LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
Data File : VD072917.D
Acq On : 10 May 2022 16:31
Operator : VA/SY
Sample : N2769-01
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

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\82D050222S.M
Title : SW846 8260

Signal : TIC: VD072917.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.897 | 1011 | 1016 | 1017 | rBV2 | 7556 | 7754 | 2.42% | 0.823% |
| 2 | 7.914 | 1017 | 1019 | 1023 | rVV4 | 8999 | 11807 | 3.68% | 1.254% |
| 3 | 7.967 | 1025 | 1028 | 1038 | rVB4 | 14516 | 32681 | 10.18% | 3.471% |
| 4 | 8.320 | 1081 | 1088 | 1097 | rVB2 | 11180 | 25778 | 8.03% | 2.738% |
| 5 | 8.567 | 1125 | 1130 | 1131 | rBV3 | 2294 | 3781 | 1.18% | 0.402% |
| 6 | 8.856 | 1171 | 1179 | 1187 | rBV | 24892 | 53349 | 16.62% | 5.666% |
| 7 | 9.097 | 1216 | 1220 | 1222 | rBV5 | 2975 | 3493 | 1.09% | 0.371% |
| 8 | 9.320 | 1257 | 1258 | 1261 | rBV3 | 4678 | 4270 | 1.33% | 0.453% |
| 9 | 9.532 | 1292 | 1294 | 1299 | rVB5 | 3348 | 4207 | 1.31% | 0.447% |
| 10 | 9.685 | 1317 | 1320 | 1325 | rBV7 | 4328 | 5993 | 1.87% | 0.636% |
| 11 | 9.773 | 1332 | 1335 | 1336 | rBV3 | 4373 | 4087 | 1.27% | 0.434% |
| 12 | 10.050 | 1380 | 1382 | 1385 | rVB4 | 4131 | 3521 | 1.10% | 0.374% |
| 13 | 10.332 | 1422 | 1430 | 1435 | rBV | 38402 | 71491 | 22.27% | 7.592% |
| 14 | 10.391 | 1438 | 1440 | 1441 | rBV | 4831 | 3889 | 1.21% | 0.413% |
| 15 | 11.638 | 1648 | 1652 | 1657 | rVB3 | 30057 | 45970 | 14.32% | 4.882% |
| 16 | 12.697 | 1827 | 1832 | 1833 | rBV3 | 65008 | 96513 | 30.07% | 10.249% |
| 17 | 13.120 | 1894 | 1904 | 1905 | rBV3 | 148839 | 320995 | 100.00% | 34.089% |
| 18 | 13.567 | 1975 | 1980 | 1984 | rBV7 | 41081 | 96990 | 30.22% | 10.300% |
| 19 | 14.096 | 2068 | 2070 | 2072 | rBV2 | 25029 | 25096 | 7.82% | 2.665% |
| 20 | 15.308 | 2274 | 2276 | 2279 | rBV4 | 9756 | 7271 | 2.27% | 0.772% |
| 21 | 15.767 | 2345 | 2354 | 2363 | rVB4 | 32124 | 104622 | 32.59% | 11.111% |
| 22 | 16.379 | 2457 | 2458 | 2461 | rVB3 | 6024 | 4086 | 1.27% | 0.434% |
| 23 | 16.596 | 2493 | 2495 | 2497 | rVB3 | 5205 | 4001 | 1.25% | 0.425% |

