LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
Data File : VV017552.D
Acq On : 20 Jul 2020 18:09
Operator : SY/MD
Sample : L3336-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-3

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\SOMVLM072020WMA.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	1.315	64	70	78	rBV	144282	142075	14.98%	1.681%
2	1.576	146	151	162	rVB	102608	109542	11.55%	1.296%
3	1.962	265	271	282	rVB2	57982	83859	8.84%	0.992%
4	2.123	312	321	335	rBV	249772	366247	38.63%	4.333%
5	2.717	503	506	508	rBV4	867	581	0.06%	0.007%
6	2.782	518	526	537	rVB3	9126	16472	1.74%	0.195%
7	2.868	550	553	557	rBV3	768	536	0.06%	0.006%
8	2.894	559	561	565	rVB3	692	524	0.06%	0.006%
9	2.917	565	568	570	rVB4	664	423	0.04%	0.005%
10	2.933	570	573	575	rBV2	612	419	0.04%	0.005%
11	2.958	579	581	585	rVB3	653	364	0.04%	0.004%
12	3.081	617	619	622	rVB	724	386	0.04%	0.005%
13	3.164	642	645	647	rBV2	567	404	0.04%	0.005%
14	3.212	647	660	676	rBV	68058	143577	15.14%	1.699%
15	3.376	709	711	715	rVB4	874	482	0.05%	0.006%
16	3.399	715	718	719	rBV3	680	347	0.04%	0.004%
17	3.540	760	762	765	rVV4	585	402	0.04%	0.005%
18	3.676	800	804	808	rVV3	766	639	0.07%	0.008%
19	3.714	813	816	819	rBV	578	383	0.04%	0.005%
20	3.917	864	879	880	rBV	74285	135803	14.32%	1.607%
21	4.241	976	980	983	rVB3	796	532	0.06%	0.006%
22	4.290	988	995	998	rBV6	852	976	0.10%	0.012%
23	4.376	1004	1022	1045	rBV	160646	397901	41.96%	4.708%
24	4.528	1065	1069	1072	rBV5	715	603	0.06%	0.007%
25	4.585	1084	1087	1089	rBV3	828	537	0.06%	0.006%
26	4.682	1114	1117	1118	rBV	589	394	0.04%	0.005%
27	4.772	1144	1145	1148	rBV	663	340	0.04%	0.004%
28	4.833	1159	1164	1168	rBV6	898	884	0.09%	0.010%
29	4.929	1190	1194	1195	rBV2	618	383	0.04%	0.005%
30	5.010	1216	1219	1221	rBV3	927	478	0.05%	0.006%
31	5.071	1221	1238	1261	rBV2	352657	948204	100.00%	11.218%
32	5.312	1309	1313	1318	rBV7	965	1063	0.11%	0.013%
33	5.341	1318	1322	1327	rBV5	1237	1165	0.12%	0.014%
34	5.476	1361	1364	1366	rBV2	713	479	0.05%	0.006%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-3

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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Title : VOC Analysis

