

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011155.D
 Acq On : 31 May 2019 00:17
 Operator : SY/MD
 Sample : K3083-07
 Misc : 4.67G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51G0

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	1.113	4	7	15	rVB2	35481	33149	2.52%	0.306%
2	1.312	63	69	77	rVB	188077	181994	13.82%	1.678%
3	1.386	86	92	102	rBV	120568	121794	9.25%	1.123%
4	1.563	142	147	159	rVB	134326	158682	12.05%	1.463%
5	1.811	219	224	236	rVB2	31061	39418	2.99%	0.363%
6	2.119	311	320	332	rBV	321367	457957	34.77%	4.221%
7	2.187	333	341	352	rVB	179248	252690	19.19%	2.329%
8	2.457	417	425	435	rVB	43010	64583	4.90%	0.595%
9	2.952	576	579	581	rBV3	1296	1079	0.08%	0.010%
10	2.991	581	591	605	rVB3	11876	21876	1.66%	0.202%
11	3.061	605	613	614	rBV6	5997	6679	0.51%	0.062%
12	3.129	632	634	638	rVB5	1696	1194	0.09%	0.011%
13	3.203	653	657	658	rBV3	3298	2259	0.17%	0.021%
14	3.534	755	760	762	rBV6	1683	1381	0.10%	0.013%
15	3.749	815	827	842	rBV3	16411	40966	3.11%	0.378%
16	3.936	875	885	904	rBV	54195	134758	10.23%	1.242%
17	4.396	1010	1028	1049	rBV	215833	525449	39.89%	4.843%
18	4.521	1064	1067	1070	rBV5	1786	1302	0.10%	0.012%
19	4.579	1081	1085	1088	rBV5	1768	1373	0.10%	0.013%
