LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\
Data File : VV010304.D
Acq On : 12 Apr 2019 23:45
Operator : SY/MD
Sample : K2278-12
Misc : 5.86G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB6Y3

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\SOM2VLM041019S.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	1.116	3	8	17	rVB	32345	31336	4.65%	0.569%
2	1.319	67	71	82	rVB	53886	55026	8.17%	1.000%
3	1.563	141	147	160	rVB	65191	81040	12.04%	1.472%
4	2.122	313	321	331	rBV	144227	201291	29.90%	3.657%
5	2.315	374	381	394	rVB2	6489	11627	1.73%	0.211%
6	2.393	402	405	409	rVB2	510	337	0.05%	0.006%
7	2.534	439	449	463	rBV	29442	48783	7.25%	0.886%
8	2.643	481	483	487	rBV2	432	324	0.05%	0.006%
9	2.817	534	537	540	rVB2	703	449	0.07%	0.008%
10	2.872	549	554	555	rBV2	494	330	0.05%	0.006%
11	2.987	583	590	593	rBV3	533	599	0.09%	0.011%
12	3.013	596	598	604	rVB2	892	729	0.11%	0.013%
13	3.068	604	615	628	rBV6	3993	9038	1.34%	0.164%
14	3.225	661	664	667	rBV2	492	394	0.06%	0.007%
15	3.540	758	762	764	rBV	617	397	0.06%	0.007%
16	3.737	821	823	825	rBV2	794	425	0.06%	0.008%
17	3.753	825	828	833	rBV5	1118	1215	0.18%	0.022%
18	3.933	874	884	906	rBV2	26239	69485	10.32%	1.262%
19	4.225	973	975	977	rVV	472	307	0.05%	0.006%
20	4.251	981	983	986	rVV	509	299	0.04%	0.005%
21	4.331	1006	1008	1011	rVB2	744	382	0.06%	0.007%
22	4.402	1011	1030	1054	rBV	119749	303426	45.07%	5.513%
23	4.611	1091	1095	1099	rBV3	320	311	0.05%	0.006%
24	4.675	1112	1115	1119	rVB	346	294	0.04%	0.005%
25	4.708	1119	1125	1128	rBV3	632	656	0.10%	0.012%
26	4.810	1152	1157	1162	rBV3	459	520	0.08%	0.009%
27	4.923	1187	1192	1195	rBV	427	361	0.05%	0.007%
28	5.093	1224	1245	1268	rBV3	265373	673177	100.00%	12.231%
29	5.347	1319	1324	1326	rBV3	521	507	0.08%	0.009%
30	5.373	1330	1332	1339	rVB4	650	508	0.08%	0.009%
31	5.662	1408	1422	1446	rBV	238314	477576	70.94%	8.677%
32	5.846	1477	1479	1482	rBV	641	374	0.06%	0.007%
33	5.945	1503	1510	1519	rVV6	5563	9655	1.43%	0.175%
34	5.997	1519	1526	1543	rVV6	8082	19673	2.92%	0.357%

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Instrument : MSVOA_V
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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_V\METHOD\SOM2VLM041019S.M
Title : VOC Analysis

