LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004467.D
Acq On : 04 Aug 2018 00:06
Operator : SY/AP
Sample : J4301-17
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF8

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_W\METHOD\SOM2WLM080218S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.630	5	7	11	rVB4	869	823	0.00%	0.002%
2	1.746	17	26	28	rBV	30498	62760	0.26%	0.163%
3	1.813	28	37	73	rVB	10379323	24249521	100.00%	62.988%
4	2.361	120	127	140	rBV	140294	365926	1.51%	0.950%
5	2.892	208	214	226	rVB	120679	319805	1.32%	0.831%
6	3.026	232	236	248	rVB2	41321	108228	0.45%	0.281%
7	3.386	290	295	305	rVB	36462	89187	0.37%	0.232%
8	4.014	387	398	415	rBV	237967	814216	3.36%	2.115%
9	4.501	475	478	482	rVB4	1118	1419	0.01%	0.004%
10	4.617	489	497	504	rBV	5879	17467	0.07%	0.045%
11	4.940	534	550	568	rVV10	25425	149158	0.62%	0.387%
12	5.135	580	582	585	rVB3	1025	909	0.00%	0.002%
13	5.196	590	592	595	rBV4	832	843	0.00%	0.002%
14	5.440	621	632	641	rBV5	7438	24854	0.10%	0.065%
15	5.739	677	681	682	rBV3	1642	1755	0.01%	0.005%
16	5.830	693	696	698	rBV3	784	824	0.00%	0.002%
17	5.934	702	713	726	rBV2	17792	54818	0.23%	0.142%
18	6.099	737	740	742	rBV4	939	930	0.00%	0.002%
19	6.196	754	756	758	rBV3	625	773	0.00%	0.002%
20	6.282	767	770	778	rVB6	1793	3868	0.02%	0.010%
21	6.422	789	793	794	rBV3	1376	962	0.00%	0.002%
22	6.714	835	841	844	rBV5	2181	3938	0.02%	0.010%
23	6.739	844	845	849	rVB2	1765	1318	0.01%	0.003%
24	6.861	859	865	867	rBV5	2646	5164	0.02%	0.013%
25	6.977	877	884	894	rBV5	8915	25037	0.10%	0.065%
26	7.092	894	903	910	rBV	27064	87830	0.36%	0.228%
27	7.342	942	944	950	rVB4	1173	1739	0.01%	0.005%
28	7.470	963	965	968	rVB2	885	780	0.00%	0.002%
29	7.519	968	973	974	rBV4	1654	2230	0.01%	0.006%
30	7.647	984	994	1011	rVB	418143	1050775	4.33%	2.729%
31	7.757	1011	1012	1016	rBV4	1158	1313	0.01%	0.003%
32	7.934	1029	1041	1052	rBV4	6574	27479	0.11%	0.071%
33	8.031	1052	1057	1068	rVB7	4753	13399	0.06%	0.035%
34	8.153	1070	1077	1086	rVB6	6179	13787	0.06%	0.036%

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Operator : SY/AP
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF8

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_W\METHOD\SOM2WLM080218S.M
Title : VOC Analysis

