

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
 Data File : VV011186.D
 Acq On : 31 May 2019 19:06
 Operator : SY/MD
 Sample : K3017-23RE
 Misc : 6.12G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51H8RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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	2.129	317	323	337	rVB	31575	45869	36.38%	5.489%
2	2.389	400	404	407	rBV4	1319	1099	0.87%	0.132%
3	2.431	412	417	421	rBV7	1213	1282	1.02%	0.153%
4	2.765	519	521	524	rVB4	1215	617	0.49%	0.074%
5	2.785	524	527	531	rBV5	1623	1321	1.05%	0.158%
6	2.843	543	545	548	rBV4	1006	592	0.47%	0.071%
7	2.936	569	574	575	rBV4	1258	1119	0.89%	0.134%
8	3.132	632	635	639	rVB5	990	758	0.60%	0.091%
9	3.209	656	659	662	rBV4	1315	863	0.68%	0.103%
10	3.354	701	704	706	rBV4	894	663	0.53%	0.079%
11	3.396	714	717	720	rBV3	1028	810	0.64%	0.097%
12	3.547	758	764	771	rBV8	1326	1857	1.47%	0.222%
13	3.714	814	816	820	rVB3	1541	1006	0.80%	0.120%
14	3.749	822	827	828	rBV3	1853	1443	1.14%	0.173%
15	3.855	857	860	862	rBV3	1068	663	0.53%	0.079%
16	3.929	880	883	886	rBV4	1677	1480	1.17%	0.177%
17	4.232	972	977	979	rBV6	1120	993	0.79%	0.119%
18	4.328	1005	1007	1010	rVB3	1181	623	0.49%	0.075%
19	4.405	1015	1031	1043	rBV	18352	48470	38.45%	5.800%
20	4.498	1056	1060	1062	rBV4	1519	1320	1.05%	0.158%
21	4.611	1090	1095	1100	rBV7	1726	2036	1.61%	0.244%
22	4.685	1114	1118	1122	rBV5	1415	1398	1.11%	0.167%
23	4.772	1139	1145	1149	rBV7	1257	1132	0.90%	0.135%
