LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048055.D
Acq On : 14 Apr 2022 14:02
Operator : SY/MD
Sample : N2386-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J38

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU048055.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.601 | 74 | 81 | 101 | rBV | 136173 | 158058 | 5.51% | 1.009% |
| 2 | 1.916 | 171 | 179 | 200 | rVB | 117989 | 165067 | 5.76% | 1.054% |
| 3 | 2.568 | 370 | 382 | 414 | rVB | 245555 | 405546 | 14.15% | 2.589% |
| 4 | 2.691 | 416 | 420 | 423 | rVB2 | 330 | 235 | 0.01% | 0.002% |
| 5 | 2.707 | 423 | 425 | 427 | rBV3 | 331 | 191 | 0.01% | 0.001% |
| 6 | 2.761 | 430 | 442 | 456 | rBV3 | 2436 | 5021 | 0.18% | 0.032% |
| 7 | 2.890 | 476 | 482 | 487 | rBV | 289 | 375 | 0.01% | 0.002% |
| 8 | 3.009 | 517 | 519 | 521 | rVB2 | 360 | 165 | 0.01% | 0.001% |
| 9 | 3.051 | 522 | 532 | 544 | rVB4 | 2430 | 4727 | 0.16% | 0.030% |
| 10 | 3.099 | 544 | 547 | 551 | rBV2 | 282 | 212 | 0.01% | 0.001% |
| 11 | 3.157 | 562 | 565 | 567 | rBV2 | 287 | 193 | 0.01% | 0.001% |
| 12 | 3.231 | 584 | 588 | 590 | rBV2 | 395 | 234 | 0.01% | 0.001% |
| 13 | 3.318 | 611 | 615 | 618 | rVB3 | 348 | 309 | 0.01% | 0.002% |
| 14 | 3.340 | 618 | 622 | 624 | rBV2 | 382 | 287 | 0.01% | 0.002% |
| 15 | 3.478 | 661 | 665 | 666 | rBV | 292 | 166 | 0.01% | 0.001% |
| 16 | 3.578 | 692 | 696 | 701 | rBV3 | 350 | 408 | 0.01% | 0.003% |
| 17 | 3.646 | 713 | 717 | 721 | rVB2 | 201 | 173 | 0.01% | 0.001% |
| 18 | 3.675 | 722 | 726 | 731 | rVB3 | 289 | 309 | 0.01% | 0.002% |
| 19 | 3.784 | 754 | 760 | 761 | rBV | 297 | 255 | 0.01% | 0.002% |
| 20 | 3.822 | 769 | 772 | 776 | rVB3 | 298 | 188 | 0.01% | 0.001% |
| 21 | 3.842 | 776 | 778 | 790 | rBV2 | 189 | 321 | 0.01% | 0.002% |
| 22 | 3.983 | 817 | 822 | 824 | rVB2 | 240 | 207 | 0.01% | 0.001% |
| 23 | 4.009 | 824 | 830 | 832 | rBV2 | 330 | 225 | 0.01% | 0.001% |
| 24 | 4.150 | 871 | 874 | 878 | rBV2 | 354 | 274 | 0.01% | 0.002% |
| 25 | 4.183 | 878 | 884 | 885 | rBV2 | 495 | 243 | 0.01% | 0.002% |
| 26 | 4.375 | 939 | 944 | 950 | rBV2 | 255 | 235 | 0.01% | 0.002% |
| 27 | 4.478 | 973 | 976 | 983 | rVB2 | 363 | 231 | 0.01% | 0.001% |
| 28 | 4.620 | 995 | 1020 | 1056 | rBV | 139274 | 343489 | 11.98% | 2.193% |
| 29 | 5.067 | 1142 | 1159 | 1186 | rBV | 229044 | 503240 | 17.55% | 3.213% |
| 30 | 5.292 | 1221 | 1229 | 1231 | rBV2 | 870 | 1085 | 0.04% | 0.007% |
| 31 | 5.375 | 1252 | 1255 | 1257 | rBV | 259 | 171 | 0.01% | 0.001% |
| 32 | 5.588 | 1318 | 1321 | 1325 | rBV2 | 257 | 181 | 0.01% | 0.001% |
| 33 | 5.729 | 1342 | 1365 | 1391 | rBV2 | 453496 | 1251299 | 43.65% | 7.988% |
| 34 | 6.250 | 1513 | 1527 | 1552 | rBV | 383889 | 725254 | 25.30% | 4.630% |
| 35 | 6.530 | 1608 | 1614 | 1615 | rBV3 | 1405 | 1351 | 0.05% | 0.009% |
| 36 | 6.607 | 1636 | 1638 | 1642 | rVB3 | 315 | 208 | 0.01% | 0.001% |

