

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
 Data File : VU025392.D
 Acq On : 13 Jul 2018 14:59
 Operator : MD/SY
 Sample : J3984-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB167

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\SOMULM062918WMA.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	0.805	64	67	68	rBV3	804	487	0.02%	0.002%
2	0.944	106	110	115	rBV4	806	895	0.04%	0.003%
3	0.979	119	121	123	rVV3	521	280	0.01%	0.001%
4	1.024	133	135	138	rBV4	618	273	0.01%	0.001%
5	1.085	145	154	180	rBV	1701560	2004016	89.46%	6.723%
6	1.326	225	229	239	rVB	13929	15013	0.67%	0.050%
7	1.400	245	252	269	rVB2	242271	285610	12.75%	0.958%
8	1.667	328	335	336	rBV	90460	84379	3.77%	0.283%
9	2.275	513	524	535	rBV3	315394	575462	25.69%	1.930%
10	2.474	575	586	609	rVB	214740	360988	16.11%	1.211%
11	2.612	618	629	643	rBV	133239	228160	10.19%	0.765%
12	2.699	645	656	677	rVB	156932	293396	13.10%	0.984%
13	2.828	691	696	698	rBV4	3839	3808	0.17%	0.013%
14	2.931	721	728	729	rBV5	776	959	0.04%	0.003%
15	2.995	732	748	770	rVV	281660	612859	27.36%	2.056%
16	3.143	791	794	796	rBV3	793	560	0.02%	0.002%
17	3.249	823	827	828	rBV3	571	416	0.02%	0.001%
18	3.310	844	846	849	rVB	769	373	0.02%	0.001%
19	3.329	849	852	855	rVB5	542	326	0.01%	0.001%
20	3.349	855	858	861	rBV3	420	268	0.01%	0.001%
21	3.378	864	867	869	rBV2	572	275	0.01%	0.001%
22	3.442	873	887	907	rVV2	81351	180803	8.07%	0.607%
23	3.513	907	909	913	rVB3	746	382	0.02%	0.001%
24	3.558	919	923	928	rBV6	678	923	0.04%	0.003%
25	3.619	935	942	945	rBV6	1139	1198	0.05%	0.004%
26	3.670	953	958	960	rVB2	618	445	0.02%	0.001%
27	3.706	965	969	971	rBV3	883	666	0.03%	0.002%
28	3.747	979	982	984	rBV3	451	286	0.01%	0.001%
29	3.809	999	1001	1007	rVB3	744	441	0.02%	0.001%
30	3.844	1007	1012	1019	rBV5	898	947	0.04%	0.003%
31	3.883	1019	1024	1027	rBV4	843	601	0.03%	0.002%
32	3.899	1027	1029	1031	rVB2	512	245	0.01%	0.001%
33	4.011	1062	1064	1066	rBV3	524	244	0.01%	0.001%
34	4.175	1097	1115	1122	rBV	84153	209432	9.35%	0.703%

