

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011045.D
 Acq On : 24 May 2019 01:47
 Operator : SY/MD
 Sample : K3016-13
 Misc : 6.36G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D0

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\SOM2VLM052019S.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	1.206	32	36	53	rVB4	9624	16173	5.69%	0.686%
2	1.315	64	70	76	rVB	31423	29637	10.43%	1.257%
3	1.386	86	92	101	rVB	19821	20372	7.17%	0.864%
4	1.560	140	146	154	rVB	20819	24518	8.63%	1.040%
5	1.807	216	223	230	rBV3	5131	6466	2.28%	0.274%
6	1.981	272	277	286	rVB5	1733	2536	0.89%	0.108%
7	2.032	290	293	294	rBV2	667	370	0.13%	0.016%
8	2.119	309	320	332	rBV2	55611	81805	28.80%	3.470%
9	2.190	332	342	352	rBV	20492	30412	10.71%	1.290%
10	2.315	372	381	393	rVB3	2453	4292	1.51%	0.182%
11	2.457	414	425	440	rBV	22831	36193	12.74%	1.535%
12	2.531	440	448	455	rVV3	2915	4696	1.65%	0.199%
13	2.573	458	461	464	rVV	323	216	0.08%	0.009%
14	2.598	464	469	473	rVB2	359	375	0.13%	0.016%
15	2.646	480	484	487	rBV3	565	603	0.21%	0.026%
16	2.769	520	522	526	rBV2	304	246	0.09%	0.010%
17	2.833	535	542	544	rBV2	272	343	0.12%	0.015%