LSC Area Percent Report

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Acq On : 14 Apr 2022 14:02
Operator : SY/MD
Sample : N2386-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J38

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.694 | 1650 | 1665 | 1685 | rBV | 288804 | 569207 | 19.86% | 3.634% |
| 38 | 6.842 | 1708 | 1711 | 1714 | rVB3 | 297 | 218 | 0.01% | 0.001% |
| 39 | 6.864 | 1716 | 1718 | 1726 | rVB3 | 362 | 366 | 0.01% | 0.002% |
| 40 | 7.035 | 1768 | 1771 | 1774 | rBV2 | 324 | 286 | 0.01% | 0.002% |
| 41 | 7.186 | 1809 | 1818 | 1826 | rBV4 | 3476 | 6196 | 0.22% | 0.040% |
| 42 | 7.237 | 1831 | 1834 | 1840 | rVB3 | 363 | 264 | 0.01% | 0.002% |
| 43 | 7.414 | 1885 | 1889 | 1891 | rBV2 | 523 | 338 | 0.01% | 0.002% |
| 44 | 7.443 | 1895 | 1898 | 1901 | rVV2 | 234 | 195 | 0.01% | 0.001% |
| 45 | 7.568 | 1923 | 1937 | 1963 | rBV | 143397 | 257300 | 8.98% | 1.643% |
| 46 | 7.687 | 1966 | 1974 | 1987 | rVV4 | 3090 | 6310 | 0.22% | 0.040% |
| 47 | 7.745 | 1990 | 1992 | 1998 | rVB2 | 415 | 319 | 0.01% | 0.002% |
| 48 | 7.797 | 2003 | 2008 | 2011 | rBV4 | 391 | 389 | 0.01% | 0.002% |
| 49 | 7.899 | 2026 | 2040 | 2056 | rBV | 564496 | 968909 | 33.80% | 6.186% |
| 50 | 8.179 | 2116 | 2127 | 2141 | rBV | 102144 | 173907 | 6.07% | 1.110% |
| 51 | 8.404 | 2194 | 2197 | 2200 | rBV3 | 435 | 285 | 0.01% | 0.002% |
| 52 | 8.440 | 2205 | 2208 | 2213 | rBV3 | 426 | 436 | 0.02% | 0.003% |
| 53 | 8.546 | 2237 | 2241 | 2243 | rBV2 | 218 | 176 | 0.01% | 0.001% |
| 54 | 8.575 | 2248 | 2250 | 2253 | rVB2 | 393 | 211 | 0.01% | 0.001% |
| 55 | 8.633 | 2256 | 2268 | 2310 | rBV | 411706 | 775143 | 27.04% | 4.949% |
| 56 | 8.999 | 2378 | 2382 | 2385 | rBV | 362 | 292 | 0.01% | 0.002% |
| 57 | 9.166 | 2428 | 2434 | 2438 | rVV3 | 494 | 549 | 0.02% | 0.004% |
| 58 | 9.208 | 2444 | 2447 | 2452 | rBV3 | 348 | 292 | 0.01% | 0.002% |
| 59 | 9.260 | 2460 | 2463 | 2470 | rVB2 | 324 | 254 | 0.01% | 0.002% |
| 60 | 9.366 | 2492 | 2496 | 2499 | rVB | 279 | 191 | 0.01% | 0.001% |
| 61 | 9.417 | 2499 | 2512 | 2545 | rBV2 | 597007 | 1200849 | 41.89% | 7.666% |
| 62 | 9.552 | 2552 | 2554 | 2556 | rBV2 | 517 | 244 | 0.01% | 0.002% |
| 63 | 9.600 | 2567 | 2569 | 2574 | rBV3 | 336 | 217 | 0.01% | 0.001% |
| 64 | 9.690 | 2592 | 2597 | 2608 | rVB4 | 1058 | 1595 | 0.06% | 0.010% |
| 65 | 10.047 | 2704 | 2708 | 2711 | rVB2 | 305 | 238 | 0.01% | 0.002% |
| 66 | 10.096 | 2720 | 2723 | 2726 | rBV3 | 277 | 190 | 0.01% | 0.001% |
| 67 | 10.173 | 2742 | 2747 | 2748 | rBV2 | 192 | 182 | 0.01% | 0.001% |
| 68 | 10.192 | 2750 | 2753 | 2757 | rVB2 | 330 | 258 | 0.01% | 0.002% |
| 69 | 10.356 | 2802 | 2804 | 2811 | rVB2 | 208 | 160 | 0.01% | 0.001% |
| 70 | 10.597 | 2874 | 2879 | 2882 | rBV | 242 | 251 | 0.01% | 0.002% |
| 71 | 10.674 | 2895 | 2903 | 2913 | rVB3 | 1749 | 2183 | 0.08% | 0.014% |
| 72 | 10.758 | 2916 | 2929 | 2951 | rBV | 451627 | 730695 | 25.49% | 4.665% |
| 73 | 10.835 | 2951 | 2953 | 2958 | rVB3 | 382 | 305 | 0.01% | 0.002% |
| 74 | 11.070 | 3023 | 3026 | 3030 | rBV | 182 | 176 | 0.01% | 0.001% |
| 75 | 11.102 | 3032 | 3036 | 3038 | rVV3 | 494 | 335 | 0.01% | 0.002% |
| 76 | 11.362 | 3111 | 3117 | 3119 | rBV2 | 172 | 222 | 0.01% | 0.001% |