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35	4.374	1175	1177	1182	rBV4	870	676	0.03%	0.002%
36	4.423	1190	1192	1195	rVB3	474	256	0.01%	0.001%
37	4.587	1241	1243	1246	rVV3	358	251	0.01%	0.001%
38	4.648	1246	1262	1282	rVV	166811	387908	17.32%	1.301%
39	4.738	1287	1290	1292	rBV2	457	279	0.01%	0.001%
40	4.789	1303	1306	1311	rVB4	480	427	0.02%	0.001%
41	4.812	1311	1313	1316	rBV3	596	401	0.02%	0.001%
42	4.915	1326	1345	1365	rBV2	196573	471911	21.07%	1.583%
43	4.982	1365	1366	1371	rVB4	990	609	0.03%	0.002%
44	5.098	1398	1402	1403	rBV2	512	297	0.01%	0.001%
45	5.114	1404	1407	1411	rVB3	1172	731	0.03%	0.002%
46	5.140	1411	1415	1418	rBV4	808	701	0.03%	0.002%
47	5.194	1430	1432	1435	rBV3	413	265	0.01%	0.001%
48	5.339	1454	1477	1488	rBV2	322702	963007	42.99%	3.231%
49	5.403	1489	1497	1517	rVB	230069	473900	21.15%	1.590%
50	5.577	1549	1551	1555	rBV3	773	534	0.02%	0.002%
51	5.654	1571	1575	1577	rVB4	642	420	0.02%	0.001%
52	5.667	1577	1579	1582	rBV3	635	346	0.02%	0.001%
53	5.702	1586	1590	1595	rBV5	1768	2355	0.11%	0.008%
54	5.754	1603	1606	1608	rBV4	876	618	0.03%	0.002%
55	5.786	1614	1616	1620	rBV4	1105	716	0.03%	0.002%
56	5.886	1633	1647	1666	rBV	390951	754796	33.69%	2.532%
57	6.185	1726	1740	1770	rVV	457973	885492	39.53%	2.970%
58	6.329	1771	1785	1804	rVV	216409	435075	19.42%	1.460%
59	6.432	1804	1817	1833	rVB	151271	298635	13.33%	1.002%
60	6.619	1862	1875	1893	rBV	53487	120281	5.37%	0.403%
61	6.937	1971	1974	1977	rVB3	545	317	0.01%	0.001%
62	6.969	1982	1984	1989	rVB3	851	554	0.02%	0.002%
63	6.992	1989	1991	1993	rBV3	486	317	0.01%	0.001%
64	7.101	2022	2025	2026	rBV2	497	261	0.01%	0.001%
65	7.226	2052	2064	2084	rBV	129331	232386	10.37%	0.780%
66	7.381	2104	2112	2121	rBV3	6106	9810	0.44%	0.033%
67	7.461	2124	2137	2156	rBV	260515	464473	20.73%	1.558%
68	7.567	2157	2170	2181	rVV	462618	797180	35.59%	2.674%