Sum of corrected areas: 941645

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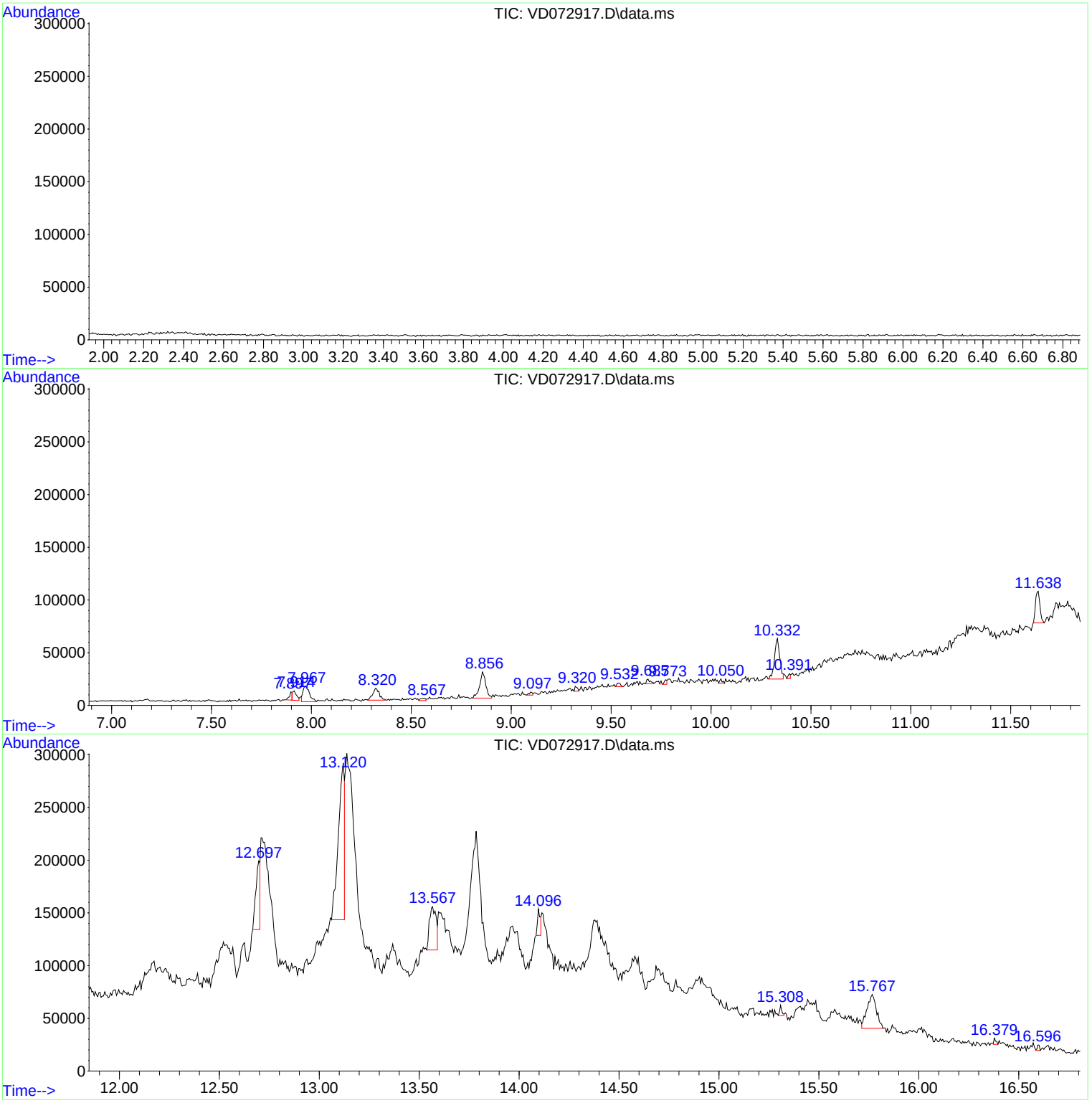
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VD072917.D
Acq On : 10 May 2022 16:31
Operator : VA/SY
Sample : N2769-01
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