LSC Area Percent Report

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Acq On : 14 Apr 2022 14:02
Operator : SY/MD
Sample : N2386-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J38

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.452 | 3142 | 3145 | 3146 | rBV2 | 666 | 367 | 0.01% | 0.002% |
| 78 | 11.616 | 3194 | 3196 | 3201 | rVB | 270 | 160 | 0.01% | 0.001% |
| 79 | 11.697 | 3215 | 3221 | 3222 | rBV3 | 466 | 438 | 0.02% | 0.003% |
| 80 | 11.745 | 3225 | 3236 | 3246 | rVV | 78122 | 124532 | 4.34% | 0.795% |
| 81 | 11.812 | 3246 | 3257 | 3281 | rVB2 | 686307 | 1685250 | 58.79% | 10.759% |
| 82 | 11.973 | 3304 | 3307 | 3316 | rVB5 | 1380 | 1429 | 0.05% | 0.009% |
| 83 | 12.076 | 3336 | 3339 | 3342 | rVB2 | 383 | 264 | 0.01% | 0.002% |
| 84 | 12.128 | 3353 | 3355 | 3358 | rVB2 | 392 | 170 | 0.01% | 0.001% |
| 85 | 12.211 | 3358 | 3381 | 3402 | rBV2 | 1312311 | 2866725 | 100.00% | 18.302% |
| 86 | 12.359 | 3424 | 3427 | 3431 | rBV3 | 459 | 361 | 0.01% | 0.002% |
| 87 | 12.388 | 3433 | 3436 | 3439 | rVV3 | 486 | 439 | 0.02% | 0.003% |
| 88 | 12.417 | 3442 | 3445 | 3449 | rBV2 | 396 | 331 | 0.01% | 0.002% |
| 89 | 12.591 | 3496 | 3499 | 3503 | rBV2 | 453 | 357 | 0.01% | 0.002% |
| 90 | 12.616 | 3503 | 3507 | 3510 | rBV2 | 373 | 365 | 0.01% | 0.002% |
| 91 | 12.655 | 3518 | 3519 | 3525 | rVB2 | 315 | 215 | 0.01% | 0.001% |
| 92 | 12.710 | 3534 | 3536 | 3540 | rBV | 270 | 225 | 0.01% | 0.001% |
| 93 | 12.980 | 3614 | 3620 | 3629 | rBV4 | 1363 | 1655 | 0.06% | 0.011% |
| 94 | 13.256 | 3703 | 3706 | 3710 | rVB2 | 318 | 302 | 0.01% | 0.002% |
| 95 | 13.330 | 3727 | 3729 | 3730 | rBV | 413 | 186 | 0.01% | 0.001% |
| 96 | 13.439 | 3760 | 3763 | 3764 | rBV | 301 | 181 | 0.01% | 0.001% |
| 97 | 13.841 | 3874 | 3888 | 3912 | rBV | 1391060 | 2143926 | 74.79% | 13.687% |
| 98 | 14.330 | 4028 | 4040 | 4057 | rBV | 183595 | 289375 | 10.09% | 1.847% |
| 99 | 15.414 | 4362 | 4377 | 4390 | rBV4 | 20637 | 50682 | 1.77% | 0.324% |
| 100 | 15.999 | 4548 | 4559 | 4572 | rBV | 140196 | 225599 | 7.87% | 1.440% |

