LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

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_V\METHOD\SOMVLM060820WMA.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	1.312	63	69	82	rVB	168564	163684	0.30%	0.189%
2	1.560	140	146	157	rVB	114568	136523	0.25%	0.157%
3	2.116	310	319	336	rVB	259931	382024	0.70%	0.440%
4	2.868	551	553	554	rBV2	889	288	0.00%	0.000%
5	2.907	563	565	566	rBV2	1277	569	0.00%	0.001%
6	3.158	640	643	644	rBV3	873	533	0.00%	0.001%
7	3.177	647	649	651	rBV4	1377	857	0.00%	0.001%
8	3.270	676	678	679	rBV2	1082	302	0.00%	0.000%
9	3.312	686	691	693	rBV4	1183	1029	0.00%	0.001%
10	3.348	701	702	705	rBV3	1357	890	0.00%	0.001%
11	3.409	719	721	723	rBV2	1081	547	0.00%	0.001%
12	3.454	733	735	737	rBV3	1081	386	0.00%	0.000%
13	3.473	737	741	742	rBV3	1063	678	0.00%	0.001%
14	3.521	754	756	759	rVV3	1072	489	0.00%	0.001%
15	3.540	761	762	767	rVB4	1861	1031	0.00%	0.001%
16	3.589	775	777	778	rBV2	915	410	0.00%	0.000%
17	3.631	785	790	791	rBV3	1806	1241	0.00%	0.001%
18	3.730	818	821	825	rBV5	1144	802	0.00%	0.001%
19	3.762	828	831	834	rBV5	1224	875	0.00%	0.001%
20	3.798	838	842	846	rVB5	1879	1555	0.00%	0.002%
21	3.820	846	849	850	rBV3	1130	673	0.00%	0.001%
22	3.843	854	856	858	rVB3	1293	447	0.00%	0.001%
23	3.856	858	860	862	rVB3	1399	573	0.00%	0.001%
24	3.894	862	872	901	rBV	102999	281466	0.51%	0.324%
25	4.148	949	951	952	rBV2	921	506	0.00%	0.001%
26	4.174	957	959	962	rVB4	1460	675	0.00%	0.001%
27	4.280	990	992	994	rBV3	1236	740	0.00%	0.001%
28	4.306	999	1000	1004	rBV3	872	696	0.00%	0.001%
29	4.373	1004	1021	1046	rBV	209496	524140	0.95%	0.604%
30	4.608	1092	1094	1095	rBV2	1037	388	0.00%	0.000%
31	4.618	1095	1097	1099	rBV3	2034	1231	0.00%	0.001%
32	4.862	1170	1173	1174	rBV3	1345	752	0.00%	0.001%
33	4.888	1178	1181	1184	rBV5	1245	1001	0.00%	0.001%
34	4.901	1184	1185	1186	rBV	836	266	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

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_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

