

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN063020\  
 Data File : VN062236.D  
 Acq On : 30 Jun 2020 13:49  
 Operator : JC/MD  
 Sample : L3148-05 20X  
 Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EPEC-POLYMERS-05

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 10.059      | 2562          | 2577        | 2587         | rBV      | 754439         | 1391327       | 1.23%           | 0.484%        |
| 2         | 10.124      | 2587          | 2597        | 2611         | rVB      | 940583         | 1686296       | 1.49%           | 0.586%        |
| 3         | 11.378      | 2969          | 2987        | 3005         | rBV3     | 785448         | 1779820       | 1.58%           | 0.619%        |
| 4         | 11.921      | 3143          | 3156        | 3173         | rVB      | 938010         | 1535480       | 1.36%           | 0.534%        |
| 5         | 12.474      | 3309          | 3328        | 3347         | rVB      | 815087         | 1457929       | 1.29%           | 0.507%        |
| 6         | 12.651      | 3367          | 3383        | 3402         | rBV      | 37659551       | 66463618      | 58.91%          | 23.097%       |
| 7         | 12.751      | 3402          | 3414        | 3440         | rVB      | 30074452       | 52219772      | 46.28%          | 18.147%       |
| 8         | 13.320      | 3581          | 3591        | 3600         | rBV2     | 764521         | 1516060       | 1.34%           | 0.527%        |
| 9         | 14.352      | 3895          | 3912        | 3928         | rBV      | 53951660       | 112822591     | 100.00%         | 39.208%       |
| 10        | 14.680      | 3994          | 4014        | 4035         | rBV      | 17403733       | 30454140      | 26.99%          | 10.583%       |
| 11        | 14.840      | 4051          | 4064        | 4073         | rBV      | 957724         | 1645971       | 1.46%           | 0.572%        |
| 12        | 15.959      | 4396          | 4412        | 4427         | rBV      | 2506243        | 4863996       | 4.31%           | 1.690%        |
| 13        | 16.075      | 4428          | 4448        | 4475         | rVB      | 3382445        | 7097148       | 6.29%           | 2.466%        |
| 14        | 16.496      | 4561          | 4579        | 4613         | rVB      | 1151936        | 2818698       | 2.50%           | 0.980%        |

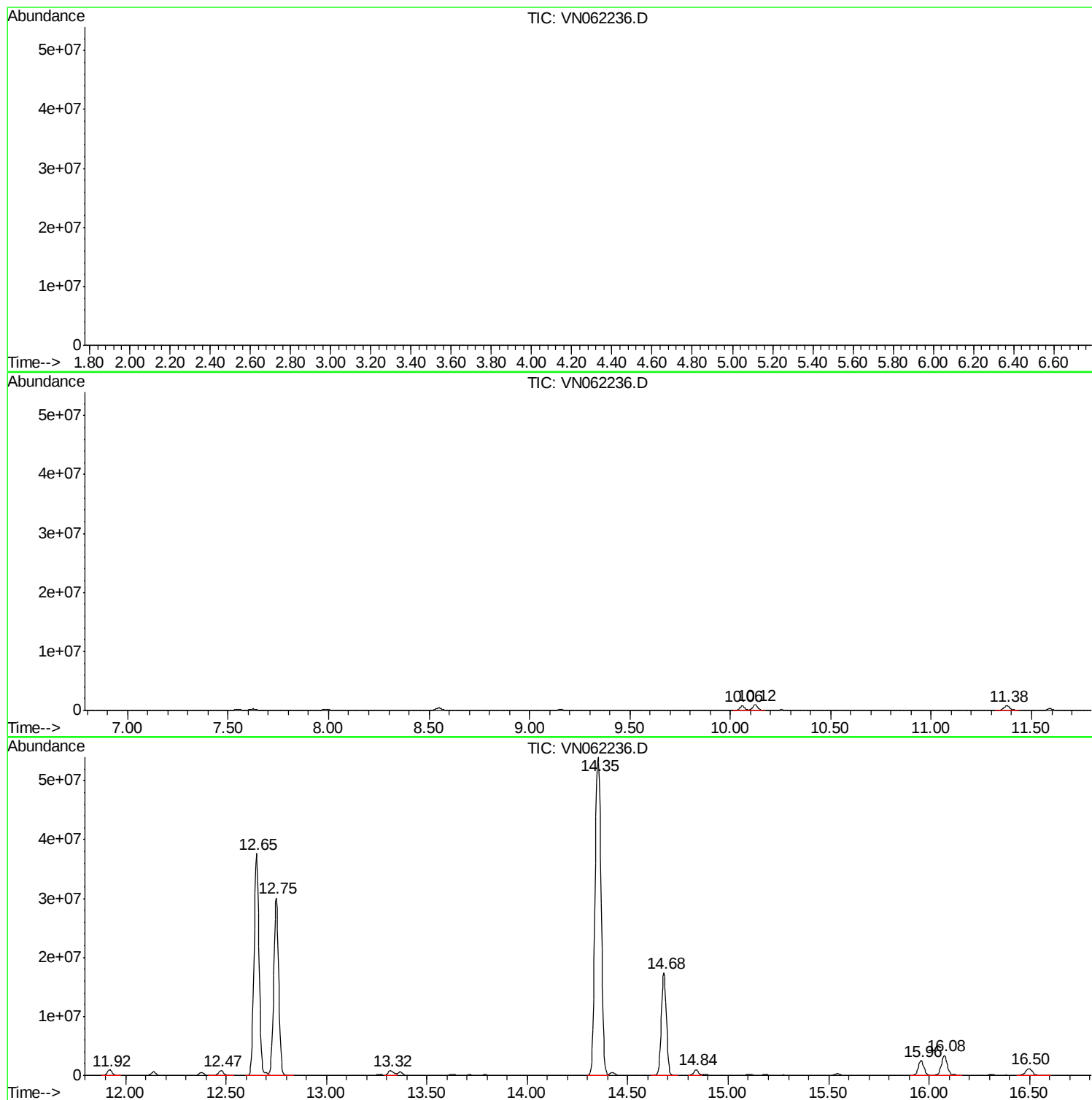
Sum of corrected areas: 287752846

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

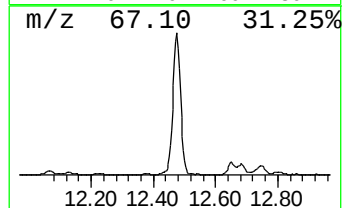
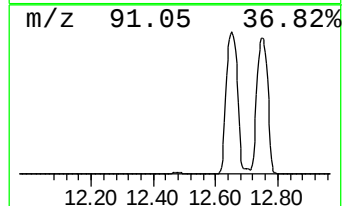
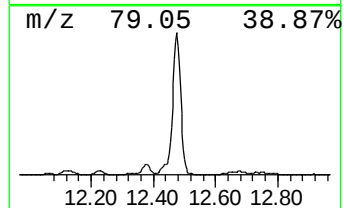
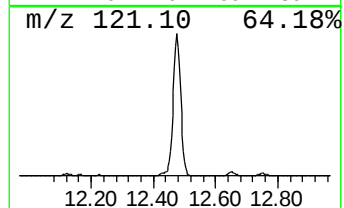