18	2.920	565	569	572	rBV2	243	250	0.09%	0.011%
19	2.990	580	591	602	rBV4	2178	4316	1.52%	0.183%
20	3.064	605	614	624	rVB4	2960	5386	1.90%	0.228%
21	3.203	652	657	661	rBV2	793	1133	0.40%	0.048%
22	3.299	681	687	688	rBV	280	218	0.08%	0.009%
23	3.328	693	696	699	rVB	286	212	0.07%	0.009%
24	3.675	796	804	806	rBV	207	279	0.10%	0.012%
25	3.753	820	828	844	rVB4	2077	4686	1.65%	0.199%
26	3.933	866	884	907	rBV2	21287	55893	19.68%	2.371%
27	4.219	968	973	978	rBV2	171	241	0.08%	0.010%
28	4.396	1011	1028	1047	rBV	51241	122557	43.15%	5.199%
29	4.846	1164	1168	1173	rVB	226	221	0.08%	0.009%
30	4.881	1174	1179	1182	rBV2	257	253	0.09%	0.011%
31	4.984	1209	1211	1217	rVB2	405	407	0.14%	0.017%
32	5.090	1226	1244	1276	rBV2	114136	284055	100.00%	12.049%
33	5.373	1319	1332	1345	rVV4	3143	6843	2.41%	0.290%
34	5.537	1377	1383	1384	rBV3	852	670	0.24%	0.028%

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35	5.659	1409	1421	1438	rBV	88618	176293	62.06%	7.478%
36	5.945	1503	1510	1512	rBV2	673	571	0.20%	0.024%
37	6.116	1547	1563	1587	rBV	68313	139722	49.19%	5.927%
38	6.225	1593	1597	1599	rBV	427	339	0.12%	0.014%
39	6.331	1620	1630	1643	rBV3	15256	28740	10.12%	1.219%