Sum of corrected areas: 15663800

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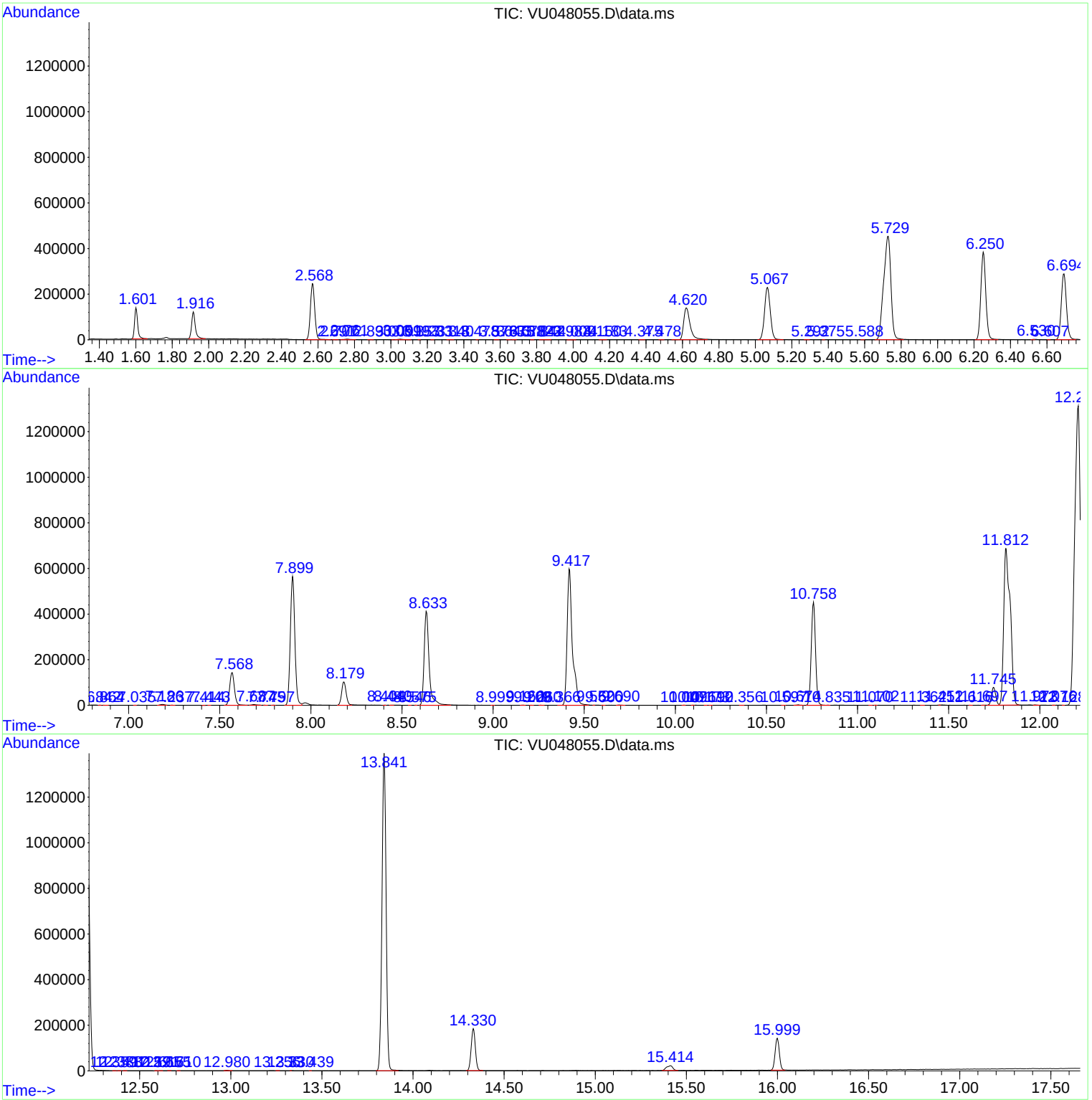
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048055.D
Acq On : 14 Apr 2022 14:02
Operator : SY/MD
Sample : N2386-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0J38