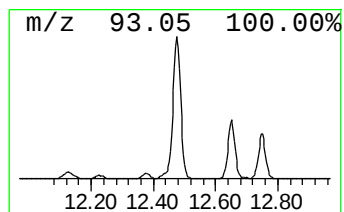
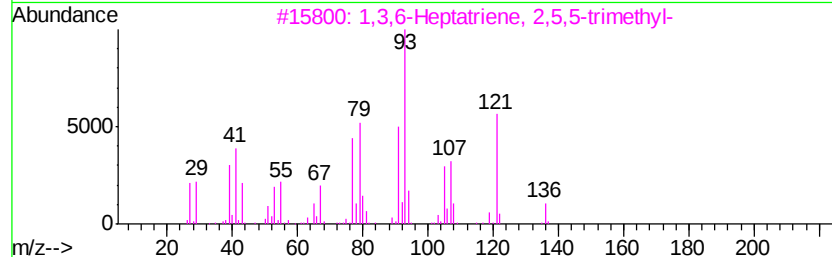
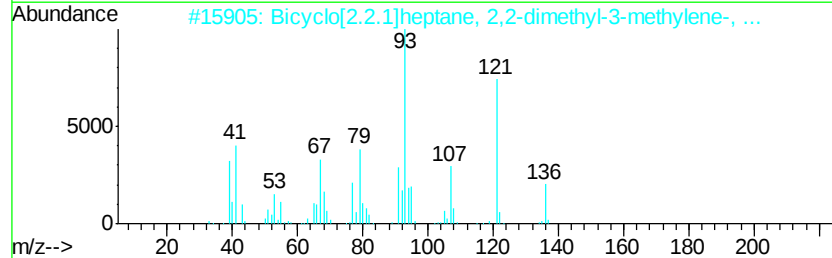
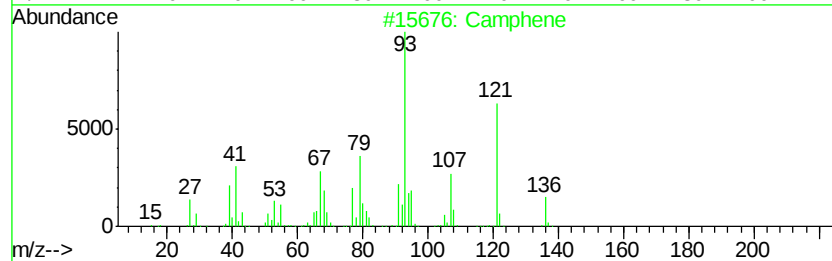
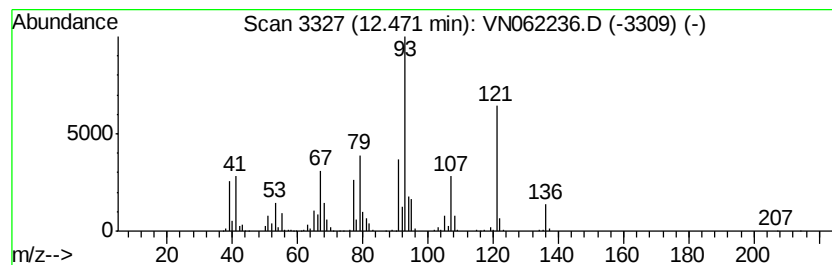
Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Camphene Concentration Rank 6

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.           |
|---------|-------------------------------------|--------------|------------------------|----------------|
| 12.47   | 48.08 ug/l                          | 1457930      | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | Camphene                            |              | 136 C10H16             | 000079-92-5 97 |
| 2       | Bicyclo[2.2.1]heptane, 2,2-dimet... |              | 136 C10H16             | 005794-04-7 97 |
| 3       | 1,3,6-Heptatriene, 2,5,5-trimethyl- |              | 136 C10H16             | 029548-02-5 91 |
| 4       | (+)-4-Carene                        |              | 136 C10H16             | 029050-33-7 87 |
| 5       | Santolina triene                    |              | 136 C10H16             | 002153-66-4 86 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

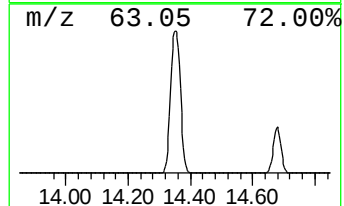
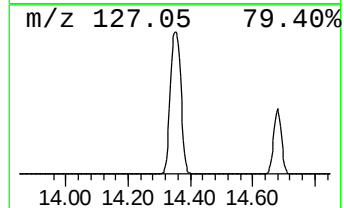
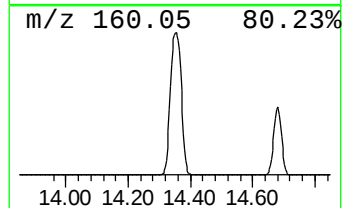
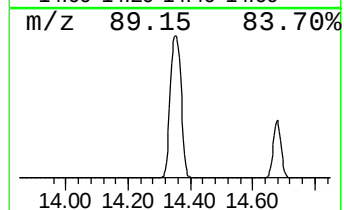
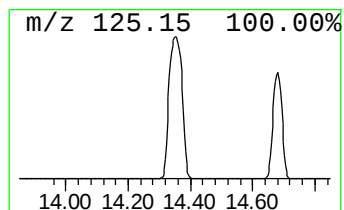
