

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092619\
 Data File : VU034841.D
 Acq On : 26 Sep 2019 13:11
 Operator : JC/SP
 Sample : K4983-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

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_U\METHOD\SOMULM091919WMA.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	1.177	23	27	33	rVB2	7231	6380	0.24%	0.029%
2	1.392	86	94	112	rBV	340382	379024	14.04%	1.748%
3	1.544	133	141	152	rVB3	40127	56858	2.11%	0.262%
4	1.669	173	180	196	rVB	291850	387478	14.35%	1.787%
5	2.257	353	363	380	rVB	565587	869802	32.22%	4.011%
6	2.367	393	397	398	rBV4	1320	936	0.03%	0.004%
7	2.598	467	469	470	rBV	1366	647	0.02%	0.003%
8	2.685	487	496	507	rVB5	6780	11977	0.44%	0.055%
9	2.746	512	515	518	rBV4	1523	848	0.03%	0.004%
10	2.820	523	538	549	rBV	25359	55173	2.04%	0.254%
11	2.878	554	556	561	rVB3	1701	1332	0.05%	0.006%
12	2.904	561	564	568	rVB4	1522	1073	0.04%	0.005%
13	2.926	568	571	573	rBV3	1251	900	0.03%	0.004%
14	2.952	575	579	582	rVB6	1167	952	0.04%	0.004%
15	2.994	590	592	598	rVB4	1536	1058	0.04%	0.005%
16	3.048	606	609	613	rVB6	2108	1586	0.06%	0.007%
17	3.074	613	617	621	rBV3	1461	1304	0.05%	0.006%
18	3.093	621	623	626	rBV3	664	480	0.02%	0.002%
19	3.161	638	644	648	rBV7	1395	1411	0.05%	0.007%
20	3.180	648	650	654	rVV5	1003	632	0.02%	0.003%
21	3.203	654	657	660	rVV3	1017	940	0.03%	0.004%
22	3.235	664	667	670	rVB4	1134	789	0.03%	0.004%