20	4.942	1192	1198	1201	rBV6	1277	1504	0.11%	0.014%
21	5.090	1223	1244	1277	rBV2	528735	1317083	100.00%	12.140%
22	5.370	1320	1331	1344	rBV3	25732	53308	4.05%	0.491%
23	5.498	1363	1371	1373	rBV7	2054	2135	0.16%	0.020%
24	5.527	1373	1380	1381	rBV5	3582	3343	0.25%	0.031%
25	5.659	1408	1421	1453	rBV	404298	814995	61.88%	7.512%
26	5.955	1500	1513	1528	rBV4	26219	55838	4.24%	0.515%
27	6.116	1546	1563	1581	rBV	306540	623974	47.38%	5.751%
28	6.328	1618	1629	1647	rBV	68336	136154	10.34%	1.255%
29	6.624	1718	1721	1724	rBV4	1625	1183	0.09%	0.011%
30	6.643	1724	1727	1730	rVV4	1449	1230	0.09%	0.011%
31	7.026	1834	1846	1866	rVV	171614	305513	23.20%	2.816%
32	7.187	1888	1896	1909	rVV	5085	10765	0.82%	0.099%
33	7.357	1932	1949	1964	rBV	592835	1044850	79.33%	9.631%
34	7.605	2020	2026	2032	rBV8	3012	4745	0.36%	0.044%

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 Title : VOC Analysis

35	7.662	2034	2044	2059	rVV	110642	182707	13.87%	1.684%
36	7.978	2135	2142	2147	rVV3	8781	14747	1.12%	0.136%
37	8.016	2150	2154	2167	rVB3	18379	30423	2.31%	0.280%
38	8.132	2177	2190	2207	rBV	215246	383066	29.08%	3.531%
39	8.280	2226	2236	2265	rBV	363092	603184	45.80%	5.560%