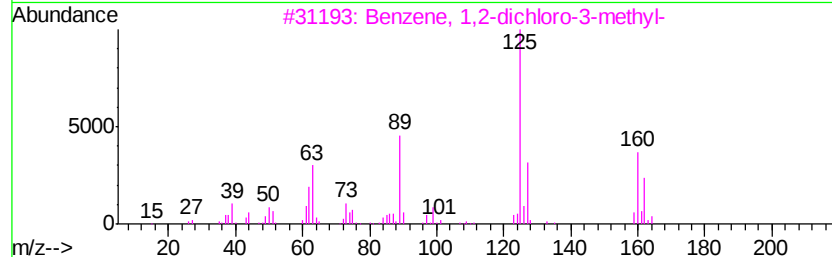
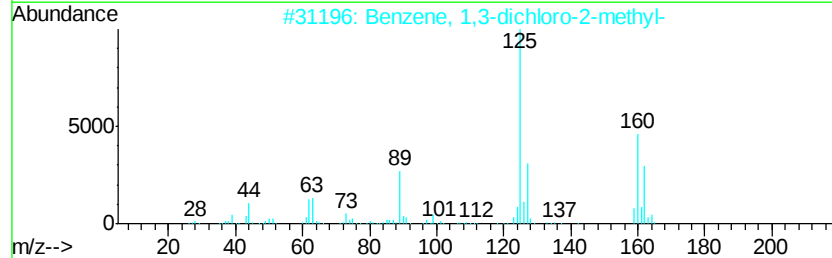
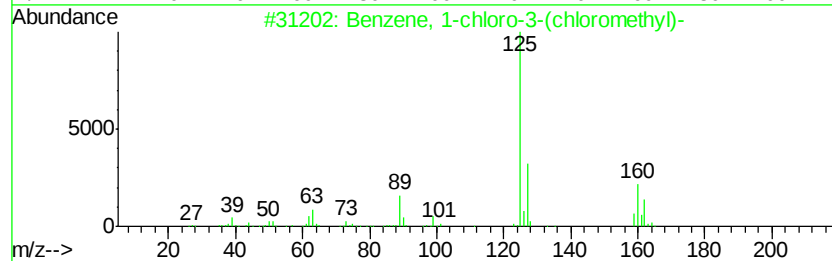
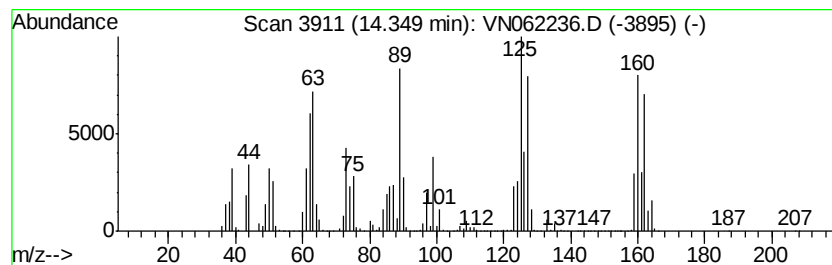
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1-chloro-3-(chloro... Concentration Rank 1

| R.T.  | EstConc      | Area      | Relative to ISTD       | R.T.  |
|-------|--------------|-----------|------------------------|-------|
| 14.35 | 3720.91 ug/l | 112823000 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-3-(chloromethyl)- | 160 | C7H6Cl2 | 000620-20-2 | 93   |
| 2    |    | Benzene, 1,3-dichloro-2-methyl-     | 160 | C7H6Cl2 | 000118-69-4 | 87   |
| 3    |    | Benzene, 1,2-dichloro-3-methyl-     | 160 | C7H6Cl2 | 032768-54-0 | 81   |
| 4    |    | Benzene, 1-chloro-2-(chloromethyl)- | 160 | C7H6Cl2 | 000611-19-8 | 74   |
| 5    |    | Benzene, 1-chloro-4-(chloromethyl)- | 160 | C7H6Cl2 | 000104-83-6 | 74   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

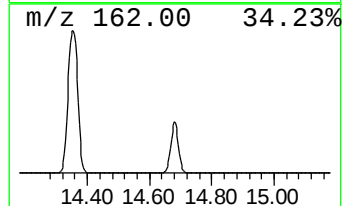
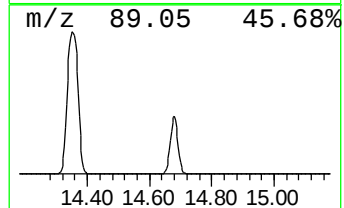
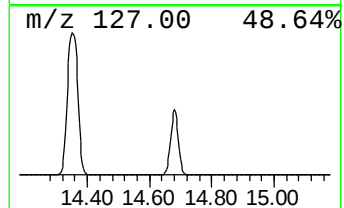
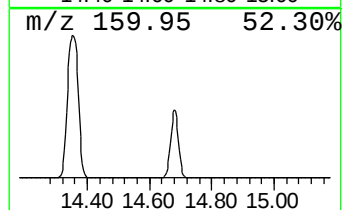
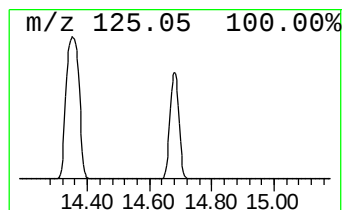
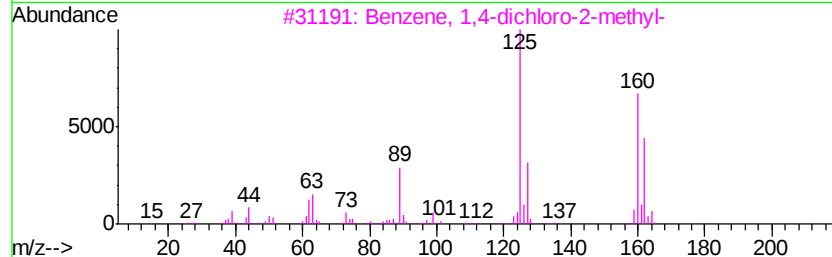
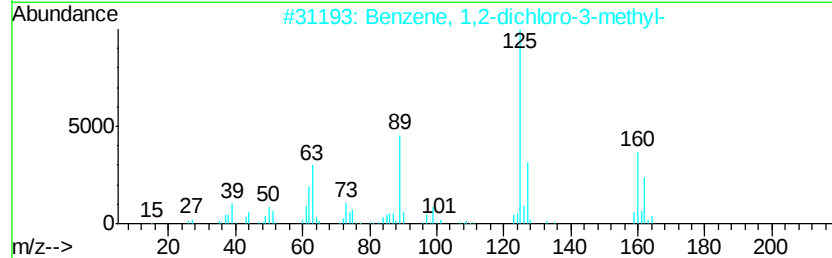
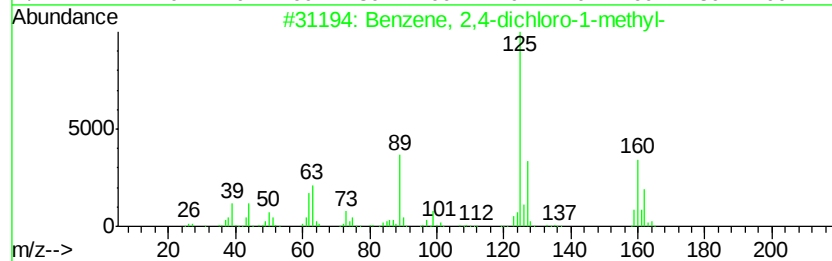
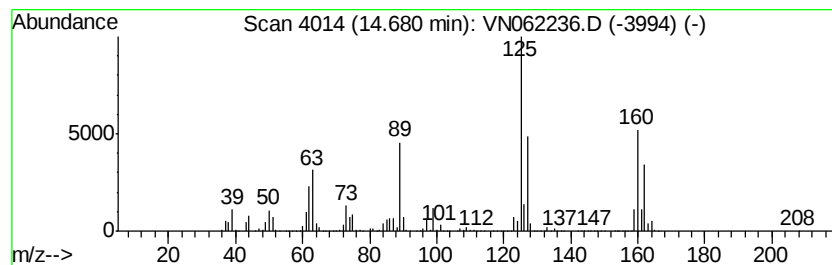
