LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

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\SOM2WLM031419S.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	44	rBV2	6772	11857	0.73%	0.090%
2	2.355	70	74	86	rVB	79062	167958	10.30%	1.276%
3	2.885	156	161	175	rVB	74105	203955	12.51%	1.550%
4	4.007	333	345	360	rBV2	149883	507234	31.12%	3.855%
5	4.269	387	388	391	rBV3	907	1095	0.07%	0.008%
6	4.483	422	423	426	rVB2	1502	663	0.04%	0.005%
7	4.513	426	428	430	rVB3	916	584	0.04%	0.004%
8	4.586	439	440	441	rVB	1366	499	0.03%	0.004%
9	4.666	447	453	455	rBV6	1268	2243	0.14%	0.017%
10	4.733	462	464	467	rBV3	724	1039	0.06%	0.008%
11	4.903	482	492	506	rBV3	14333	62505	3.83%	0.475%
12	5.141	530	531	533	rBV2	672	488	0.03%	0.004%
13	5.239	543	547	551	rVB5	571	919	0.06%	0.007%
14	5.287	554	555	557	rBV	573	500	0.03%	0.004%
15	5.342	562	564	565	rBV2	850	667	0.04%	0.005%
16	5.415	572	576	579	rBV5	1230	1739	0.11%	0.013%
17	5.531	592	595	596	rVB2	1190	1043	0.06%	0.008%
18	5.635	611	612	615	rVB2	1212	810	0.05%	0.006%
19	5.671	615	618	619	rBV2	578	633	0.04%	0.005%
20	5.684	619	620	623	rVV3	807	602	0.04%	0.005%
21	5.714	623	625	627	rVV2	778	679	0.04%	0.005%
22	5.732	627	628	630	rVV2	972	633	0.04%	0.005%
23	5.769	631	634	637	rVB2	961	687	0.04%	0.005%
24	5.799	637	639	641	rBV3	731	800	0.05%	0.006%
25	5.824	641	643	645	rVV2	1139	928	0.06%	0.007%
26	5.934	649	661	671	rVB7	10587	34898	2.14%	0.265%
27	6.025	671	676	679	rVB3	826	1413	0.09%	0.011%
28	6.068	679	683	686	rVB3	1082	1397	0.09%	0.011%
29	6.104	686	689	691	rBV3	891	1417	0.09%	0.011%
30	6.159	696	698	699	rBV2	517	488	0.03%	0.004%
31	6.190	699	703	706	rVV4	1170	1571	0.10%	0.012%
32	6.232	706	710	712	rVV5	1086	1492	0.09%	0.011%
33	6.263	713	715	717	rVB3	934	816	0.05%	0.006%
34	6.293	717	720	721	rBV3	599	544	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

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\SOM2WLM031419S.M
Title : VOC Analysis