35	8.281	1086	1098	1114	rBV2	745394	2290820	9.45%	5.950%
36	8.488	1126	1132	1141	rVB2	8834	25583	0.11%	0.066%
37	8.568	1143	1145	1150	rVB5	1731	2670	0.01%	0.007%
38	8.696	1159	1166	1171	rVB7	3622	7383	0.03%	0.019%
39	8.848	1181	1191	1203	rBV	737540	1460786	6.02%	3.794%
40	9.068	1222	1227	1228	rBV4	3112	3549	0.01%	0.009%
41	9.281	1252	1262	1271	rBV	527247	1099054	4.53%	2.855%
42	9.513	1296	1300	1301	rBV3	1534	1888	0.01%	0.005%
43	9.659	1323	1324	1327	rVV3	1334	1240	0.01%	0.003%
44	9.720	1332	1334	1336	rVB3	1050	900	0.00%	0.002%
45	9.763	1336	1341	1350	rVB6	5759	11854	0.05%	0.031%
46	9.842	1350	1354	1355	rBV3	828	1039	0.00%	0.003%
47	9.897	1355	1363	1371	rBV6	4722	10479	0.04%	0.027%
48	9.964	1371	1374	1376	rBV3	1100	1135	0.00%	0.003%
49	10.037	1379	1386	1394	rBV	122725	226486	0.93%	0.588%
50	10.220	1413	1416	1418	rBV4	813	900	0.00%	0.002%
51	10.256	1418	1422	1426	rBV3	2318	4000	0.02%	0.010%
52	10.330	1426	1434	1440	rVV	804068	1417105	5.84%	3.681%
53	10.391	1440	1444	1452	rVV	67207	122534	0.51%	0.318%
54	10.445	1452	1453	1459	rVB5	2122	2260	0.01%	0.006%
55	10.506	1459	1463	1468	rBV8	2569	4949	0.02%	0.013%
56	10.580	1469	1475	1482	rVV	92652	161855	0.67%	0.420%
57	10.677	1488	1491	1492	rBV4	1116	1320	0.01%	0.003%
58	10.714	1492	1497	1501	rVV2	8936	14458	0.06%	0.038%
59	10.860	1517	1521	1526	rVB6	2574	4823	0.02%	0.013%
60	10.933	1526	1533	1544	rBV	83435	167489	0.69%	0.435%
61	11.073	1554	1556	1561	rVB6	2227	2142	0.01%	0.006%
62	11.177	1571	1573	1575	rBV3	1754	1744	0.01%	0.005%
63	11.287	1589	1591	1595	rVB4	838	806	0.00%	0.002%
64	11.403	1607	1610	1612	rBV4	1185	1506	0.01%	0.004%
65	11.512	1626	1628	1630	rVV3	1360	1091	0.00%	0.003%
66	11.634	1640	1648	1660	rBV	846180	1438435	5.93%	3.736%
67	11.732	1660	1664	1670	rVB2	5743	10691	0.04%	0.028%
68	11.842	1676	1682	1691	rVB	23745	46541	0.19%	0.121%
69	11.921	1691	1695	1696	rBV3	695	877	0.00%	0.002%
70	11.945	1696	1699	1701	rVV4	999	1069	0.00%	0.003%
71	12.171	1730	1736	1742	rVB3	12434	21617	0.09%	0.056%

LSC Area Percent Report

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Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF8

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_W\METHOD\SOM2WLM080218S.M
Title : VOC Analysis

72	12.262	1749	1751	1756	rVB6	1077	1493	0.01%	0.004%
73	12.366	1765	1768	1769	rBV2	1112	1321	0.01%	0.003%
74	12.469	1781	1785	1788	rBV5	1099	1598	0.01%	0.004%
75	12.616	1803	1809	1815	rVB	65697	113013	0.47%	0.294%
76	12.701	1815	1823	1830	rBV	384004	642519	2.65%	1.669%
77	12.878	1846	1852	1856	rBV6	3932	6493	0.03%	0.017%
78	12.951	1859	1864	1867	rBV6	3072	5234	0.02%	0.014%
79	13.049	1878	1880	1886	rVB5	724	1024	0.00%	0.003%
80	13.097	1886	1888	1889	rBV2	1655	1010	0.00%	0.003%
81	13.201	1899	1905	1909	rBV4	4049	6625	0.03%	0.017%
82	13.256	1911	1914	1918	rBV2	4587	6705	0.03%	0.017%
83	13.414	1936	1940	1945	rVB6	5690	7959	0.03%	0.021%
84	13.481	1945	1951	1954	rBV3	9665	15385	0.06%	0.040%
85	13.567	1958	1965	1977	rVV	504909	801944	3.31%	2.083%
86	13.774	1995	1999	2006	rBV10	3687	8462	0.03%	0.022%
87	13.859	2006	2013	2020	rBV	430370	712887	2.94%	1.852%
88	14.085	2039	2050	2060	rVB	27454	54905	0.23%	0.143%
89	14.201	2066	2069	2071	rBV2	2953	3785	0.02%	0.010%
90	14.335	2087	2091	2095	rBV7	3484	4613	0.02%	0.012%
91	14.591	2131	2133	2139	rVV6	1316	2257	0.01%	0.006%
92	14.689	2147	2149	2152	rBV4	1219	1612	0.01%	0.004%
93	14.804	2166	2168	2169	rBV	1278	1138	0.00%	0.003%
94	15.316	2250	2252	2253	rBV2	1263	1018	0.00%	0.003%
95	15.469	2274	2277	2278	rBV2	1446	1459	0.01%	0.004%
96	15.512	2279	2284	2288	rVV	5329	9364	0.04%	0.024%
97	15.609	2298	2300	2304	rVV3	1753	1438	0.01%	0.004%
98	15.780	2325	2328	2329	rBV3	1736	1608	0.01%	0.004%
99	16.505	2445	2447	2452	rVB6	2098	2821	0.01%	0.007%
100	16.652	2470	2471	2477	rVB6	1583	1968	0.01%	0.005%