35	5.640	1401	1415	1445	rBV	337011	675043	71.19%	7.986%
36	5.823	1468	1472	1473	rBV2	767	510	0.05%	0.006%
37	6.093	1542	1556	1581	rVV	204874	418868	44.17%	4.956%
38	6.277	1611	1613	1615	rBV	807	354	0.04%	0.004%
39	6.347	1631	1635	1640	rBV7	1310	1269	0.13%	0.015%
40	6.389	1646	1648	1650	rBV2	933	464	0.05%	0.005%
41	6.447	1661	1666	1667	rBV3	1098	946	0.10%	0.011%
42	6.524	1688	1690	1692	rBV2	750	382	0.04%	0.005%
43	6.720	1749	1751	1754	rVB2	1230	576	0.06%	0.007%
44	6.743	1754	1758	1761	rBV3	615	640	0.07%	0.008%
45	6.823	1781	1783	1786	rVB2	823	494	0.05%	0.006%
46	7.007	1826	1840	1856	rBV	130210	232820	24.55%	2.754%
47	7.338	1931	1943	1960	rBV	441375	760011	80.15%	8.992%
48	7.643	2028	2038	2059	rBV	94942	163557	17.25%	1.935%
49	7.759	2070	2074	2077	rBV4	1432	1244	0.13%	0.015%
50	7.855	2101	2104	2105	rBV2	823	334	0.04%	0.004%
51	7.952	2127	2134	2142	rBV8	2609	4599	0.49%	0.054%
52	8.045	2160	2163	2165	rBV3	1109	625	0.07%	0.007%
53	8.061	2165	2168	2170	rBV2	627	383	0.04%	0.005%
54	8.106	2173	2182	2201	rVV	246167	409519	43.19%	4.845%
55	8.450	2285	2289	2292	rVB	524	377	0.04%	0.004%
56	8.614	2337	2340	2342	rBV3	979	723	0.08%	0.009%
57	8.736	2370	2378	2380	rBV5	1519	1508	0.16%	0.018%
58	8.807	2397	2400	2403	rBV3	727	522	0.06%	0.006%
59	8.823	2403	2405	2408	rVB3	895	393	0.04%	0.005%
60	8.871	2408	2420	2446	rBV	502336	875808	92.36%	10.362%
61	9.035	2467	2471	2479	rBV6	2052	3024	0.32%	0.036%
62	9.238	2531	2534	2536	rBV3	1037	667	0.07%	0.008%
63	9.450	2596	2600	2603	rBV4	860	695	0.07%	0.008%
64	9.508	2611	2618	2619	rBV3	923	938	0.10%	0.011%
65	9.553	2629	2632	2636	rBV5	719	687	0.07%	0.008%
66	9.691	2673	2675	2677	rBV2	848	370	0.04%	0.004%
67	9.723	2684	2685	2689	rBV4	746	465	0.05%	0.006%
68	9.781	2701	2703	2706	rVB	1105	563	0.06%	0.007%
69	9.859	2721	2727	2729	rBV2	1326	1415	0.15%	0.017%
70	9.907	2739	2742	2745	rBV4	635	547	0.06%	0.006%
71	9.926	2745	2748	2749	rBV3	839	446	0.05%	0.005%

LSC Area Percent Report

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Sample : L3336-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-3

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\SOMVLM072020WMA.M
Title : VOC Analysis

72	10.061	2787	2790	2793	rBV2	846	706	0.07%	0.008%
73	10.116	2803	2807	2812	rBV4	538	620	0.07%	0.007%
74	10.238	2832	2845	2863	rBV2	289047	455705	48.06%	5.391%
75	10.486	2919	2922	2925	rBV4	1009	865	0.09%	0.010%
76	10.813	3018	3024	3028	rBV4	1436	1715	0.18%	0.020%
77	10.939	3054	3063	3072	rVB3	6965	10966	1.16%	0.130%
78	11.032	3090	3092	3094	rBV3	808	392	0.04%	0.005%
79	11.209	3135	3147	3154	rBV7	8800	15488	1.63%	0.183%
80	11.270	3155	3166	3186	rVV	585321	918342	96.85%	10.865%
81	11.553	3245	3254	3267	rBV5	29596	61604	6.50%	0.729%
82	11.646	3272	3283	3301	rVB	544461	854788	90.15%	10.113%
83	12.039	3399	3405	3406	rBV3	3772	3482	0.37%	0.041%
84	12.103	3423	3425	3427	rBV3	1081	494	0.05%	0.006%
85	12.138	3428	3436	3445	rVV3	19412	31022	3.27%	0.367%
86	12.485	3538	3544	3557	rVB3	14307	22560	2.38%	0.267%
87	12.575	3566	3572	3584	rBV9	5656	6754	0.71%	0.080%
88	12.820	3641	3648	3653	rVB7	2065	3211	0.34%	0.038%
89	12.842	3653	3655	3656	rBV	810	386	0.04%	0.005%
90	12.855	3656	3659	3662	rBV4	1525	1144	0.12%	0.014%
91	13.029	3708	3713	3714	rBV4	1466	1215	0.13%	0.014%
92	13.067	3718	3725	3736	rVB3	14080	22070	2.33%	0.261%
93	13.190	3756	3763	3769	rBV8	3495	5537	0.58%	0.066%
94	13.238	3771	3778	3785	rVB5	6310	8977	0.95%	0.106%
95	13.292	3788	3795	3801	rBV8	12213	18072	1.91%	0.214%
96	13.637	3895	3902	3910	rVB5	11996	18260	1.93%	0.216%
97	14.321	4106	4115	4124	rBV7	9240	16920	1.78%	0.200%
98	14.453	4149	4156	4170	rVB6	13732	24013	2.53%	0.284%
99	14.543	4182	4184	4185	rBV2	1186	382	0.04%	0.005%
100	14.842	4271	4277	4289	rVB3	15833	27575	2.91%	0.326%

