

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
 Data File : VV011188.D
 Acq On : 31 May 2019 20:32
 Operator : SY/MD
 Sample : K3017-13RE
 Misc : 5.30G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E6RE

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	2.878	551	556	559	rBV6	1215	1136	0.28%	0.039%
2	2.968	580	584	585	rBV4	1197	855	0.21%	0.029%
3	3.142	636	638	643	rVB5	1173	865	0.21%	0.030%
4	3.171	643	647	650	rBV4	1071	828	0.20%	0.028%
5	3.264	674	676	679	rBV3	963	489	0.12%	0.017%
6	3.415	718	723	727	rBV7	1187	1185	0.29%	0.041%
7	3.453	732	735	738	rVB3	1618	1027	0.25%	0.035%
8	3.521	753	756	757	rBV3	667	412	0.10%	0.014%
9	3.595	777	779	781	rBV2	999	432	0.11%	0.015%
10	3.650	794	796	798	rBV3	1036	571	0.14%	0.020%
11	3.704	808	813	816	rBV5	762	703	0.17%	0.024%
12	3.945	879	888	908	rBV2	14041	37456	9.23%	1.281%
13	4.399	1015	1029	1048	rBV2	66908	159794	39.39%	5.466%
14	4.762	1140	1142	1144	rBV3	778	429	0.11%	0.015%
15	4.849	1168	1169	1173	rVB3	898	582	0.14%	0.020%
16	4.884	1178	1180	1183	rVB3	1016	556	0.14%	0.019%
17	4.974	1203	1208	1211	rBV6	1417	1343	0.33%	0.046%
18	5.023	1220	1223	1228	rBV7	773	614	0.15%	0.021%
19	5.093	1228	1245	1264	rBV2	161392	405695	100.00%	13.877%
20	5.309	1309	1312	1317	rVB6	1517	1033	0.25%	0.035%
21	5.360	1324	1328	1329	rBV3	2973	1905	0.47%	0.065%
22	5.473	1359	1363	1366	rBV3	1131	697	0.17%	0.024%
23	5.518	1374	1377	1379	rBV3	909	514	0.13%	0.018%
24	5.662	1409	1422	1456	rBV	135202	280753	69.20%	9.604%
25	5.936	1504	1507	1508	rBV3	1818	881	0.22%	0.030%
26	6.029	1533	1536	1537	rBV3	878	500	0.12%	0.017%
27	6.116	1550	1563	1585	rBV2	92163	195781	48.26%	6.697%
28	6.331	1618	1630	1642	rBV	19392	39435	9.72%	1.349%
29	6.505	1679	1684	1688	rBV7	975	1004	0.25%	0.034%
30	6.624	1718	1721	1722	rBV3	1118	677	0.17%	0.023%
31	6.768	1764	1766	1768	rBV3	873	531	0.13%	0.018%
32	6.910	1809	1810	1812	rBV	865	457	0.11%	0.016%
33	6.952	1819	1823	1825	rBV3	1198	1067	0.26%	0.036%
34	7.029	1834	1847	1866	rBV2	49825	94841	23.38%	3.244%

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
 Data File : VV011188.D
 Acq On : 31 May 2019 20:32
 Operator : SY/MD
 Sample : K3017-13RE
 Misc : 5.30G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E6RE