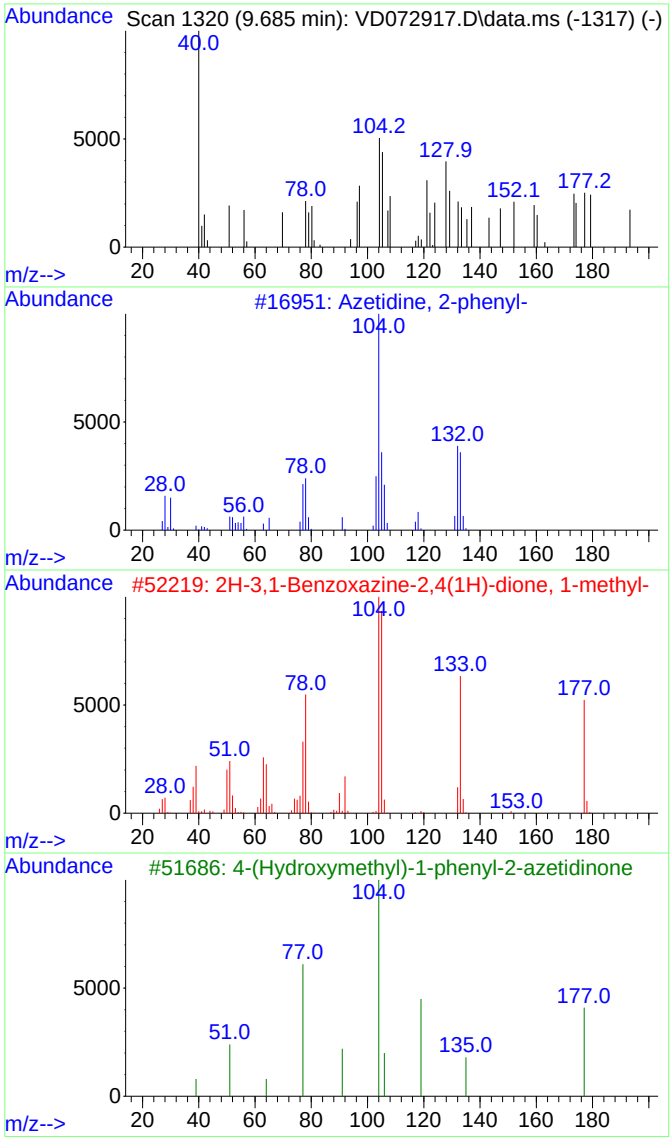
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

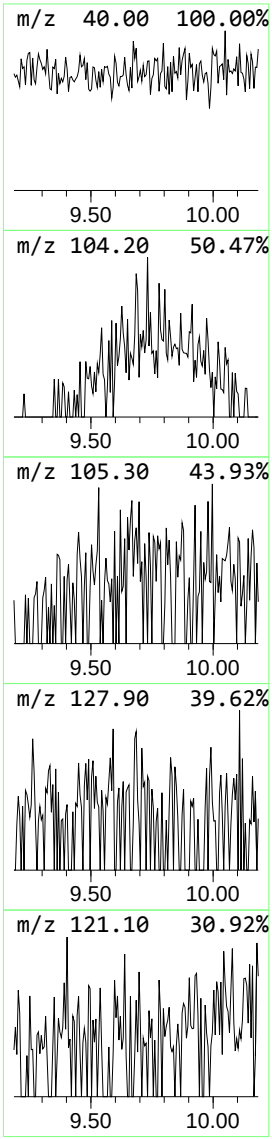
**********

Peak Number 1 unknown9.685 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.685 | 5.62 ug/l | 5993 | 1,4-Difluorobenzene | 8.856 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azetidine, 2-phenyl- | 133 | C9H11N | 022610-18-0 | 10 |
| 2 | 2H-3,1-Benzoxazine-2,4(1H)-dione... | 177 | C9H7NO3 | 010328-92-4 | 9 |
| 3 | 4-(Hydroxymethyl)-1-phenyl-2-aze... | 177 | C10H11NO2 | 065837-49-2 | 9 |
| 4 | 6-Chloro-2,4-dimethoxypyrimidine | 174 | C6H7ClN2O2 | 006320-15-6 | 9 |
| 5 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 9 |



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Operator : VA/SY
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Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