69	7.638	2181	2192	2209	rVB	396216	676734	30.21%	2.270%
70	7.850	2247	2258	2262	rBV	92991	145433	6.49%	0.488%
71	8.069	2311	2326	2343	rBV	304254	519286	23.18%	1.742%

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72	8.181	2354	2361	2363	rBV6	2205	2501	0.11%	0.008%
73	8.230	2364	2376	2389	rVV	316383	540412	24.12%	1.813%
74	8.313	2391	2402	2410	rVV	290668	492348	21.98%	1.652%
75	8.365	2410	2418	2434	rVB	217275	366937	16.38%	1.231%
76	8.586	2477	2487	2502	rBV	149778	252831	11.29%	0.848%
77	9.046	2616	2630	2636	rBV2	224599	459848	20.53%	1.543%
78	9.091	2637	2644	2648	rBV	420348	589753	26.33%	1.978%
79	9.252	2682	2694	2719	rBV	907141	1453986	64.91%	4.878%
80	9.374	2720	2732	2749	rBV	622399	981978	43.84%	3.294%
81	9.789	2847	2861	2875	rBV4	655138	1231558	54.98%	4.131%
82	9.959	2904	2914	2926	rVB	73630	121260	5.41%	0.407%
83	10.168	2967	2979	3003	rBV	668621	1045080	46.65%	3.506%
84	10.458	3050	3069	3093	rVB3	1068241	2240141	100.00%	7.515%
85	10.699	3130	3144	3167	rVB	416513	786708	35.12%	2.639%
86	11.229	3294	3309	3332	rBV	422403	771547	34.44%	2.588%
87	11.419	3355	3368	3378	rBV	251648	393803	17.58%	1.321%
88	11.487	3378	3389	3393	rBV	637006	1004234	44.83%	3.369%
89	11.879	3494	3511	3537	rVB2	932295	2094898	93.52%	7.028%
90	11.979	3537	3542	3543	rBV4	1847	1440	0.06%	0.005%
91	12.191	3604	3608	3610	rBV4	1322	1042	0.05%	0.003%
92	12.313	3637	3646	3661	rVB4	36526	60363	2.69%	0.202%
93	12.480	3691	3698	3709	rVB2	5408	8533	0.38%	0.029%
94	12.570	3713	3726	3736	rBV2	37213	59530	2.66%	0.200%
95	12.660	3742	3754	3767	rVB	310510	487010	21.74%	1.634%
96	12.889	3812	3825	3840	rBV	636546	1003056	44.78%	3.365%
97	13.049	3869	3875	3888	rBV9	7624	13649	0.61%	0.046%
98	13.242	3916	3935	3936	rBV9	12742	24951	1.11%	0.084%
99	13.988	4156	4167	4184	rBV	483702	777412	34.70%	2.608%
100	16.014	4791	4797	4811	rVB5	17478	29733	1.33%	0.100%