Sum of corrected areas: 8452455

LSC Report - Integrated Chromatogram

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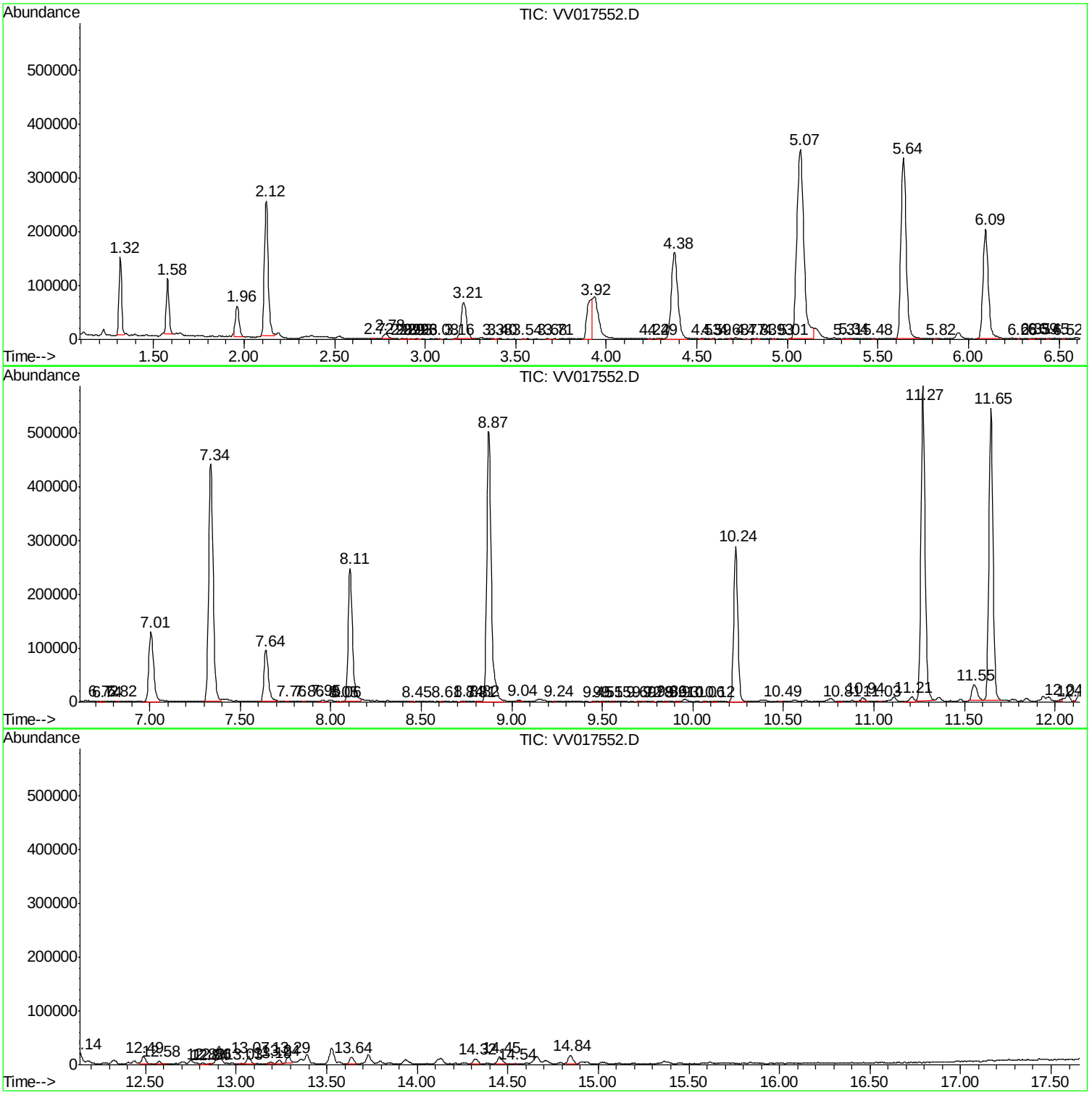
Sample : L3336-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072020\
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ClientSampleId : PMW-3