Sum of corrected areas: 38498571

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
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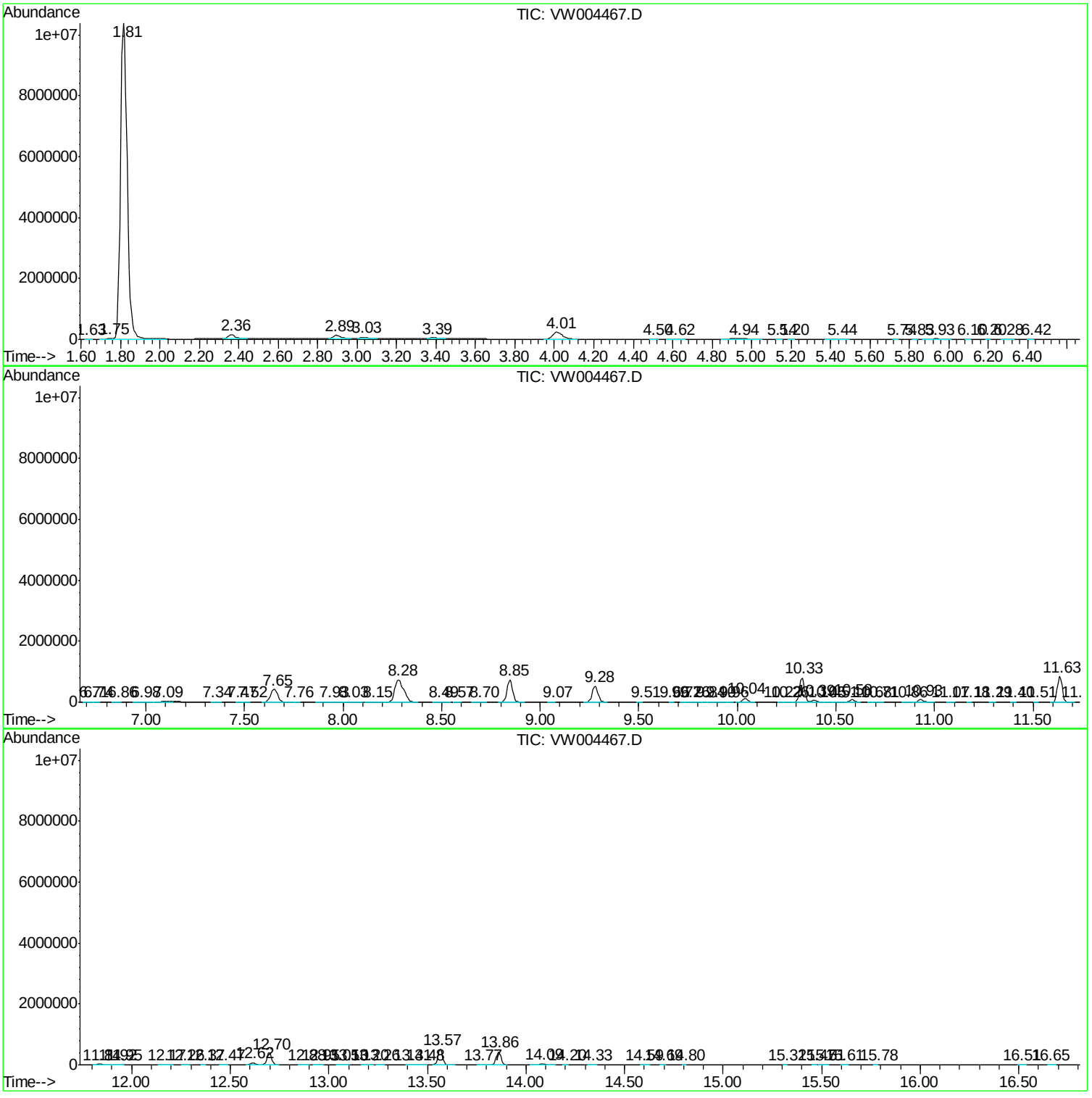
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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