40	6.598	1710	1713	1720	rBV2	225	251	0.09%	0.011%
41	6.643	1724	1727	1732	rBV3	499	350	0.12%	0.015%
42	6.698	1737	1744	1748	rBV2	839	1075	0.38%	0.046%
43	6.920	1810	1813	1815	rBV	293	233	0.08%	0.010%
44	7.026	1834	1846	1865	rVV	32064	55457	19.52%	2.352%
45	7.177	1890	1893	1894	rVV2	341	220	0.08%	0.009%
46	7.357	1937	1949	1964	rBV	103962	180428	63.52%	7.653%
47	7.608	2021	2027	2032	rVB	568	553	0.19%	0.023%
48	7.662	2032	2044	2061	rBV2	21128	35029	12.33%	1.486%
49	7.746	2065	2070	2074	rBV4	941	1122	0.39%	0.048%
50	7.981	2132	2143	2144	rBV4	1984	2384	0.84%	0.101%
51	8.132	2179	2190	2208	rBV	78214	135727	47.78%	5.757%
52	8.280	2225	2236	2264	rBV	165201	273954	96.44%	11.620%
53	8.817	2396	2403	2405	rBV2	201	269	0.09%	0.011%
54	8.894	2415	2427	2448	rVV	118189	192251	67.68%	8.155%
55	9.048	2473	2475	2481	rVB3	272	242	0.09%	0.010%
56	9.084	2481	2486	2491	rBV2	171	215	0.08%	0.009%
57	9.183	2511	2517	2518	rBV2	508	472	0.17%	0.020%
58	9.257	2529	2540	2542	rBV3	2123	3339	1.18%	0.142%
59	9.421	2587	2591	2594	rBV	219	233	0.08%	0.010%
60	9.530	2617	2625	2633	rBV7	3076	6487	2.28%	0.275%
61	9.585	2641	2642	2652	rVB2	1107	951	0.33%	0.040%
62	9.630	2652	2656	2658	rBV	275	208	0.07%	0.009%
