LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
Data File : VW006419.D
Acq On : 26 Oct 2018 21:05
Operator : SY/AP
Sample : VIBLK93
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK93

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\SOM2WLM100918S.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	2.154	37	41	43	rBV	1020	1538	0.09%	0.016%
2	2.355	68	74	87	rVB	68243	150810	8.96%	1.601%
3	2.897	155	163	180	rVB	52074	148957	8.85%	1.581%
4	3.720	295	298	302	rBV4	476	667	0.04%	0.007%
5	3.855	313	320	328	rBV4	1192	3018	0.18%	0.032%
6	4.013	335	346	362	rBV	119838	366882	21.81%	3.894%
7	4.464	408	420	426	rBV4	1791	6936	0.41%	0.074%
8	4.696	457	458	461	rVB3	429	430	0.03%	0.005%
9	4.909	483	493	510	rVB2	4413	15807	0.94%	0.168%
10	5.110	518	526	528	rBV4	608	1038	0.06%	0.011%
11	5.354	563	566	570	rBV2	365	513	0.03%	0.005%
12	5.751	629	631	642	rVB5	415	881	0.05%	0.009%
13	5.934	654	661	669	rBV5	2420	6622	0.39%	0.070%
14	6.098	685	688	690	rBV2	316	330	0.02%	0.004%
15	6.299	716	721	723	rBV	210	361	0.02%	0.004%
16	6.360	729	731	736	rBV2	177	340	0.02%	0.004%
17	6.927	819	824	825	rBV3	355	537	0.03%	0.006%
18	7.086	841	850	856	rBV	38536	107391	6.38%	1.140%
19	7.153	857	861	879	rVB	33834	87091	5.18%	0.924%
20	7.342	890	892	898	rVB2	486	579	0.03%	0.006%
21	7.549	925	926	931	rVB3	407	411	0.02%	0.004%
22	7.647	931	942	953	rBV	158369	388930	23.12%	4.128%
23	7.720	953	954	959	rVB3	388	394	0.02%	0.004%
24	8.128	1018	1021	1024	rVB3	247	323	0.02%	0.003%
25	8.159	1024	1026	1029	rBV2	386	385	0.02%	0.004%
26	8.268	1031	1044	1061	rBV3	529533	1682353	100.00%	17.858%
27	8.409	1065	1067	1071	rVB4	629	781	0.05%	0.008%
28	8.482	1074	1079	1082	rBV4	517	1072	0.06%	0.011%
29	8.683	1110	1112	1114	rBV2	417	453	0.03%	0.005%
30	8.848	1130	1139	1149	rVV	319134	629307	37.41%	6.680%
31	9.055	1169	1173	1174	rBV2	294	346	0.02%	0.004%
32	9.079	1174	1177	1182	rVV3	726	1034	0.06%	0.011%
33	9.280	1200	1210	1224	rBV	207135	421933	25.08%	4.479%
34	9.390	1226	1228	1232	rVV3	716	731	0.04%	0.008%