35	5.068	1221	1237	1259	rBV2	501776	1278499	2.33%	1.473%
36	5.511	1371	1375	1377	rBV4	2136	1627	0.00%	0.002%
37	5.640	1402	1415	1438	rBV	405020	814225	1.48%	0.938%
38	5.897	1491	1495	1496	rBV3	1577	887	0.00%	0.001%
39	6.093	1543	1556	1586	rBV2	289786	655926	1.19%	0.756%
40	6.553	1698	1699	1703	rVB4	1130	471	0.00%	0.001%
41	6.589	1708	1710	1713	rBV4	1743	1205	0.00%	0.001%
42	6.724	1751	1752	1755	rBV3	855	561	0.00%	0.001%
43	6.769	1765	1766	1769	rBV3	1645	1074	0.00%	0.001%
44	7.007	1830	1840	1865	rVB	167052	300527	0.55%	0.346%
45	7.167	1888	1890	1893	rBV4	2311	1865	0.00%	0.002%
46	7.261	1916	1919	1921	rBV4	2145	1674	0.00%	0.002%
47	7.338	1932	1943	1962	rVB	602026	1029697	1.88%	1.186%
48	7.582	2018	2019	2021	rBV2	1113	424	0.00%	0.000%
49	7.640	2029	2037	2060	rVB2	118121	252513	0.46%	0.291%
50	8.064	2164	2169	2170	rBV5	2468	2048	0.00%	0.002%
51	8.106	2173	2182	2205	rVV	354536	599557	1.09%	0.691%
52	8.614	2327	2340	2352	rBV4	18614	37355	0.07%	0.043%
53	8.707	2367	2369	2372	rVB3	1341	548	0.00%	0.001%
54	8.797	2394	2397	2398	rBV3	2163	1292	0.00%	0.001%
55	8.875	2408	2421	2435	rBV	632998	1025106	1.87%	1.181%
56	9.035	2457	2471	2494	rBV	12819302	20473373	37.30%	23.583%
57	9.167	2497	2512	2556	rVB	31362527	54894257	100.00%	63.232%
58	9.698	2670	2677	2683	rBV2	46202	72035	0.13%	0.083%
59	10.238	2835	2845	2868	rVB	402468	744321	1.36%	0.857%
60	10.936	3054	3062	3086	rVB	305942	503783	0.92%	0.580%
61	11.270	3156	3166	3181	rBV	726686	1093695	1.99%	1.260%
62	11.357	3186	3193	3214	rVB	149923	235266	0.43%	0.271%
63	11.646	3274	3283	3302	rVB	733079	1207148	2.20%	1.391%
64	12.855	3657	3659	3661	rBV3	1752	995	0.00%	0.001%
65	13.019	3704	3710	3713	rBV7	3203	3874	0.01%	0.004%
66	13.334	3802	3808	3812	rBV8	2483	2837	0.01%	0.003%
67	13.376	3819	3821	3822	rBV2	1180	415	0.00%	0.000%
68	13.479	3849	3853	3856	rBV6	1356	1082	0.00%	0.001%
69	13.495	3856	3858	3859	rBV2	1380	674	0.00%	0.001%
70	13.530	3859	3869	3878	rVV2	23493	39766	0.07%	0.046%
71	13.595	3887	3889	3890	rBV2	781	320	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

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_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

72	13.630	3897	3900	3901	rBV3	1321	838	0.00%	0.001%
73	13.797	3950	3952	3954	rBV3	902	517	0.00%	0.001%
74	13.829	3960	3962	3965	rBV3	1064	705	0.00%	0.001%
75	13.846	3965	3967	3968	rVV2	883	276	0.00%	0.000%
76	13.919	3985	3990	3993	rBV6	1370	1146	0.00%	0.001%
77	13.984	4008	4010	4011	rBV2	739	318	0.00%	0.000%
78	14.013	4017	4019	4022	rBV4	912	498	0.00%	0.001%
79	14.055	4030	4032	4038	rVB5	1562	1599	0.00%	0.002%
80	14.100	4044	4046	4049	rVB3	911	366	0.00%	0.000%
81	14.141	4054	4059	4060	rBV4	1372	912	0.00%	0.001%
82	14.202	4075	4078	4080	rBV4	1537	964	0.00%	0.001%
83	14.350	4122	4124	4128	rVB4	2180	1128	0.00%	0.001%
84	14.373	4128	4131	4133	rBV4	1183	706	0.00%	0.001%
85	14.392	4133	4137	4145	rVB9	2156	2571	0.00%	0.003%
86	14.431	4145	4149	4150	rBV3	1852	1218	0.00%	0.001%
87	14.508	4170	4173	4175	rBV4	1317	965	0.00%	0.001%
88	14.550	4183	4186	4189	rBV6	666	602	0.00%	0.001%
89	14.678	4222	4226	4228	rBV4	1216	953	0.00%	0.001%
90	14.714	4235	4237	4239	rVB3	1014	468	0.00%	0.001%
91	14.730	4239	4242	4243	rBV3	1133	643	0.00%	0.001%
92	14.833	4272	4274	4276	rBV3	912	393	0.00%	0.000%
93	15.000	4321	4326	4328	rBV4	1515	1467	0.00%	0.002%
94	15.064	4344	4346	4348	rBV3	1054	543	0.00%	0.001%
95	15.077	4348	4350	4351	rBV2	1334	558	0.00%	0.001%
96	15.241	4397	4401	4402	rBV5	1653	1127	0.00%	0.001%
97	15.325	4425	4427	4429	rBV3	1638	940	0.00%	0.001%
98	15.389	4445	4447	4449	rBV3	1762	1006	0.00%	0.001%
99	15.505	4481	4483	4485	rVB3	1850	694	0.00%	0.001%
100	15.517	4485	4487	4488	rBV2	1136	371	0.00%	0.000%