35	6.360	729	731	733	rBV2	676	708	0.04%	0.005%
36	6.397	735	737	742	rVB4	582	792	0.05%	0.006%
37	6.507	754	755	757	rVB	1089	672	0.04%	0.005%
38	6.531	757	759	762	rBV3	1314	1513	0.09%	0.011%
39	6.586	766	768	770	rVB2	1211	915	0.06%	0.007%
40	6.647	774	778	780	rVB4	916	1046	0.06%	0.008%
41	6.677	780	783	785	rBV2	1029	890	0.05%	0.007%
42	6.927	819	824	825	rBV3	772	1010	0.06%	0.008%
43	7.074	837	848	864	rBV	69497	208253	12.78%	1.583%
44	7.293	882	884	889	rVB5	1126	1223	0.08%	0.009%
45	7.641	932	941	953	rVB	319914	750369	46.04%	5.703%
46	7.866	976	978	984	rVB5	1135	1419	0.09%	0.011%
47	8.031	1002	1005	1007	rBV3	682	788	0.05%	0.006%
48	8.177	1027	1029	1031	rBV3	809	629	0.04%	0.005%
49	8.269	1031	1044	1059	rBV2	518505	1629871	100.00%	12.387%
50	8.464	1072	1076	1078	rBV4	949	1095	0.07%	0.008%
51	8.586	1094	1096	1099	rBV4	1040	1168	0.07%	0.009%
52	8.616	1099	1101	1103	rBV3	621	488	0.03%	0.004%
53	8.665	1107	1109	1110	rBV2	850	855	0.05%	0.006%
54	8.714	1115	1117	1119	rVB2	1103	988	0.06%	0.008%
55	8.750	1119	1123	1128	rBV5	1015	1988	0.12%	0.015%
56	8.842	1128	1138	1147	rBV	580579	1163473	71.38%	8.842%
57	9.085	1171	1178	1183	rVB7	3203	7959	0.49%	0.060%
58	9.128	1183	1185	1186	rVB2	857	518	0.03%	0.004%
59	9.146	1186	1188	1190	rVB2	962	624	0.04%	0.005%
60	9.177	1190	1193	1195	rBV4	717	793	0.05%	0.006%
61	9.268	1199	1208	1218	rBV	387184	806510	49.48%	6.129%
62	9.518	1247	1249	1254	rVB4	617	782	0.05%	0.006%
63	9.659	1267	1272	1281	rVB7	2708	6320	0.39%	0.048%
64	9.756	1281	1288	1297	rVB3	12292	25579	1.57%	0.194%
65	9.841	1300	1302	1303	rBV	702	607	0.04%	0.005%
66	9.890	1303	1310	1320	rBV2	30970	69320	4.25%	0.527%
67	10.030	1326	1333	1343	rBV	209120	385614	23.66%	2.931%
68	10.250	1364	1369	1373	rVB	15978	25386	1.56%	0.193%
69	10.323	1373	1381	1388	rBV	719654	1269346	77.88%	9.647%
70	10.488	1405	1408	1409	rBV	1539	1553	0.10%	0.012%
71	10.573	1416	1422	1432	rVB	144065	253652	15.56%	1.928%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

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\SOM2WLM031419S.M
Title : VOC Analysis

72	10.701	1439	1443	1449	rVB	14367	24961	1.53%	0.190%
73	10.774	1451	1455	1460	rVB5	5104	9048	0.56%	0.069%
74	10.847	1461	1467	1473	rBV7	3733	9045	0.55%	0.069%
75	10.921	1473	1479	1489	rBV	263890	459408	28.19%	3.491%
76	11.207	1525	1526	1529	rBV3	841	938	0.06%	0.007%
77	11.402	1556	1558	1563	rVB5	2195	2035	0.12%	0.015%
78	11.548	1576	1582	1583	rVB6	715	1067	0.07%	0.008%
79	11.628	1586	1595	1604	rBV	857424	1452482	89.12%	11.039%
80	11.774	1617	1619	1621	rBV3	1352	1530	0.09%	0.012%
81	12.176	1680	1685	1691	rVB8	4291	9930	0.61%	0.075%
82	12.237	1691	1695	1696	rBV4	1128	1263	0.08%	0.010%
83	12.463	1728	1732	1736	rBV4	2723	5054	0.31%	0.038%
84	12.609	1750	1756	1762	rVV	87202	150823	9.25%	1.146%
85	12.695	1763	1770	1777	rVB	376565	616670	37.84%	4.687%
86	12.920	1804	1807	1808	rBV3	1854	1918	0.12%	0.015%
87	13.030	1820	1825	1826	rBV4	1439	2537	0.16%	0.019%
88	13.194	1849	1852	1857	rVB4	4615	6055	0.37%	0.046%
89	13.408	1880	1887	1894	rBV8	7713	15613	0.96%	0.119%
90	13.512	1899	1904	1905	rBV5	5488	8659	0.53%	0.066%
91	13.560	1906	1912	1919	rVV	883528	1355250	83.15%	10.300%
92	13.853	1953	1960	1967	rBV	735394	1203346	73.83%	9.145%
93	14.011	1984	1986	1987	rBV2	1584	1049	0.06%	0.008%
94	14.072	1991	1996	2003	rVV	46995	81207	4.98%	0.617%
95	14.627	2085	2087	2094	rVB6	4249	6090	0.37%	0.046%
96	14.792	2112	2114	2115	rBV2	1213	677	0.04%	0.005%
97	15.133	2166	2170	2177	rBV9	4754	9763	0.60%	0.074%
98	15.371	2205	2209	2212	rBV3	2809	4134	0.25%	0.031%
99	15.444	2217	2221	2226	rVV2	34382	54341	3.33%	0.413%
100	15.505	2226	2231	2236	rVV2	13647	23799	1.46%	0.181%

