

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\  
 Data File : VD062490.D  
 Acq On : 21 May 2019 19:20  
 Operator : VA/AP  
 Sample : K2971-11  
 Misc : 7.14g/5ml/MSVOA D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SUP-2A-G-11-052019

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\_D\METHOD\82D052019S.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         | 1.484       | 3             | 6           | 23           | rVB      | 228884         | 747667        | 41.72%          | 6.699%        |
| 2         | 3.806       | 237           | 242         | 250          | rBV      | 27376          | 80286         | 4.48%           | 0.719%        |
| 3         | 6.149       | 474           | 480         | 488          | rBV2     | 13966          | 48726         | 2.72%           | 0.437%        |
| 4         | 6.916       | 551           | 558         | 564          | rBV      | 250625         | 694986        | 38.78%          | 6.227%        |
| 5         | 7.034       | 564           | 570         | 586          | rVB      | 529019         | 1512673       | 84.40%          | 13.553%       |
| 6         | 7.448       | 605           | 612         | 624          | rBV      | 151187         | 410872        | 22.92%          | 3.681%        |
| 7         | 8.215       | 683           | 690         | 700          | rBV      | 646868         | 1650005       | 92.06%          | 14.784%       |
| 8         | 10.400      | 907           | 912         | 919          | rBV      | 549361         | 1171323       | 65.35%          | 10.495%       |
| 9         | 10.498      | 919           | 922         | 927          | rVB      | 18853          | 36847         | 2.06%           | 0.330%        |
| 10        | 11.226      | 991           | 996         | 1002         | rBV2     | 6845           | 19902         | 1.11%           | 0.178%        |
| 11        | 12.358      | 1107          | 1111        | 1123         | rBV      | 1023491        | 1712429       | 95.54%          | 15.343%       |
| 12        | 13.549      | 1229          | 1232        | 1236         | rBV      | 698626         | 962235        | 53.69%          | 8.622%        |
| 13        | 13.706      | 1246          | 1248        | 1253         | rBV      | 22976          | 33954         | 1.89%           | 0.304%        |
| 14        | 14.051      | 1280          | 1283        | 1290         | rBB      | 205604         | 267413        | 14.92%          | 2.396%        |
| 15        | 14.297      | 1304          | 1308        | 1314         | rBV2     | 14332          | 19216         | 1.07%           | 0.172%        |
| 16        | 14.513      | 1327          | 1330        | 1334         | rBV      | 1477045        | 1792292       | 100.00%         | 16.059%       |