Sum of corrected areas: 86813681

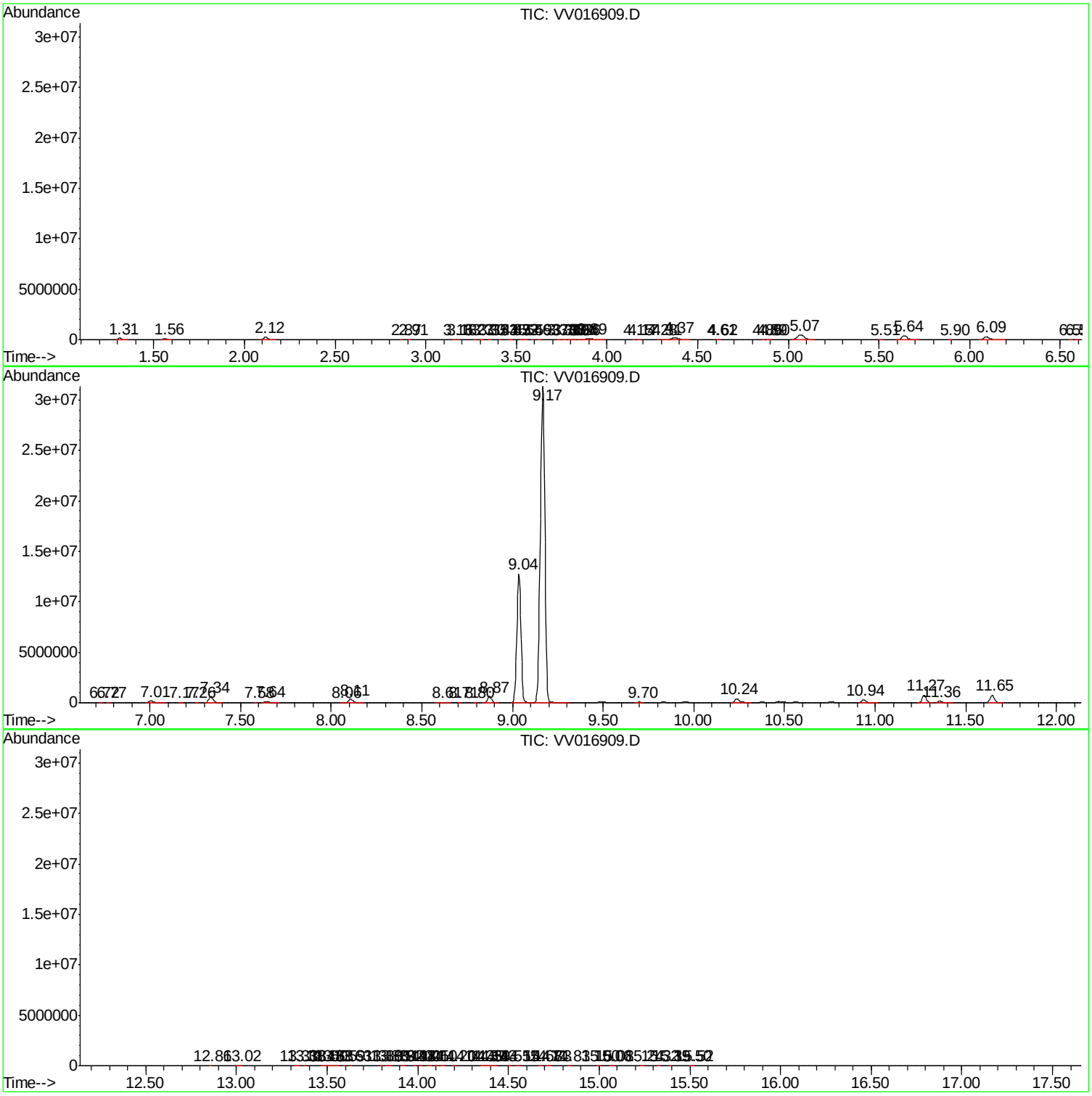
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

