LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

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\SOM2VLM022019S.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	1.319	65	71	81	rVB	63966	65571	16.00%	2.009%
2	1.563	141	147	160	rVB	67025	80014	19.52%	2.451%
3	2.123	313	321	333	rVB	156633	219537	53.57%	6.726%
4	2.357	391	394	396	rBV2	158	98	0.02%	0.003%
5	2.457	422	425	429	rVB	307	193	0.05%	0.006%
6	2.534	440	449	460	rVB5	4139	6626	1.62%	0.203%
7	2.592	464	467	469	rBV	360	128	0.03%	0.004%
8	2.656	476	487	506	rVB	5670	13931	3.40%	0.427%
9	2.820	535	538	543	rBV	298	146	0.04%	0.004%
10	2.894	558	561	563	rBV2	252	182	0.04%	0.006%
11	2.984	586	589	590	rBV2	249	124	0.03%	0.004%
12	3.074	605	617	630	rBV3	6715	13818	3.37%	0.423%
13	3.119	630	631	635	rVB	225	82	0.02%	0.003%
14	3.151	640	641	643	rBV2	236	103	0.03%	0.003%
15	3.245	666	670	672	rBV2	192	137	0.03%	0.004%
16	3.409	719	721	723	rBV	171	102	0.02%	0.003%
17	3.466	736	739	742	rVB	296	166	0.04%	0.005%
18	3.930	871	883	918	rBV3	14152	47789	11.66%	1.464%
19	4.110	937	939	941	rBV2	340	179	0.04%	0.005%
20	4.399	1014	1029	1049	rBV4	61223	163038	39.78%	4.995%
21	4.618	1091	1097	1098	rBV	269	192	0.05%	0.006%
22	4.926	1191	1193	1198	rVB	187	102	0.02%	0.003%
23	4.955	1198	1202	1204	rBV	261	176	0.04%	0.005%
24	5.093	1227	1245	1275	rBV2	159659	409827	100.00%	12.556%
25	5.360	1325	1328	1330	rBV	249	200	0.05%	0.006%
26	5.373	1330	1332	1335	rVV	590	271	0.07%	0.008%
27	5.389	1335	1337	1339	rVB	212	80	0.02%	0.002%
28	5.425	1346	1348	1350	rVB	325	133	0.03%	0.004%
29	5.511	1373	1375	1377	rBV	204	92	0.02%	0.003%
30	5.582	1392	1397	1399	rBV2	265	277	0.07%	0.008%
31	5.663	1407	1422	1444	rBV	142755	285307	69.62%	8.741%
32	6.003	1525	1528	1533	rVB2	242	200	0.05%	0.006%
33	6.068	1545	1548	1549	rBV	139	84	0.02%	0.003%
34	6.116	1549	1563	1584	rBV	93383	190266	46.43%	5.829%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

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\SOM2VLM022019S.M
Title : VOC Analysis