23	3.254	670	673	674	rBV2	789	381	0.01%	0.002%
24	3.283	679	682	685	rBV4	1199	917	0.03%	0.004%
25	3.344	699	701	705	rBV5	971	712	0.03%	0.003%
26	3.389	711	715	717	rBV4	894	858	0.03%	0.004%
27	3.402	717	719	722	rVB4	1614	944	0.03%	0.004%
28	3.418	722	724	727	rBV3	630	394	0.01%	0.002%
29	3.441	727	731	733	rBV2	897	534	0.02%	0.002%
30	3.473	738	741	744	rBV4	1272	878	0.03%	0.004%
31	3.527	753	758	761	rBV5	1059	1076	0.04%	0.005%
32	3.556	765	767	769	rBV3	855	414	0.02%	0.002%
33	3.592	775	778	781	rVB4	1550	1174	0.04%	0.005%
34	3.608	781	783	786	rBV3	588	417	0.02%	0.002%

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 Title : VOC Analysis

35	3.627	786	789	792	rBV2	896	670	0.02%	0.003%
36	3.682	802	806	808	rBV4	1025	691	0.03%	0.003%
37	3.698	808	811	813	rVV2	1087	617	0.02%	0.003%
38	3.711	813	815	819	rVV2	1060	554	0.02%	0.003%
39	3.743	821	825	827	rVB3	885	547	0.02%	0.003%
40	3.759	827	830	836	rVB6	1245	731	0.03%	0.003%
41	3.814	843	847	851	rBV3	1211	949	0.04%	0.004%
42	3.830	851	852	856	rVB3	1218	689	0.03%	0.003%
43	3.852	856	859	860	rBV2	1111	622	0.02%	0.003%
44	3.916	873	879	882	rBV6	1695	1518	0.06%	0.007%
45	3.955	889	891	894	rBV2	664	337	0.01%	0.002%
46	3.971	894	896	900	rVV3	1063	548	0.02%	0.003%
47	4.010	905	908	913	rBV5	1114	1056	0.04%	0.005%
48	4.042	916	918	923	rBV3	1079	760	0.03%	0.004%
49	4.071	923	927	928	rBV3	818	573	0.02%	0.003%
50	4.148	935	951	988	rBV	280204	787655	29.17%	3.632%