40	8.489	2297	2301	2304	rBV7	1733	1516	0.12%	0.014%
41	8.659	2349	2354	2355	rBV3	1307	1010	0.08%	0.009%
42	8.669	2355	2357	2363	rVB6	1628	1286	0.10%	0.012%
43	8.807	2397	2400	2408	rVB9	1613	1933	0.15%	0.018%
44	8.894	2411	2427	2452	rBV	584454	977228	74.20%	9.008%
45	9.106	2486	2493	2499	rBV9	1873	2775	0.21%	0.026%
46	9.183	2509	2517	2525	rBV3	10009	16696	1.27%	0.154%
47	9.270	2534	2544	2550	rBV8	4248	9624	0.73%	0.089%
48	9.495	2606	2614	2616	rBV7	1822	2474	0.19%	0.023%
49	9.531	2616	2625	2636	rBV4	11092	25626	1.95%	0.236%
50	9.752	2687	2694	2700	rBV3	4040	5904	0.45%	0.054%
51	9.852	2715	2725	2744	rBV3	27366	47529	3.61%	0.438%
52	10.132	2803	2812	2815	rBV7	1767	2465	0.19%	0.023%
53	10.260	2832	2852	2867	rBV	256060	420416	31.92%	3.875%
54	10.421	2884	2902	2914	rBV2	16912	31578	2.40%	0.291%
55	10.553	2938	2943	2957	rVV2	4472	9053	0.69%	0.083%
56	10.624	2959	2965	2979	rVB2	12664	21890	1.66%	0.202%
57	10.752	3000	3005	3014	rVB8	3149	5475	0.42%	0.050%
58	10.813	3017	3024	3027	rBV7	3233	4879	0.37%	0.045%
59	10.974	3063	3074	3086	rVB7	8656	23941	1.82%	0.221%
60	11.084	3106	3108	3113	rVB4	1751	988	0.08%	0.009%
61	11.196	3135	3143	3161	rBV6	25004	53580	4.07%	0.494%