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

35	7.170	1888	1891	1894	rBV5	1582	1503	0.37%	0.051%
36	7.315	1930	1936	1938	rBV5	2043	1964	0.48%	0.067%
37	7.360	1938	1950	1963	rVV	180712	325365	80.20%	11.130%
38	7.608	2024	2027	2032	rBV6	2005	1586	0.39%	0.054%
39	7.662	2033	2044	2058	rBV3	33372	59567	14.68%	2.038%
40	7.865	2103	2107	2110	rBV4	1458	1298	0.32%	0.044%
41	8.135	2182	2191	2212	rBV	49831	104031	25.64%	3.559%
42	8.283	2228	2237	2259	rVB	110970	190980	47.07%	6.533%
43	8.585	2328	2331	2333	rBV4	740	626	0.15%	0.021%
44	8.617	2340	2341	2346	rVB4	1219	719	0.18%	0.025%
45	8.649	2346	2351	2354	rVB6	1481	1179	0.29%	0.040%
46	8.669	2354	2357	2359	rVB2	1039	444	0.11%	0.015%
47	8.752	2379	2383	2387	rBV7	1305	1172	0.29%	0.040%
48	8.894	2414	2427	2446	rBV	186064	332094	81.86%	11.360%
49	9.048	2473	2475	2477	rBV3	918	415	0.10%	0.014%
50	9.061	2477	2479	2482	rVV3	722	396	0.10%	0.014%
51	9.145	2500	2505	2507	rBV5	1168	920	0.23%	0.031%
52	9.546	2627	2630	2631	rBV	1446	813	0.20%	0.028%
53	9.582	2639	2641	2644	rBV4	1322	508	0.13%	0.017%
54	9.723	2683	2685	2688	rBV4	1000	519	0.13%	0.018%
55	9.739	2688	2690	2692	rBV2	689	452	0.11%	0.015%
56	9.855	2718	2726	2734	rBV8	6613	11483	2.83%	0.393%
57	10.100	2800	2802	2805	rBV4	1099	660	0.16%	0.023%
58	10.167	2817	2823	2824	rBV4	1194	1102	0.27%	0.038%
59	10.218	2837	2839	2841	rVB3	1192	456	0.11%	0.016%
60	10.260	2841	2852	2869	rVB	80652	131795	32.49%	4.508%
61	10.376	2885	2888	2889	rBV2	837	419	0.10%	0.014%
62	10.472	2914	2918	2920	rBV3	1329	941	0.23%	0.032%
63	10.501	2924	2927	2930	rVB5	774	491	0.12%	0.017%
64	10.518	2930	2932	2938	rBV5	955	744	0.18%	0.025%
65	10.553	2938	2943	2947	rBV6	2094	2304	0.57%	0.079%
66	10.627	2960	2966	2976	rBV9	3286	5416	1.33%	0.185%
67	10.746	3001	3003	3005	rBV2	918	470	0.12%	0.016%
68	11.077	3104	3106	3111	rBV6	1045	1041	0.26%	0.036%
69	11.296	3163	3174	3189	rBV	141933	250679	61.79%	8.575%
70	11.431	3214	3216	3218	rBV3	822	456	0.11%	0.016%
71	11.537	3246	3249	3252	rVB3	815	429	0.11%	0.015%

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
 Data File : VV011188.D
 Acq On : 31 May 2019 20:32
 Operator : SY/MD
 Sample : K3017-13RE
 Misc : 5.30G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E6RE