63	9.649	2658	2662	2664	rBV2	387	302	0.11%	0.013%
64	9.682	2669	2672	2674	rBV3	353	223	0.08%	0.009%
65	9.723	2680	2685	2689	rBV2	379	472	0.17%	0.020%
66	9.746	2689	2692	2694	rBV3	343	234	0.08%	0.010%
67	9.852	2716	2725	2737	rBV8	6068	9695	3.41%	0.411%
68	9.926	2744	2748	2752	rVV3	219	216	0.08%	0.009%
69	9.984	2763	2766	2767	rBV2	469	215	0.08%	0.009%
70	10.116	2802	2807	2809	rBV2	287	270	0.10%	0.011%
71	10.260	2841	2852	2869	rVV	78148	122316	43.06%	5.188%

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72	10.421	2894	2902	2916	rVB5	2147	3474	1.22%	0.147%
73	10.550	2937	2942	2943	rBV2	928	735	0.26%	0.031%
74	10.620	2958	2964	2980	rVB5	2080	3304	1.16%	0.140%
75	10.762	3001	3008	3016	rVB4	1955	2676	0.94%	0.114%
76	10.800	3016	3020	3023	rBV4	487	381	0.13%	0.016%
77	10.900	3048	3051	3056	rBV3	394	263	0.09%	0.011%
78	10.936	3056	3062	3063	rBV3	456	436	0.15%	0.018%
79	10.974	3070	3074	3088	rVB5	2178	3149	1.11%	0.134%
80	11.090	3104	3110	3112	rBV3	587	456	0.16%	0.019%
81	11.196	3136	3143	3155	rVB7	4378	7107	2.50%	0.301%
82	11.296	3164	3174	3187	rBV	63906	103204	36.33%	4.378%
83	11.575	3253	3261	3265	rVV5	2042	2812	0.99%	0.119%