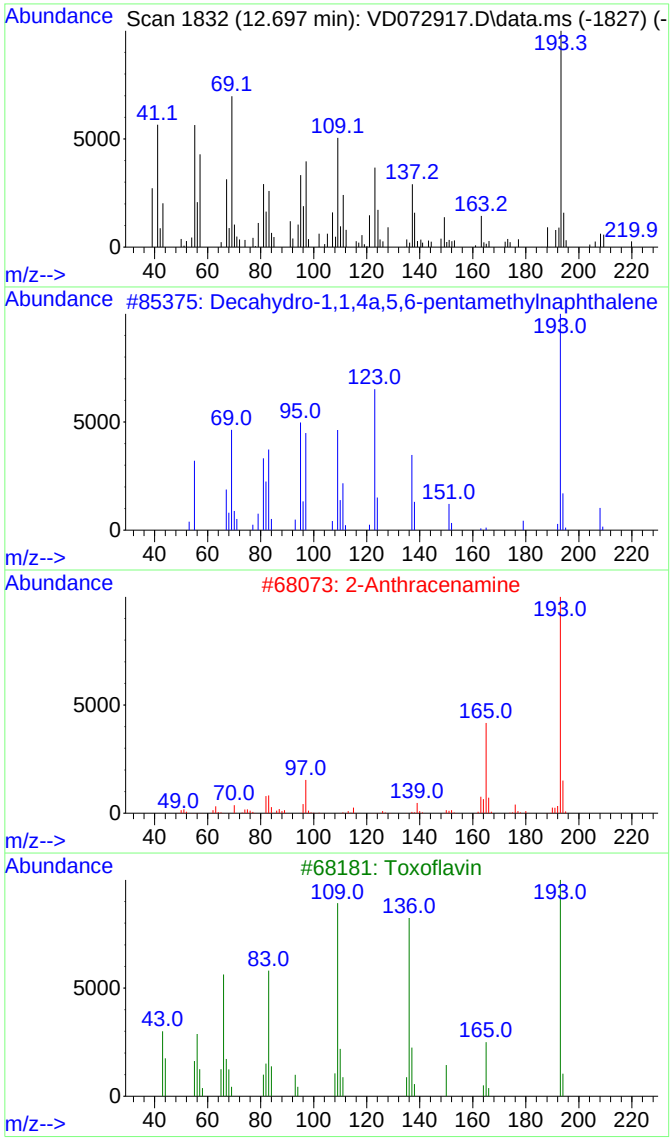
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

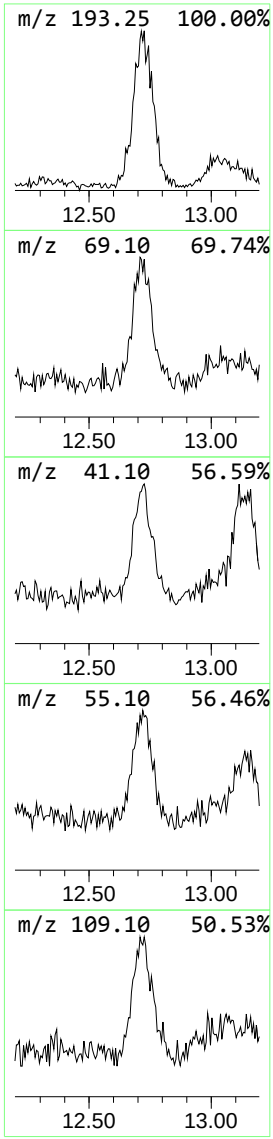
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.697 | 49.75 ug/l | 96513 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 60 |
| 2 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 38 |
| 3 | Toxoflavin | 193 | C7H7N5O2 | 000084-82-2 | 35 |
| 4 | Acetylene, 1-(2-aminophenyl)-2-p... | 193 | C14H11N | 1000380-73-4 | 25 |
| 5 | 1H-Indole, 2-phenyl- | 193 | C14H11N | 000948-65-2 | 25 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
Data File : VD072917.D
Acq On : 10 May 2022 16:31
Operator : VA/SY
Sample : N2769-01
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