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzene, 2,4-dichloro-1-met... Concentration Rank 2

| R.T.  | EstConc      | Area     | Relative to ISTD       | R.T.  |
|-------|--------------|----------|------------------------|-------|
| 14.68 | 1004.38 ug/l | 30454100 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2,4-dichloro-1-methyl- | 160 | C7H6Cl2 | 000095-73-8 | 97   |
| 2    |    | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 97   |
| 3    |    | Benzene, 1,4-dichloro-2-methyl- | 160 | C7H6Cl2 | 019398-61-9 | 96   |
| 4    |    | Benzene, 1,2-dichloro-4-methyl- | 160 | C7H6Cl2 | 000095-75-0 | 95   |
| 5    |    | Benzene, 1,3-dichloro-2-methyl- | 160 | C7H6Cl2 | 000118-69-4 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96µ/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

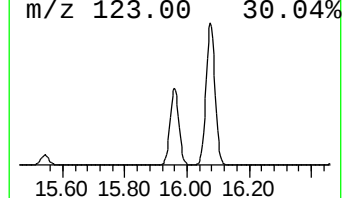
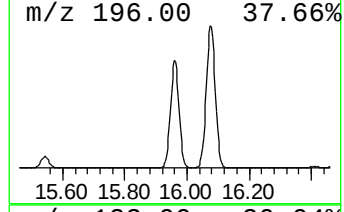
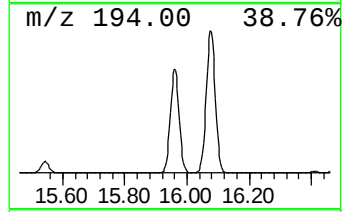
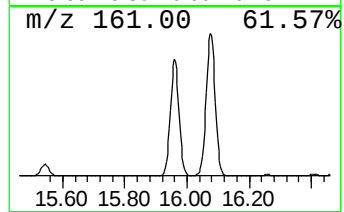
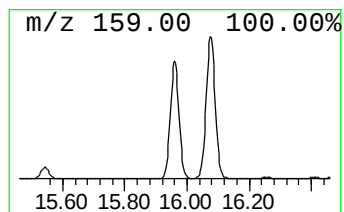
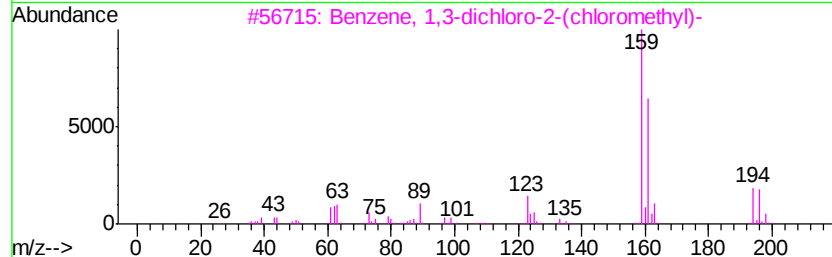
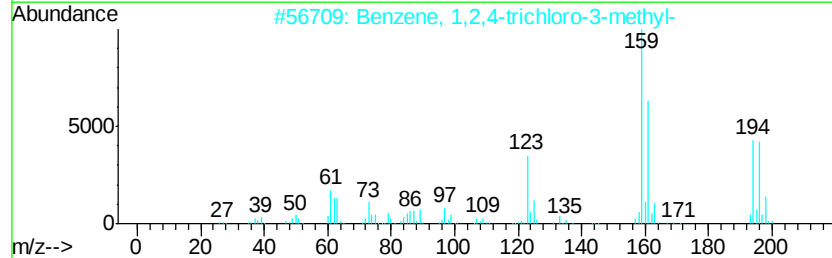
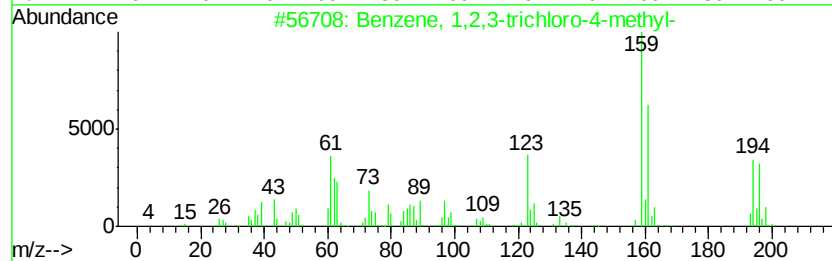
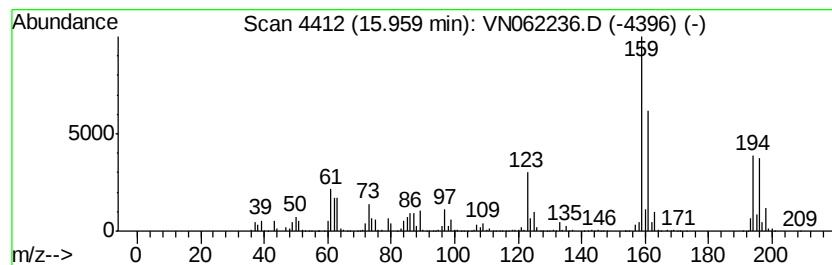
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzene, 1,2,3-trichloro-4-... Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.96 | 160.42 ug/l | 4864000 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trichloro-4-methyl-  | 194 | C7H5Cl3 | 007359-72-0 | 98   |