62	11.292	3162	3173	3193	rVB	446803	727502	55.24%	6.706%
63	11.370	3193	3197	3199	rBV5	1557	1295	0.10%	0.012%
64	11.505	3236	3239	3244	rBV5	1241	1071	0.08%	0.010%
65	11.582	3253	3263	3268	rBV6	6976	12002	0.91%	0.111%
66	11.672	3279	3291	3305	rBV	404477	653000	49.58%	6.019%
67	11.829	3334	3340	3344	rBV8	2133	2637	0.20%	0.024%
68	12.058	3402	3411	3424	rBV10	10979	20745	1.58%	0.191%
69	12.135	3432	3435	3438	rVB4	1713	1035	0.08%	0.010%
70	12.186	3447	3451	3453	rBV3	1571	1159	0.09%	0.011%
71	12.292	3471	3484	3498	rBV	8959	19945	1.51%	0.184%

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72	12.392	3506	3515	3531	rBV5	19199	34723	2.64%	0.320%
73	12.669	3597	3601	3603	rBV4	1413	1037	0.08%	0.010%
74	12.720	3608	3617	3622	rBV7	4555	7145	0.54%	0.066%
75	12.791	3631	3639	3644	rBV7	5381	8311	0.63%	0.077%
76	12.884	3665	3668	3672	rVB4	1509	1247	0.09%	0.011%
77	12.932	3677	3683	3695	rVB4	2925	5532	0.42%	0.051%
78	12.997	3695	3703	3704	rBV6	1862	1843	0.14%	0.017%
79	13.186	3753	3762	3764	rBV7	3536	4328	0.33%	0.040%
80	13.479	3849	3853	3861	rBV8	3497	5023	0.38%	0.046%
81	13.556	3873	3877	3882	rVB6	1972	1850	0.14%	0.017%
82	13.620	3893	3897	3898	rBV5	2078	1449	0.11%	0.013%
83	13.868	3969	3974	3977	rBV6	2286	2020	0.15%	0.019%