51	4.537	1070	1072	1073	rBV2	1942	920	0.03%	0.004%
52	4.621	1080	1098	1123	rBV	429818	1041419	38.57%	4.802%
53	4.913	1186	1189	1193	rVB6	1947	1249	0.05%	0.006%
54	4.942	1196	1198	1200	rBV2	1005	686	0.03%	0.003%
55	5.042	1226	1229	1234	rVB5	1248	1091	0.04%	0.005%
56	5.071	1235	1238	1240	rBV4	1265	635	0.02%	0.003%
57	5.087	1241	1243	1245	rVB3	1232	515	0.02%	0.002%
58	5.161	1263	1266	1267	rBV2	814	483	0.02%	0.002%
59	5.170	1267	1269	1271	rVV3	984	584	0.02%	0.003%
60	5.199	1275	1278	1281	rVV4	1305	853	0.03%	0.004%
61	5.315	1290	1314	1336	rBV2	908216	2699920	100.00%	12.450%
62	5.685	1424	1429	1434	rVB8	2294	2546	0.09%	0.012%
63	5.714	1434	1438	1444	rBV7	3286	3104	0.11%	0.014%
64	5.752	1444	1450	1453	rBV6	2413	3040	0.11%	0.014%
65	5.862	1469	1484	1514	rBV	671581	1355059	50.19%	6.249%
66	6.309	1608	1623	1643	rBV	623718	1277085	47.30%	5.889%
67	6.691	1738	1742	1743	rBV3	1597	1127	0.04%	0.005%
68	6.836	1783	1787	1789	rBV5	2139	1650	0.06%	0.008%
69	6.939	1816	1819	1820	rBV3	1013	561	0.02%	0.003%
70	6.987	1830	1834	1835	rBV3	1050	799	0.03%	0.004%
71	7.019	1842	1844	1845	rBV2	868	361	0.01%	0.002%

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72	7.032	1845	1848	1853	rVV6	1449	1321	0.05%	0.006%
73	7.206	1891	1902	1923	rVB	354198	626435	23.20%	2.889%
74	7.543	1985	2007	2031	rBV	1253416	2229338	82.57%	10.280%
75	7.826	2078	2095	2110	rBV	240919	470228	17.42%	2.168%