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

72	11.553	3252	3254	3256	rBV3	994	525	0.13%	0.018%
73	11.579	3256	3262	3268	rVV7	2754	3591	0.89%	0.123%
74	11.672	3281	3291	3308	rBV2	128720	225002	55.46%	7.697%
75	12.289	3479	3483	3486	rBV5	2190	2030	0.50%	0.069%
76	12.360	3502	3505	3507	rBV3	958	640	0.16%	0.022%
77	12.392	3511	3515	3517	rBV4	3444	2619	0.65%	0.090%
78	12.521	3550	3555	3557	rBV5	895	592	0.15%	0.020%
79	12.546	3561	3563	3565	rVB3	1259	528	0.13%	0.018%
80	12.562	3565	3568	3570	rBV2	1065	625	0.15%	0.021%
81	12.701	3609	3611	3613	rBV3	943	481	0.12%	0.016%
82	12.884	3665	3668	3674	rVB7	1084	1239	0.31%	0.042%
83	12.919	3674	3679	3680	rBV3	1690	1227	0.30%	0.042%
84	13.054	3719	3721	3725	rBV5	998	733	0.18%	0.025%
85	13.132	3743	3745	3747	rBV4	946	559	0.14%	0.019%
86	13.160	3751	3754	3758	rBV4	1375	1341	0.33%	0.046%
87	13.369	3815	3819	3823	rVB5	1186	1015	0.25%	0.035%
88	13.402	3823	3829	3831	rBV6	1274	1064	0.26%	0.036%
89	13.479	3849	3853	3854	rBV2	1955	1179	0.29%	0.040%
90	13.646	3903	3905	3908	rBV3	949	492	0.12%	0.017%
91	13.771	3941	3944	3946	rVB3	964	640	0.16%	0.022%
92	13.787	3946	3949	3951	rBV4	1325	897	0.22%	0.031%
93	13.826	3958	3961	3964	rVB3	733	510	0.13%	0.017%
94	13.845	3964	3967	3970	rBV5	1098	848	0.21%	0.029%
95	13.948	3993	3999	4002	rBV6	1544	1534	0.38%	0.052%
96	14.003	4013	4016	4017	rBV3	915	401	0.10%	0.014%
97	14.083	4038	4041	4045	rBV5	905	659	0.16%	0.023%
98	14.421	4142	4146	4149	rBV6	1119	575	0.14%	0.020%
99	14.582	4193	4196	4200	rVB4	1048	603	0.15%	0.021%
100	14.742	4244	4246	4249	rBV3	1079	784	0.19%	0.027%