35	6.116	1551	1563	1585	rVB	163344	331871	49.30%	6.030%
36	6.392	1645	1649	1653	rBV3	781	670	0.10%	0.012%
37	6.518	1686	1688	1692	rBV5	812	528	0.08%	0.010%
38	6.653	1723	1730	1735	rVB6	1344	1642	0.24%	0.030%
39	6.691	1740	1742	1750	rVB5	1668	1844	0.27%	0.034%
40	6.749	1757	1760	1764	rVB2	609	407	0.06%	0.007%
41	6.778	1764	1769	1771	rBV2	442	399	0.06%	0.007%
42	7.029	1833	1847	1867	rBV	79621	146192	21.72%	2.656%
43	7.148	1881	1884	1886	rBV	708	360	0.05%	0.007%
44	7.277	1921	1924	1927	rBV2	616	508	0.08%	0.009%
45	7.360	1937	1950	1968	rBV	301992	530127	78.75%	9.632%
46	7.662	2033	2044	2061	rBV2	53903	95483	14.18%	1.735%
47	7.833	2093	2097	2101	rBV3	775	719	0.11%	0.013%
48	7.971	2136	2140	2141	rBV	1384	697	0.10%	0.013%
49	8.132	2177	2190	2221	rBV	100361	182167	27.06%	3.310%
50	8.347	2252	2257	2259	rBV4	1082	876	0.13%	0.016%
51	8.498	2301	2304	2307	rVB2	536	311	0.05%	0.006%
52	8.688	2358	2363	2366	rBV4	702	742	0.11%	0.013%
53	8.778	2389	2391	2395	rVB2	624	316	0.05%	0.006%
54	8.807	2397	2400	2403	rBV2	698	445	0.07%	0.008%
55	8.897	2414	2428	2450	rBV	396148	662280	98.38%	12.033%
56	9.045	2471	2474	2476	rBV2	466	302	0.04%	0.005%
57	9.096	2487	2490	2492	rBV	515	366	0.05%	0.007%
58	9.328	2559	2562	2565	rBV3	505	306	0.05%	0.006%
59	9.344	2565	2567	2571	rBV	721	494	0.07%	0.009%
60	9.402	2582	2585	2587	rBV	754	463	0.07%	0.008%
61	9.463	2600	2604	2605	rBV	768	351	0.05%	0.006%
62	9.495	2612	2614	2617	rBV	593	441	0.07%	0.008%
63	9.858	2724	2727	2732	rVB2	581	444	0.07%	0.008%
64	9.952	2751	2756	2760	rBV2	712	511	0.08%	0.009%
65	10.103	2799	2803	2807	rBV	398	307	0.05%	0.006%
66	10.129	2807	2811	2812	rBV2	641	385	0.06%	0.007%
67	10.260	2838	2852	2871	rBV	184628	294512	43.75%	5.351%
68	10.492	2922	2924	2927	rBV2	901	565	0.08%	0.010%
69	10.553	2939	2943	2948	rVB4	609	655	0.10%	0.012%
70	10.611	2957	2961	2962	rBV2	800	615	0.09%	0.011%
71	10.781	3011	3014	3020	rBV3	487	580	0.09%	0.011%

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ClientSampleId : DB6Y3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Title : VOC Analysis

72	10.874	3040	3043	3047	rBV3	484	384	0.06%	0.007%
73	10.958	3063	3069	3073	rBV5	1384	1728	0.26%	0.031%
74	11.019	3086	3088	3094	rVB3	519	492	0.07%	0.009%
75	11.061	3097	3101	3104	rBV2	553	494	0.07%	0.009%
76	11.145	3123	3127	3131	rBV3	507	438	0.07%	0.008%
77	11.177	3134	3137	3139	rBV	649	427	0.06%	0.008%
78	11.196	3139	3143	3148	rVV6	1331	1281	0.19%	0.023%
79	11.296	3162	3174	3193	rBV	356127	618827	91.93%	11.244%
80	11.466	3225	3227	3232	rVB3	788	540	0.08%	0.010%
81	11.579	3253	3262	3270	rBV5	4196	7443	1.11%	0.135%
82	11.620	3273	3275	3279	rVV3	1040	910	0.14%	0.017%
83	11.672	3279	3291	3312	rVB	348653	592202	87.97%	10.760%
84	12.058	3405	3411	3412	rBV2	582	544	0.08%	0.010%
85	12.296	3478	3485	3494	rVB4	3452	4563	0.68%	0.083%
86	12.347	3499	3501	3504	rBV2	510	298	0.04%	0.005%
87	12.389	3510	3514	3516	rBV3	1153	909	0.14%	0.017%
88	12.453	3531	3534	3537	rBV3	483	322	0.05%	0.006%
89	12.595	3575	3578	3584	rBV4	534	459	0.07%	0.008%
90	12.633	3585	3590	3593	rBV2	874	726	0.11%	0.013%
91	12.710	3609	3614	3615	rBV4	1694	1270	0.19%	0.023%
92	12.823	3645	3649	3654	rBV3	590	519	0.08%	0.009%
93	12.849	3654	3657	3662	rBV4	536	518	0.08%	0.009%
94	13.231	3774	3776	3780	rBV3	591	432	0.06%	0.008%
95	13.325	3802	3805	3807	rBV	660	321	0.05%	0.006%
96	13.743	3930	3935	3937	rBV2	611	546	0.08%	0.010%
97	13.794	3945	3951	3960	rVB7	4422	5346	0.79%	0.097%
98	13.881	3974	3978	3980	rBV2	560	363	0.05%	0.007%
99	13.939	3992	3996	3998	rBV2	591	417	0.06%	0.008%
100	14.061	4032	4034	4036	rBV2	615	341	0.05%	0.006%