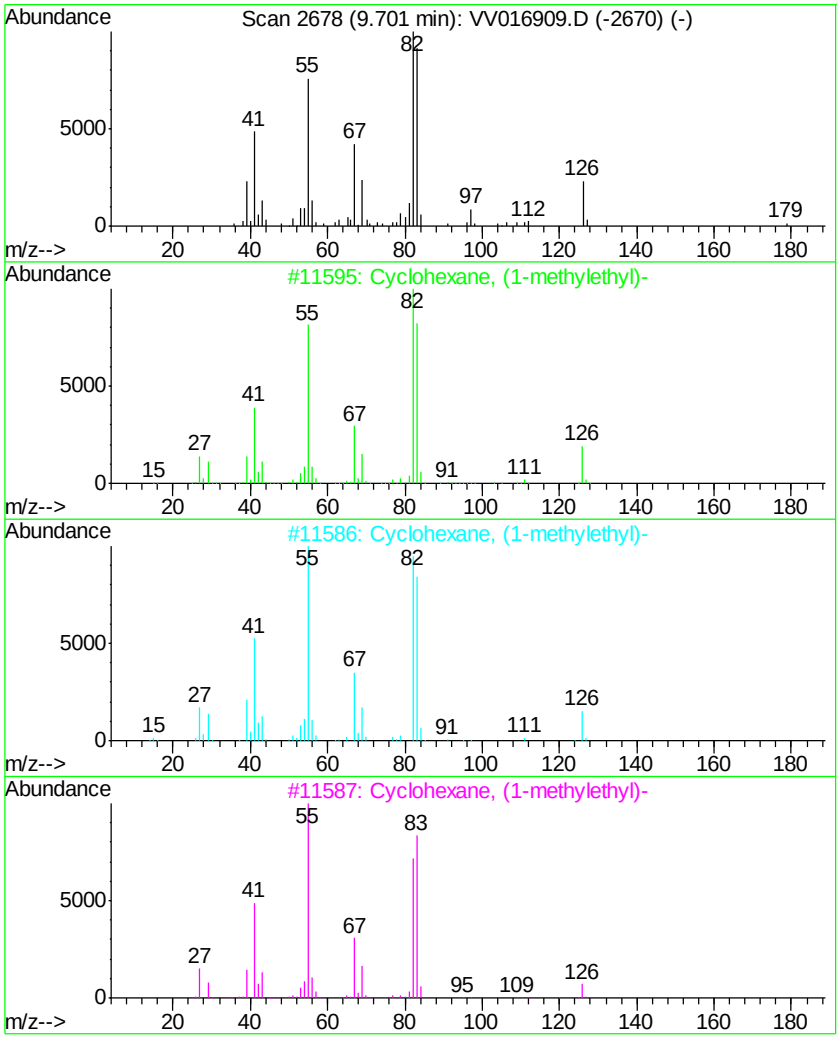
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

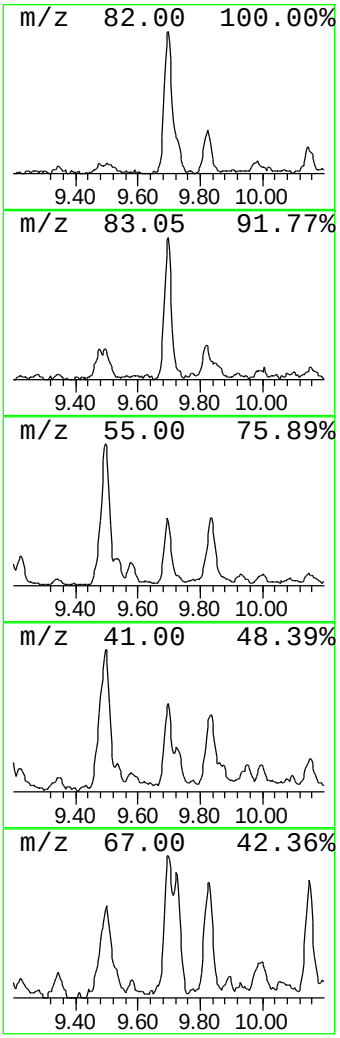
****

Peak Number 2 (DEL) Alkane: Cyclic9.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.51 ug/L	72035	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