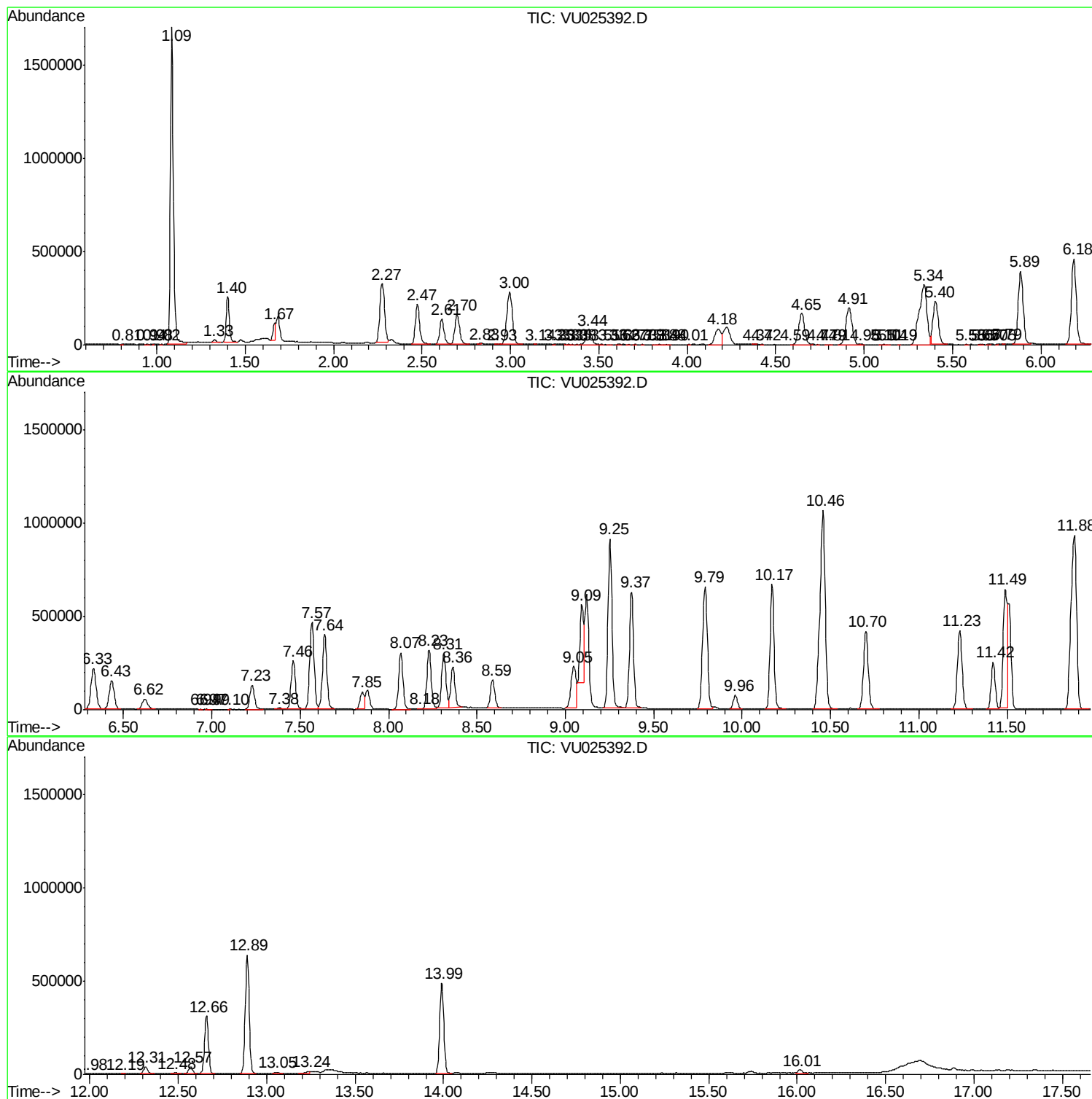
Sum of corrected areas: 29809596

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis

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



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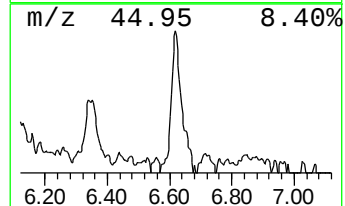
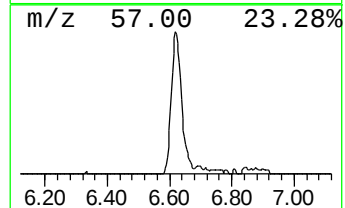
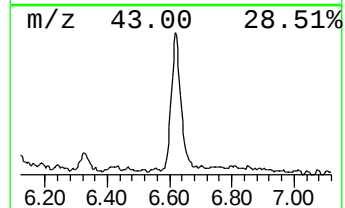
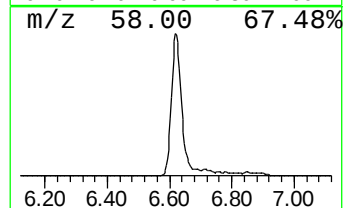
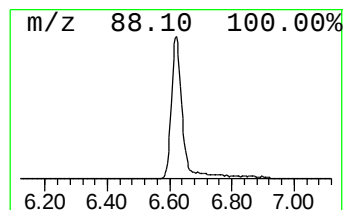
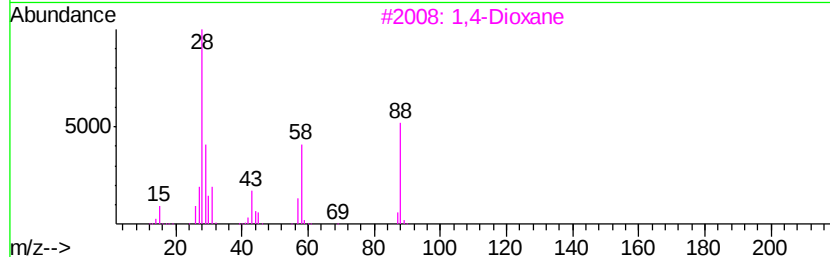