Sum of corrected areas: 13158204

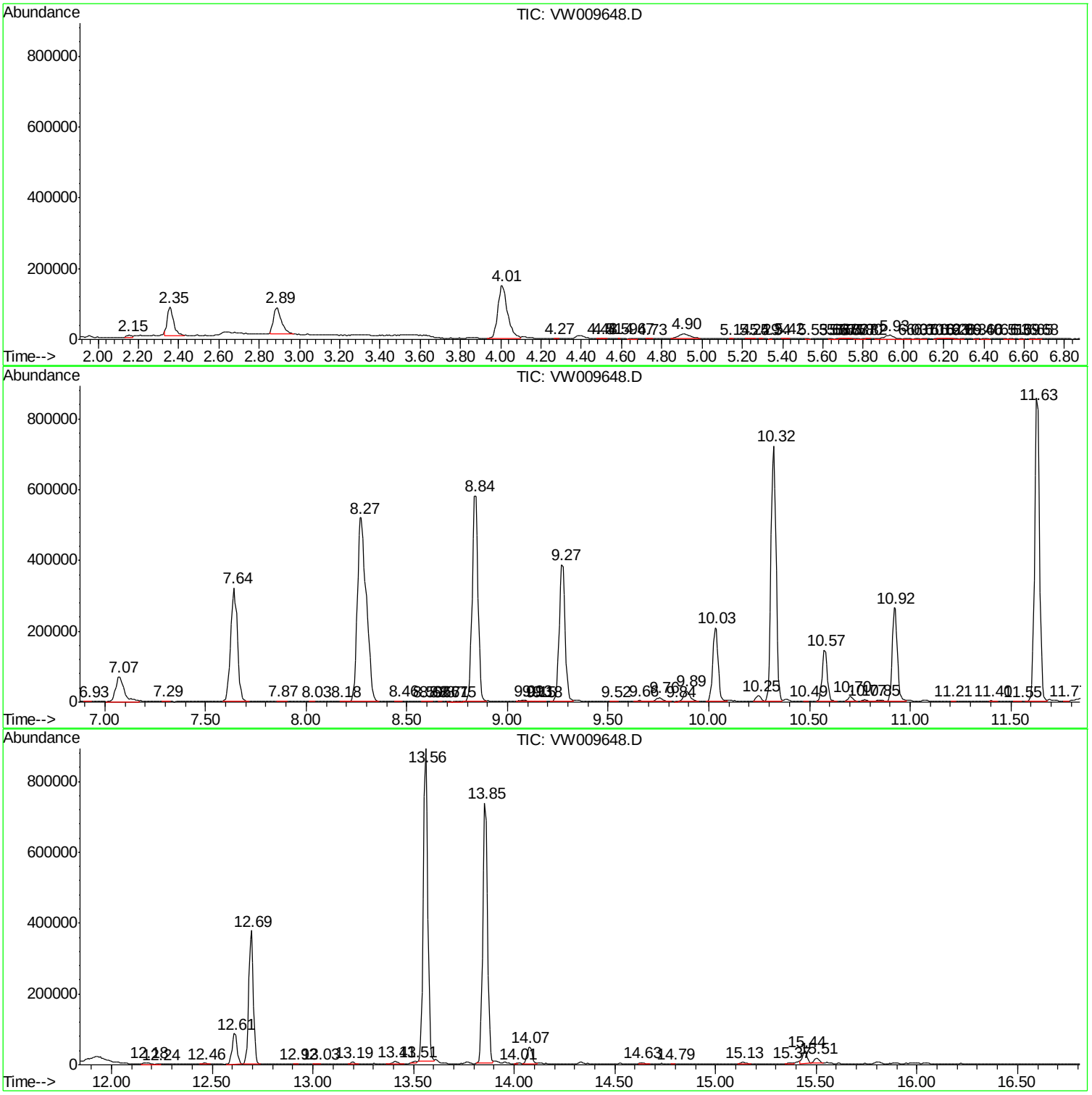
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