24	4.888	1179	1181	1183	rBV3	867	580	0.46%	0.069%
25	5.100	1229	1247	1263	rBV4	47784	126071	100.00%	15.086%
26	5.302	1307	1310	1313	rVV5	974	667	0.53%	0.080%
27	5.354	1322	1326	1328	rBV4	907	674	0.53%	0.081%
28	5.379	1328	1334	1339	rBV8	1667	2312	1.83%	0.277%
29	5.537	1381	1383	1385	rBV3	1177	656	0.52%	0.078%
30	5.666	1412	1423	1443	rBV3	40163	86118	68.31%	10.305%
31	5.842	1476	1478	1481	rBV5	1072	661	0.52%	0.079%
32	5.933	1501	1506	1508	rVV5	1007	919	0.73%	0.110%
33	6.026	1531	1535	1539	rBV6	1492	1345	1.07%	0.161%
34	6.122	1554	1565	1581	rVB2	28969	60541	48.02%	7.244%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.338	1621	1632	1642	rBV4	8680	19751	15.67%	2.363%
36	6.508	1683	1685	1688	rVB4	1519	637	0.51%	0.076%
37	6.550	1694	1698	1699	rBV3	935	676	0.54%	0.081%
38	6.621	1718	1720	1723	rBV3	1095	682	0.54%	0.082%
39	6.717	1746	1750	1752	rBV5	1446	853	0.68%	0.102%
40	6.897	1804	1806	1813	rVB7	863	801	0.64%	0.096%
41	6.926	1813	1815	1819	rBV4	942	686	0.54%	0.082%
42	6.949	1819	1822	1826	rBV4	1115	1017	0.81%	0.122%
43	7.032	1840	1848	1861	rBV2	13468	24433	19.38%	2.924%
44	7.151	1883	1885	1887	rVB2	1302	585	0.46%	0.070%
45	7.170	1888	1891	1893	rBV4	964	598	0.47%	0.072%
46	7.283	1922	1926	1928	rBV4	1447	859	0.68%	0.103%
47	7.322	1934	1938	1940	rBV4	2391	1947	1.54%	0.233%
48	7.363	1942	1951	1964	rVB	50824	91670	72.71%	10.969%
49	7.611	2022	2028	2029	rBV5	998	890	0.71%	0.106%
50	7.833	2095	2097	2103	rVB5	1082	843	0.67%	0.101%
51	7.897	2115	2117	2121	rVB3	1245	873	0.69%	0.104%