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK93

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

35	9.463	1235	1240	1248	rVB3	1105	2483	0.15%	0.026%
36	9.597	1260	1262	1264	rVB2	367	345	0.02%	0.004%
37	9.658	1270	1272	1276	rVB4	493	539	0.03%	0.006%
38	9.762	1283	1289	1298	rVB2	9518	19106	1.14%	0.203%
39	9.896	1302	1311	1318	rBV2	27955	57813	3.44%	0.614%
40	9.969	1318	1323	1328	rBV2	3452	6486	0.39%	0.069%
41	10.036	1328	1334	1342	rVB	114820	196446	11.68%	2.085%
42	10.250	1358	1369	1374	rBV	12501	26199	1.56%	0.278%
43	10.329	1374	1382	1390	rVV	491705	866441	51.50%	9.197%
44	10.512	1403	1412	1415	rVB4	662	908	0.05%	0.010%
45	10.579	1415	1423	1430	rBV	74620	128180	7.62%	1.361%
46	10.707	1436	1444	1452	rBV	155214	285793	16.99%	3.034%
47	10.774	1452	1455	1462	rVB3	3276	5985	0.36%	0.064%
48	10.853	1462	1468	1473	rBV2	3737	6559	0.39%	0.070%
49	10.927	1474	1480	1496	rBV	154759	257649	15.31%	2.735%
50	11.067	1496	1503	1511	rBV	39465	66281	3.94%	0.704%
51	11.183	1517	1522	1526	rVB2	5950	9680	0.58%	0.103%
52	11.256	1533	1534	1538	rVB2	244	307	0.02%	0.003%
53	11.347	1545	1549	1552	rVB2	1033	1361	0.08%	0.014%
54	11.445	1554	1565	1573	rVB	145810	246996	14.68%	2.622%
55	11.548	1579	1582	1585	rVB2	361	411	0.02%	0.004%
56	11.634	1588	1596	1604	rBV	463129	778801	46.29%	8.267%
57	11.731	1611	1612	1618	rVB3	405	429	0.03%	0.005%
58	11.847	1623	1631	1633	rBV3	868	1344	0.08%	0.014%
59	11.878	1633	1636	1642	rVB4	1733	3044	0.18%	0.032%
60	12.060	1663	1666	1669	rBV3	517	694	0.04%	0.007%
61	12.310	1704	1707	1709	rBV2	286	429	0.03%	0.005%
62	12.377	1714	1718	1724	rBV5	828	1298	0.08%	0.014%
63	12.475	1729	1734	1741	rBV3	1363	2214	0.13%	0.024%
64	12.615	1750	1757	1763	rVV	139275	225100	13.38%	2.389%
65	12.694	1763	1770	1777	rVB	214777	360572	21.43%	3.827%
66	12.871	1793	1799	1801	rBV3	813	1279	0.08%	0.014%
67	12.938	1805	1810	1819	rBV	16759	24962	1.48%	0.265%
68	13.042	1822	1827	1831	rBV6	2281	3434	0.20%	0.036%
69	13.085	1831	1834	1840	rVB5	1964	2990	0.18%	0.032%
70	13.176	1845	1849	1850	rBV3	867	1126	0.07%	0.012%
71	13.200	1850	1853	1863	rVB6	2186	4359	0.26%	0.046%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK93

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

72	13.304	1863	1870	1877	rVB2	28764	44037	2.62%	0.467%
73	13.414	1881	1888	1895	rBV3	4175	7641	0.45%	0.081%
74	13.481	1895	1899	1901	rBV3	1955	2560	0.15%	0.027%
75	13.511	1901	1904	1905	rBV3	2419	2561	0.15%	0.027%
76	13.566	1906	1913	1919	rBV	493389	803019	47.73%	8.524%
77	13.767	1941	1946	1950	rVV5	4701	7995	0.48%	0.085%
78	13.804	1950	1952	1954	rVV2	2845	3152	0.19%	0.033%
79	13.859	1954	1961	1968	rVV	497403	797738	47.42%	8.468%
80	13.914	1968	1970	1975	rVV2	5180	7291	0.43%	0.077%
81	13.963	1975	1978	1982	rVV2	2469	3555	0.21%	0.038%
82	14.024	1985	1988	1991	rBV3	1880	2763	0.16%	0.029%
83	14.078	1992	1997	2004	rVB	28704	45843	2.72%	0.487%
84	14.213	2015	2019	2023	rVB3	1206	1620	0.10%	0.017%
85	14.341	2028	2040	2042	rBV4	2992	7986	0.47%	0.085%
86	14.371	2042	2045	2053	rVV5	4846	11066	0.66%	0.117%
87	14.456	2057	2059	2063	rVB2	458	607	0.04%	0.006%
88	14.517	2063	2069	2070	rBV5	933	1338	0.08%	0.014%
89	14.737	2098	2105	2112	rBV4	4997	7746	0.46%	0.082%
90	14.798	2112	2115	2116	rBV2	351	307	0.02%	0.003%
91	15.115	2165	2167	2168	rBV2	626	480	0.03%	0.005%
92	15.237	2185	2187	2188	rVB2	610	379	0.02%	0.004%
93	15.261	2188	2191	2192	rBV2	297	354	0.02%	0.004%
94	15.353	2203	2206	2207	rBV3	388	346	0.02%	0.004%
95	15.377	2208	2210	2213	rVV3	569	722	0.04%	0.008%
96	15.450	2214	2222	2227	rVV2	11595	20091	1.19%	0.213%
97	15.511	2227	2232	2238	rVB	4961	9209	0.55%	0.098%
98	15.560	2238	2240	2244	rBV3	564	920	0.05%	0.010%
99	16.054	2314	2321	2323	rBV6	1004	2007	0.12%	0.021%
100	16.291	2358	2360	2363	rVB4	525	422	0.03%	0.004%

