LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

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\SOMVLM090418WMA.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	0.906	3	5	8	rVB2	181	89	0.00%	0.000%
2	0.929	8	12	16	rBV2	264	308	0.00%	0.000%
3	0.951	17	19	23	rVB2	325	185	0.00%	0.000%
4	0.974	23	26	28	rVB2	328	189	0.00%	0.000%
5	1.029	28	43	66	rBV	2750467	3272763	6.72%	2.531%
6	1.119	67	71	85	rVB	70582	81884	0.17%	0.063%
7	1.321	125	134	154	rVB2	468178	604268	1.24%	0.467%
8	1.572	206	212	227	rVB	211509	246970	0.51%	0.191%
9	1.971	328	336	348	rVB	96981	139778	0.29%	0.108%
10	2.131	376	386	399	rBV2	548410	830106	1.70%	0.642%
11	2.794	581	592	605	rBV	211630	353252	0.73%	0.273%
12	3.231	716	728	743	rVB	73812	151129	0.31%	0.117%
13	3.353	763	766	771	rBV4	917	874	0.00%	0.001%
14	3.430	787	790	793	rVB4	796	557	0.00%	0.000%
15	3.446	793	795	798	rVB3	331	154	0.00%	0.000%
16	3.530	817	821	823	rBV2	476	357	0.00%	0.000%
17	3.594	838	841	842	rBV2	553	314	0.00%	0.000%
18	3.681	866	868	870	rBV	261	109	0.00%	0.000%
19	3.739	884	886	889	rBV	466	244	0.00%	0.000%
20	3.758	889	892	894	rBV4	492	317	0.00%	0.000%
21	3.823	909	912	913	rBV	331	180	0.00%	0.000%
22	3.839	916	917	920	rVB	311	132	0.00%	0.000%
23	3.858	920	923	925	rBV2	396	195	0.00%	0.000%
24	3.967	934	957	1032	rBV	20168586	48713178	100.00%	37.672%
25	4.408	1078	1094	1123	rVB	368682	874946	1.80%	0.677%
26	4.852	1230	1232	1235	rBV2	545	226	0.00%	0.000%
27	4.964	1265	1267	1273	rBV4	481	494	0.00%	0.000%
28	5.099	1290	1309	1351	rBV2	938317	2225853	4.57%	1.721%
29	5.318	1375	1377	1384	rVB5	1008	942	0.00%	0.001%
30	5.347	1384	1386	1389	rBV	469	277	0.00%	0.000%
31	5.363	1389	1391	1392	rBV	348	129	0.00%	0.000%
32	5.434	1411	1413	1416	rBV3	692	380	0.00%	0.000%
33	5.456	1418	1420	1424	rVB2	662	391	0.00%	0.000%
34	5.569	1450	1455	1456	rBV2	619	506	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

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\SOMVLM090418WMA.M
Title : VOC Analysis

