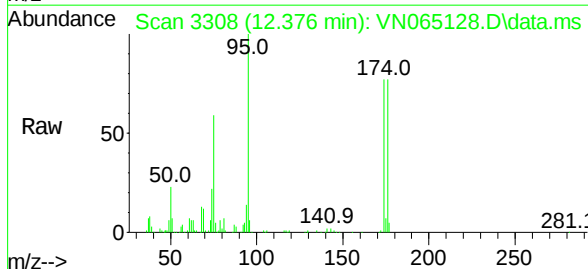


Abundance Scan 3307 (12.373 min): VN065092.D\data.ms (-3252) (-)

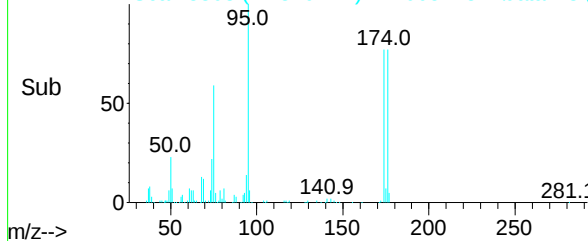


4-Bromofluorobenzene  
Concen: 58.88 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

Tgt Ion: 95 Resp: 130966  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 160.4  
176 79.0 0.0 158.4

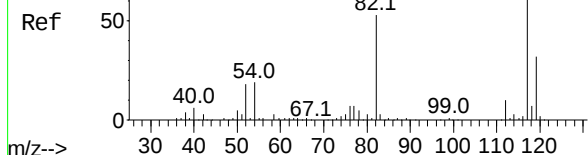


Abundance Scan 3308 (12.376 min): VN065128.D\data.ms (-3214) (-)



Abundance Scan 2998 (11.380 min): VN065092.D\data.ms (-2968) (-)

Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.379 min Scan# 2998  
Delta R.T. -0.001 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57

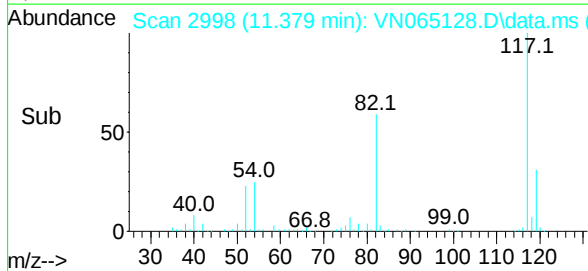
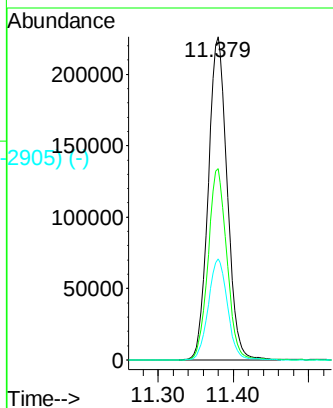
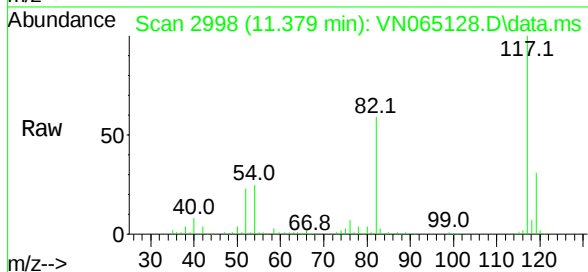


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.2  | 44.2  | 66.2  |
| 119     | 31.2  | 25.8  | 38.6  |

Instrument :  
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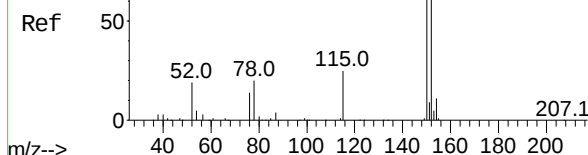
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Abundance Scan 3600 (13.315 min): VN065092.D\data.ms (-3576) (-)

1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.003 min  
Lab File: VN065128.D  
Acq: 15 Dec 2020 2:57



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.2  | 29.7  | 89.1  |
| 150     | 159.1 | 0.0   | 350.6 |