84	14.090	4036	4043	4045	rVV5	2249	2765	0.21%	0.025%
85	14.138	4056	4058	4066	rVB7	2076	1662	0.13%	0.015%
86	14.180	4067	4071	4074	rBV5	1332	1077	0.08%	0.010%
87	14.228	4083	4086	4096	rBV5	2499	2745	0.21%	0.025%
88	14.379	4125	4133	4136	rBV8	2648	3077	0.23%	0.028%
89	14.550	4180	4186	4188	rBV6	1229	1295	0.10%	0.012%
90	14.685	4226	4228	4236	rVB9	956	936	0.07%	0.009%
91	15.080	4349	4351	4356	rVB6	1543	1120	0.09%	0.010%
92	15.109	4356	4360	4364	rBV6	1623	1550	0.12%	0.014%
93	15.151	4369	4373	4375	rBV4	1415	1096	0.08%	0.010%
94	15.186	4380	4384	4388	rBV6	1036	1257	0.10%	0.012%
95	15.569	4500	4503	4506	rBV3	1621	1252	0.10%	0.012%
96	15.752	4555	4560	4564	rBV7	1554	1545	0.12%	0.014%
97	15.903	4604	4607	4609	rBV4	1537	1137	0.09%	0.010%
98	15.968	4625	4627	4632	rVB5	1666	1025	0.08%	0.009%
99	16.334	4739	4741	4746	rBV6	1674	1377	0.10%	0.013%
100	16.511	4794	4796	4803	rVB6	2119	1896	0.14%	0.017%

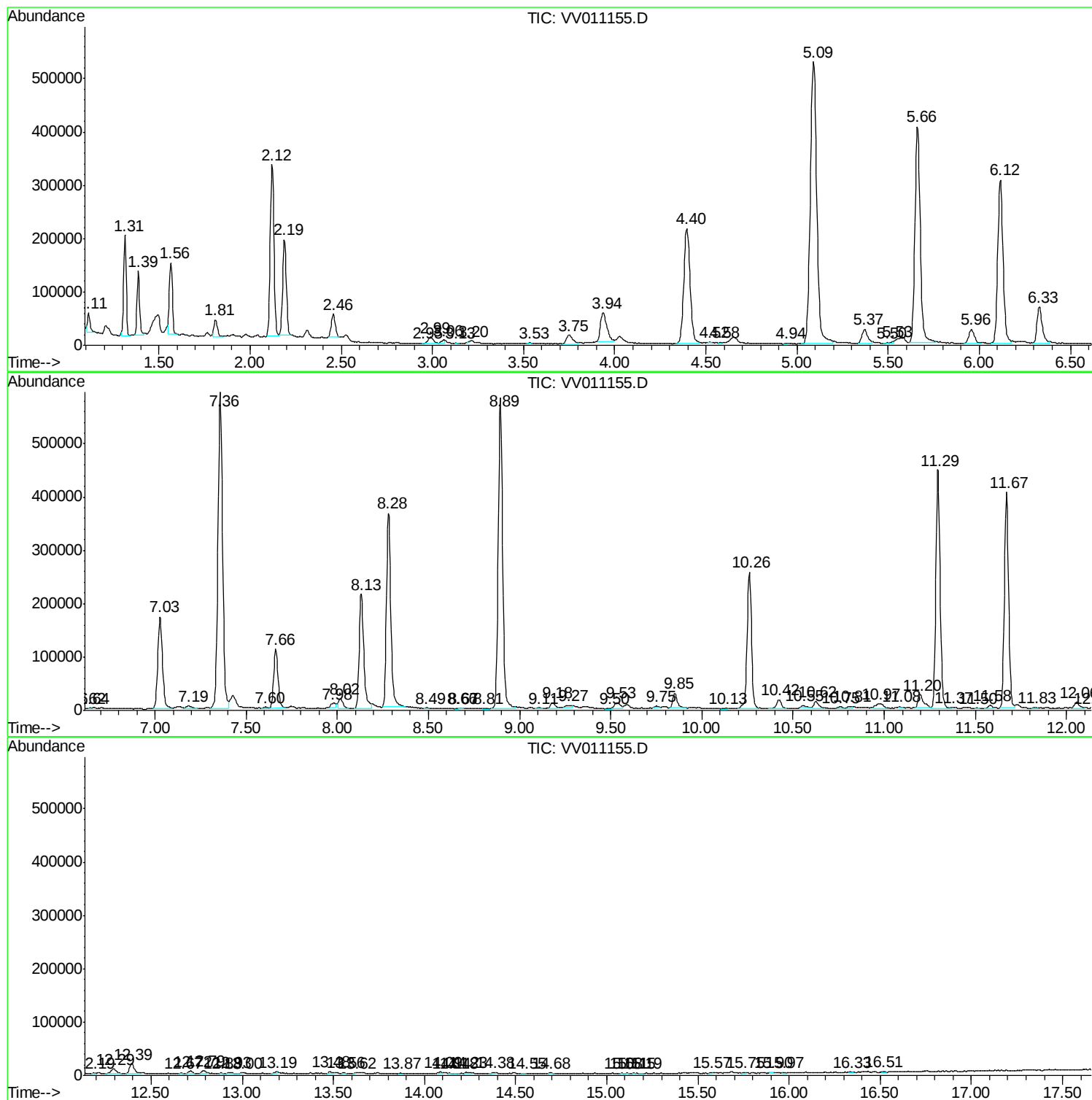
Sum of corrected areas: 10848907

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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



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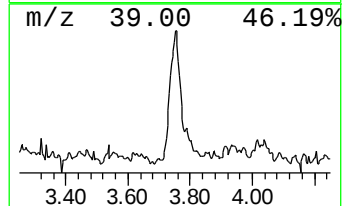