| 2    |    | Benzene, 1,2,4-trichloro-3-methyl-  | 194 | C7H5Cl3 | 002077-46-5 | 98   |
| 3    |    | Benzene, 1,3-dichloro-2-(chlorom... | 194 | C7H5Cl3 | 002014-83-7 | 98   |
| 4    |    | Benzene, 2,4-dichloro-1-(chlorom... | 194 | C7H5Cl3 | 000094-99-5 | 94   |
| 5    |    | 2,4,5-Trichlorotoluene              | 194 | C7H5Cl3 | 006639-30-1 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

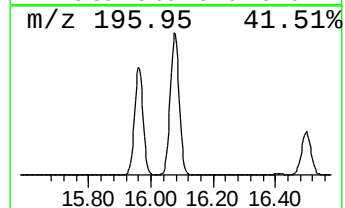
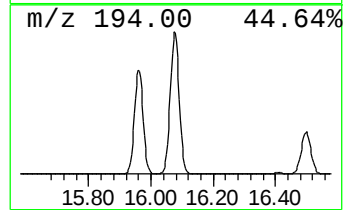
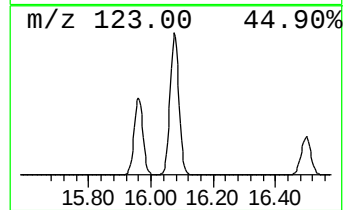
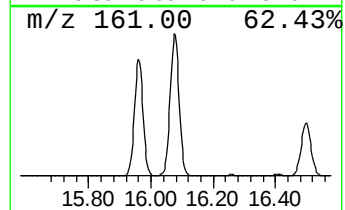
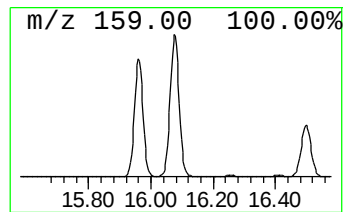
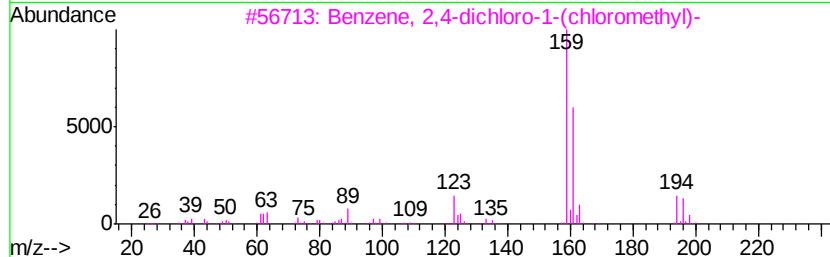
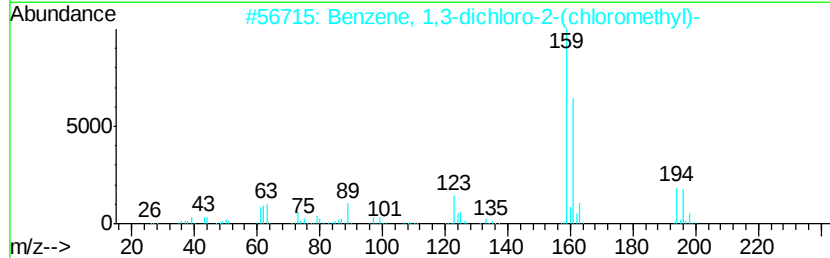
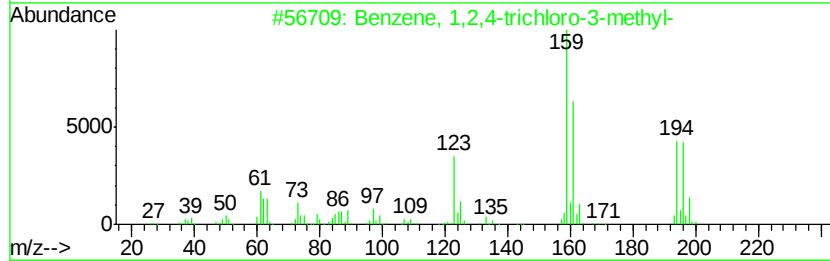
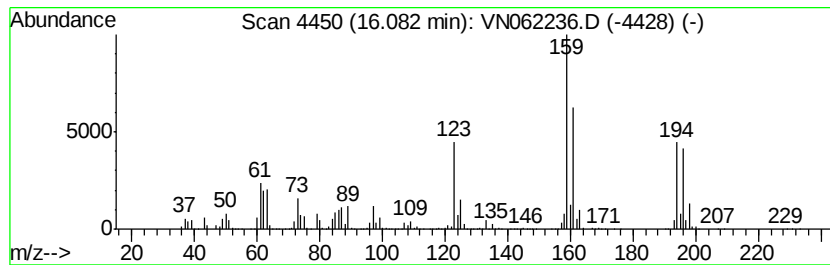
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 1,2,4-trichloro-3-... Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 16.08 | 234.07 ug/l | 7097150 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                            | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4-trichloro-3-methyl-      | 194 | C7H5Cl3 | 002077-46-5 | 99   |
| 2    |    | Benzene, 1,3-dichloro-2-(chloromethyl)- | 194 | C7H5Cl3 | 002014-83-7 | 95   |