84	11.598	3265	3268	3272	rVB	5115	2982	1.05%	0.126%
85	11.672	3280	3291	3304	rBV2	56730	92386	32.52%	3.919%
86	11.726	3306	3308	3315	rVB3	714	716	0.25%	0.030%
87	11.823	3336	3338	3344	rBV	333	296	0.10%	0.013%
88	11.855	3344	3348	3353	rVB2	314	345	0.12%	0.015%
89	12.051	3403	3409	3419	rVB6	2642	4258	1.50%	0.181%
90	12.292	3477	3484	3491	rVV2	941	1423	0.50%	0.060%
91	12.392	3509	3515	3524	rVB6	3238	4209	1.48%	0.179%
92	12.723	3610	3618	3622	rVB3	1025	1446	0.51%	0.061%
93	13.633	3894	3901	3907	rBV4	841	1070	0.38%	0.045%
94	14.074	4034	4038	4040	rBV2	269	234	0.08%	0.010%
95	14.447	4150	4154	4159	rBV2	293	260	0.09%	0.011%
96	14.704	4227	4234	4237	rBV2	299	367	0.13%	0.016%
97	15.041	4335	4339	4342	rBV3	230	230	0.08%	0.010%
98	15.990	4631	4634	4637	rBV2	268	217	0.08%	0.009%
99	16.984	4941	4943	4951	rBV4	695	767	0.27%	0.033%
100	17.353	5055	5058	5061	rBV3	456	383	0.13%	0.016%

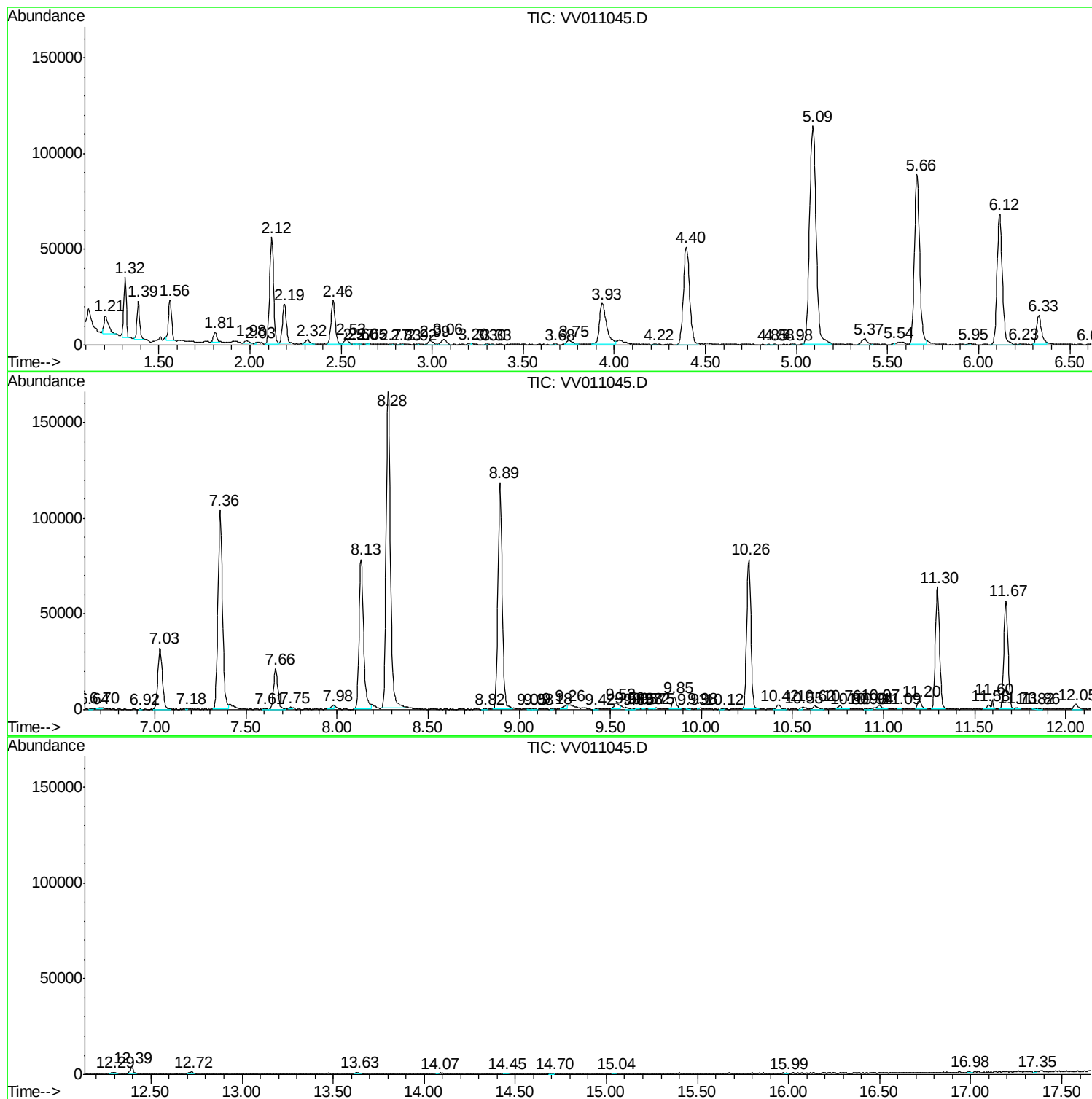
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



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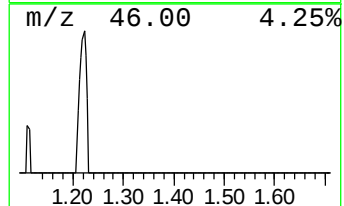
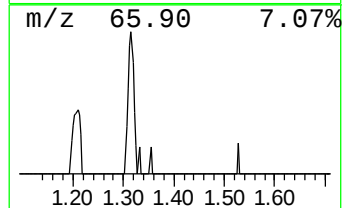
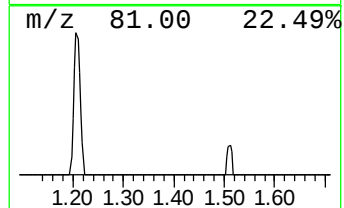