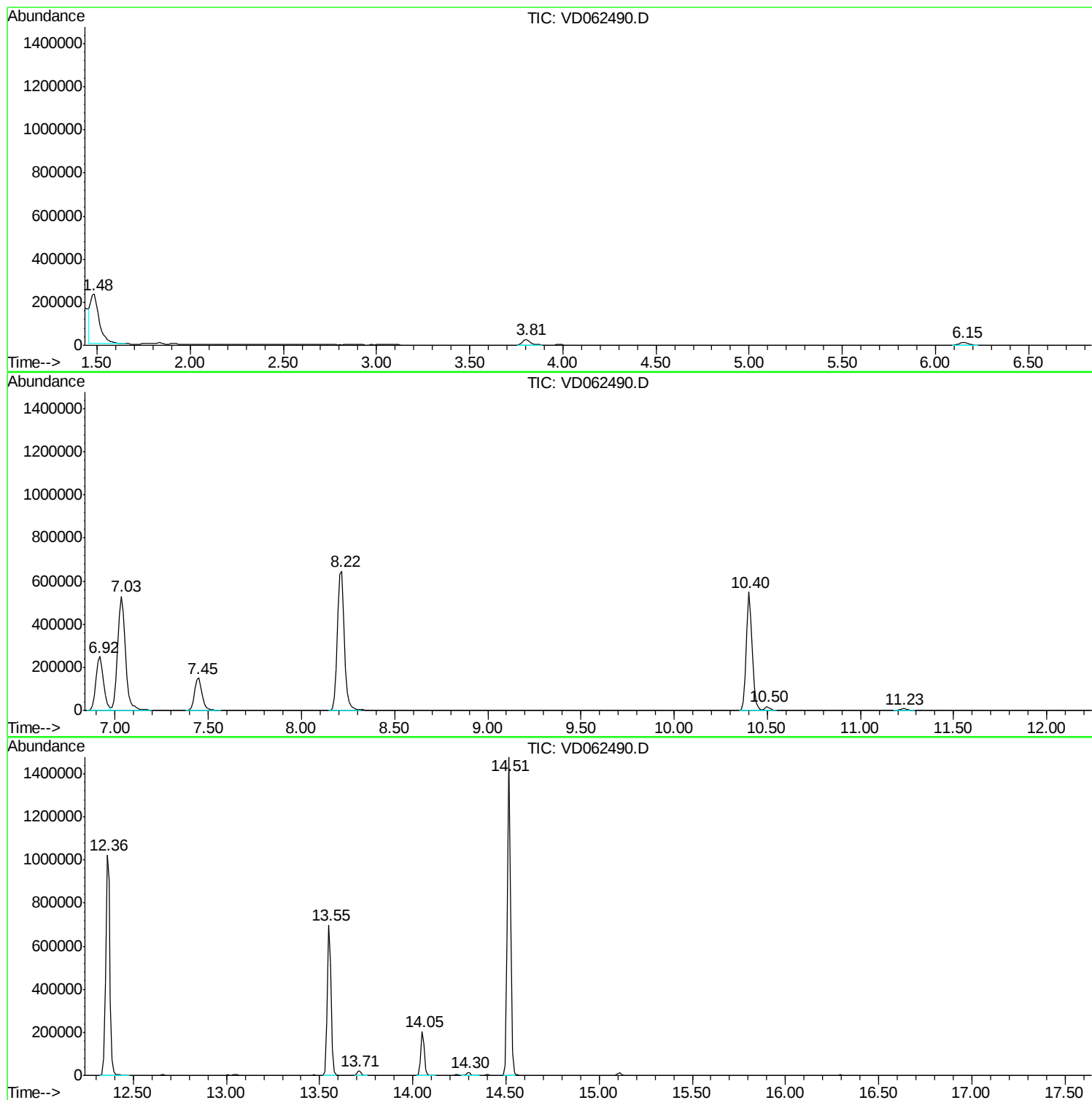
Sum of corrected areas: 11160826

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
Quant Title : SW846 8260

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



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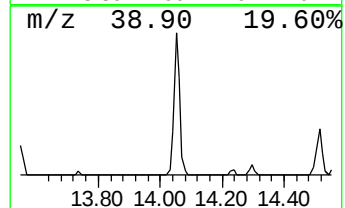
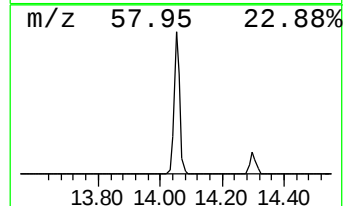
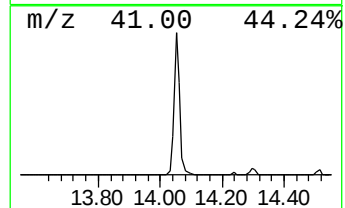
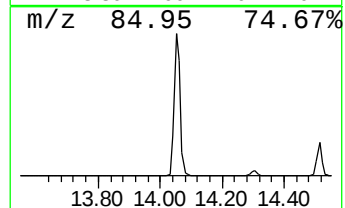
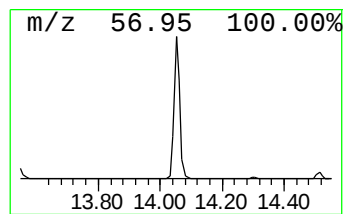
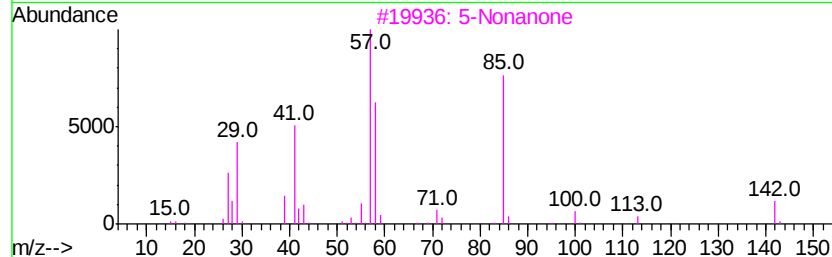
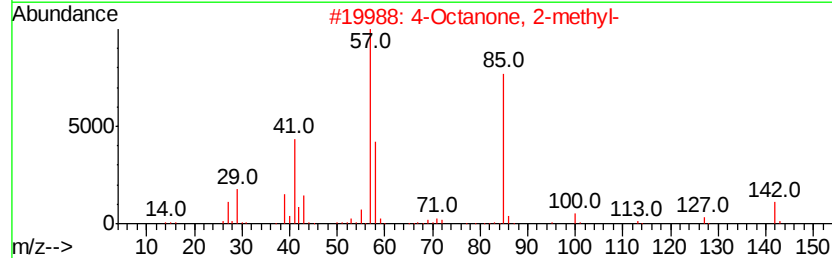
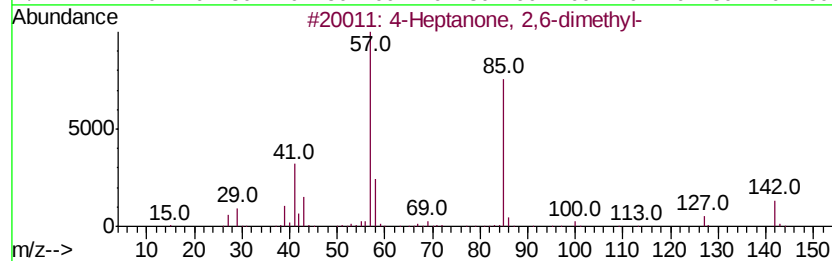
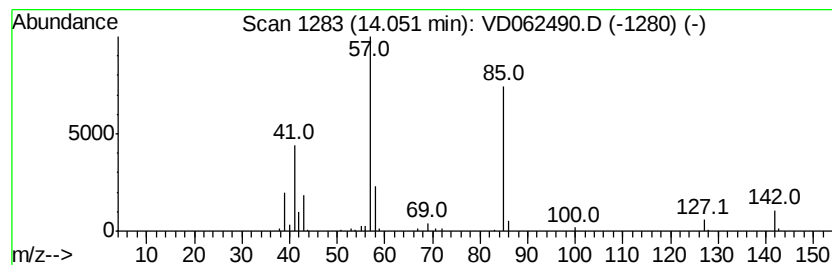
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
Quant Title : SW846 8260

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

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Peak Number 2 4-Heptanone, 2,6-dimethyl- Concentration Rank 2

| R.T.      | EstConc                    | Area   | Relative to ISTD       | R.T.        |      |
|-----------|----------------------------|--------|------------------------|-------------|------|
| 14.05     | 7.46 ug/l                  | 267413 | 1,4-Dichlorobenzene-d4 | 14.51       |      |
| Hit# of 5 | Tentative ID               | MW     | MolForm                | CAS#        | Qual |
| 1         | 4-Heptanone, 2,6-dimethyl- | 142    | C9H18O                 | 000108-83-8 | 94   |
| 2         | 4-Octanone, 2-methyl-      | 142    | C9H18O                 | 007492-38-8 | 80   |
| 3         | 5-Nonanone                 | 142    | C9H18O                 | 000502-56-7 | 72   |
| 4         | t-Butyl isobutyl ketone    | 142    | C9H18O                 | 014705-50-1 | 72   |
| 5         | Allyl isovalerate          | 142    | C8H14O2                | 002835-39-4 | 45   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 4-Heptanone, 2,6-... | 14.05 | 7.5     | ug/l  | 267413   | 4                     | 14.51 | 1792290 | 50.0 |