Sum of corrected areas: 9420979

LSC Report - Integrated Chromatogram

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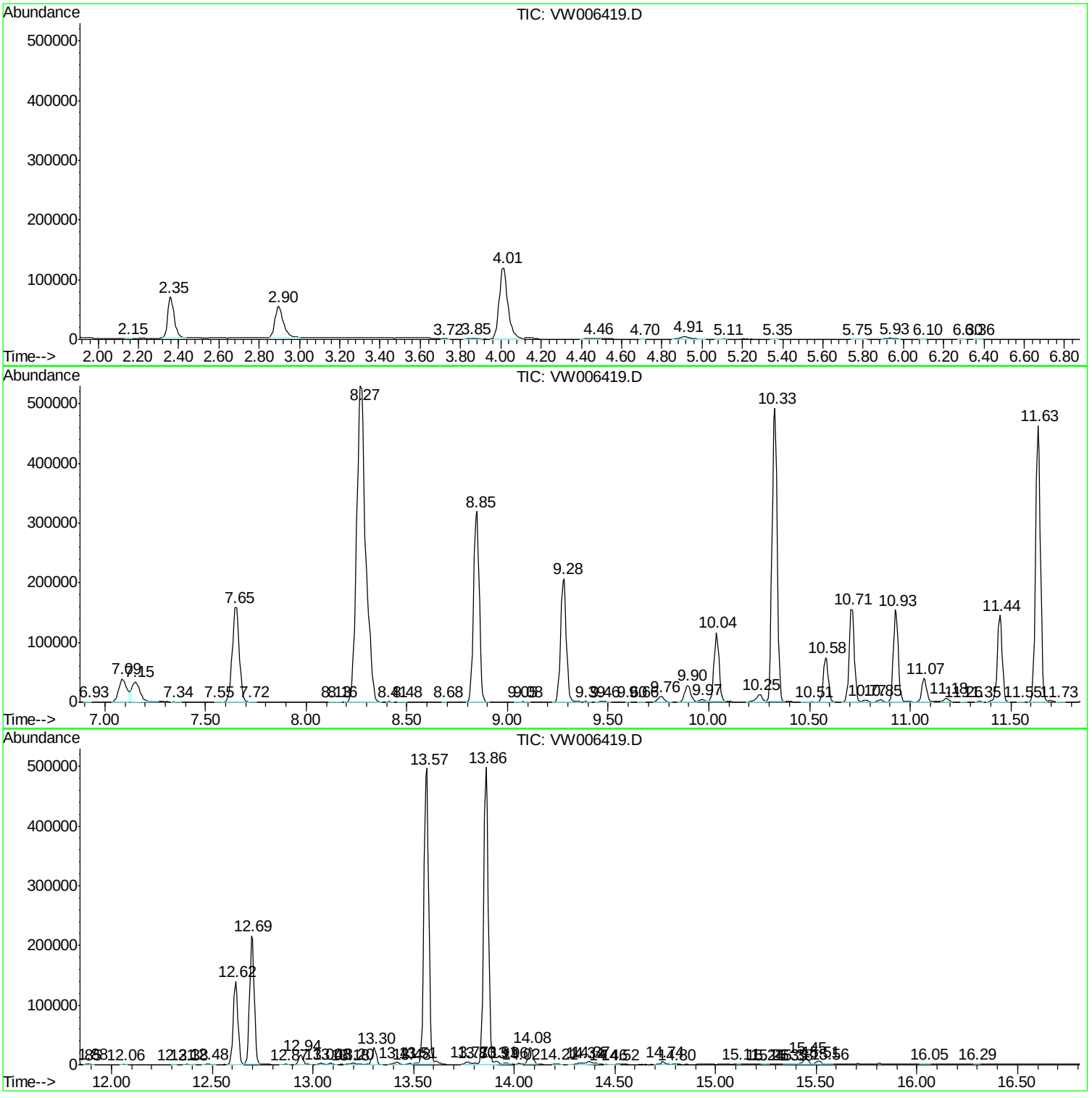
Sample : VIBLK93
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_W
ClientSampleId : VIBLK93