| 3    |    | Benzene, 2,4-dichloro-1-(chloromethyl)- | 194 | C7H5Cl3 | 000094-99-5 | 95   |
| 4    |    | 2,4,5-Trichlorotoluene                  | 194 | C7H5Cl3 | 006639-30-1 | 95   |
| 5    |    | Benzene, 1,2-dichloro-3-(chloromethyl)- | 194 | C7H5Cl3 | 003290-01-5 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

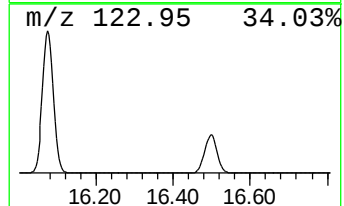
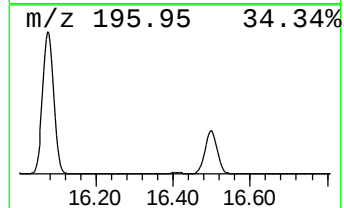
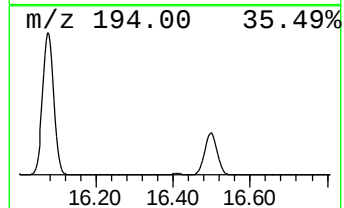
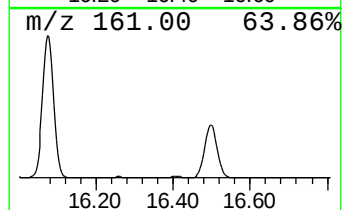
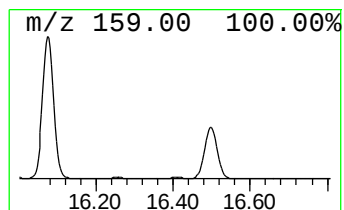
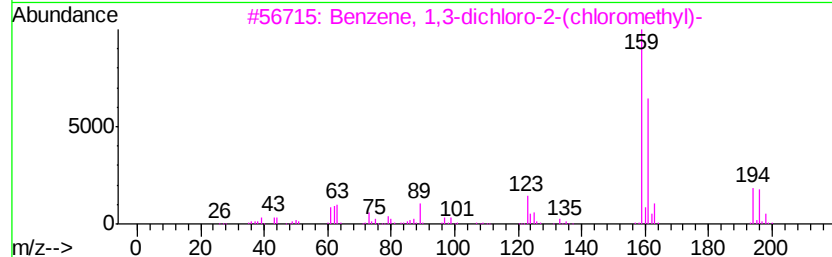
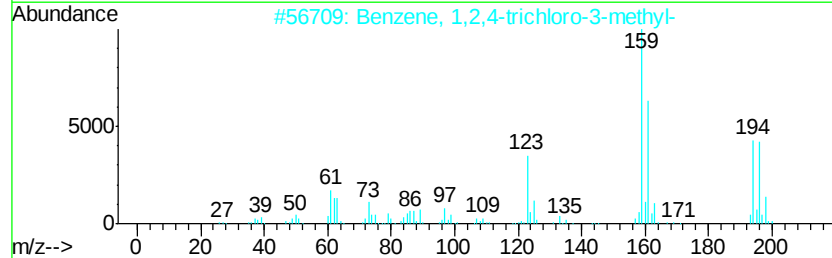
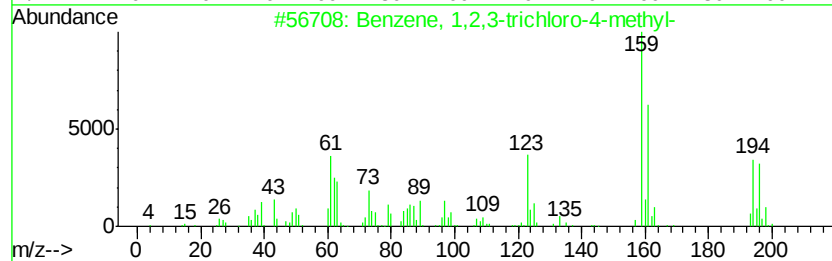
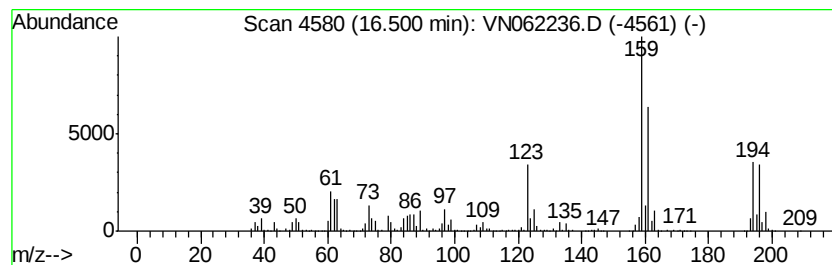
Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 1,3-dichloro-2-(ch... Concentration Rank 5

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 16.50     | 92.96 ug/l                          | 2818700 | 1,4-Dichlorobenzene-d4 | 13.32       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | Benzene, 1,2,3-trichloro-4-methyl-  | 194     | C7H5Cl3                | 007359-72-0 | 98   |
| 2         | Benzene, 1,2,4-trichloro-3-methyl-  | 194     | C7H5Cl3                | 002077-46-5 | 98   |
| 3         | Benzene, 1,3-dichloro-2-(chlorom... | 194     | C7H5Cl3                | 002014-83-7 | 96   |
| 4         | 2,4,5-Trichlorotoluene              | 194     | C7H5Cl3                | 006639-30-1 | 95   |