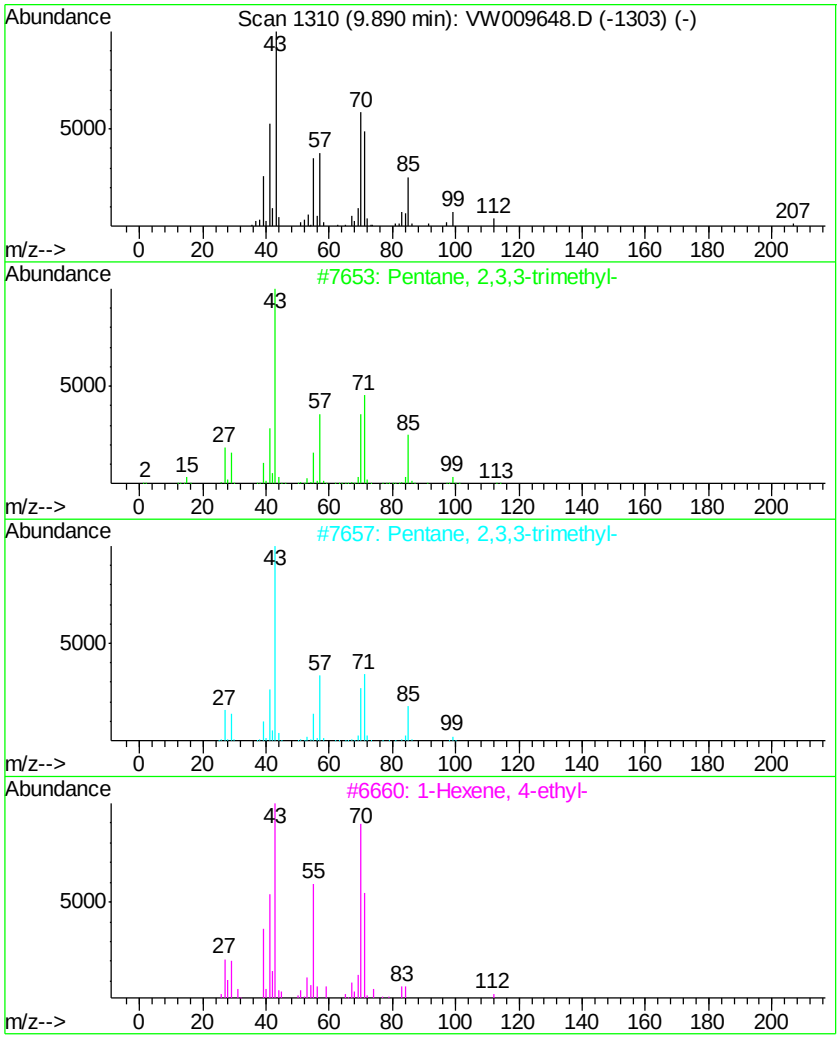
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

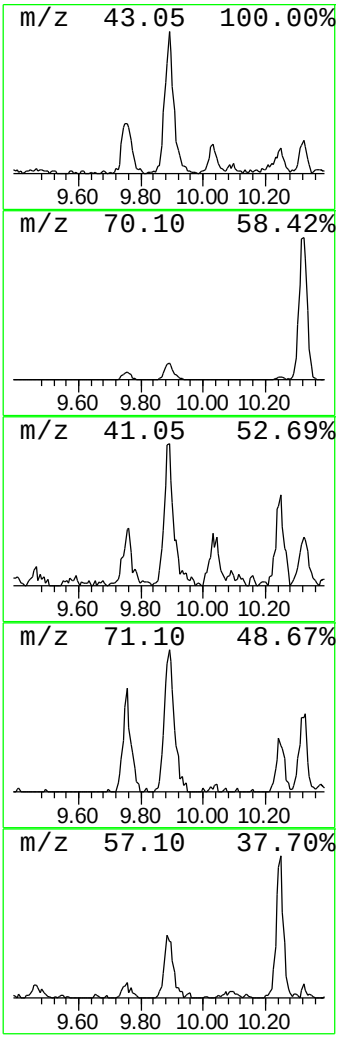
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.49 ug/L	69320	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	58
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	53
5	3,4-Diethyl hexane	142	C10H22	019398-77-7	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