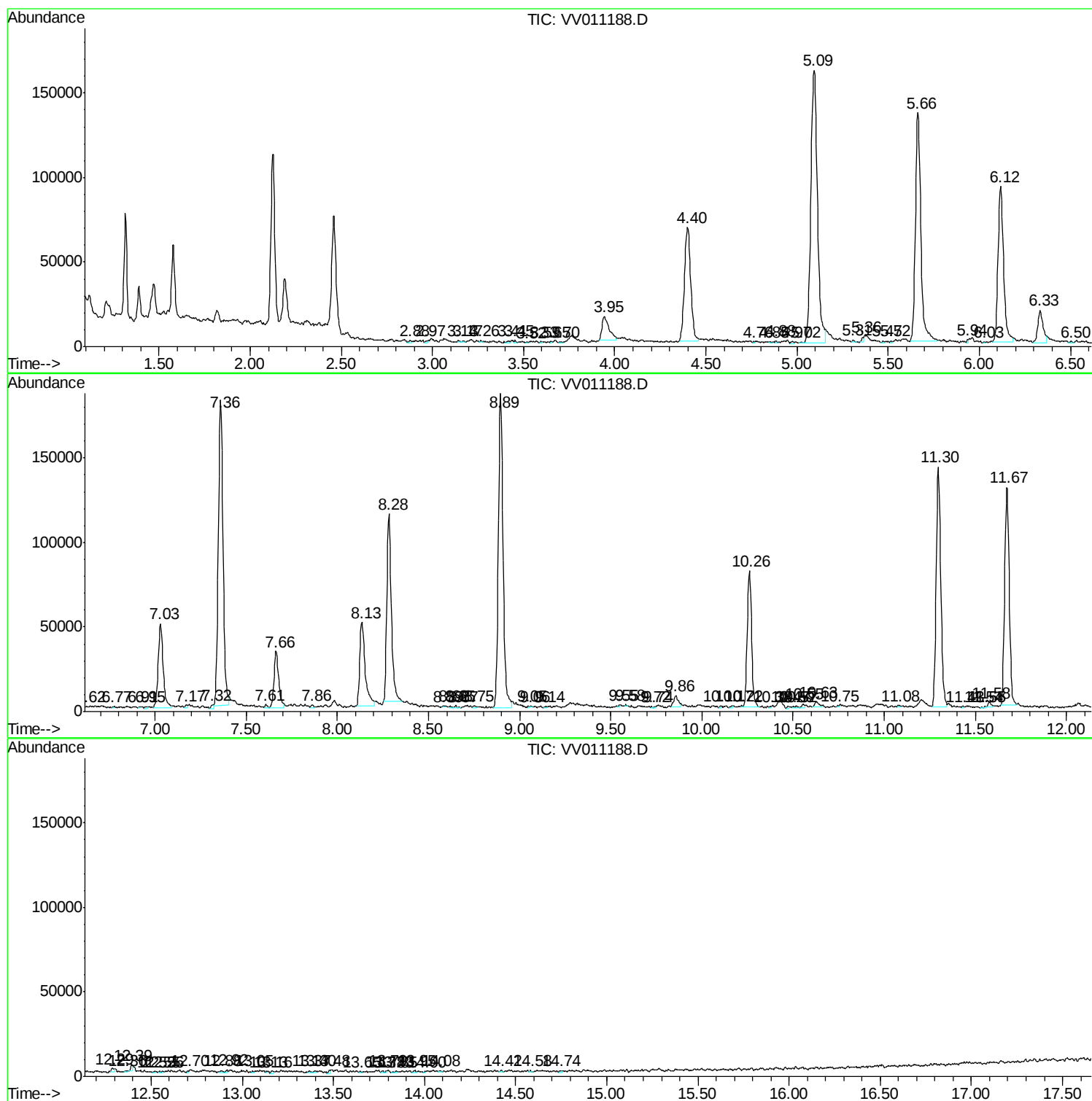
Sum of corrected areas: 2923418

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
Data File : VV011188.D
Acq On : 31 May 2019 20:32
Operator : SY/MD
Sample : K3017-13RE
Misc : 5.30G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E6RE

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
Data File : VV011188.D
Acq On : 31 May 2019 20:32
Operator : SY/MD
Sample : K3017-13RE
Misc : 5.30G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E6RE