76	8.061	2166	2168	2170	rBV3	948	411	0.02%	0.002%
77	8.206	2206	2213	2221	rVB8	5244	8283	0.31%	0.038%
78	8.289	2228	2239	2268	rBV	912733	1666635	61.73%	7.686%
79	8.585	2323	2331	2344	rBV5	24782	47944	1.78%	0.221%
80	8.794	2386	2396	2400	rBV7	11114	19058	0.71%	0.088%
81	8.890	2419	2426	2438	rVB4	26895	45695	1.69%	0.211%
82	8.952	2443	2445	2451	rVB7	2113	1399	0.05%	0.006%
83	8.977	2451	2453	2454	rBV2	1311	548	0.02%	0.003%
84	9.009	2454	2463	2470	rBV3	21848	36370	1.35%	0.168%
85	9.067	2470	2481	2500	rBV	983037	1626796	60.25%	7.502%
86	9.225	2524	2530	2543	rVB	12839	25778	0.95%	0.119%
87	9.321	2543	2560	2561	rBV	14344	23509	0.87%	0.108%
88	9.421	2585	2591	2609	rVB	70082	114950	4.26%	0.530%
89	9.601	2645	2647	2650	rBV4	1579	871	0.03%	0.004%
90	9.698	2665	2677	2689	rBV5	30851	64843	2.40%	0.299%
91	9.900	2735	2740	2741	rBV4	9068	7879	0.29%	0.036%
92	10.022	2761	2778	2787	rBV6	34978	80151	2.97%	0.370%
93	10.408	2887	2898	2912	rBV	848876	1374992	50.93%	6.341%
94	10.791	3010	3017	3029	rVB2	75579	111446	4.13%	0.514%
95	11.376	3191	3199	3205	rBV4	30358	49226	1.82%	0.227%
96	11.460	3215	3225	3247	rBV	962245	1562154	57.86%	7.204%
97	11.836	3331	3342	3362	rVB	1193549	1983481	73.46%	9.147%
98	12.003	3389	3394	3402	rBV3	40594	51306	1.90%	0.237%
99	12.768	3625	3632	3638	rBV4	35591	59427	2.20%	0.274%
100	14.839	4270	4276	4291	rBV4	223472	412330	15.27%	1.901%

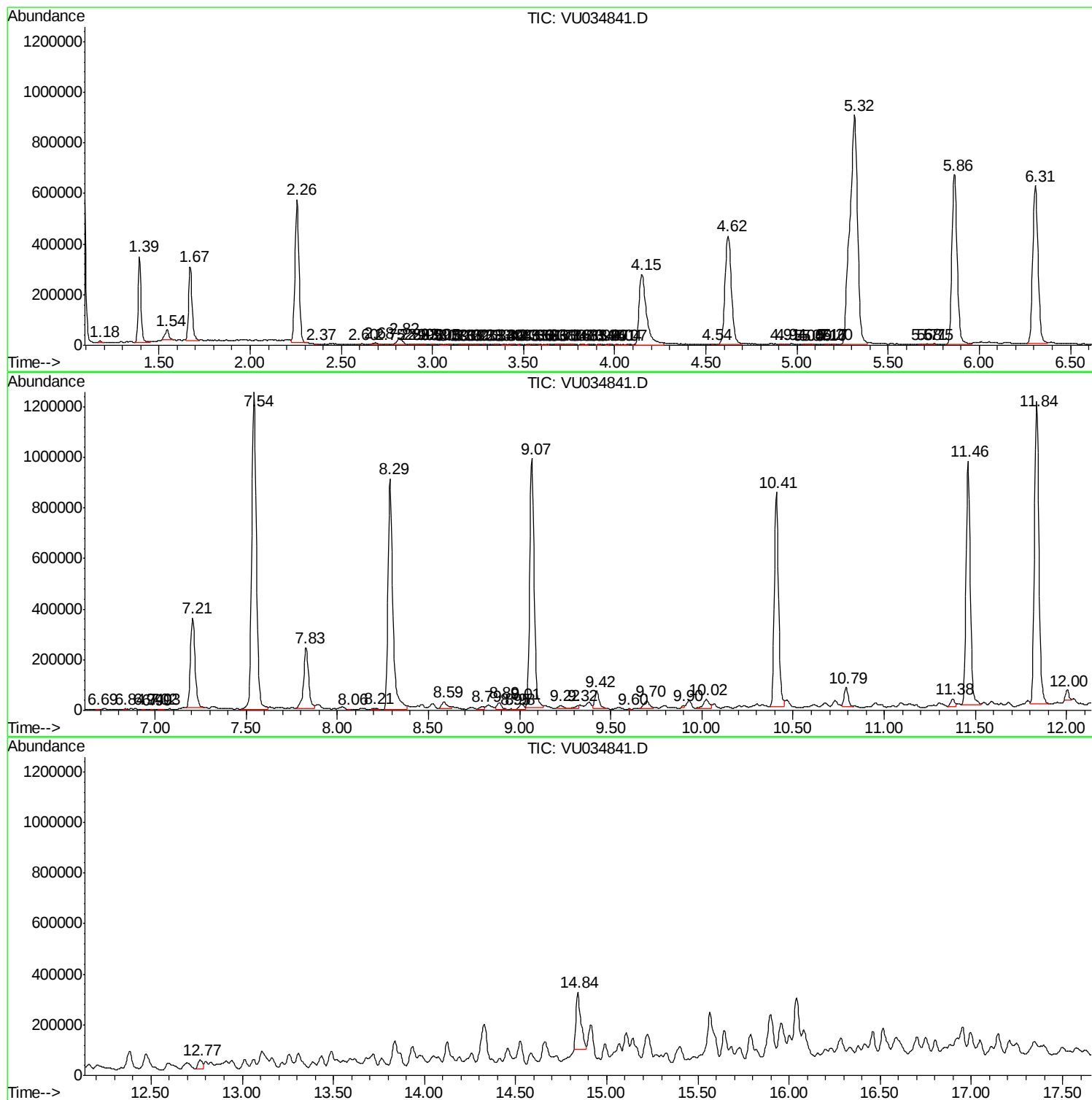