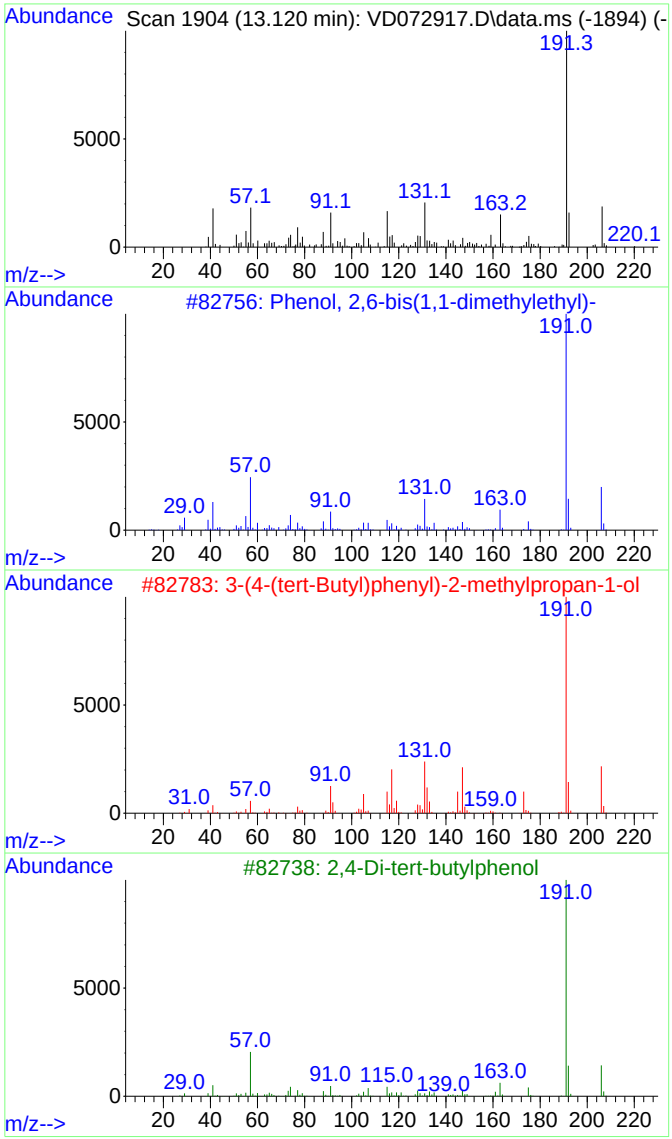
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

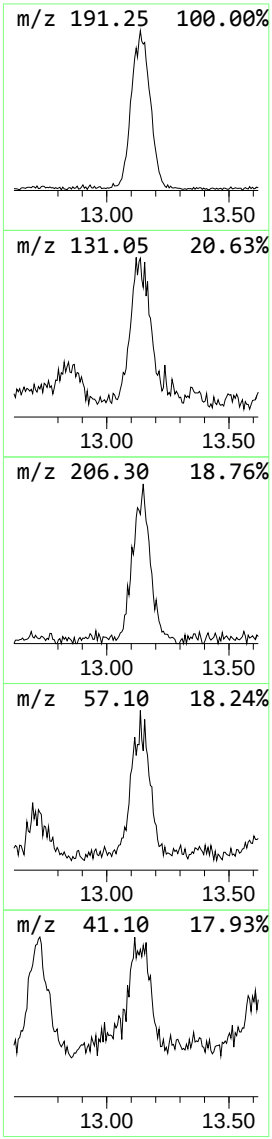
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.120 | 165.48 ug/l | 320995 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 93 |
| 2 | 3-(4-(tert-Butyl)phenyl)-2-methy... | 206 | C14H22O | 056107-04-1 | 81 |
| 3 | 2,4-Di-tert-butylphenol | 206 | C14H22O | 000096-76-4 | 74 |
| 4 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 206 | C14H22O | 005875-45-6 | 72 |
| 5 | 3-(4-tert-Butylphenyl)propanoic ... | 206 | C13H18O2 | 001208-64-6 | 68 |



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Operator : VA/SY
Sample : N2769-01
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