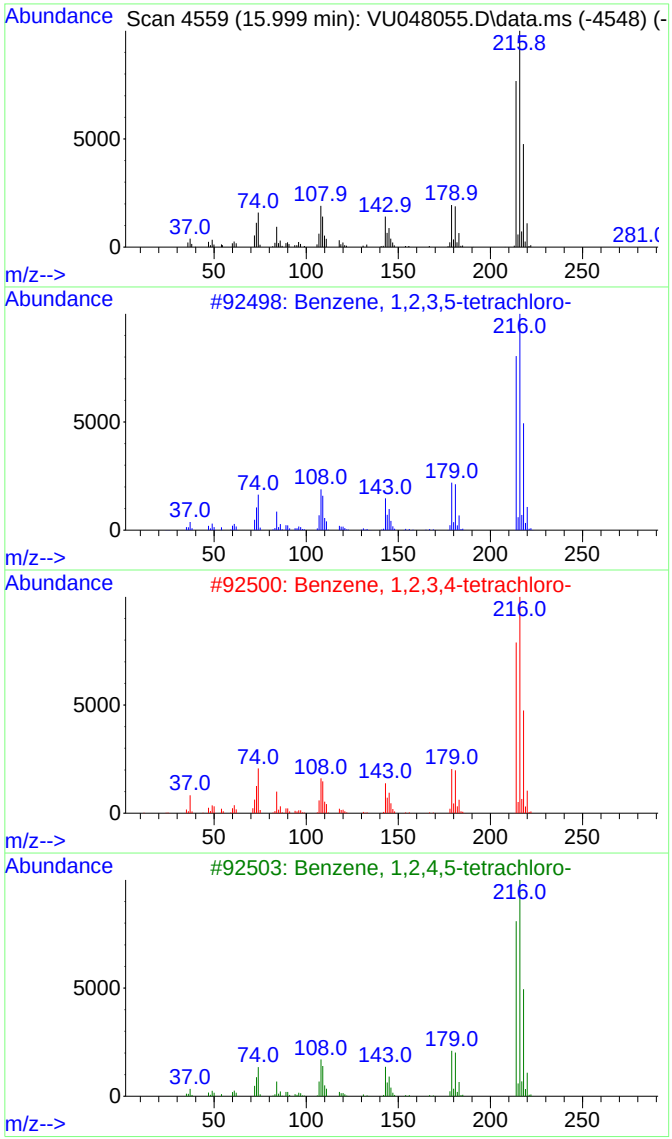
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

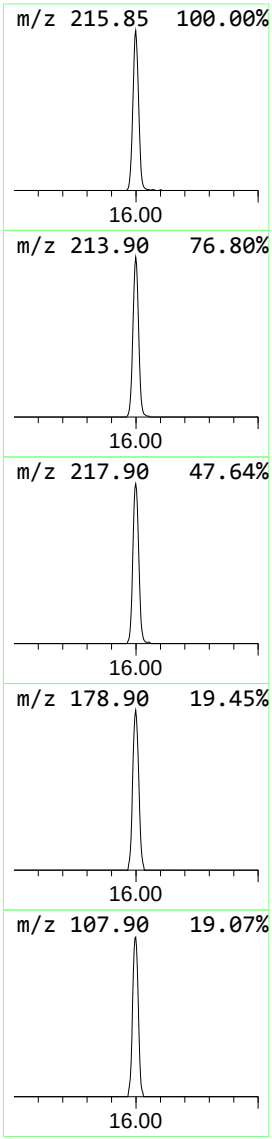
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.999 | 6.69 ug/L | 225599 | 1,4-Dichlorobenzene-d4 | 11.813 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 99 |
| 2 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99 |
| 3 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |
| 4 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |
| 5 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 99 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
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Misc : 5.0mL/MSVOA_U/WATER
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**ClientSampleId :**
C0J38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1,2,3,... | 15.999 | 6.7 | ug/L | 225599 | 3 | 11.813 | 1685250 | 50.0 |