Sum of corrected areas: 5503792

LSC Report - Integrated Chromatogram

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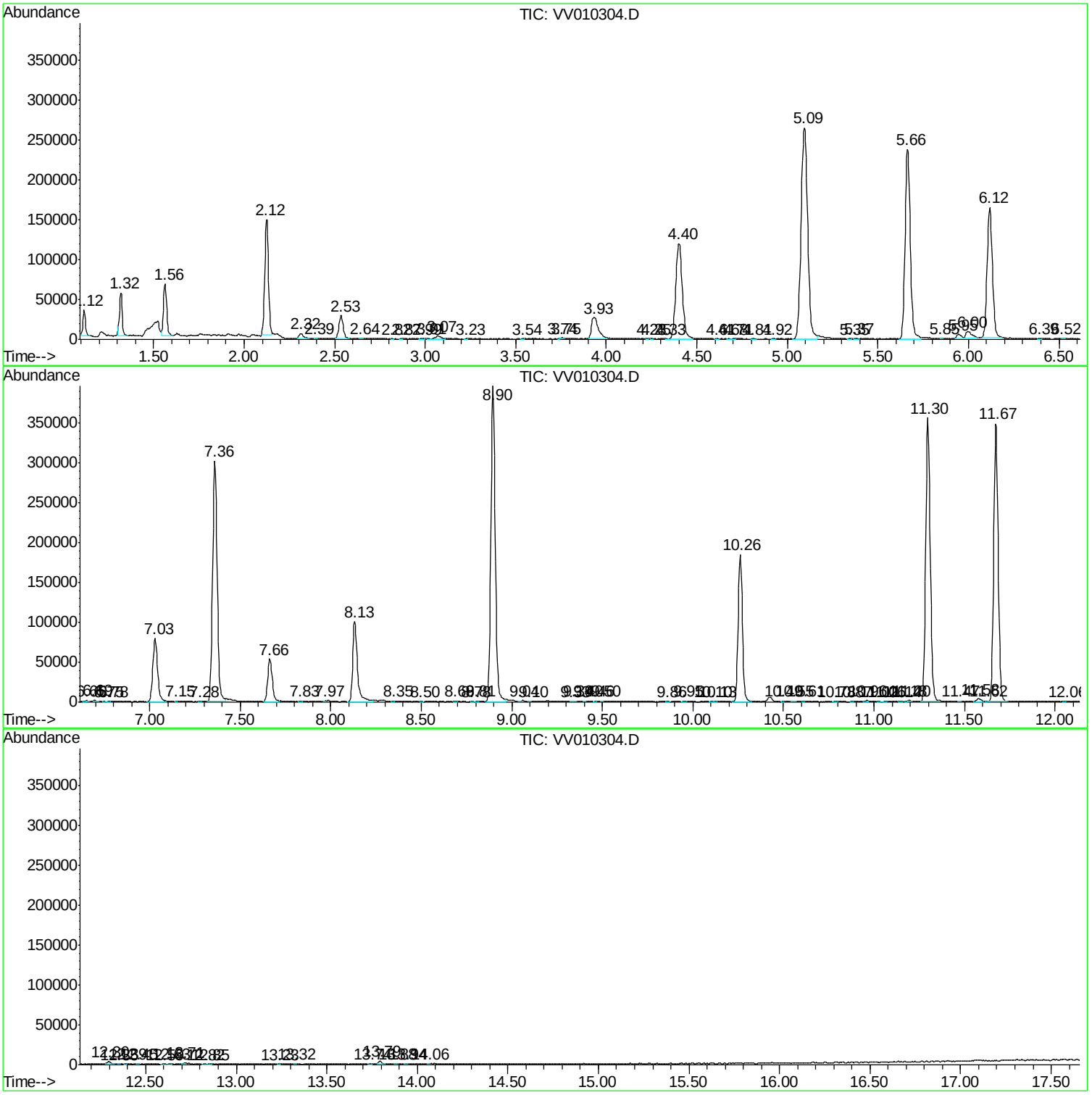
Instrument :
MSVOA_V
ClientSampleId :
DB6Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB6Y3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