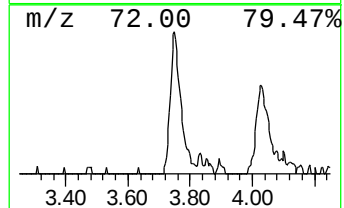
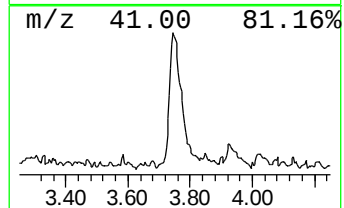
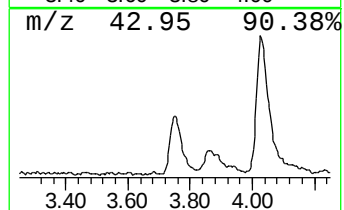
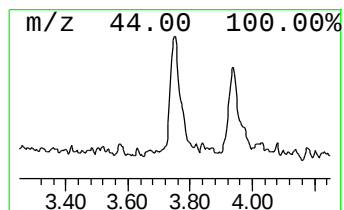
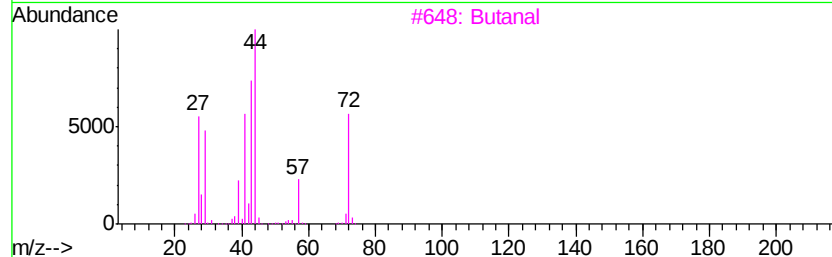
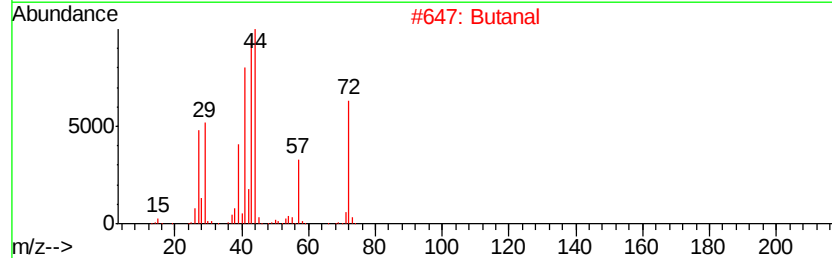
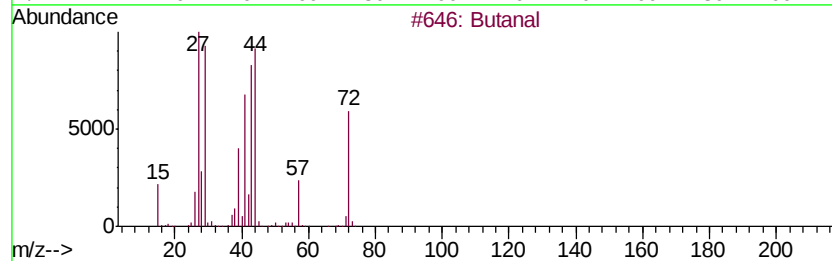
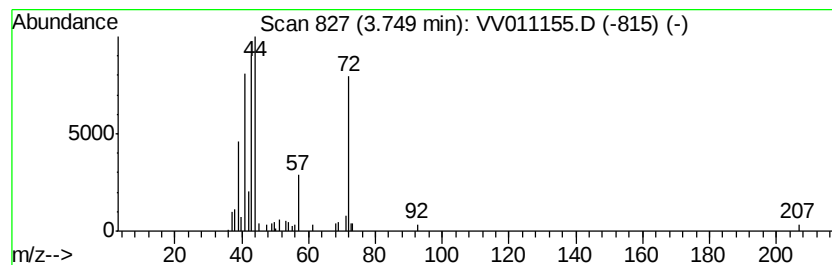
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	1.26 ug/L	40966	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	90
2		Butanal	72	C4H8O	000123-72-8	81
3		Butanal	72	C4H8O	000123-72-8	49
4		Butanal	72	C4H8O	000123-72-8	49
5		Ethene, ethoxy-	72	C4H8O	000109-92-2	47



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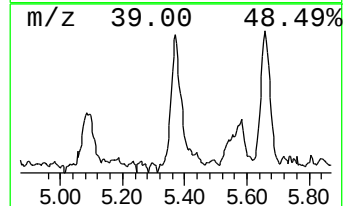
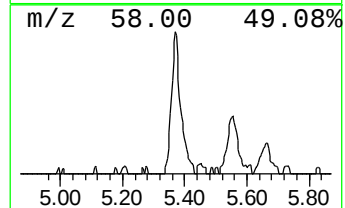
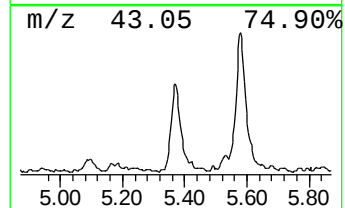
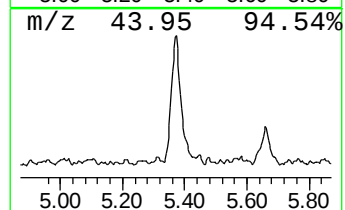
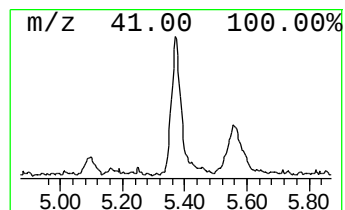
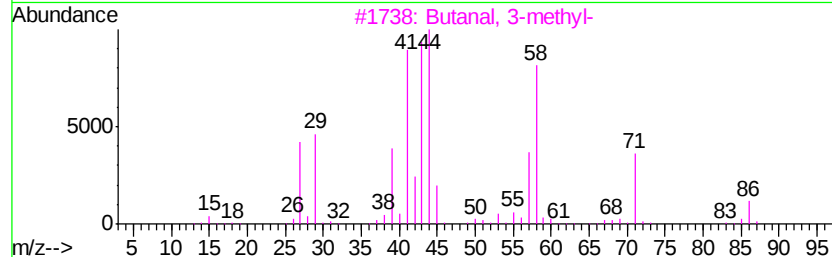
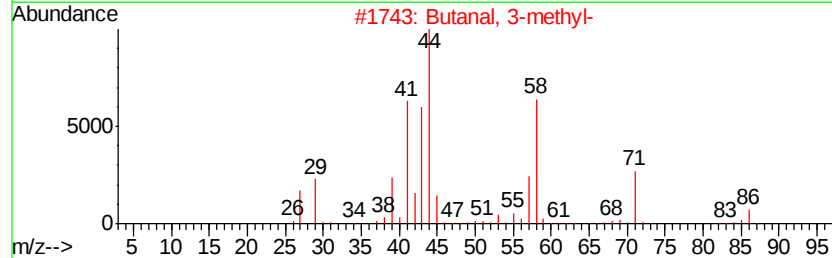
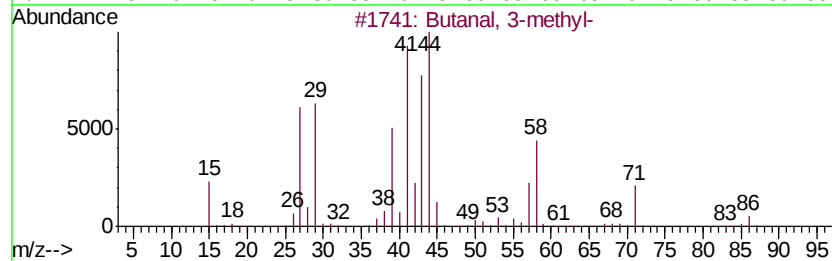
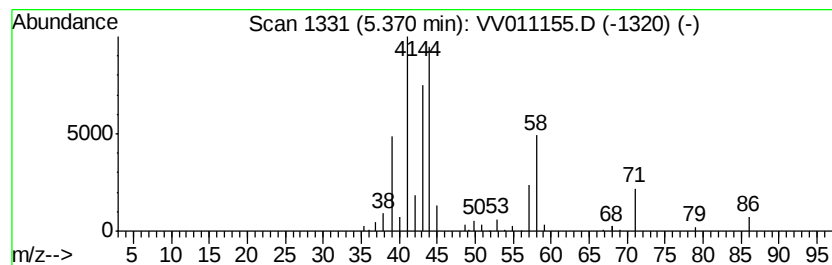
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanal, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.37	1.64 ug/L	53308	1,4-Difluorobenzene	5.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-		86	C5H10O	000590-86-3	94