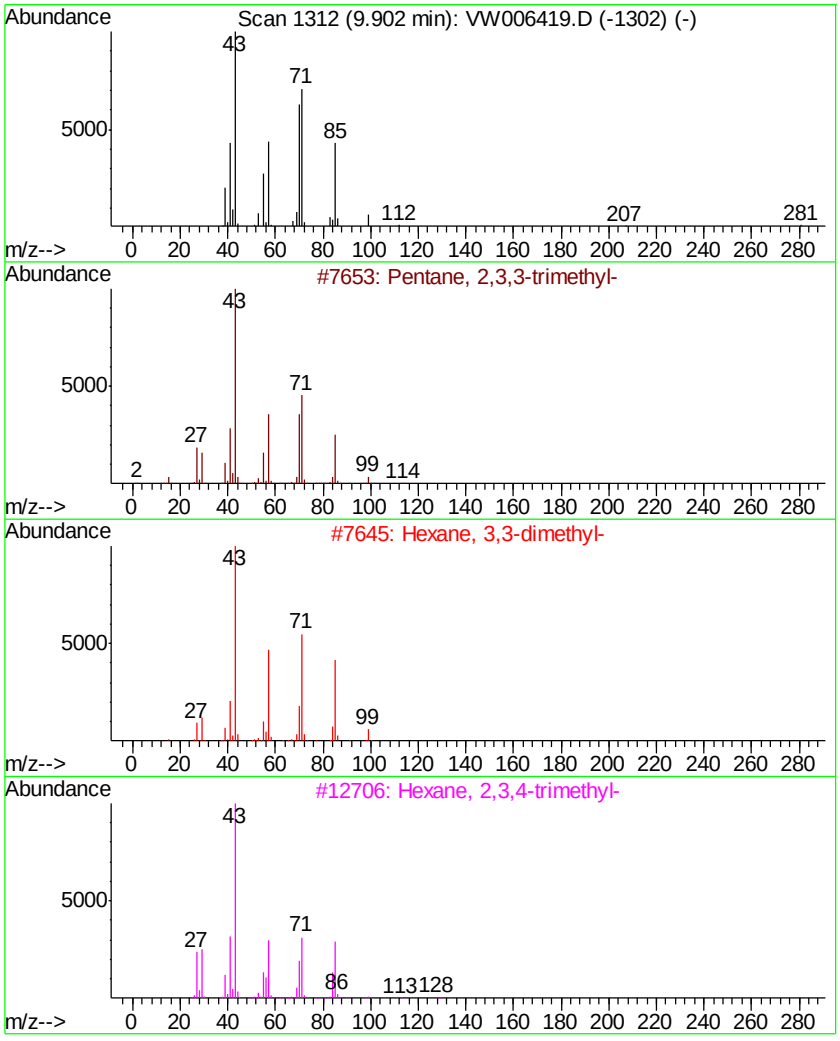
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

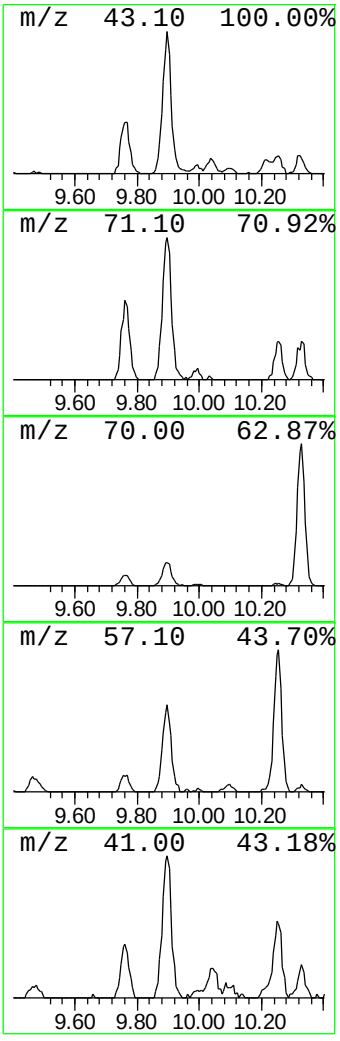
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.30 ug/L	57813	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	56