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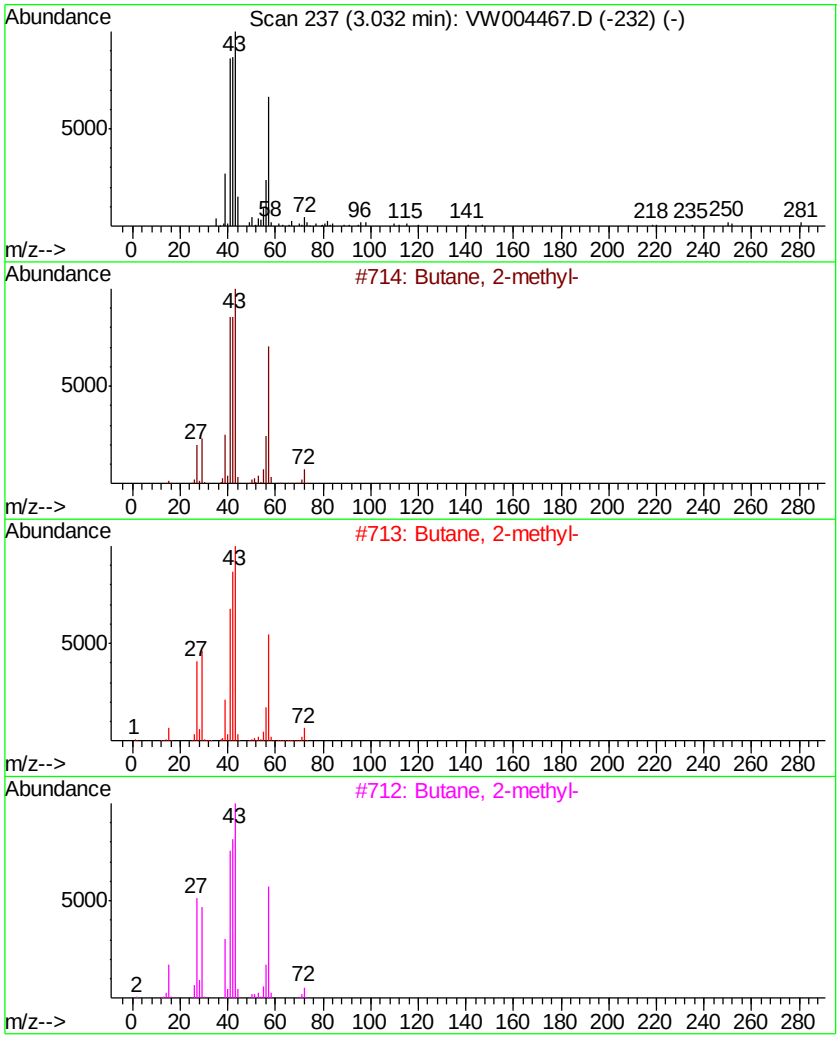
Quant Title : VOC Analysis

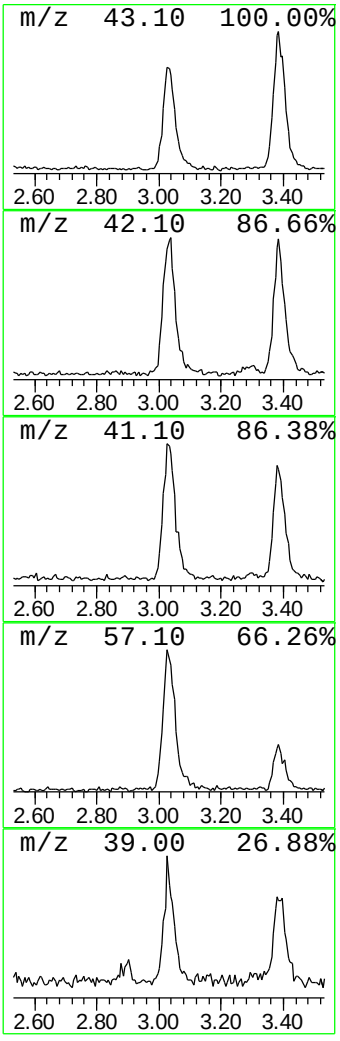
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.85 ug/L	108228	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





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Instrument : MSVOA_W
ClientSampleId : C0AF8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