35	5.672	1469	1487	1516	rBV	665819	1316900	2.70%	1.018%
36	5.967	1561	1579	1614	rBV	21539044	40726989	83.61%	31.496%
37	6.125	1616	1628	1654	rVB	530160	1074837	2.21%	0.831%
38	6.974	1890	1892	1895	rBV3	355	225	0.00%	0.000%
39	7.035	1899	1911	1934	rVV	264770	460831	0.95%	0.356%
40	7.134	1940	1942	1944	rBV3	666	354	0.00%	0.000%
41	7.157	1947	1949	1951	rBV2	574	323	0.00%	0.000%
42	7.286	1984	1989	1995	rBV4	1209	1311	0.00%	0.001%
43	7.366	1999	2014	2030	rBV	955293	1639366	3.37%	1.268%
44	7.668	2095	2108	2123	rBV	185407	316328	0.65%	0.245%
45	8.025	2199	2219	2244	rBV	11987238	19708229	40.46%	15.241%
46	8.144	2245	2256	2284	rVB	632353	1118065	2.30%	0.865%
47	8.639	2407	2410	2414	rVB3	700	440	0.00%	0.000%
48	8.900	2478	2491	2512	rBV	968929	1558936	3.20%	1.206%
49	9.186	2572	2580	2587	rBV6	2559	4295	0.01%	0.003%
50	9.250	2598	2600	2602	rBV	326	179	0.00%	0.000%
51	9.273	2602	2607	2610	rBV3	905	1003	0.00%	0.001%
52	9.459	2662	2665	2666	rBV	394	263	0.00%	0.000%
53	9.494	2674	2676	2678	rVB2	470	234	0.00%	0.000%
54	9.507	2678	2680	2682	rBV2	289	122	0.00%	0.000%
55	9.591	2700	2706	2707	rBV3	2352	2000	0.00%	0.002%
56	9.848	2783	2786	2788	rBV3	415	279	0.00%	0.000%
57	9.874	2792	2794	2797	rVB	436	215	0.00%	0.000%
58	9.925	2806	2810	2814	rBV4	684	623	0.00%	0.000%
59	9.977	2823	2826	2833	rVB3	1136	1067	0.00%	0.001%
60	10.028	2840	2842	2843	rBV	324	87	0.00%	0.000%
61	10.099	2861	2864	2866	rBV4	394	298	0.00%	0.000%
62	10.138	2872	2876	2880	rBV4	442	404	0.00%	0.000%
63	10.221	2900	2902	2904	rBV2	250	145	0.00%	0.000%
64	10.266	2904	2916	2949	rVV	677840	1071358	2.20%	0.829%
65	10.427	2958	2966	2977	rBV2	7102	9892	0.02%	0.008%
66	10.485	2982	2984	2988	rBV3	310	122	0.00%	0.000%
67	10.613	3022	3024	3026	rBV2	392	217	0.00%	0.000%
68	10.630	3026	3029	3032	rVV3	538	289	0.00%	0.000%
69	10.787	3075	3078	3080	rBV2	416	320	0.00%	0.000%
70	10.826	3086	3090	3093	rBV3	687	617	0.00%	0.000%
71	10.974	3133	3136	3140	rBV3	440	252	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

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\SOMVLM090418WMA.M
Title : VOC Analysis

72	10.999	3141	3144	3147	rVV2	514	317	0.00%	0.000%
73	11.031	3151	3154	3157	rBV3	449	250	0.00%	0.000%
74	11.183	3198	3201	3205	rVB5	586	382	0.00%	0.000%
75	11.231	3205	3216	3225	rBV4	4230	6974	0.01%	0.005%
76	11.298	3225	3237	3265	rBV	756909	1218680	2.50%	0.942%
77	11.520	3304	3306	3307	rBV2	396	166	0.00%	0.000%
78	11.591	3314	3328	3342	rBV3	61144	135678	0.28%	0.105%
79	11.678	3343	3355	3379	rVB	873218	1400515	2.88%	1.083%
80	11.970	3442	3446	3450	rBV3	802	869	0.00%	0.001%
81	12.166	3505	3507	3512	rVB4	745	500	0.00%	0.000%
82	12.298	3545	3548	3558	rVB8	1301	1419	0.00%	0.001%
83	12.404	3579	3581	3585	rVB3	787	473	0.00%	0.000%
84	12.700	3665	3673	3681	rVB7	4635	6722	0.01%	0.005%
85	12.880	3723	3729	3731	rBV2	768	847	0.00%	0.001%
86	12.932	3741	3745	3756	rBV7	1133	1766	0.00%	0.001%
87	13.015	3769	3771	3776	rVB3	736	478	0.00%	0.000%
88	13.041	3776	3779	3782	rBV3	663	549	0.00%	0.000%
89	13.317	3858	3865	3876	rBV5	4097	6153	0.01%	0.005%
90	13.559	3935	3940	3948	rVB6	2340	3194	0.01%	0.002%
91	13.803	4008	4016	4023	rBV8	2801	4339	0.01%	0.003%