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Quant Title : VOC Analysis

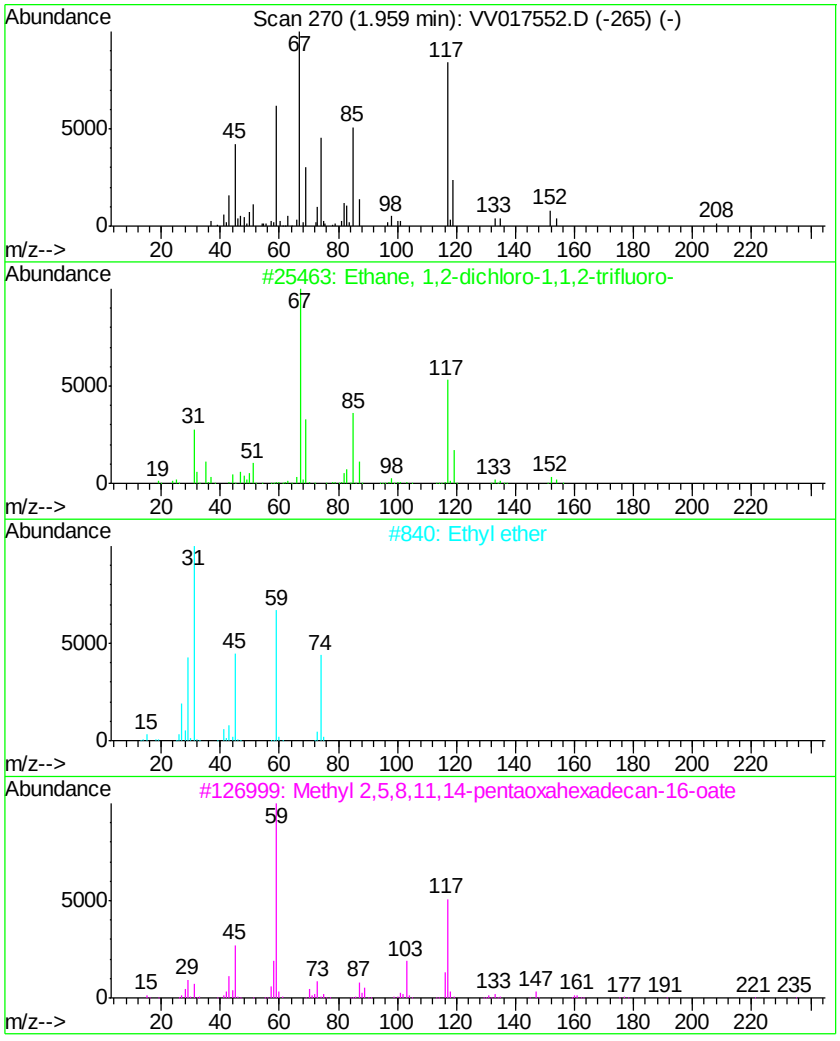
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

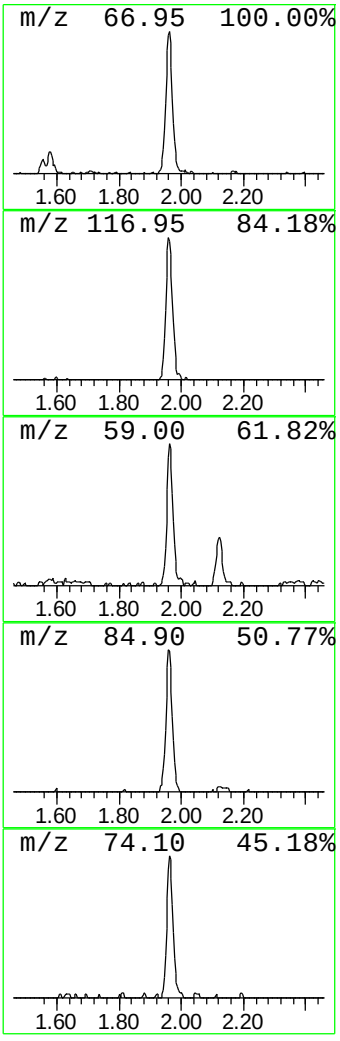
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.21 ug/L	83859	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	27
2	Ethyl ether	74	C4H10O	000060-29-7	25
3	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	25
4	Ethyl ether	74	C4H10O	000060-29-7	14
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	12