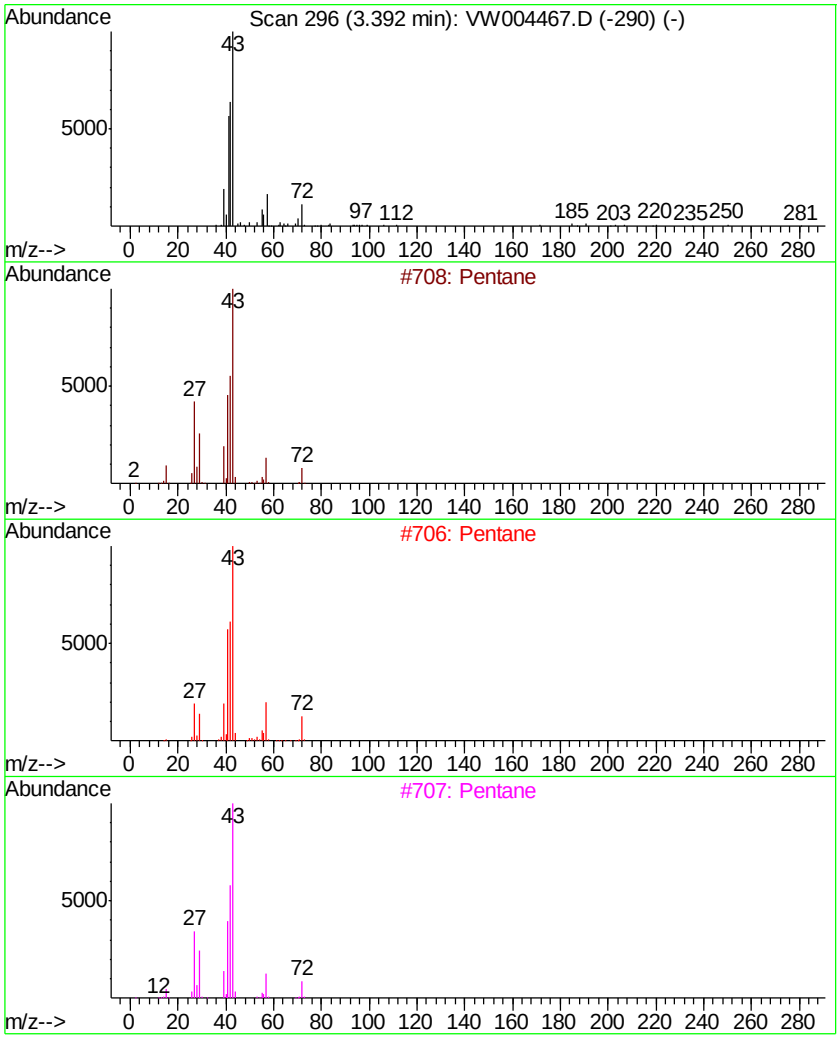
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

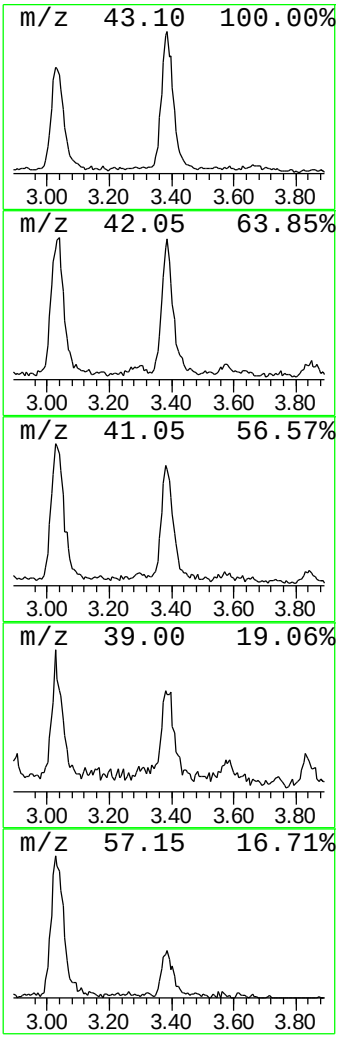
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.53 ug/L	89187	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	53
5	Isobutylene epoxide	72	C4H8O	000558-30-5	43





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Instrument : MSVOA_W
ClientSampleId : C0AF8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