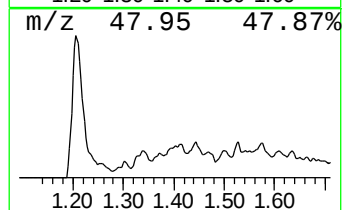
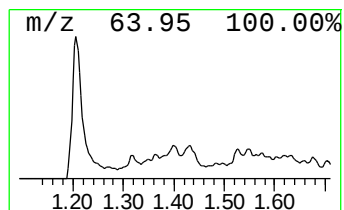
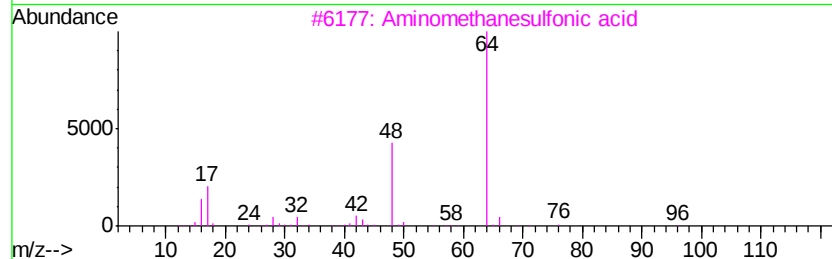
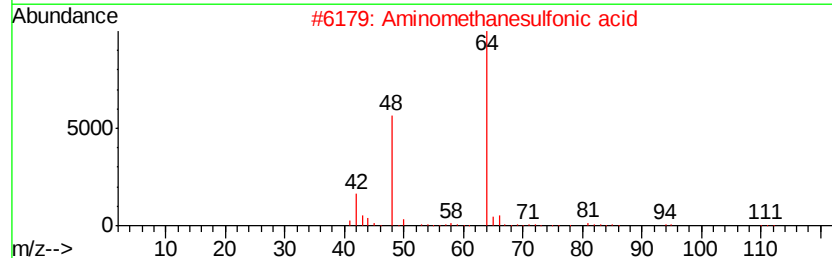
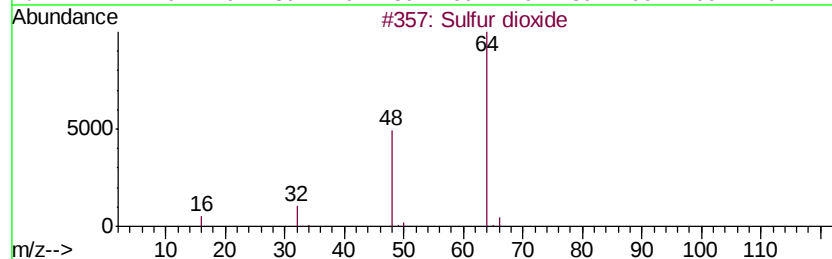
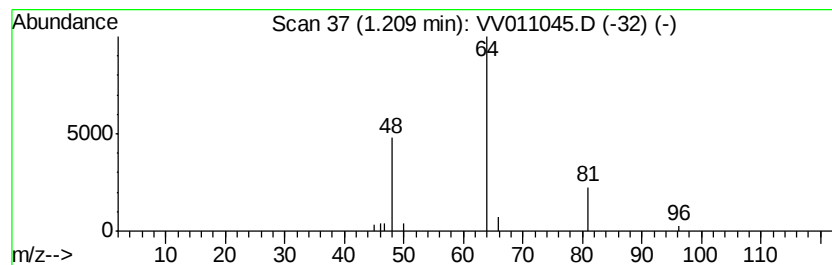
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.29 ug/L	16173	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	74
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9



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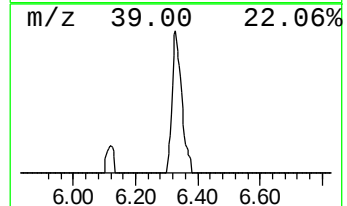
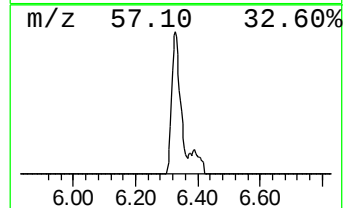
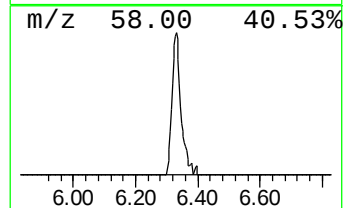
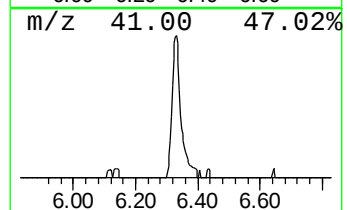
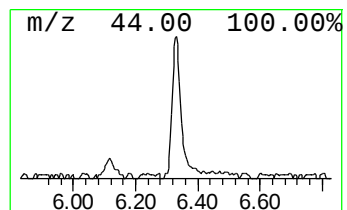
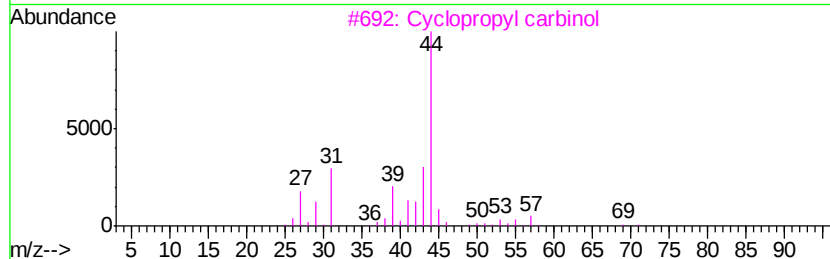
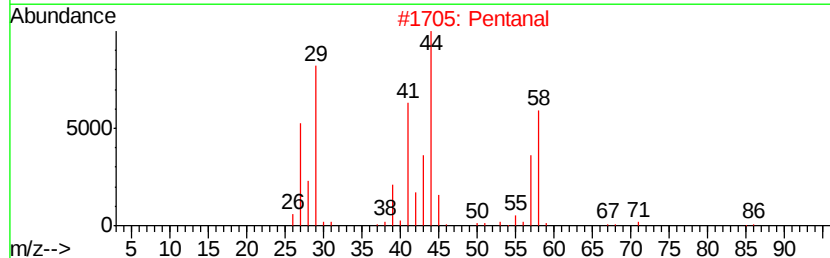
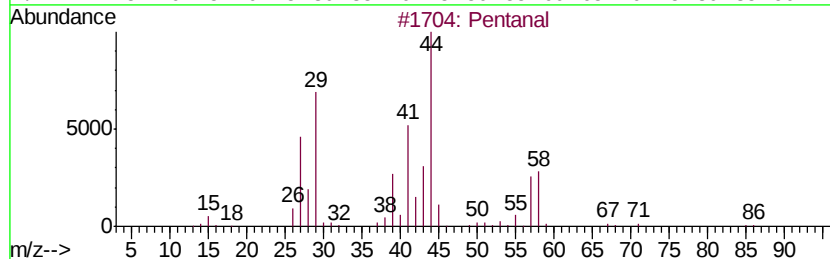
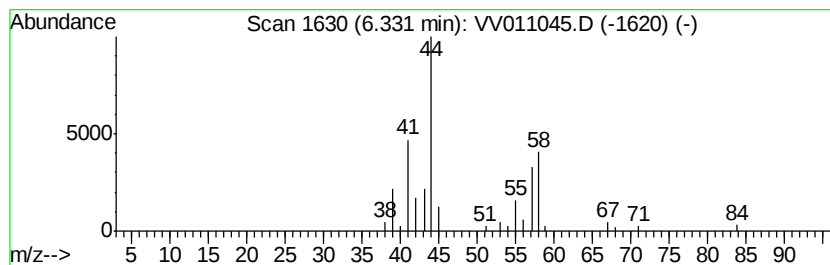
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Quant Title : VOC Analysis

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

Peak Number 3 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	4.08 ug/L	28740	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Pentanal	86	C5H10O	000110-62-3	72