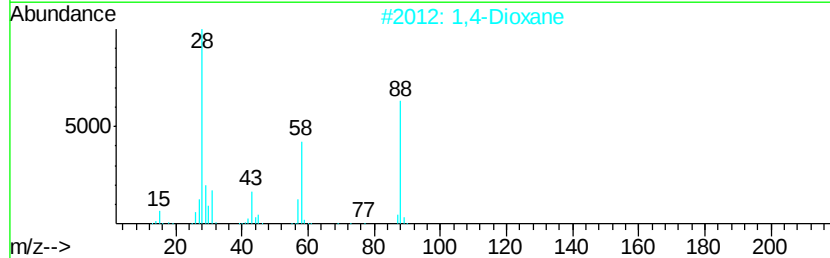
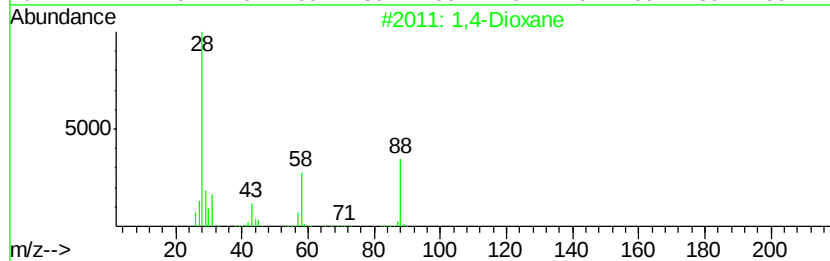
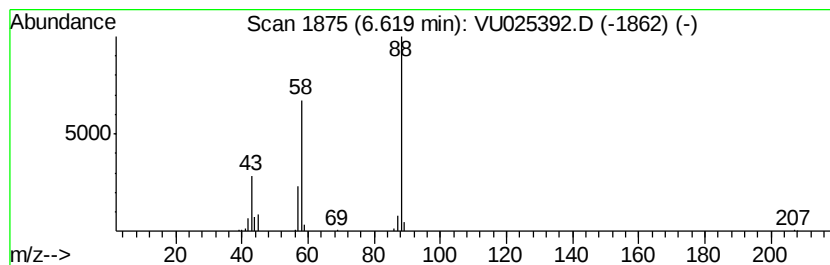
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 1,4-Dioxane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	7.97 ug/L	120281	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane		88	C4H8O2	000123-91-1	91
2	1,4-Dioxane		88	C4H8O2	000123-91-1	91
3	1,4-Dioxane		88	C4H8O2	000123-91-1	90
4	1,4-Dioxane		88	C4H8O2	000123-91-1	90
5	Urea, N,N'-dimethyl-		88	C3H8N2O	000096-31-1	56