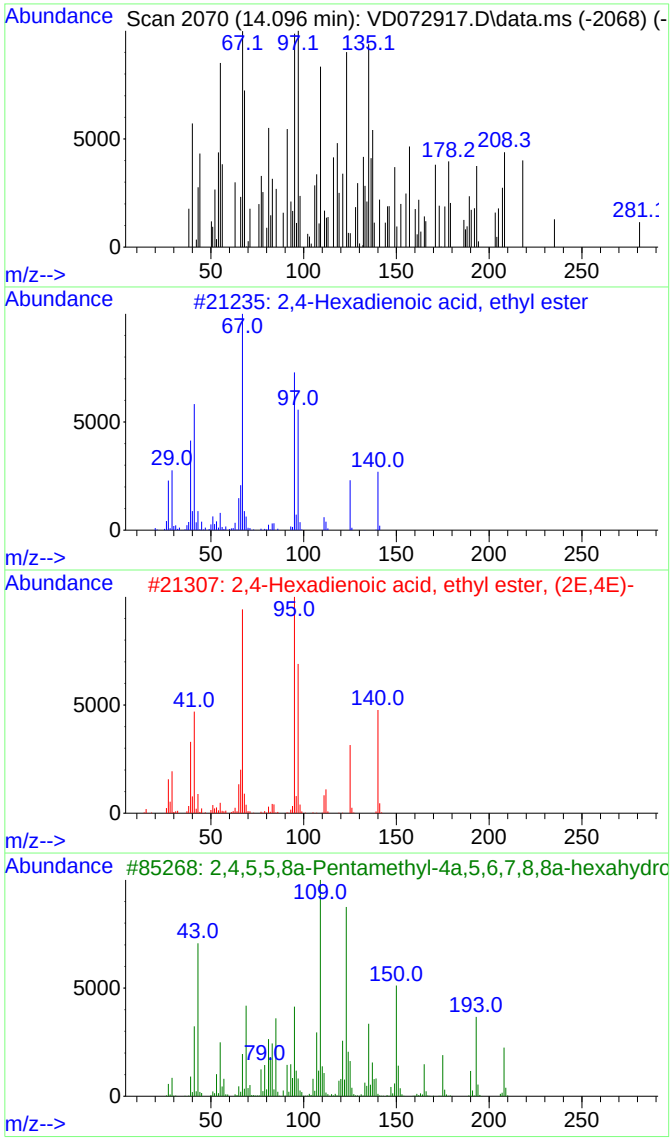
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

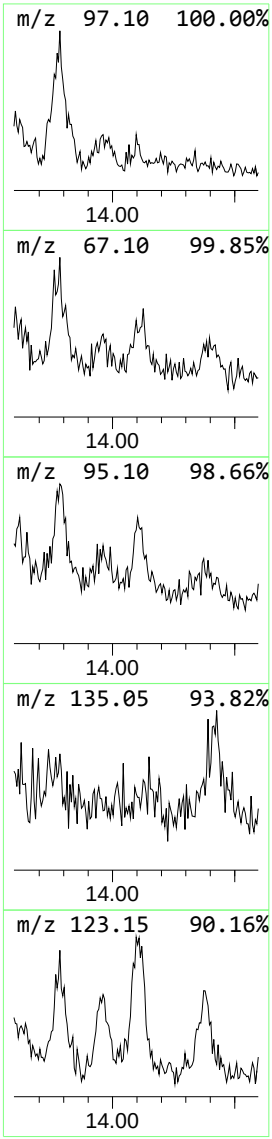
**********

Peak Number 4 unknown14.097 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.097 | 12.94 ug/l | 25096 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Hexadienoic acid, ethyl ester | 140 | C8H12O2 | 110318-09-7 | 22 |
| 2 | 2,4-Hexadienoic acid, ethyl este... | 140 | C8H12O2 | 002396-84-1 | 22 |
| 3 | 2,4,5,5,8a-Pentamethyl-4a,5,6,7,... | 208 | C14H24O | 1010195-30-1 | 14 |
| 4 | 2R-Acetoxymethyl-1,3,3-trimethyl... | 282 | C17H30O3 | 1000146-23-9 | 14 |
| 5 | 4,7-Methano-1H-indene, octahydro- | 136 | C10H16 | 006004-38-2 | 11 |



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ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
CL-02-051022