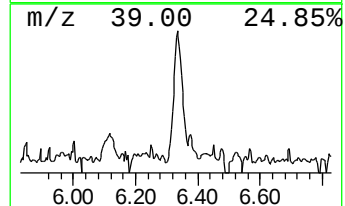
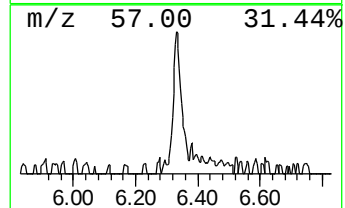
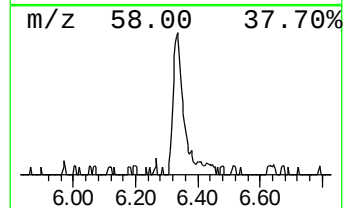
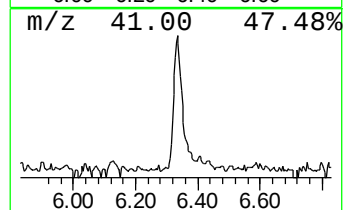
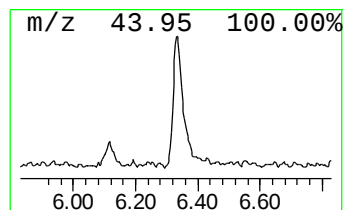
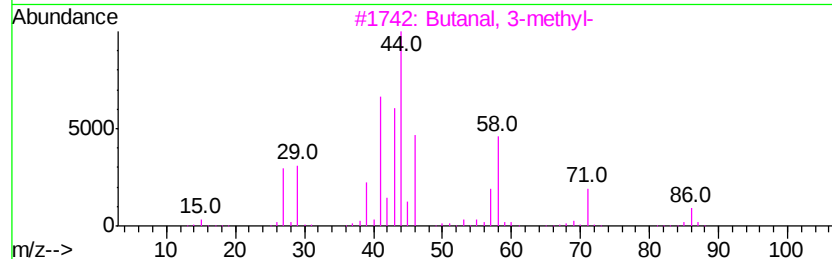
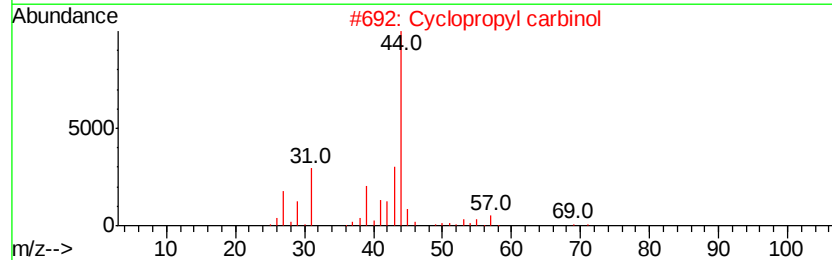
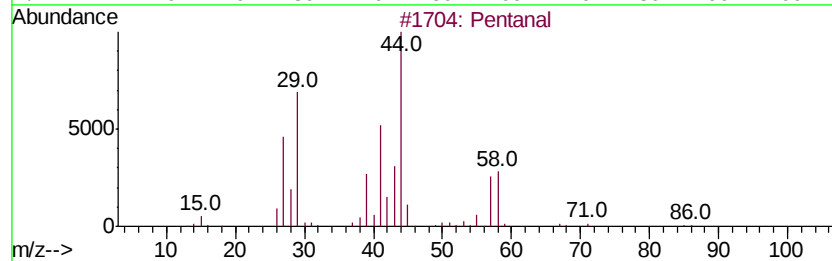
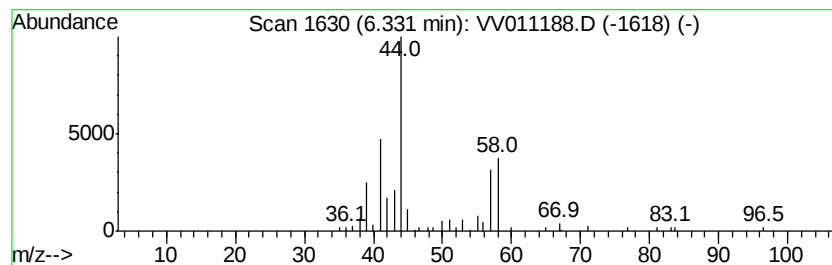
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.51 ug/L	39435	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	72
2		Cyclopropyl carbinol	72	C4H8O	002516-33-8	45
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
4		Actinobolin	300	C13H20N2O6	024397-89-5	33
5		Alanine	89	C3H7NO2	000056-41-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV053119\
Data File : VV011188.D
Acq On : 31 May 2019 20:32
Operator : SY/MD
Sample : K3017-13RE
Misc : 5.30G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E6RE