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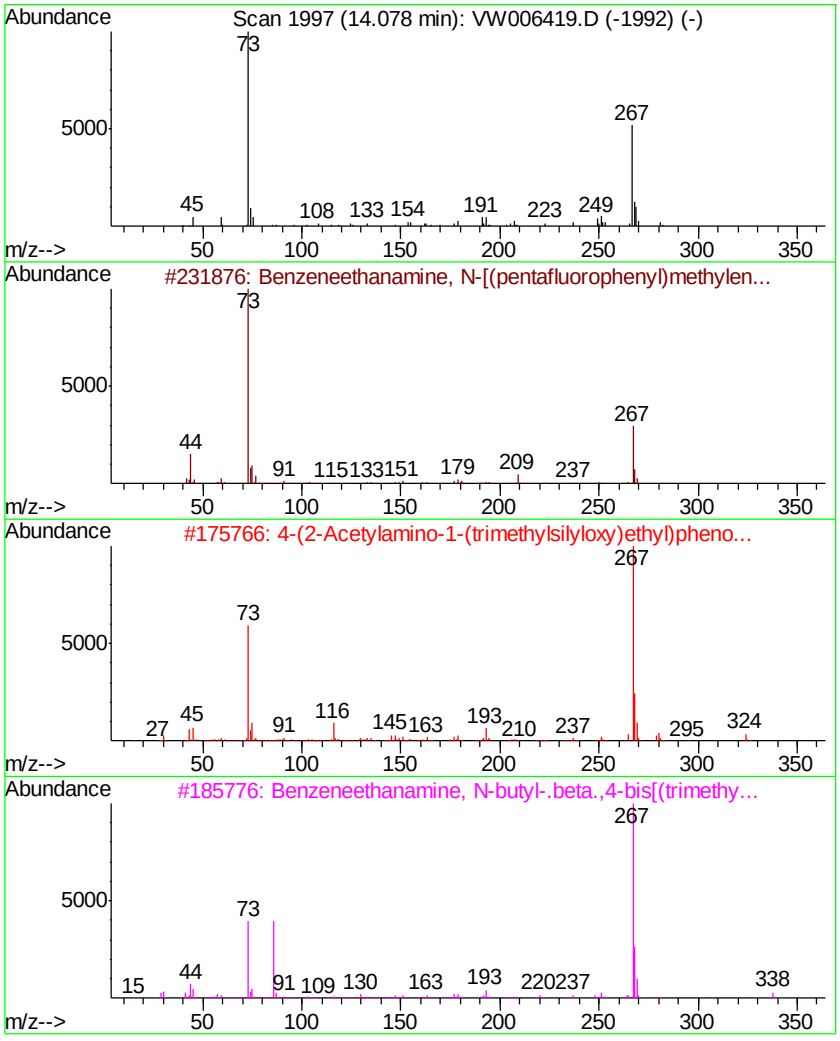
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

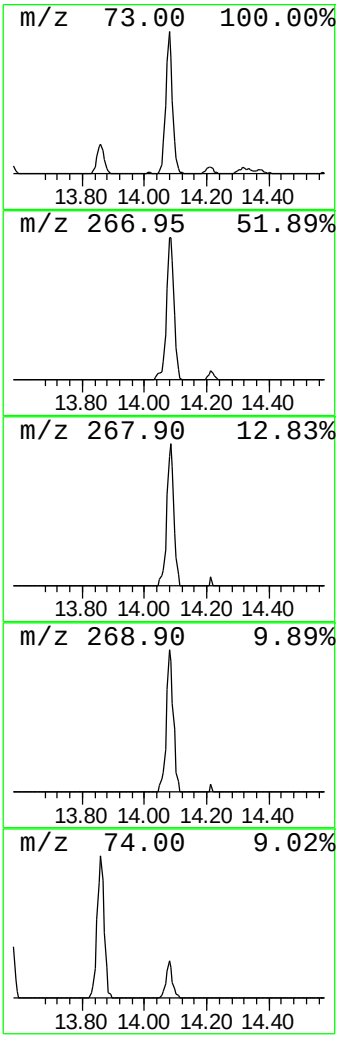
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzeneethanamine, N-[(pent... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.43 ug/L	45843	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	72
2	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	64
3	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	56
4	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	50
5	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	50





Tentatively Identified Compound (LSC) summary

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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...	9.90	2.3	ug/L	57813	1	8.85	629307	25.0
Benzeneethanamine...	14.08	1.4	ug/L	45843	3	13.57	803019	25.0