2	Butanal, 3-methyl-		86	C5H10O	000590-86-3	64
3	Butanal, 3-methyl-		86	C5H10O	000590-86-3	52
4	Pentanal		86	C5H10O	000110-62-3	40
5	Ethanol, 2-(2-propenyloxy)-		102	C5H10O2	000111-45-5	32



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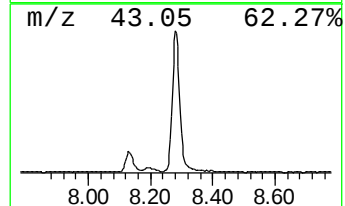
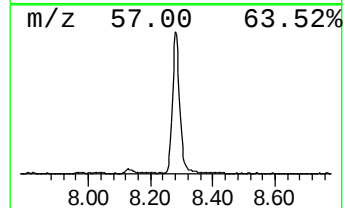
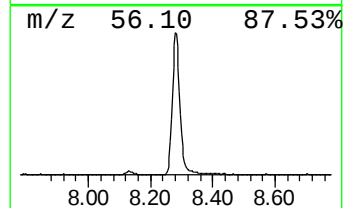
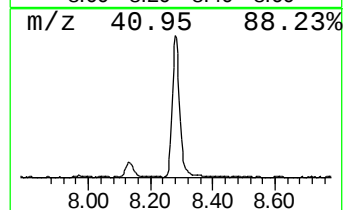
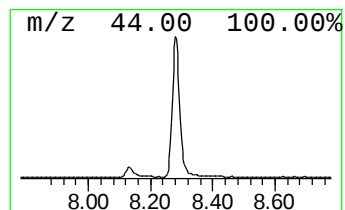
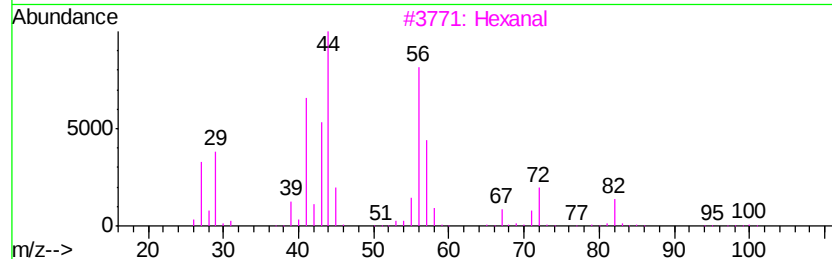
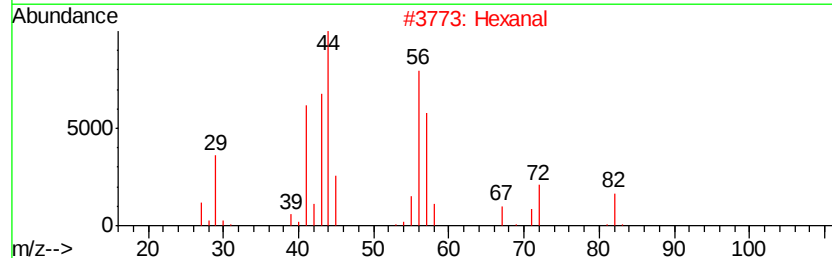
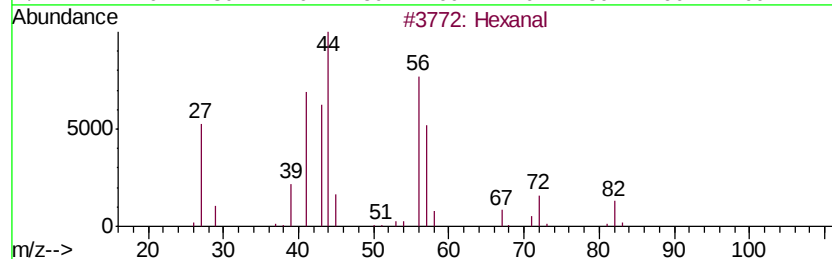
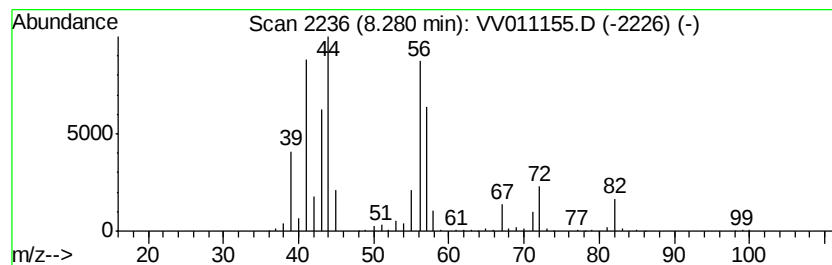
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	15.43 ug/L	603184	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	80
3		Hexanal	100	C6H12O	000066-25-1	80
4		Hexanal	100	C6H12O	000066-25-1	74
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011155.D
Acq On : 31 May 2019 00:17
Operator : SY/MD
Sample : K3083-07
Misc : 4.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51G0

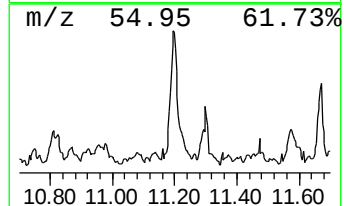
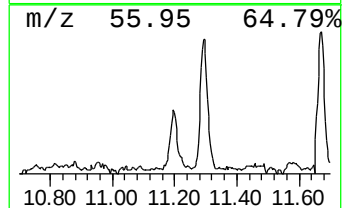
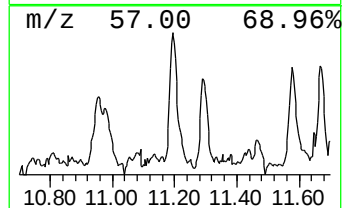