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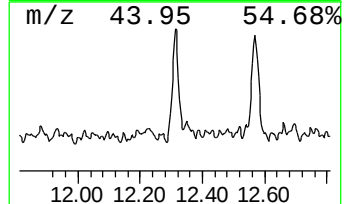
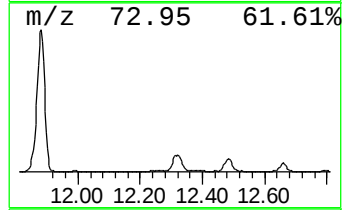
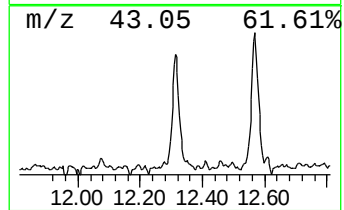
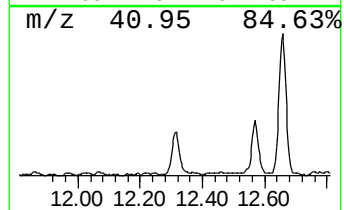
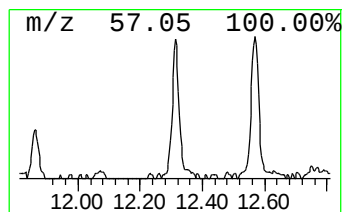
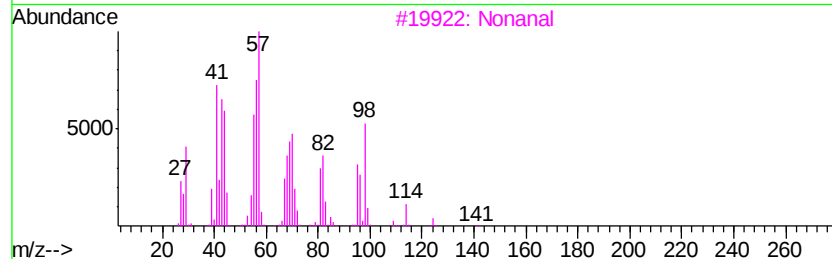
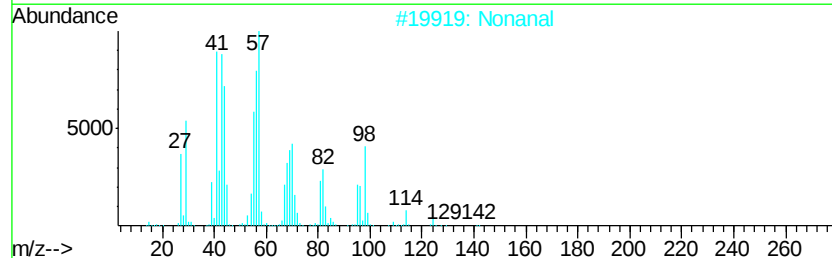
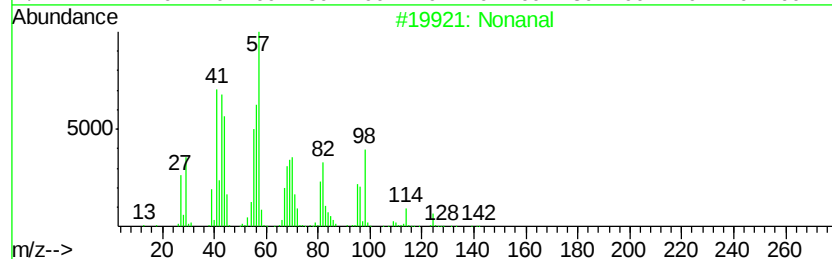
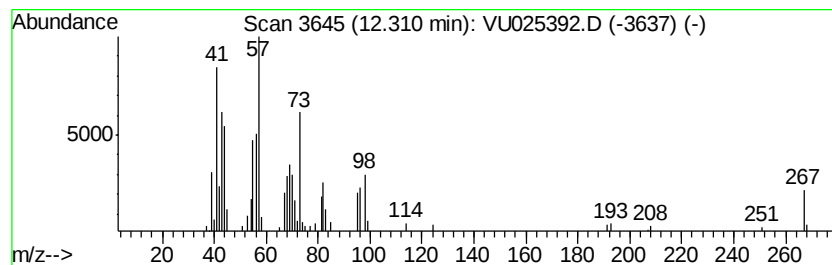
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Quant Title : VOC Analysis