35	6.290	1615	1617	1621	rBV2	172	133	0.03%	0.004%
36	6.322	1625	1627	1630	rVB2	392	177	0.04%	0.005%
37	6.344	1630	1634	1636	rBV2	408	290	0.07%	0.009%
38	6.376	1642	1644	1645	rBV2	371	130	0.03%	0.004%
39	6.463	1668	1671	1673	rBV2	263	127	0.03%	0.004%
40	6.495	1678	1681	1687	rVV	202	145	0.04%	0.004%
41	6.846	1787	1790	1792	rBV2	248	147	0.04%	0.005%
42	6.881	1800	1801	1804	rVB2	192	86	0.02%	0.003%
43	6.926	1812	1815	1817	rVB	172	93	0.02%	0.003%
44	7.029	1836	1847	1866	rBV	56090	98629	24.07%	3.022%
45	7.360	1936	1950	1969	rBV	199970	358162	87.39%	10.973%
46	7.614	2025	2029	2033	rBV2	177	199	0.05%	0.006%
47	7.662	2034	2044	2064	rVV	35189	60296	14.71%	1.847%
48	7.791	2080	2084	2085	rBV	250	188	0.05%	0.006%
49	7.839	2097	2099	2100	rBV	270	91	0.02%	0.003%
50	8.132	2177	2190	2213	rBV	52846	98221	23.97%	3.009%
51	8.396	2270	2272	2278	rVB	164	92	0.02%	0.003%
52	8.457	2287	2291	2294	rBV2	369	319	0.08%	0.010%
53	8.534	2313	2315	2319	rVB	221	142	0.03%	0.004%
54	8.662	2351	2355	2359	rVB3	322	256	0.06%	0.008%
55	8.897	2415	2428	2451	rBV	216289	374209	91.31%	11.465%
56	9.135	2499	2502	2505	rVB2	177	121	0.03%	0.004%
57	9.187	2514	2518	2520	rBV	372	304	0.07%	0.009%
58	9.241	2531	2535	2538	rBV3	245	199	0.05%	0.006%
59	9.283	2544	2548	2551	rVB3	409	273	0.07%	0.008%
60	9.389	2579	2581	2585	rBV2	221	165	0.04%	0.005%
61	9.511	2616	2619	2622	rBV	243	147	0.04%	0.005%
62	9.531	2623	2625	2631	rVB	339	218	0.05%	0.007%
63	9.842	2720	2722	2725	rBV	204	86	0.02%	0.003%
64	9.887	2732	2736	2739	rBV2	331	328	0.08%	0.010%
65	9.958	2756	2758	2760	rBV	217	109	0.03%	0.003%
66	10.023	2774	2778	2783	rBV2	180	218	0.05%	0.007%
67	10.209	2833	2836	2841	rVB	176	91	0.02%	0.003%
68	10.264	2841	2853	2870	rBV	86221	139882	34.13%	4.286%
69	10.424	2896	2903	2904	rBV4	4228	3920	0.96%	0.120%
70	10.762	3005	3008	3011	rBV3	300	188	0.05%	0.006%
71	10.855	3034	3037	3041	rVB	183	84	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

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\SOM2VLM022019S.M
Title : VOC Analysis

72	11.055	3096	3099	3101	rBV	225	127	0.03%	0.004%
73	11.190	3137	3141	3150	rVB6	1090	1602	0.39%	0.049%
74	11.254	3159	3161	3162	rBV6	243	102	0.02%	0.003%
75	11.296	3162	3174	3191	rVV	193910	314950	76.85%	9.650%
76	11.437	3213	3218	3223	rBV2	846	982	0.24%	0.030%
77	11.502	3236	3238	3243	rBV	250	170	0.04%	0.005%
78	11.563	3255	3257	3260	rBV	243	126	0.03%	0.004%
79	11.588	3262	3265	3269	rBV2	303	216	0.05%	0.007%
80	11.675	3280	3292	3307	rVB	168554	275917	67.33%	8.454%
81	11.833	3339	3341	3345	rBV2	474	364	0.09%	0.011%
82	11.881	3352	3356	3363	rBV4	599	723	0.18%	0.022%
83	12.071	3411	3415	3417	rBV	303	195	0.05%	0.006%
84	12.241	3465	3468	3471	rBV	237	155	0.04%	0.005%
85	12.302	3482	3487	3495	rBV3	980	1540	0.38%	0.047%
86	12.727	3617	3619	3620	rBV	273	128	0.03%	0.004%
87	12.756	3620	3628	3638	rVB5	13386	19226	4.69%	0.589%
88	12.932	3677	3683	3689	rBV5	2357	3394	0.83%	0.104%
89	13.058	3720	3722	3724	rVB	292	97	0.02%	0.003%
90	13.071	3724	3726	3728	rBV	234	99	0.02%	0.003%
91	13.109	3736	3738	3741	rBV2	309	156	0.04%	0.005%
92	13.222	3771	3773	3776	rBV2	285	170	0.04%	0.005%
93	13.797	3944	3952	3960	rBV2	2702	3950	0.96%	0.121%
94	13.884	3977	3979	3982	rVB	487	221	0.05%	0.007%
95	14.032	4022	4025	4028	rBV2	464	312	0.08%	0.010%
96	14.083	4038	4041	4046	rBV3	430	347	0.08%	0.011%
97	14.241	4087	4090	4093	rBV	504	271	0.07%	0.008%
98	14.331	4116	4118	4121	rBV3	441	283	0.07%	0.009%
99	14.395	4136	4138	4141	rBV	404	182	0.04%	0.006%
100	14.595	4197	4200	4202	rBV2	362	256	0.06%	0.008%