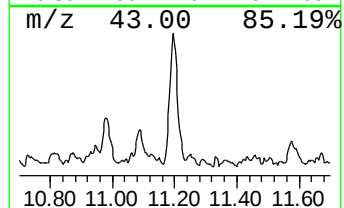
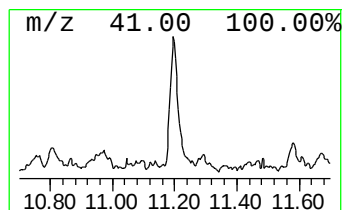
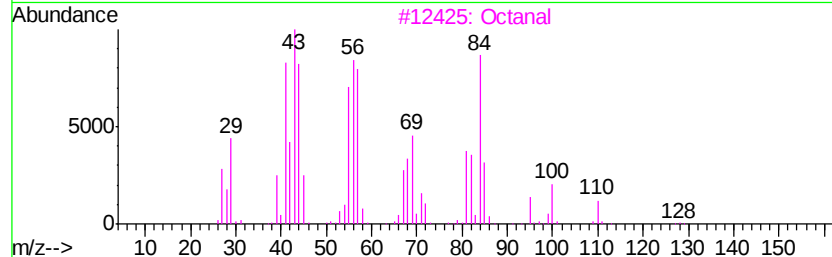
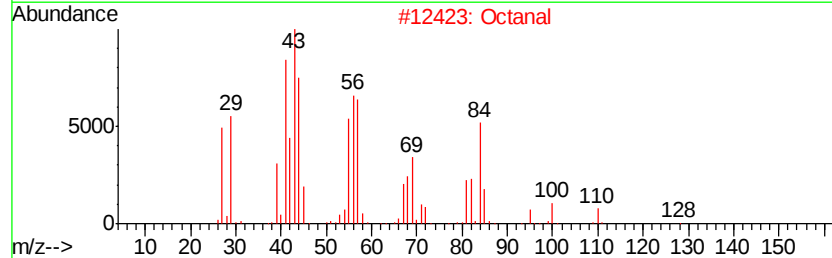
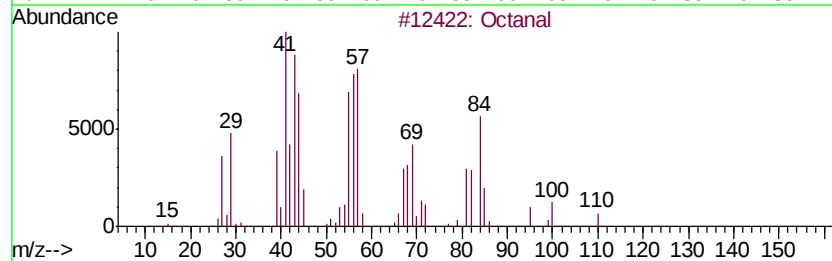
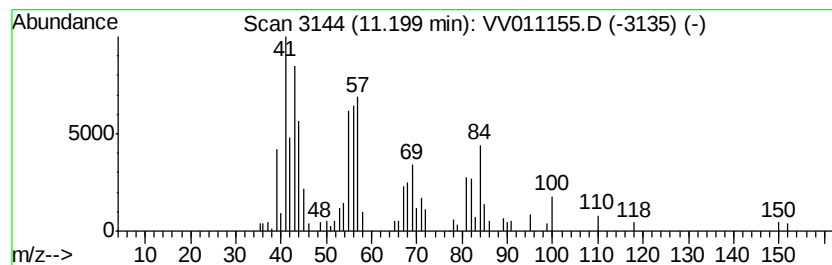
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Quant Title : VOC Analysis

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

Peak Number 7 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	1.84 ug/L	53580	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanal	128	C8H16O	000124-13-0	86
2		Octanal	128	C8H16O	000124-13-0	86
3		Octanal	128	C8H16O	000124-13-0	64
4		Octanal	128	C8H16O	000124-13-0	59
5		Octanal	128	C8H16O	000124-13-0	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011155.D
Acq On : 31 May 2019 00:17
Operator : SY/MD
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Misc : 4.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51G0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanal	3.75	1.3	ug/L	40966	1	5.66	814995	25.0
Butanal, 3-methyl-	5.37	1.6	ug/L	53308	1	5.66	814995	25.0
Hexanal	8.28	15.4	ug/L	603184	2	8.89	977228	25.0
Octanal	11.20	1.8	ug/L	53580	3	11.30	727502	25.0