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

Peak Number 6 Nonanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.01 ug/L	60363	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	68
2	Nonanal		142	C9H18O	000124-19-6	53
3	Nonanal		142	C9H18O	000124-19-6	38
4	Butane, 1-isocyanato-		99	C5H9NO	000111-36-4	18
5	2-Heptene		98	C7H14	000592-77-8	18



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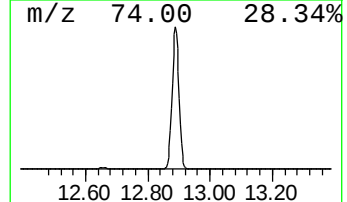
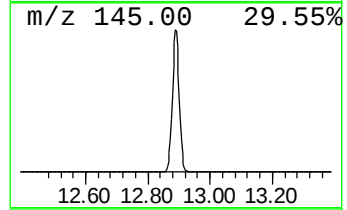
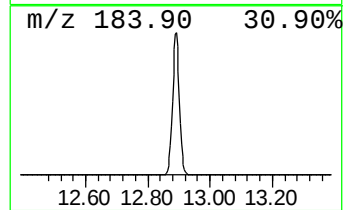
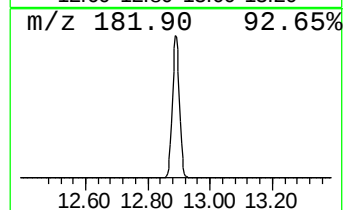
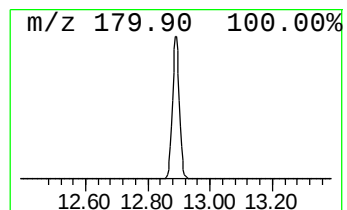
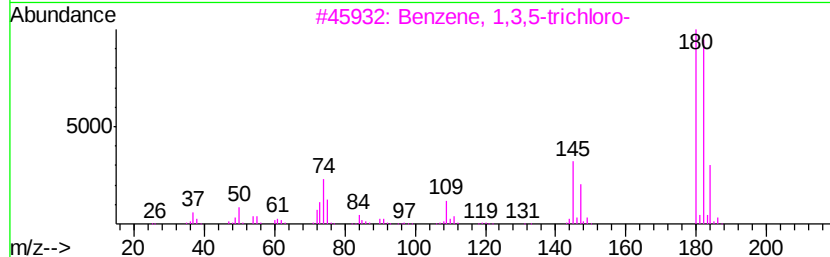
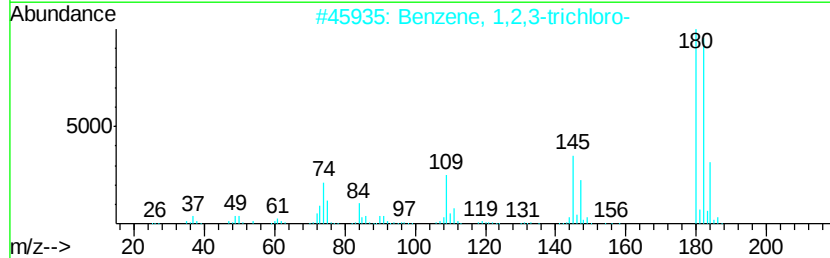
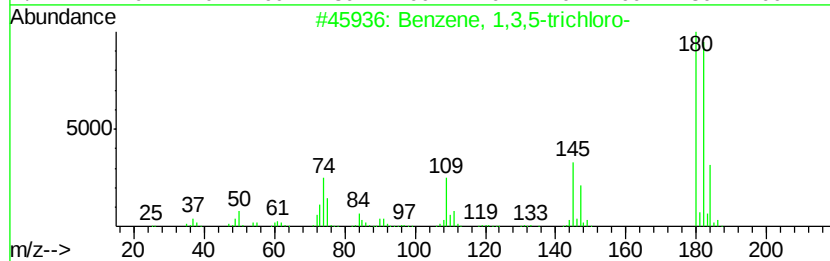
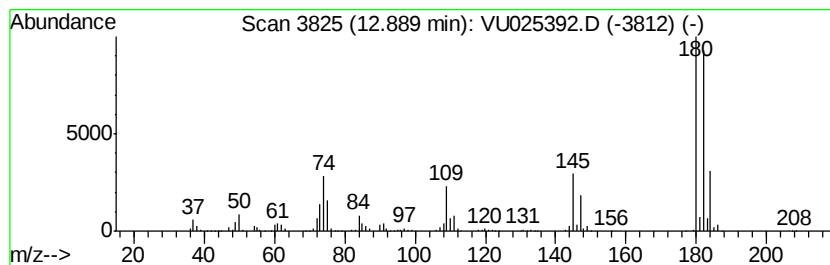
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	49.94 ug/L	1003060	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
Data File : VU025392.D
Acq On : 13 Jul 2018 14:59
Operator : MD/SY
Sample : J3984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB167

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.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
1,4-Dioxane	6.62	8.0	ug/L	120281	1	5.89	754796	50.0
Nonanal	12.31	3.0	ug/L	60363	3	11.49	1004230	50.0
Benzene, 1,3,5-tr...	12.89	49.9	ug/L	1003060	3	11.49	1004230	50.0