Sum of corrected areas: 3263897

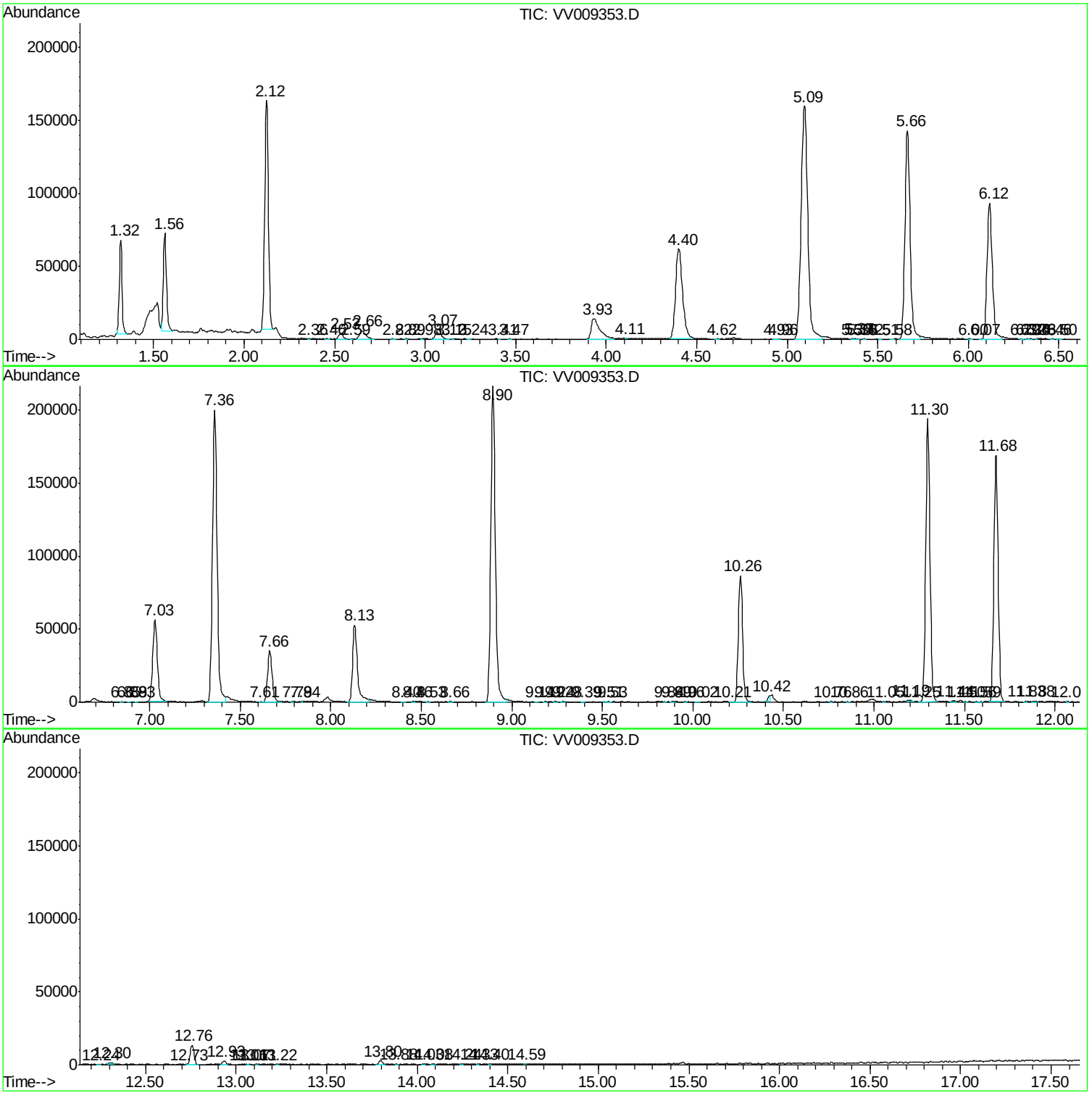
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.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\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