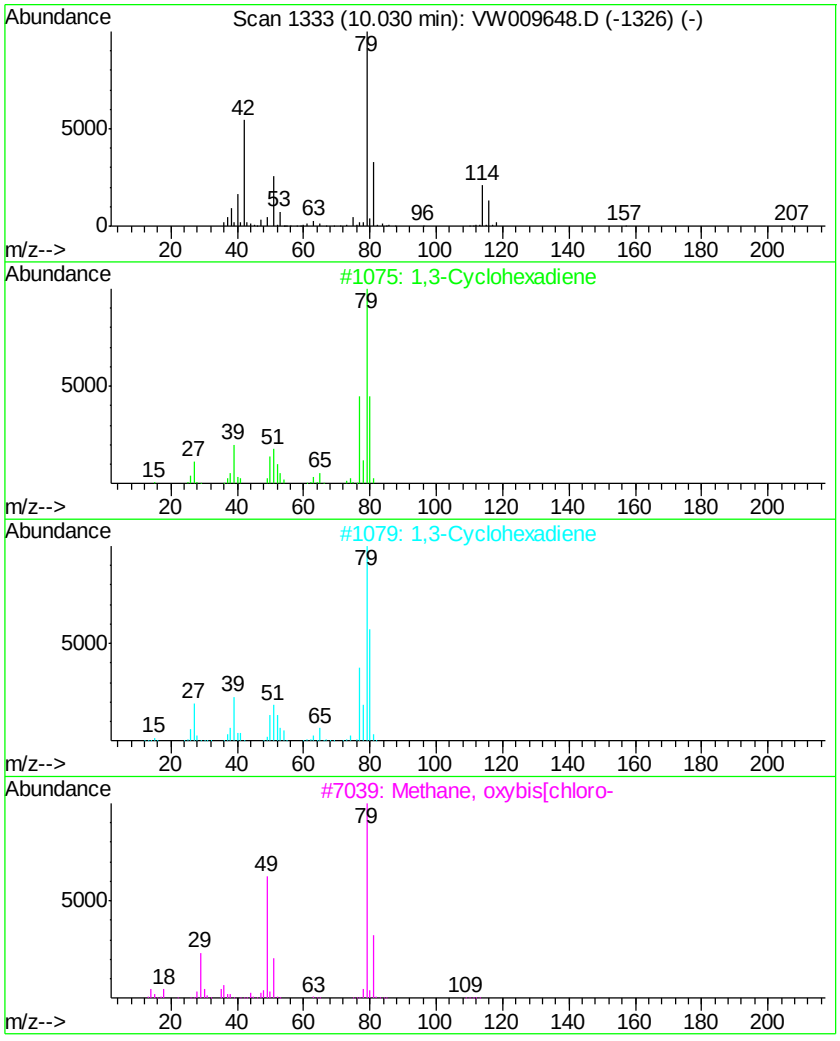
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

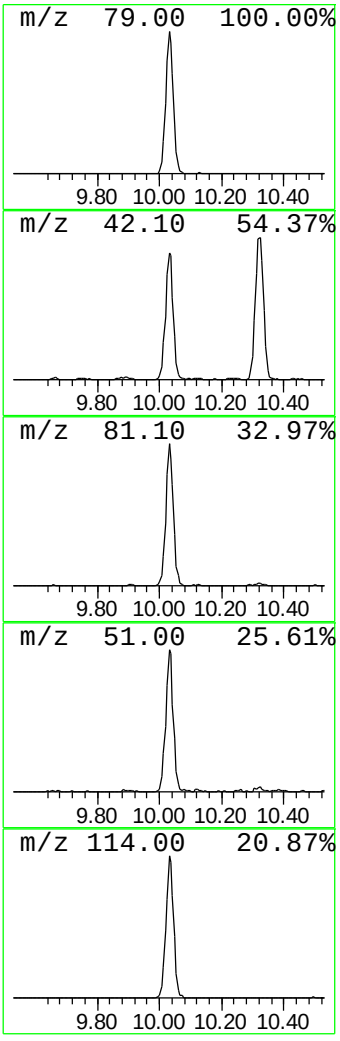
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	8.29 ug/L	385614	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