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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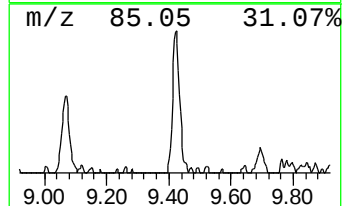
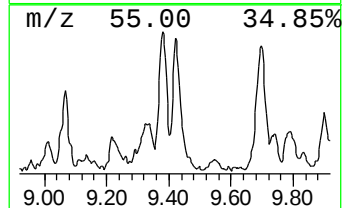
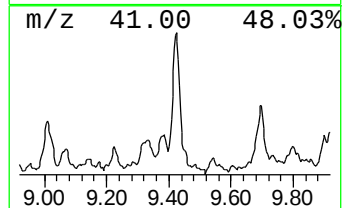
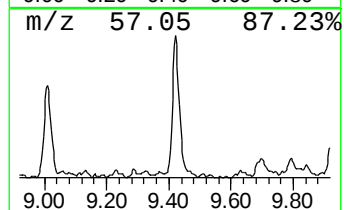
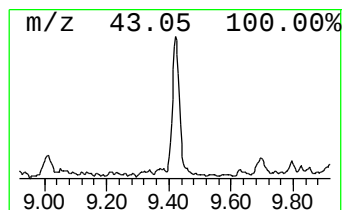
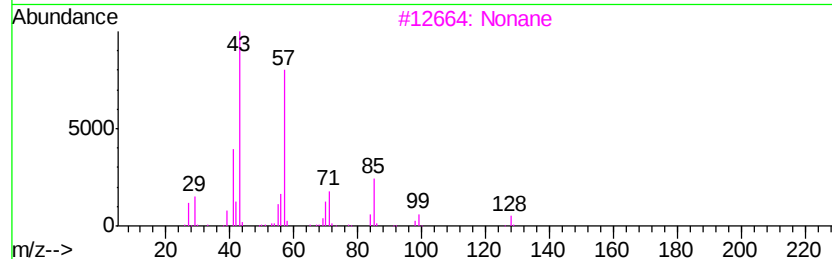
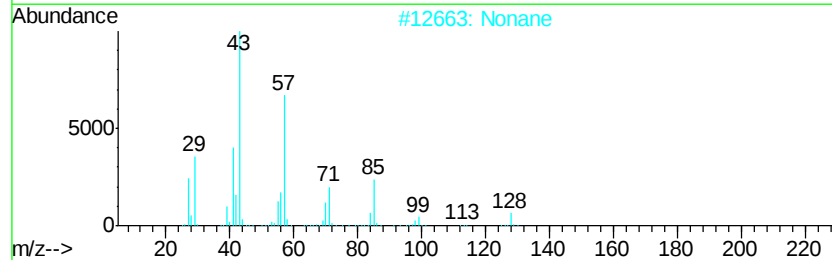
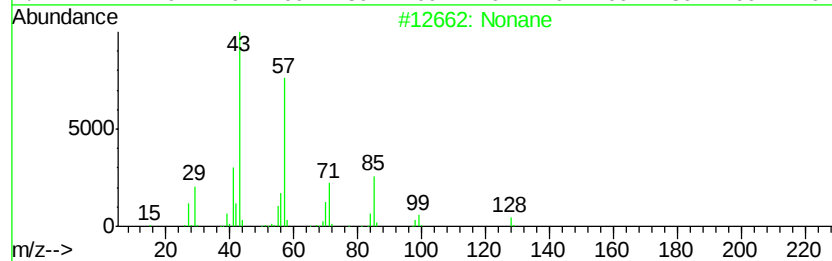
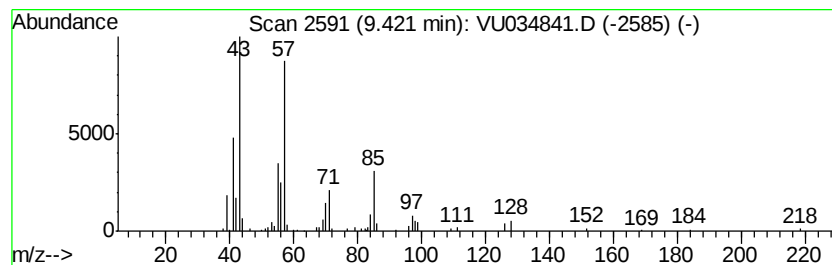
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis

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

 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.53 ug/L	114950	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	81
2		Nonane	128	C9H20	000111-84-2	81
3		Nonane	128	C9H20	000111-84-2	68
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	53
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53



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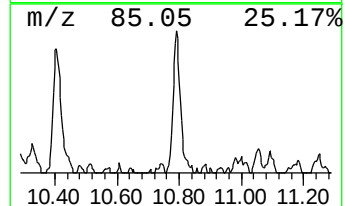
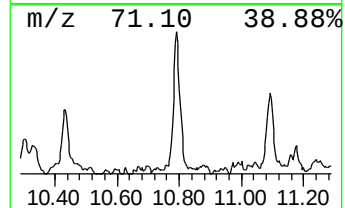
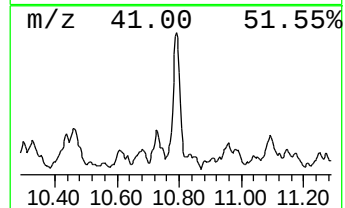
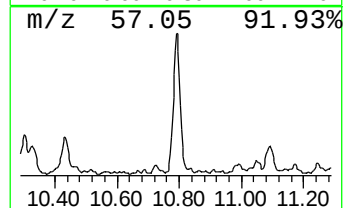
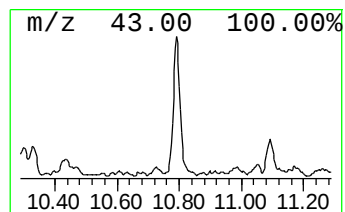
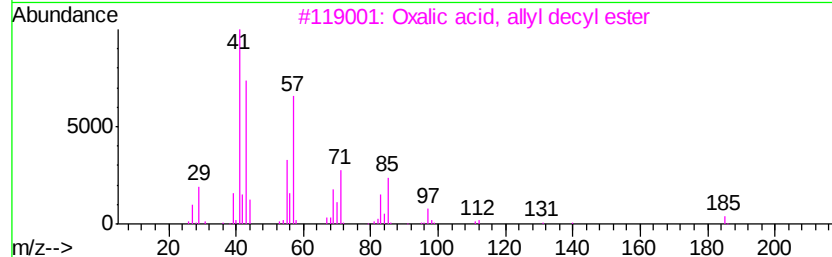
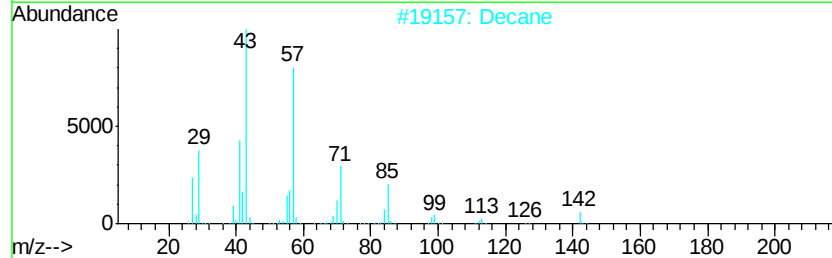
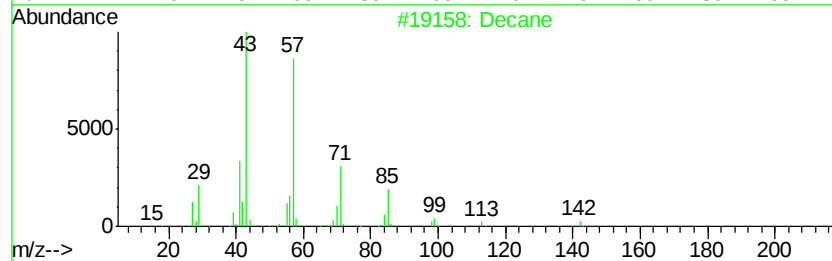
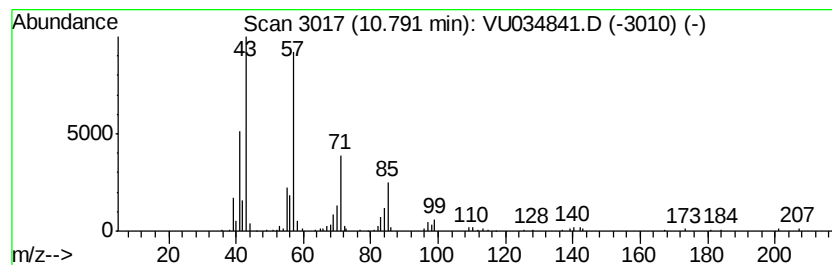
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.57 ug/L	111446	1,4-Dichlorobenzene-d4	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	83