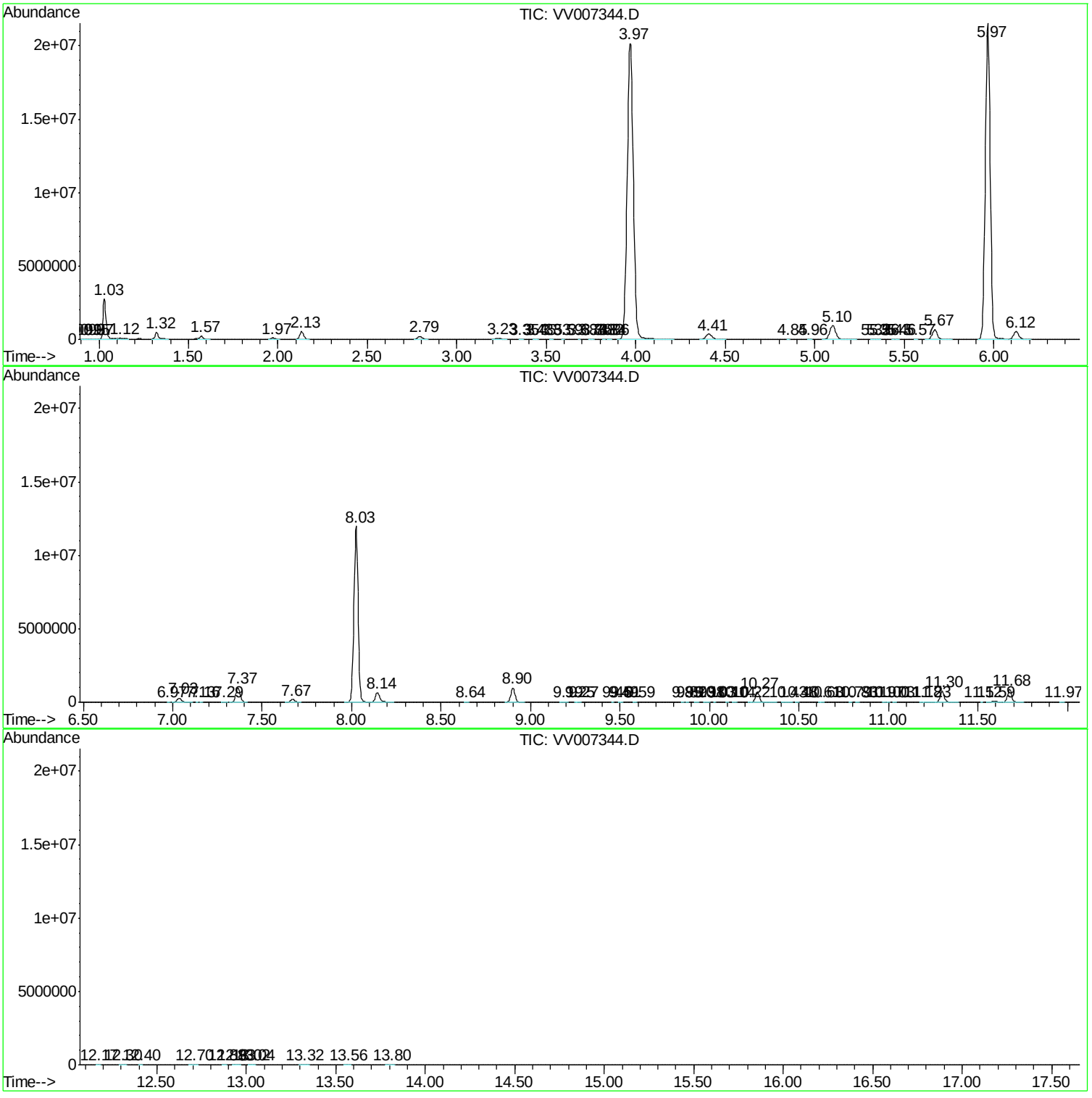
Sum of corrected areas: 129309362

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis

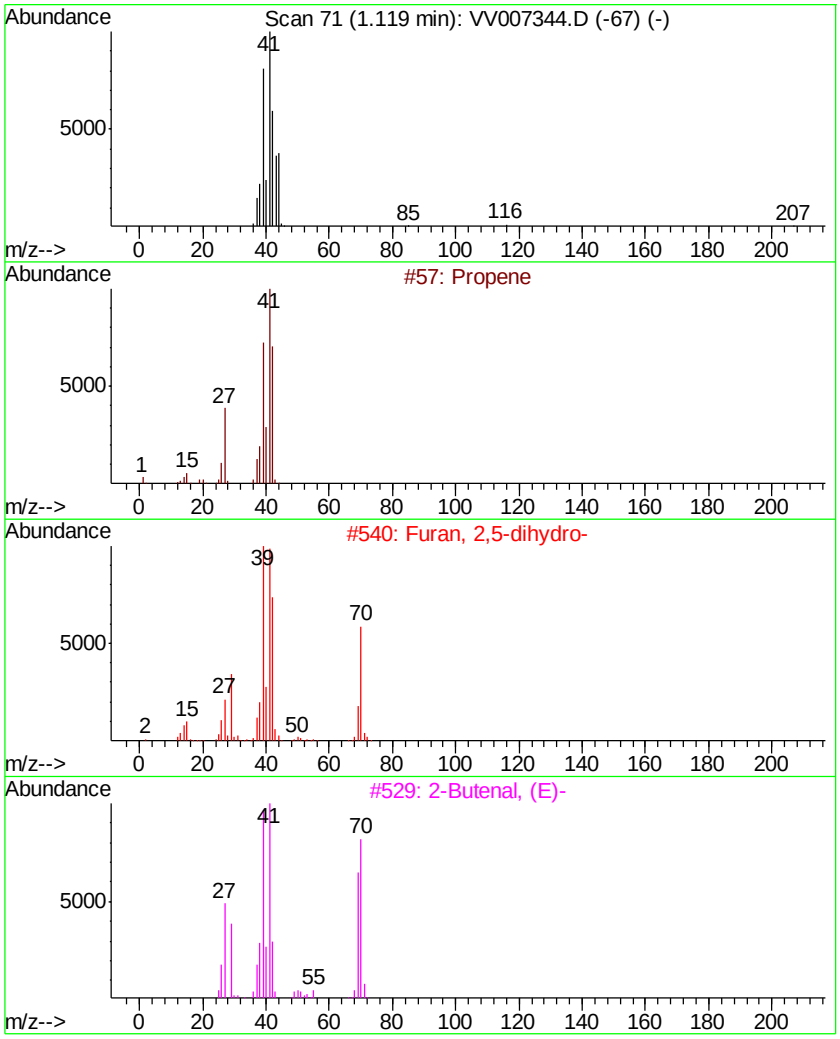
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

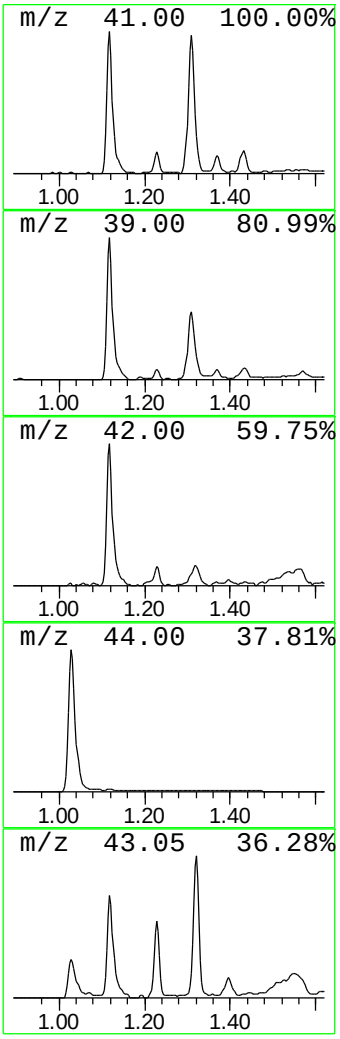
****

Peak Number 2 (DEL) Alkane: Cyclic1.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	3.11 ug/L	81884	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74
5	Cycloheptano[d]imidazolidine, 1,...	186	C9H18N2O2	306947-39-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis

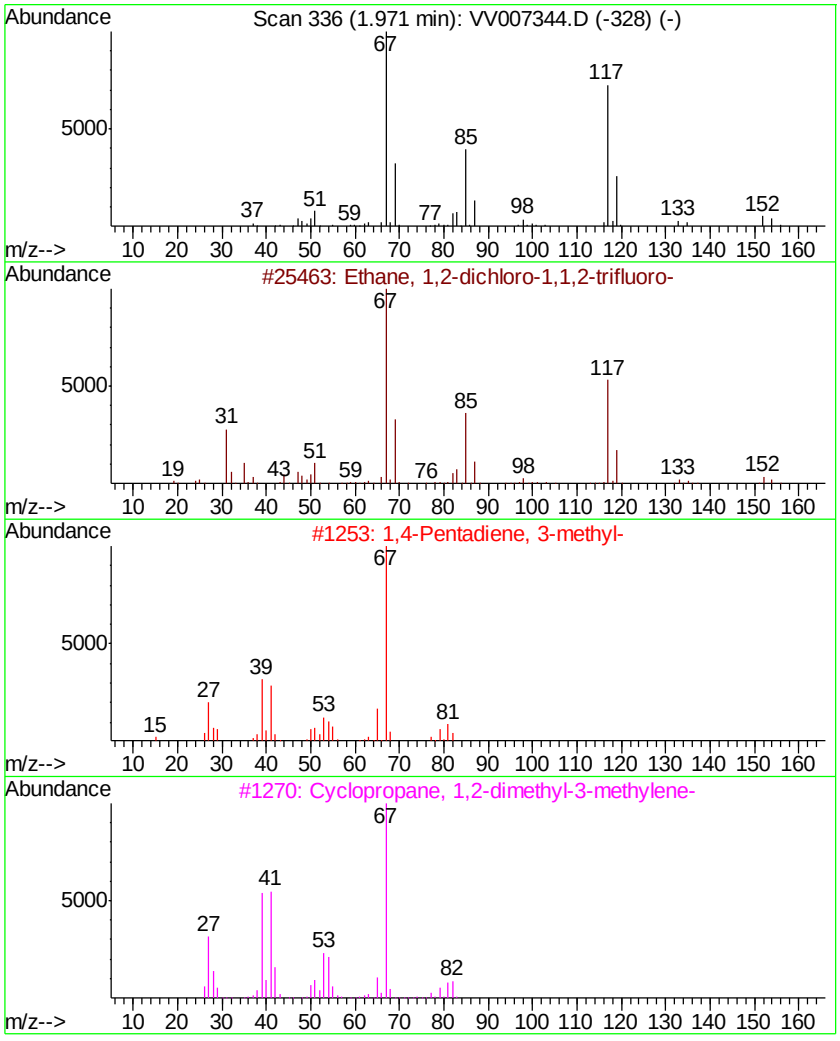
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

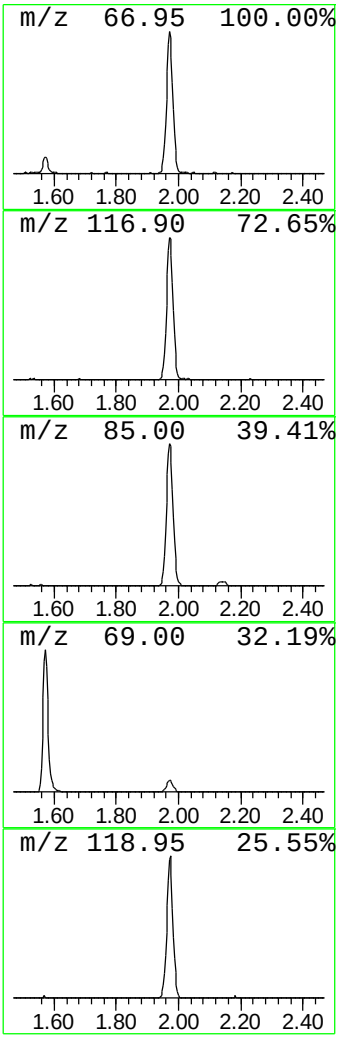
****

Peak Number 3 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.97	5.31 ug/L	139778	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
4	Carbon Tetrachloride	152	CCl4	000056-23-5	9
5	Trichloronitromethane	163	CCl3NO2	000076-06-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis

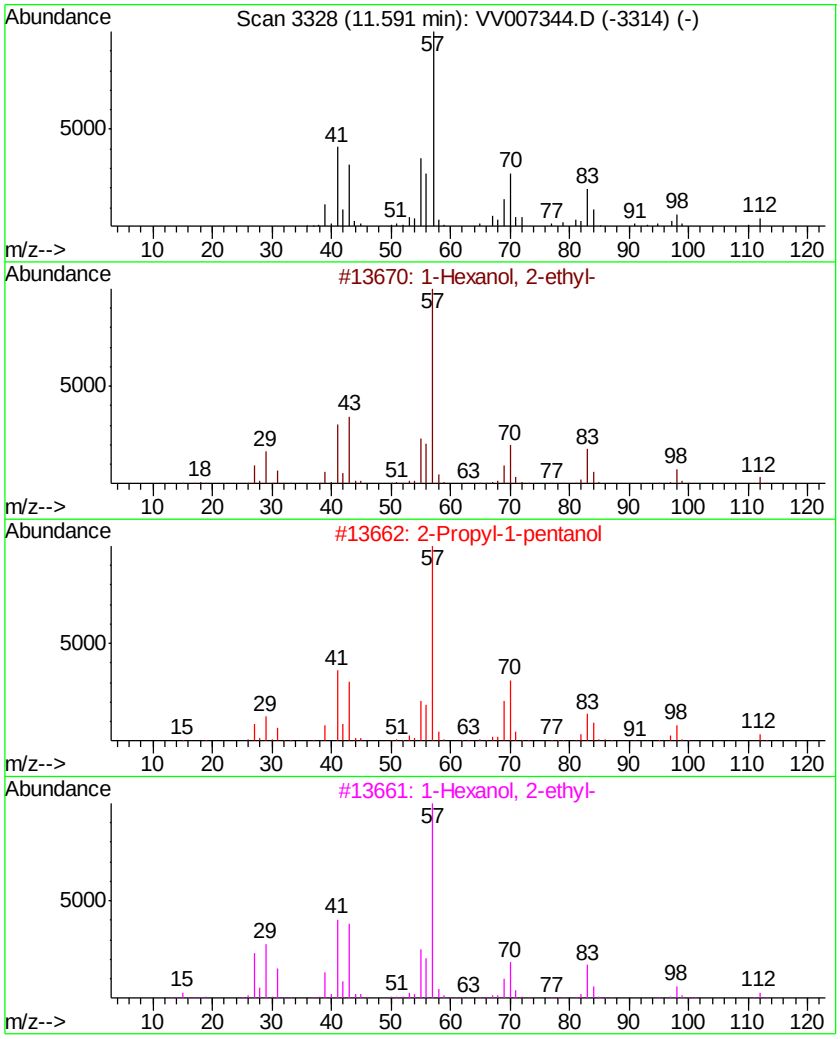
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

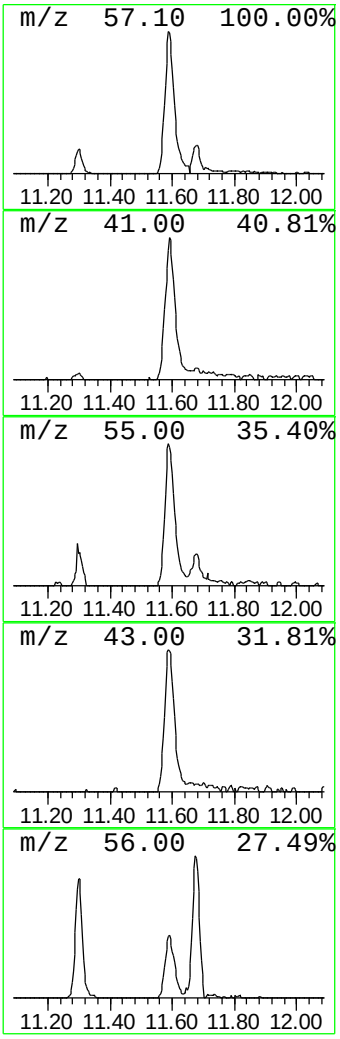
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	5.57 ug/L	135678	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007344.D
Acq On : 04 Sep 2018 22:27
Operator : SY/MD
Sample : J4665-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.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...	1.12	3.1	ug/L	81884	1	5.67	1316900	50.0
Ethane, 1,2-dichl...	1.97	5.3	ug/L	139778	1	5.67	1316900	50.0
1-Hexanol, 2-ethyl-	11.59	5.6	ug/L	135678	3	11.30	1218680	50.0