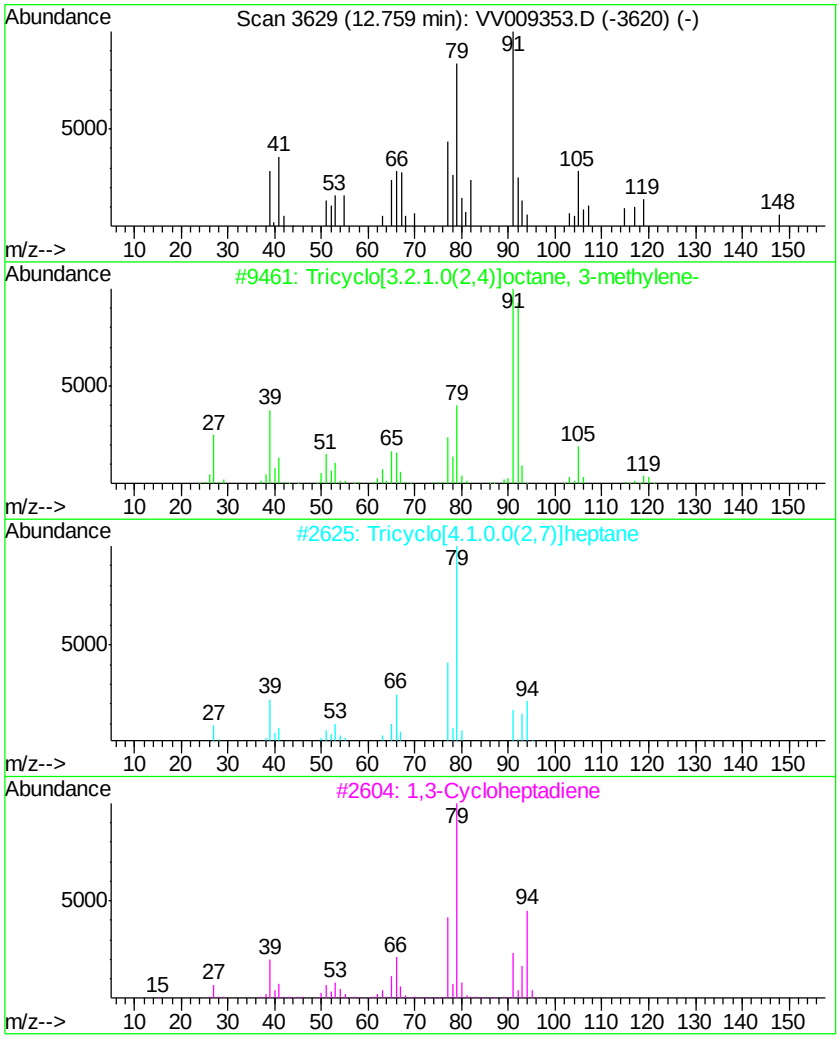
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

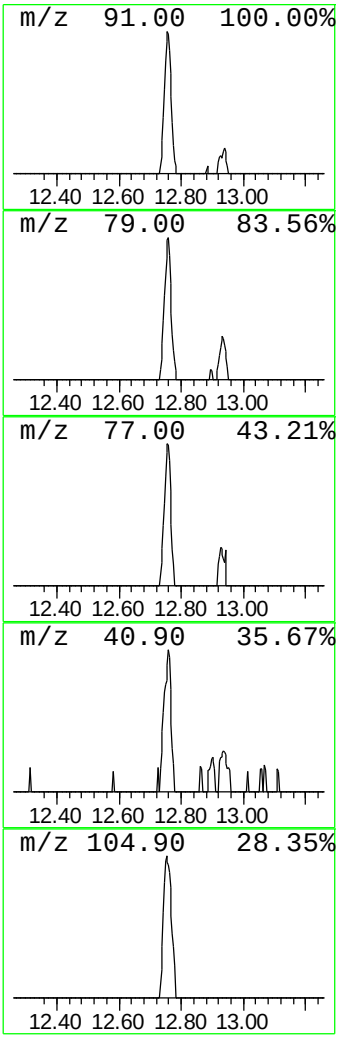
****

Peak Number 2 1,3-Cycloheptadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.53 ug/L	19226	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.2.1.0(2,4)]octane, 3-...	120	C9H12	1000150-04-5	64
2	Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	52
3	1,3-Cycloheptadiene	94	C7H10	004054-38-0	50
4	Spiro[3,4-diazatricyclo[5.2.2.0(...	176	C11H16N2	1000223-18-8	50
5	1,9-Decadiyne	134	C10H14	001720-38-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022519\
Data File : VV009353.D
Acq On : 25 Feb 2019 17:28
Operator : SY/MD
Sample : K1601-05
Misc : 5.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.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
1,3-Cycloheptadiene	12.76	1.5	ug/L	19226	3	11.30	314950	25.0