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis

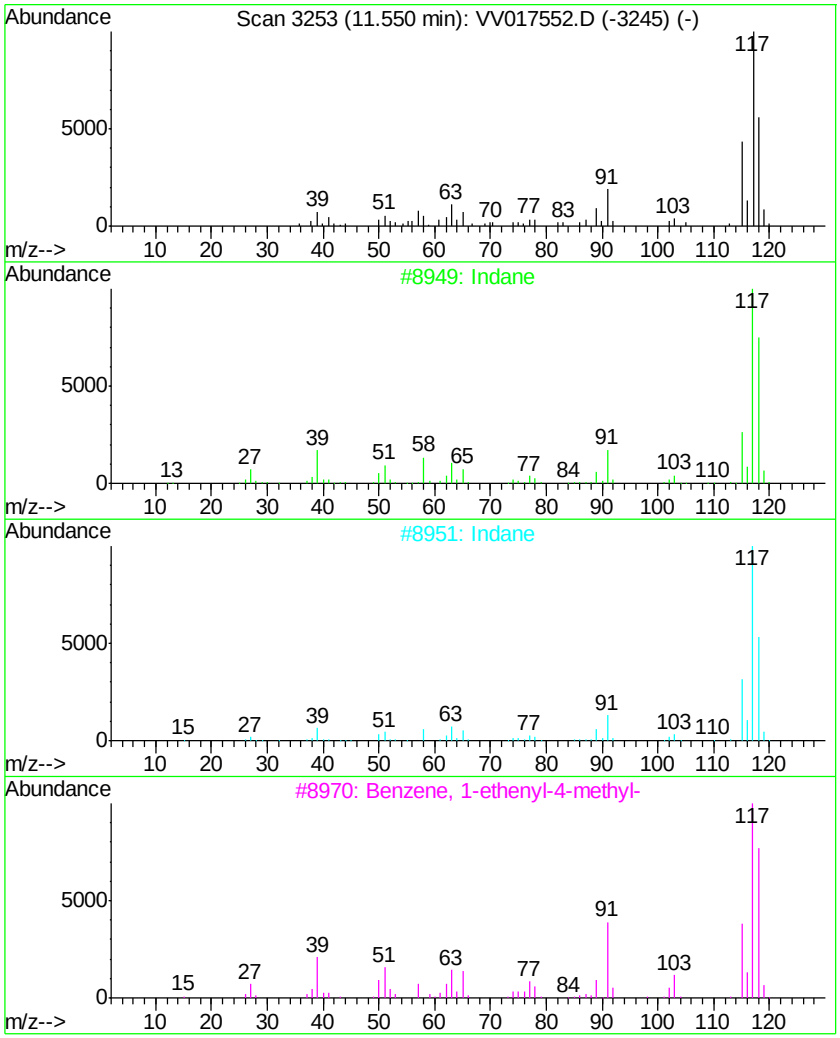
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

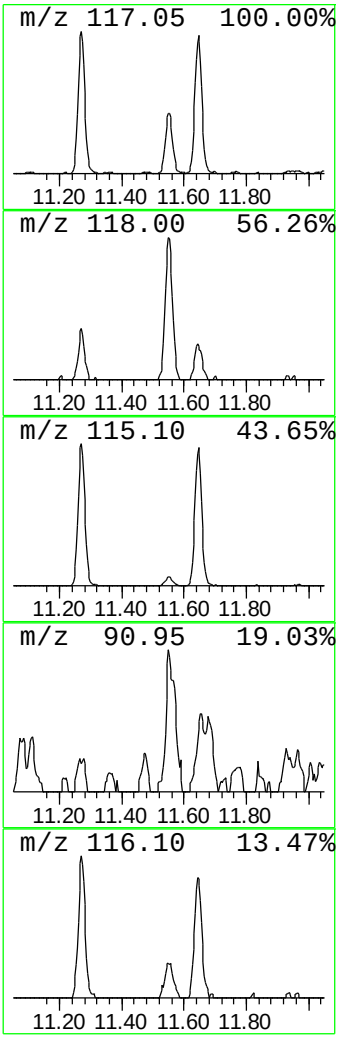
****

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	3.35 ug/L	61604	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.96	6.2	ug/L	83859	1	5.64	675043	50.0
Indane	11.55	3.4	ug/L	61604	3	11.27	918342	50.0