52	7.913	2121	2122	2125	rBV3	949	541	0.43%	0.065%
53	8.154	2187	2197	2206	rBV4	7258	16140	12.80%	1.931%
54	8.289	2229	2239	2253	rBV4	27909	58735	46.59%	7.028%
55	8.521	2308	2311	2313	rVB3	1481	915	0.73%	0.109%
56	8.601	2332	2336	2339	rBV4	1538	1129	0.90%	0.135%
57	8.678	2357	2360	2364	rVB4	1008	757	0.60%	0.091%
58	8.701	2364	2367	2369	rBV4	1344	657	0.52%	0.079%
59	8.817	2399	2403	2406	rBV5	1400	1212	0.96%	0.145%
60	8.897	2419	2428	2445	rBV2	42624	79944	63.41%	9.566%
61	8.987	2454	2456	2460	rBV4	1289	911	0.72%	0.109%
62	9.106	2491	2493	2498	rVB5	1145	733	0.58%	0.088%
63	9.132	2498	2501	2507	rVB6	917	1046	0.83%	0.125%
64	9.161	2507	2510	2513	rBV4	1125	939	0.74%	0.112%
65	9.662	2662	2666	2669	rBV4	902	852	0.68%	0.102%
66	9.858	2722	2727	2733	rBV6	2537	3541	2.81%	0.424%
67	9.926	2744	2748	2749	rBV3	832	586	0.46%	0.070%
68	9.961	2756	2759	2764	rVB5	1018	676	0.54%	0.081%
69	10.109	2801	2805	2806	rBV4	1222	968	0.77%	0.116%
70	10.161	2819	2821	2825	rBV3	938	620	0.49%	0.074%
71	10.264	2843	2853	2866	rBV2	17081	30610	24.28%	3.663%

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72	10.389	2889	2892	2896	rVB4	1056	817	0.65%	0.098%
73	10.800	3017	3020	3023	rVB4	960	614	0.49%	0.073%
74	10.820	3023	3026	3027	rBV3	1026	586	0.46%	0.070%
75	10.913	3052	3055	3060	rVB6	873	669	0.53%	0.080%
76	10.987	3075	3078	3079	rBV3	962	536	0.43%	0.064%
77	11.022	3086	3089	3091	rBV2	1217	632	0.50%	0.076%
78	11.302	3165	3176	3191	rBV3	19285	33789	26.80%	4.043%