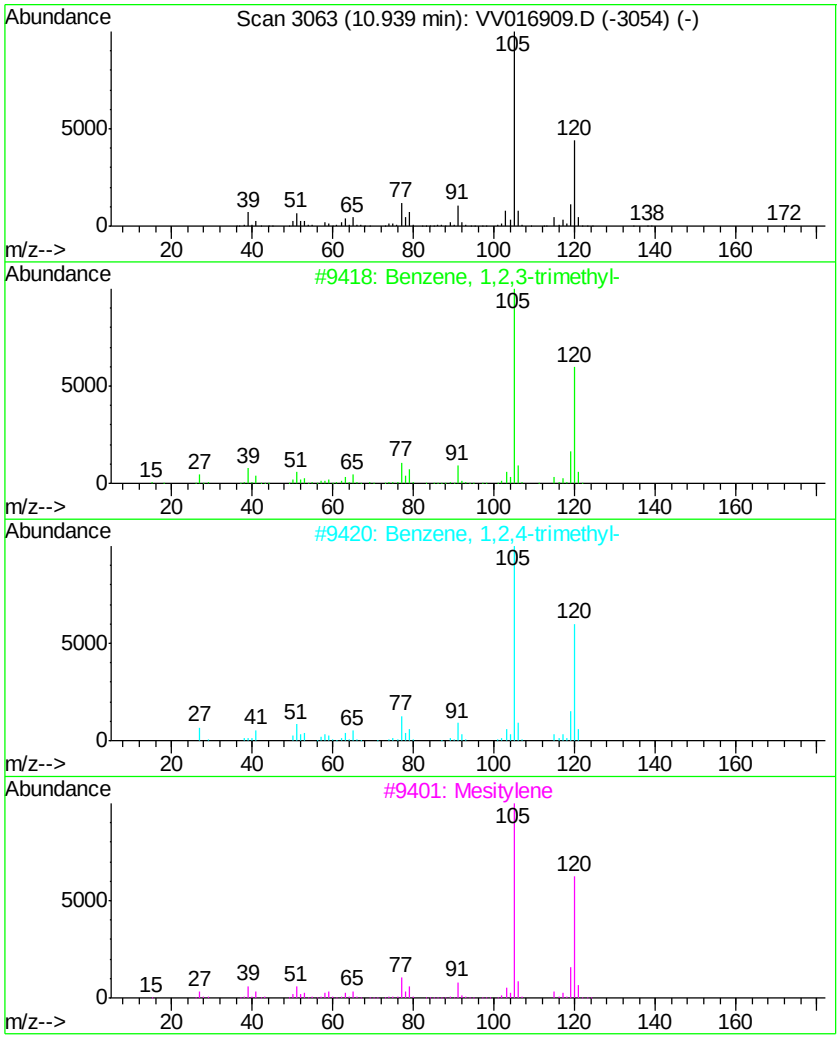
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

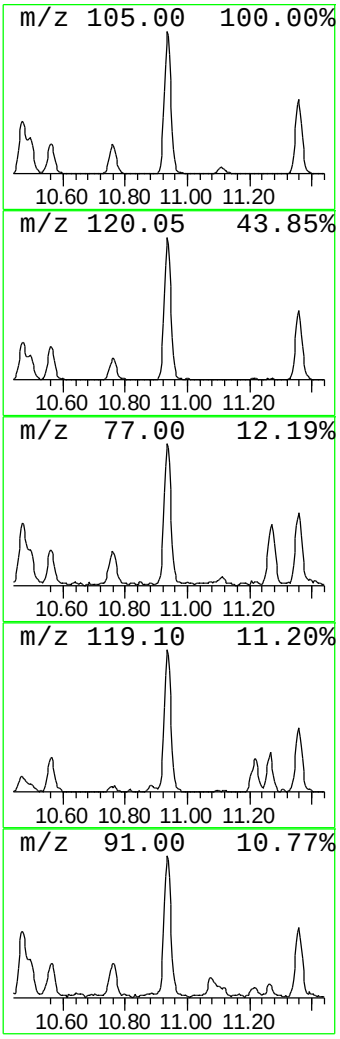
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	23.03 ug/L	503783	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