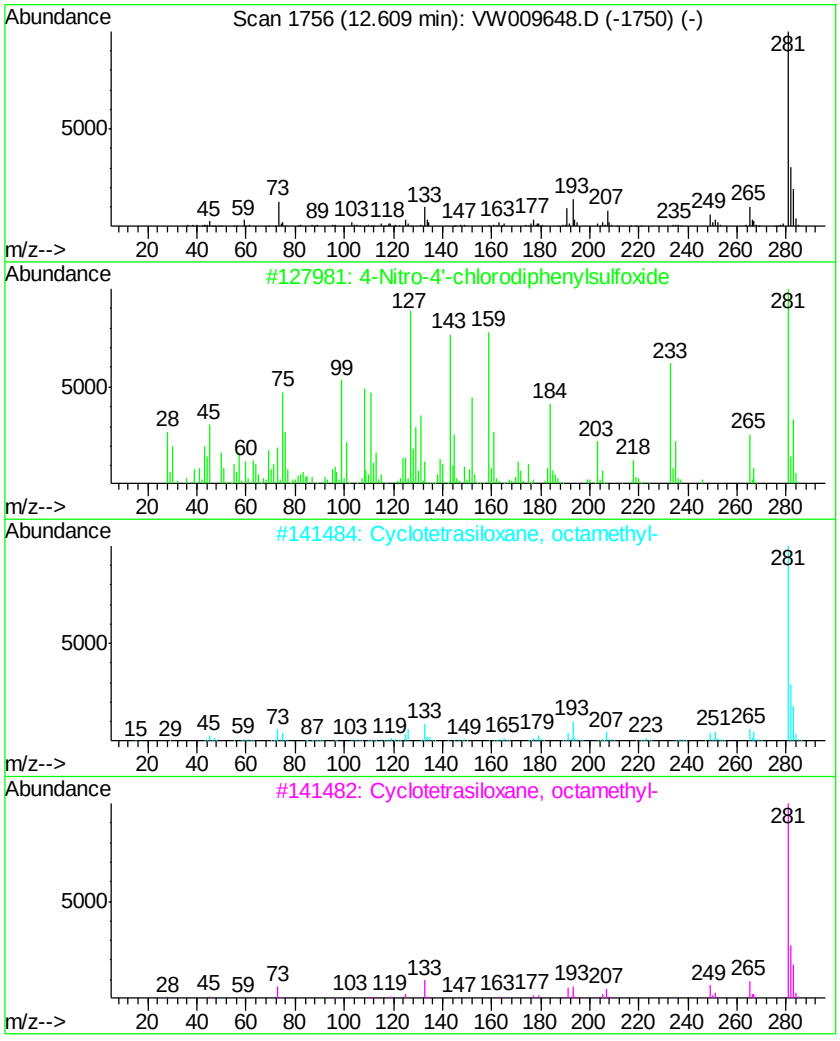
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

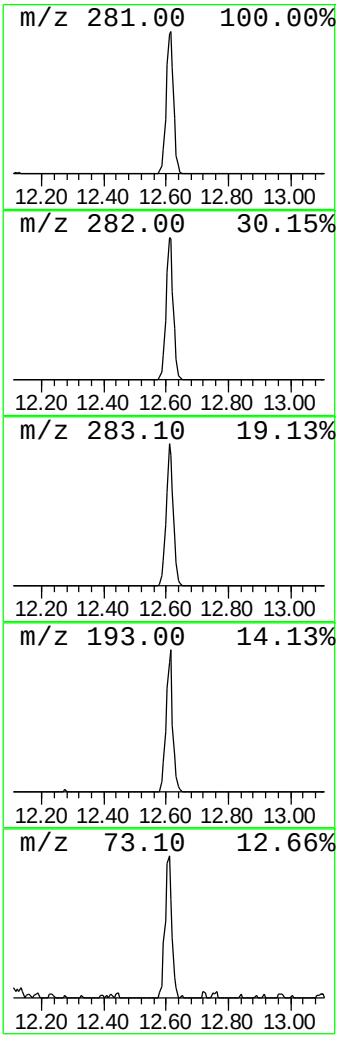
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Nitro-4'-chlorodiphenylsu... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.78 ug/L	150823	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	90
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
5	Benzoic acid, 5-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