79	11.360	3191	3194	3196	rBV3	1125	641	0.51%	0.077%
80	11.675	3283	3292	3304	rBV3	20187	34346	27.24%	4.110%
81	11.765	3318	3320	3323	rVB5	1245	580	0.46%	0.069%
82	11.907	3362	3364	3368	rVV4	1269	755	0.60%	0.090%
83	12.074	3414	3416	3420	rBV4	1233	679	0.54%	0.081%
84	12.392	3513	3515	3516	rBV2	1552	629	0.50%	0.075%
85	12.579	3569	3573	3574	rBV3	1186	780	0.62%	0.093%
86	12.829	3647	3651	3654	rBV5	1310	939	0.74%	0.112%
87	13.353	3812	3814	3816	rBV3	1074	542	0.43%	0.065%
88	13.379	3820	3822	3824	rBV2	890	531	0.42%	0.064%
89	13.463	3845	3848	3851	rVB2	1355	692	0.55%	0.083%
90	13.488	3853	3856	3857	rBV4	883	520	0.41%	0.062%
91	13.749	3935	3937	3943	rVB6	1941	1201	0.95%	0.144%
92	13.778	3943	3946	3948	rBV4	1637	837	0.66%	0.100%
93	13.794	3948	3951	3956	rVB6	947	837	0.66%	0.100%
94	13.974	4004	4007	4011	rVB5	1046	694	0.55%	0.083%
95	14.180	4067	4071	4075	rBV6	1287	979	0.78%	0.117%
96	14.562	4186	4190	4194	rBV5	1050	969	0.77%	0.116%
97	14.652	4216	4218	4225	rVB8	1975	1821	1.44%	0.218%
98	14.701	4231	4233	4235	rBV3	1340	676	0.54%	0.081%
99	15.096	4354	4356	4359	rBV4	1085	596	0.47%	0.071%
100	15.250	4402	4404	4406	rBV3	1253	533	0.42%	0.064%

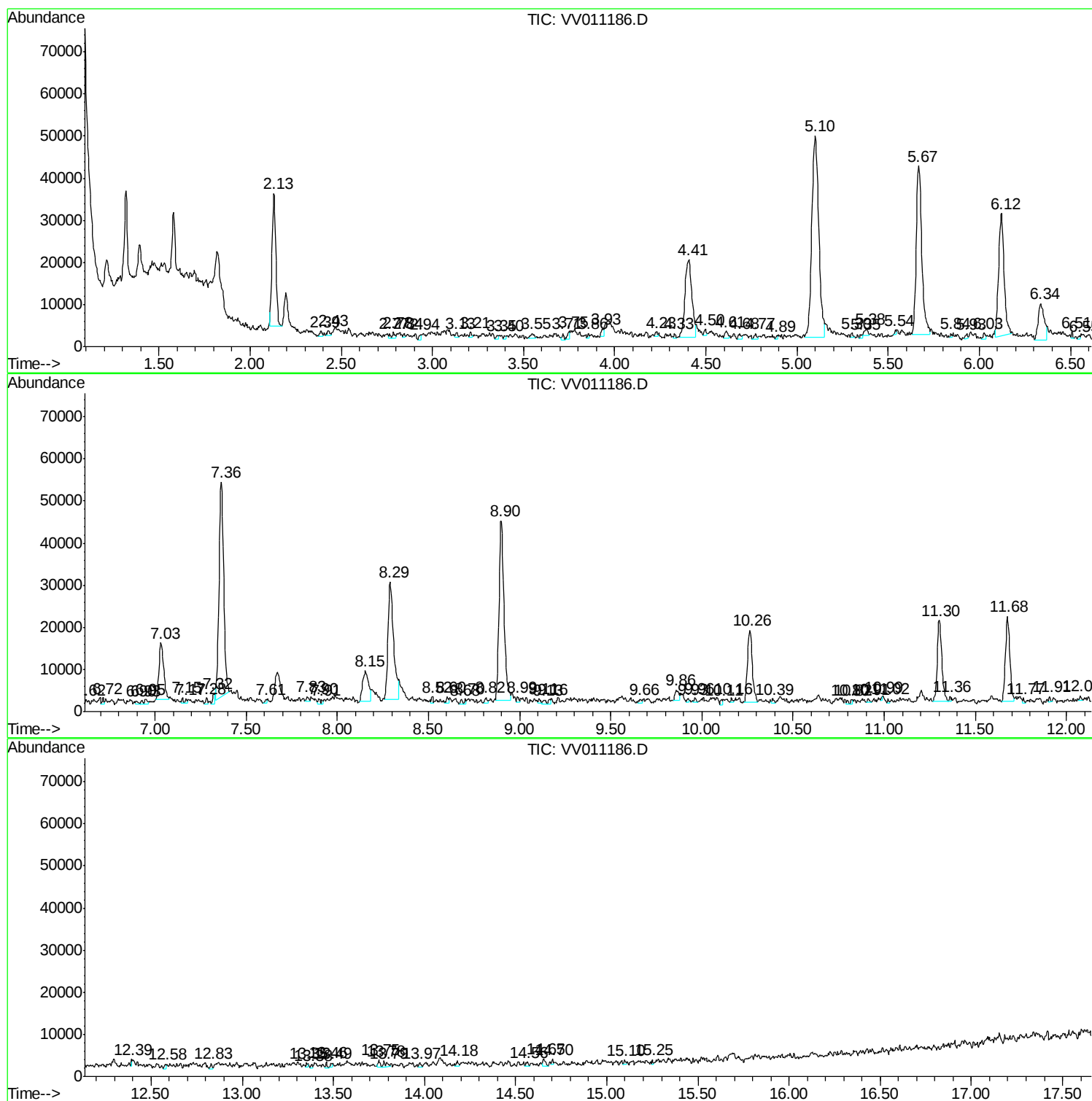
Sum of corrected areas: 835691

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
A51H8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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



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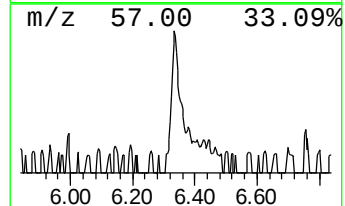