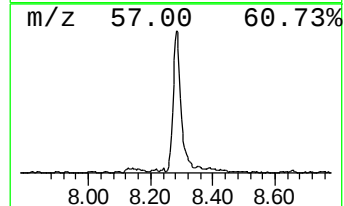
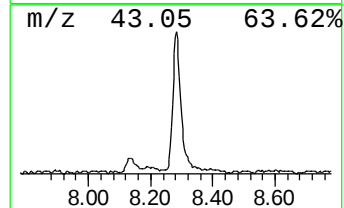
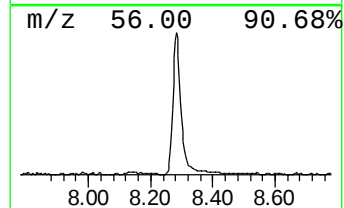
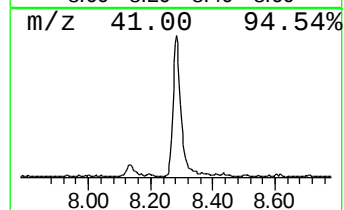
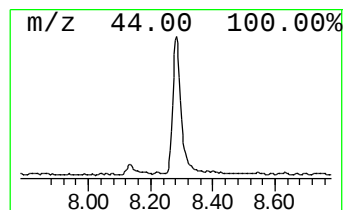
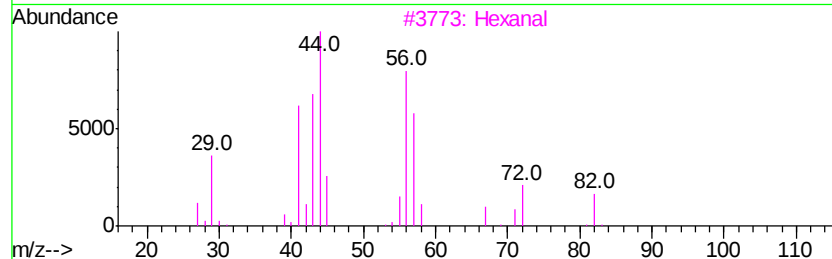
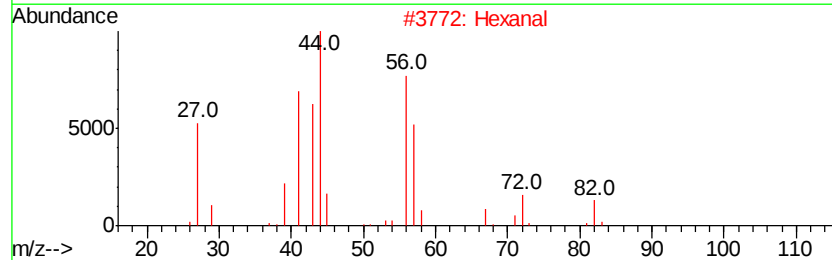
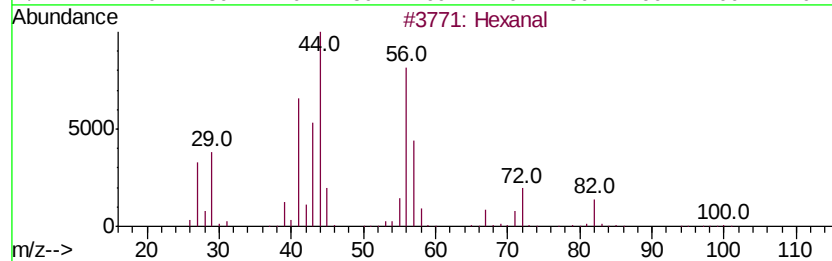
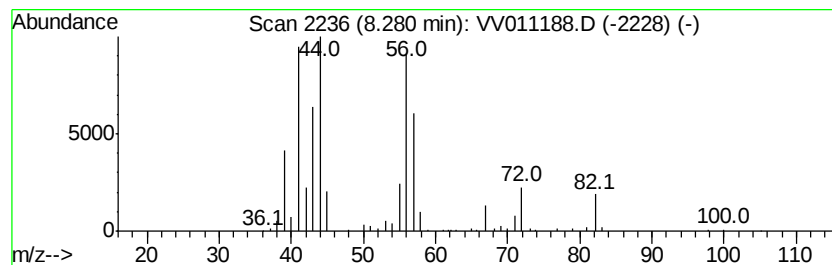
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	14.38 ug/L	190980	Chlorobenzene-d5	8.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	81
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	46
5	Butanal		72	C4H8O	000123-72-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053119\
Data File : VV011188.D
Acq On : 31 May 2019 20:32
Operator : SY/MD
Sample : K3017-13RE
Misc : 5.30G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E6RE

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
Pentanal	6.33	3.5	ug/L	39435	1	5.66	280753	25.0
Hexanal	8.28	14.4	ug/L	190980	2	8.90	332094	25.0