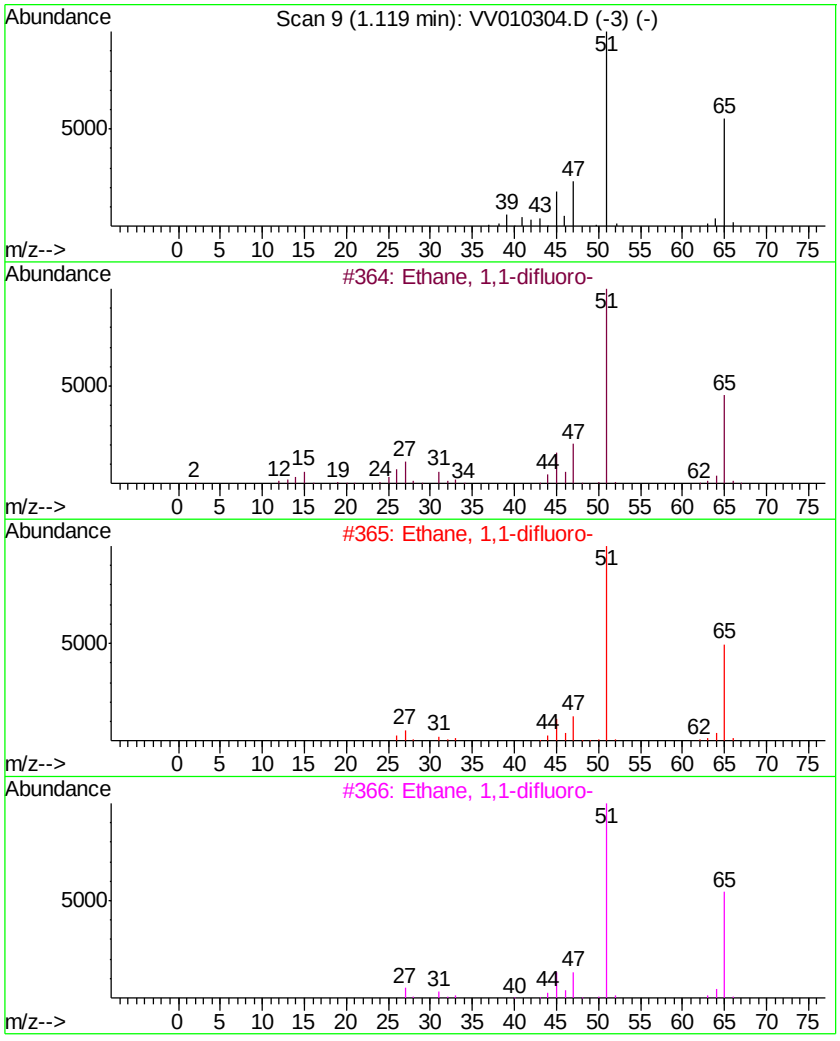
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

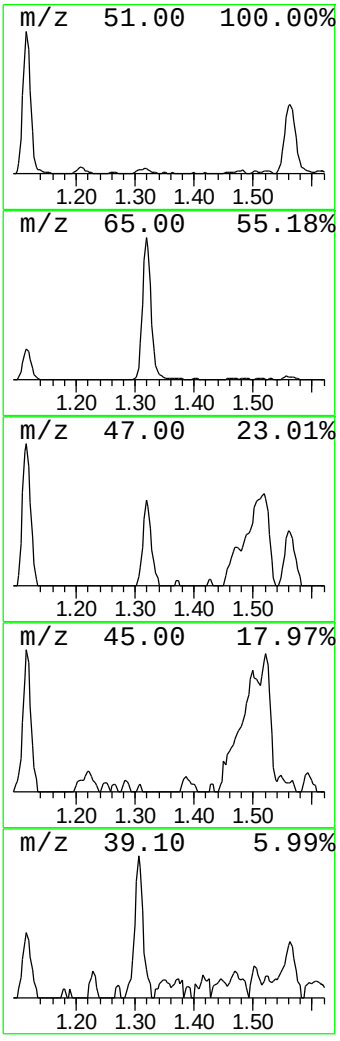
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.64 ug/L	31336	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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
Ethane, 1,1-diflu...	1.12	1.6	ug/L	31336	1	5.66	477576	25.0