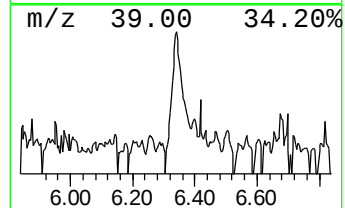
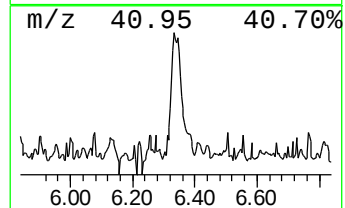
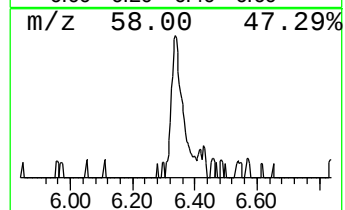
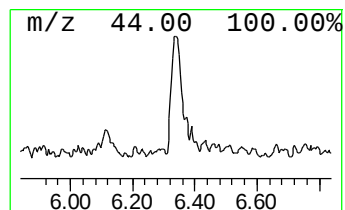
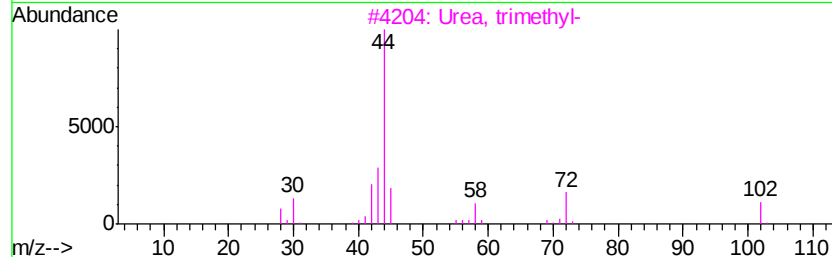
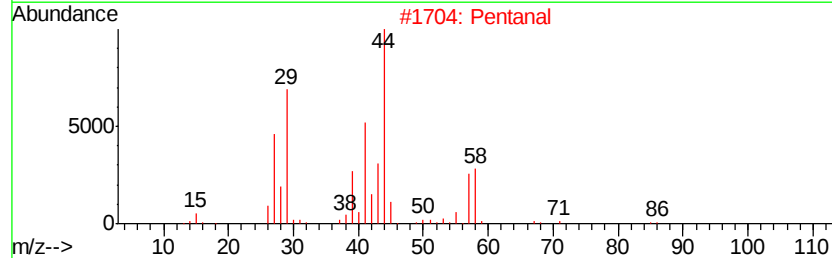
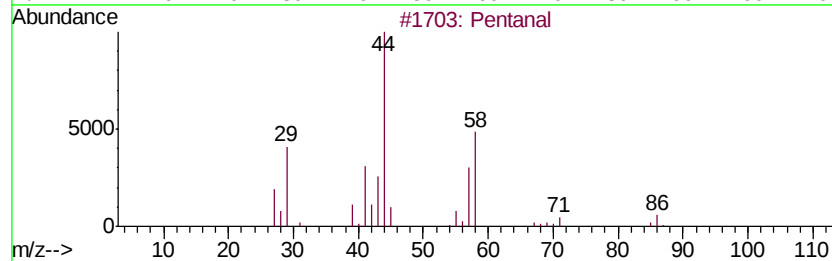
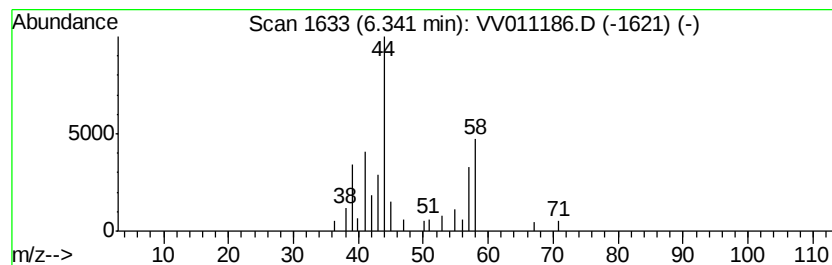
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	5.73 ug/L	19751	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	50
2		Pentanal	86	C5H10O	000110-62-3	45
3		Urea, trimethyl-	102	C4H10N2O	000632-14-4	9
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	9
5		1-Pentanol, 4-amino-	103	C5H13NO	000927-55-9	9



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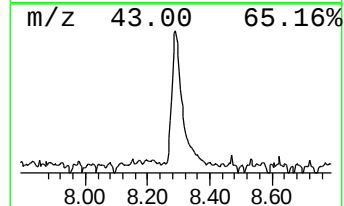
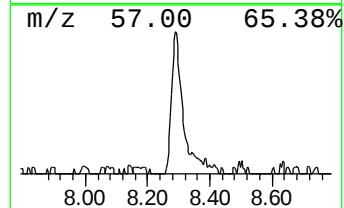
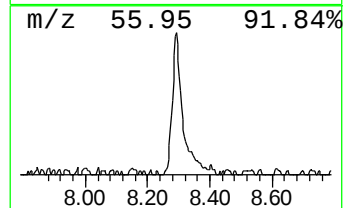
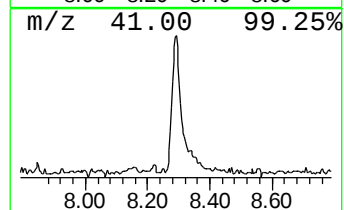
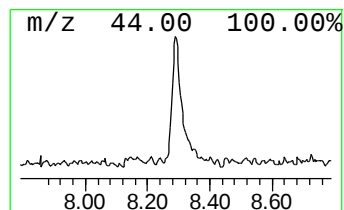
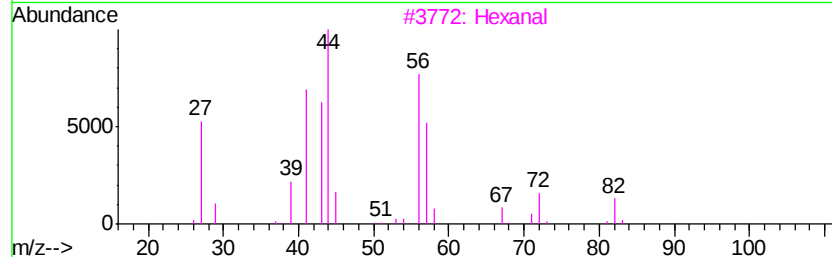
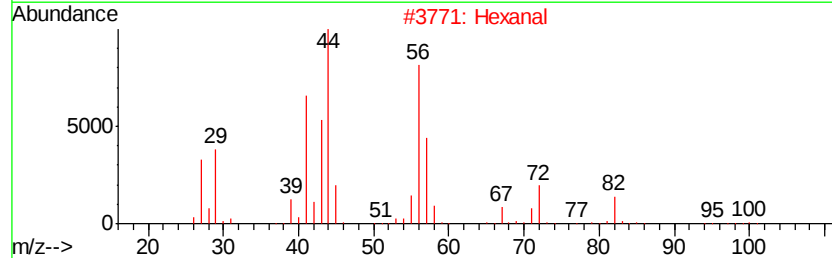
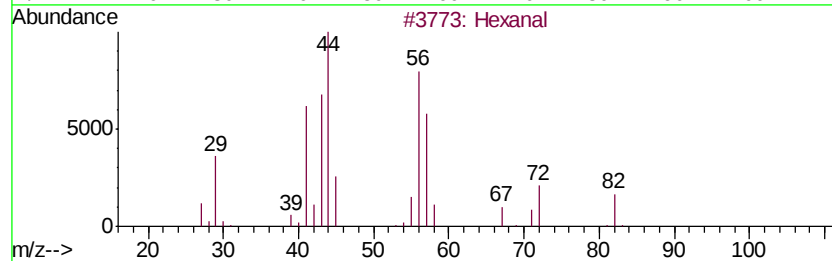
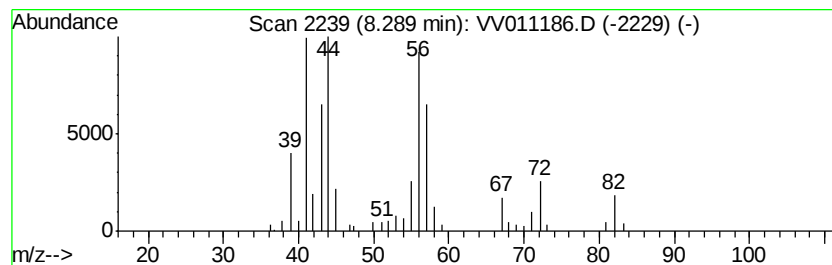
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Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	18.37 ug/L	58735	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	72
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	59
4		Hexanal	100	C6H12O	000066-25-1	59
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	6.34	5.7	ug/L	19751	1	5.67	86118	25.0
Hexanal	8.29	18.4	ug/L	58735	2	8.90	79944	25.0