2		Decane	142	C10H22	000124-18-5	83
3		Oxalic acid, allyl decyl ester	270	C15H26O4	1000309-23-8	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Decane	142	C10H22	000124-18-5	74



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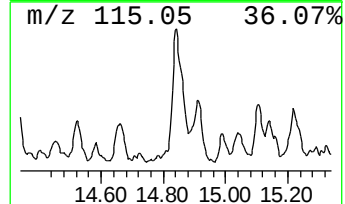
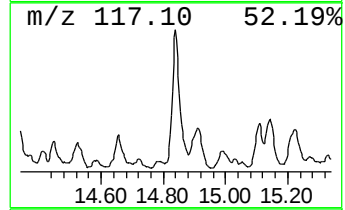
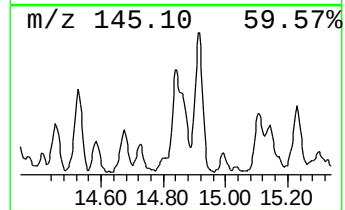
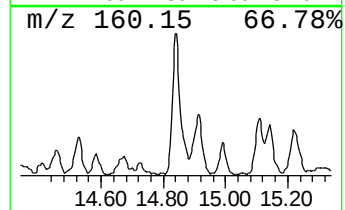
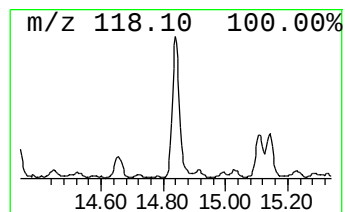
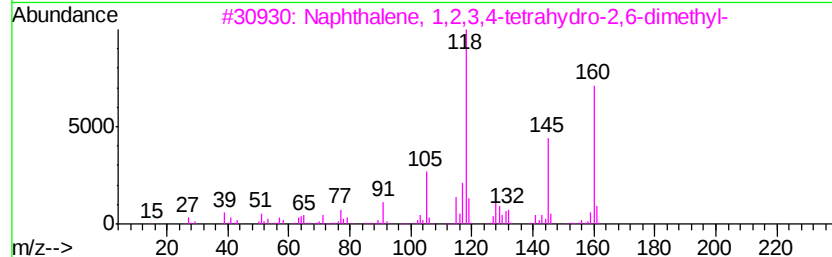
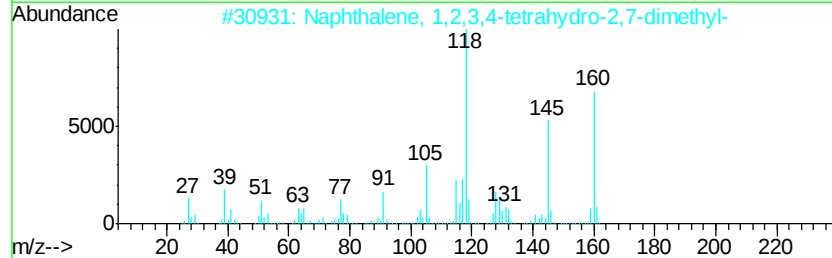
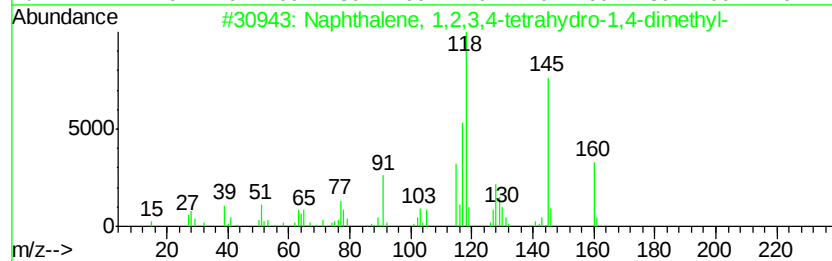
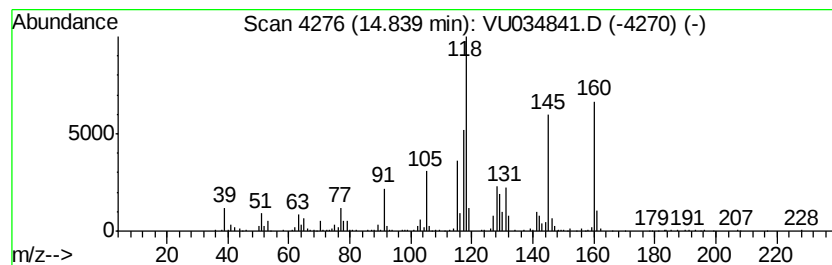
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ClientSampled :
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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	13.20 ug/L	412330	1,4-Dichlorobenzene-d4	11.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 62
4		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 53
5		1(2H)-Naphthalenone, 3,4-dihydro...	160 C11H12O	014944-23-1 46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092619\
Data File : VU034841.D
Acq On : 26 Sep 2019 13:11
Operator : JC/SP
Sample : K4983-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.42	3.5	ug/L	114950	2	9.07	1626800	50.0
(DEL) Alkane: Str...	10.79	3.6	ug/L	111446	3	11.46	1562150	50.0
Naphthalene, 1,2,...	14.84	13.2	ug/L	412330	3	11.46	1562150	50.0