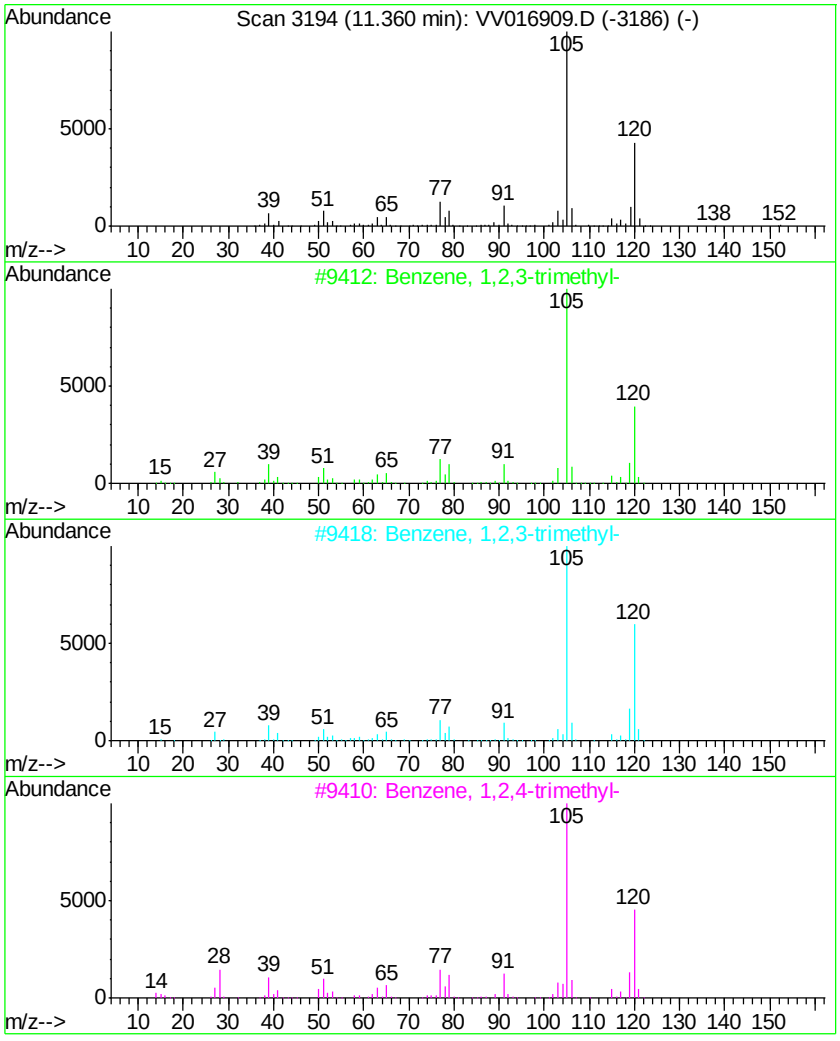
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

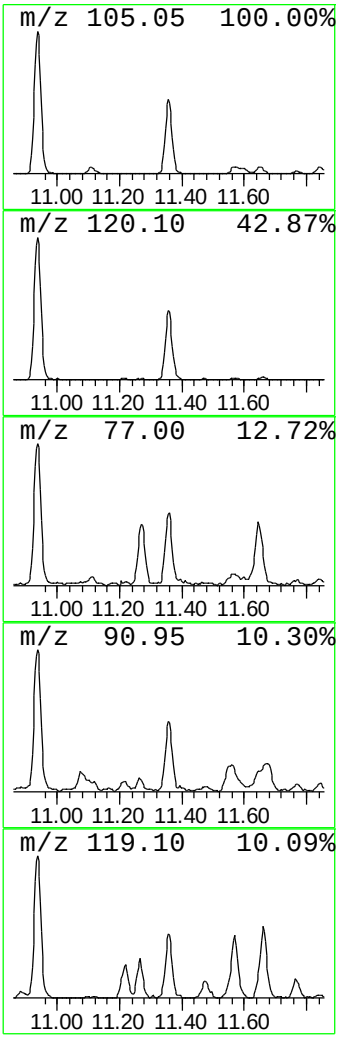
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	10.76 ug/L	235266	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
Operator : SY/MD
Sample : L2990-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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: Cyc...	9.70	3.5	ug/L	72035	2	8.87	1025110	50.0
Benzene, 1,2,3-tr...	10.94	23.0	ug/L	503783	3	11.27	1093700	50.0
Benzene, 1,2,4-tr...	11.36	10.8	ug/L	235266	3	11.27	1093700	50.0