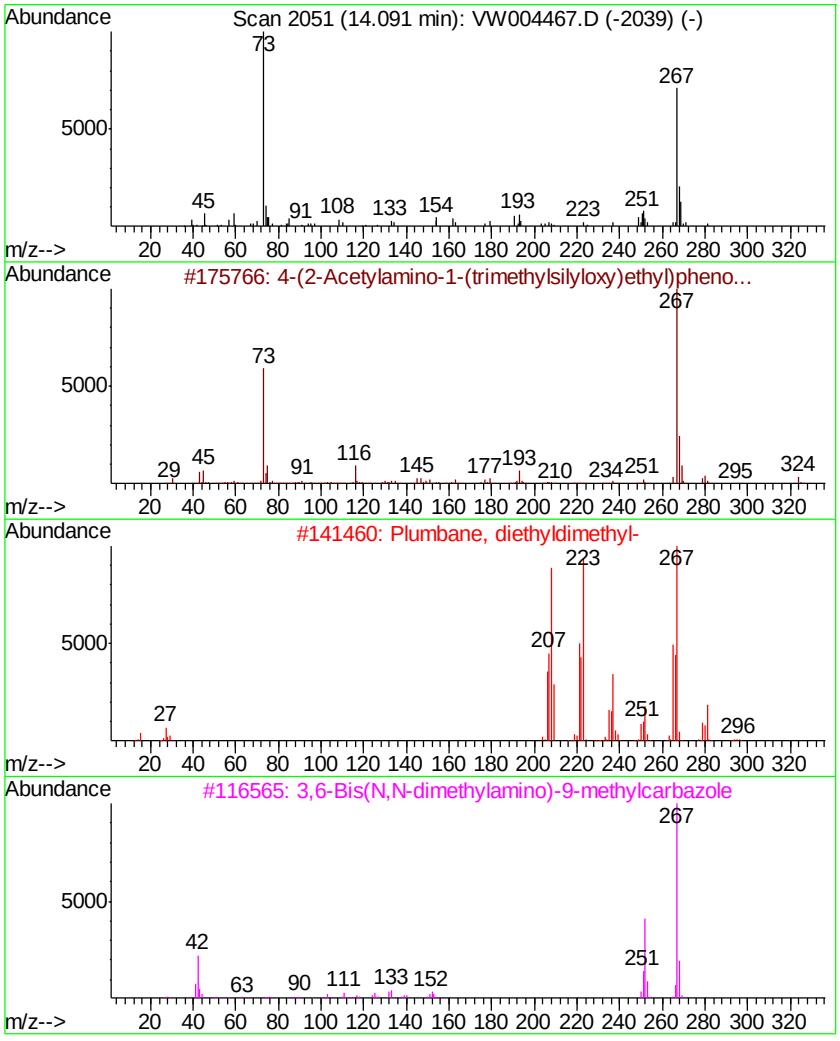
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

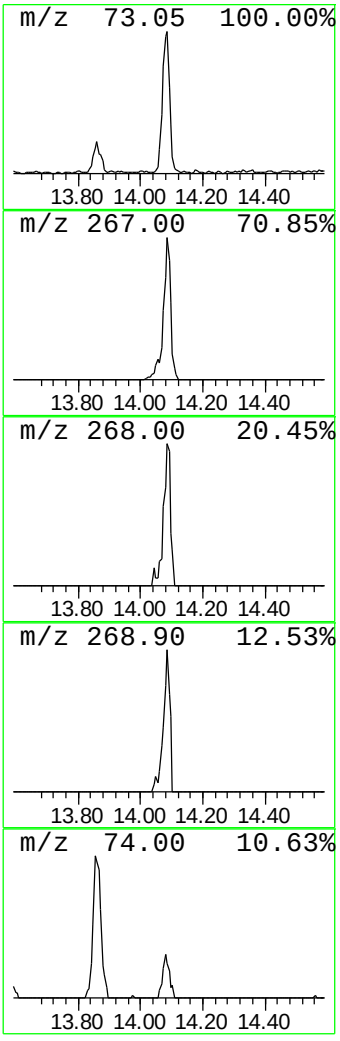
****

Peak Number 8 4-(2-Acetylamino-1-(trimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	1.71 ug/L	54905	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	53
2	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	49
3	3,6-Bis(N,N-dimethylamino)-9-met...	267	C17H21N3	119046-55-8	47
4	2-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-8	45
5	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.03	1.9	ug/L	108228	1	8.85	1460790	25.0
(DEL) Alkane: Str...	3.39	1.5	ug/L	89187	1	8.85	1460790	25.0
4-(2-Acetylamino-...	14.09	1.7	ug/L	54905	3	13.57	801944	25.0