| 5         | Benzene, 1,3-dichloro-5-(chlorom... | 194     | C7H5Cl3                | 003290-06-0 | 94   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN063020\  
Data File : VN062236.D  
Acq On : 30 Jun 2020 13:49  
Operator : JC/MD  
Sample : L3148-05 20X  
Misc : 4.96g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EPEC-POLYMERS-05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response  | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|-----------|-----------------------|-------|---------|------|
|                      |       |         |       |           | #                     | RT    | Resp    | Conc |
| Camphene             | 12.47 | 48.1    | ug/l  | 1457930   | 4                     | 13.32 | 1516060 | 50.0 |
| Benzene, 1-chloro... | 14.35 | 3720.9  | ug/l  | 112823000 | 4                     | 13.32 | 1516060 | 50.0 |
| Benzene, 2,4-dich... | 14.68 | 1004.4  | ug/l  | 30454100  | 4                     | 13.32 | 1516060 | 50.0 |
| Benzene, 1,2,3-tr... | 15.96 | 160.4   | ug/l  | 4864000   | 4                     | 13.32 | 1516060 | 50.0 |
| Benzene, 1,2,4-tr... | 16.08 | 234.1   | ug/l  | 7097150   | 4                     | 13.32 | 1516060 | 50.0 |
| Benzene, 1,3-dich... | 16.50 | 93.0    | ug/l  | 2818700   | 4                     | 13.32 | 1516060 | 50.0 |