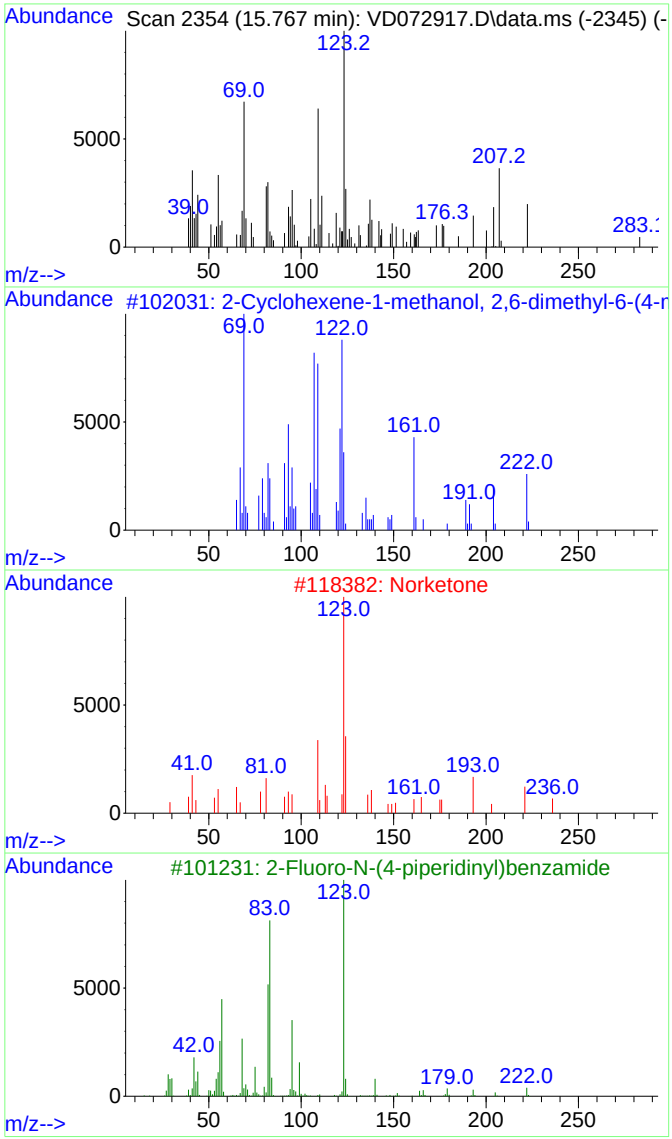
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

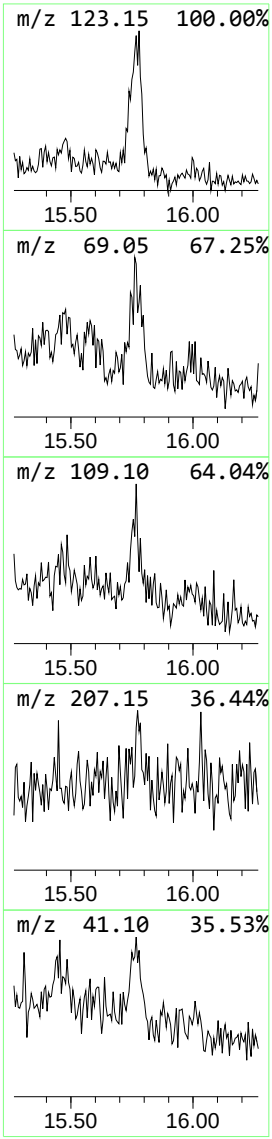
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 unknown15.767 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.767 | 53.93 ug/l | 104622 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexene-1-methanol, 2,6-di... | 222 | C15H26O | 038142-34-6 | 38 |
| 2 | Norketone | 236 | C14H20O3 | 023983-84-8 | 38 |
| 3 | 2-Fluoro-N-(4-piperidinyl)benzamide | 222 | C12H15FN2O | 886494-09-3 | 35 |
| 4 | 1-(4-Hydroxyphenyl)propane-1,2-d... | 168 | C9H12O3 | 1000495-85-4 | 35 |
| 5 | 1-(4-Hydroxyphenyl)propane-1,2-d... | 168 | C9H12O3 | 1000495-85-5 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown9.685 | 9.685 | 5.6 | ug/l | 5993 | 2 | 8.856 | 53349 | 50.0 |
| Decahydro-1,1,4... | 12.697 | 49.8 | ug/l | 96513 | 4 | 13.561 | 96990 | 50.0 |
| Phenol, 2,6-bis... | 13.120 | 165.5 | ug/l | 320995 | 4 | 13.561 | 96990 | 50.0 |
| unknown14.097 | 14.097 | 12.9 | ug/l | 25096 | 4 | 13.561 | 96990 | 50.0 |
| unknown15.767 | 15.767 | 53.9 | ug/l | 104622 | 4 | 13.561 | 96990 | 50.0 |