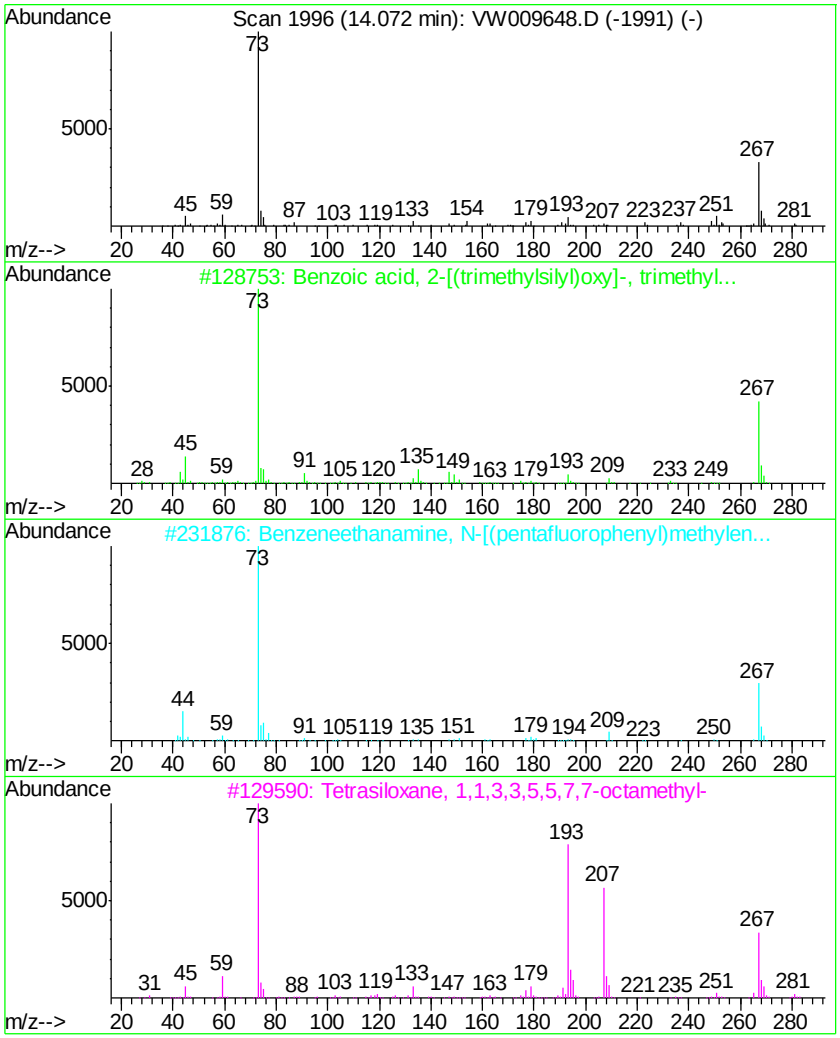
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

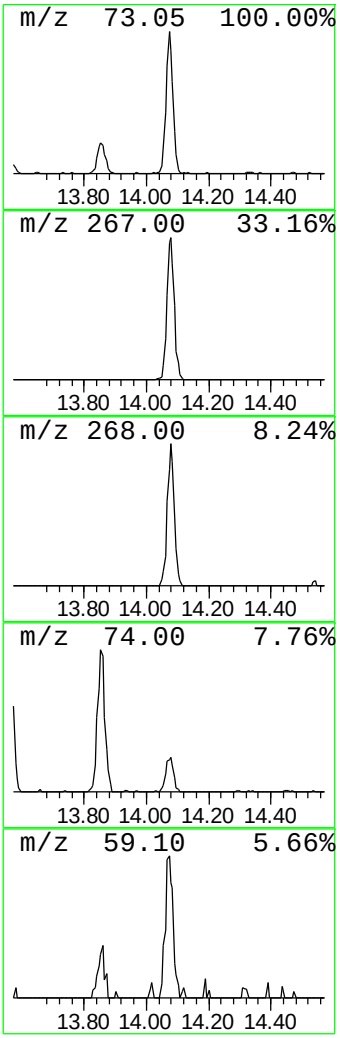
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.50 ug/L	81207	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	45
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	38
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
5	4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040219\
Data File : VW009648.D
Acq On : 02 Apr 2019 11:00
Operator : SY/VA
Sample : VW0402SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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...	9.89	1.5	ug/L	69320	1	8.84	1163470	25.0
unknown-01	10.03	8.3	ug/L	385614	1	8.84	1163470	25.0
4-Nitro-4'-chloro...	12.61	2.8	ug/L	150823	3	13.56	1355250	25.0
unknown-02	14.07	1.5	ug/L	81207	3	13.56	1355250	25.0