3		Cyclopropyl carbinol	72	C4H8O	002516-33-8	28
4		Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	23
5		Methylpent-4-enylamine	99	C6H13N	005831-72-1	9



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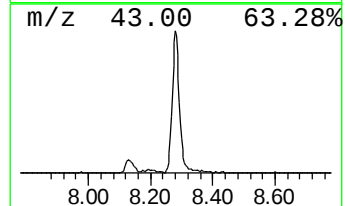
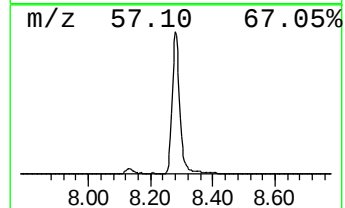
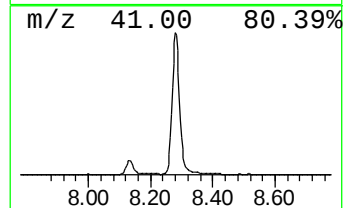
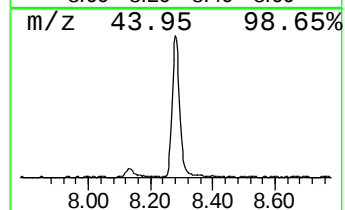
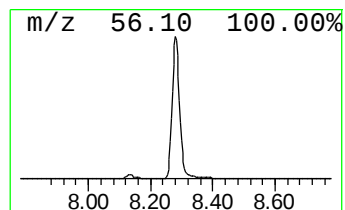
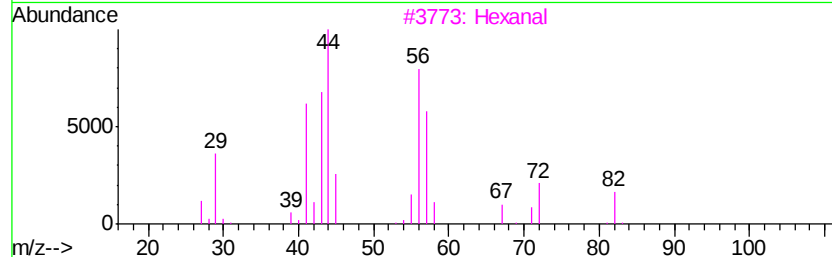
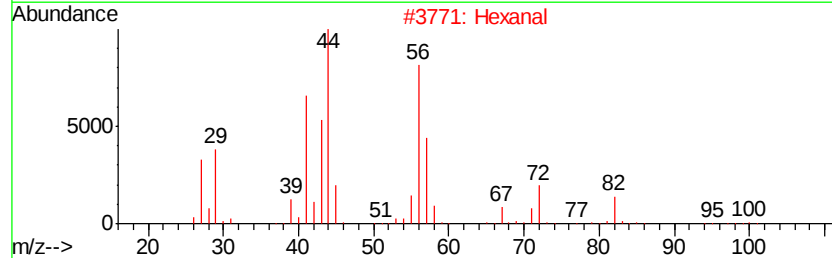
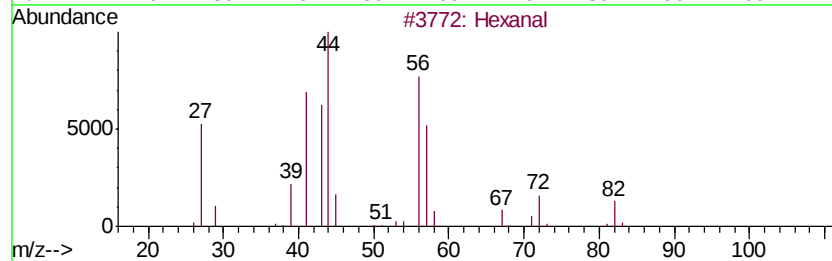
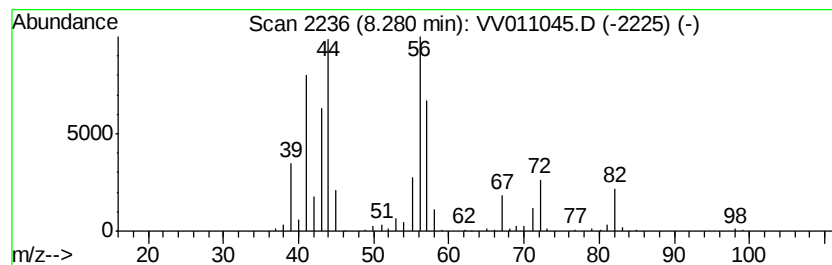
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Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	35.62 ug/L	273954	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	83
4	Hexanal		100	C6H12O	000066-25-1	83
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	35



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Operator : SY/MD
Sample : K3016-13
Misc : 6.36G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleID :
A51D0

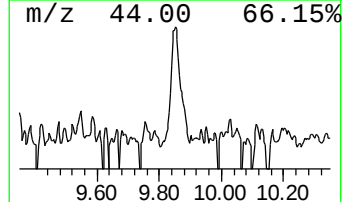
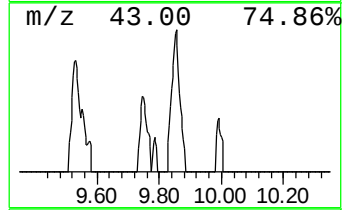
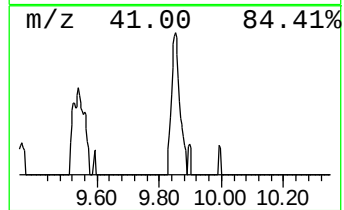
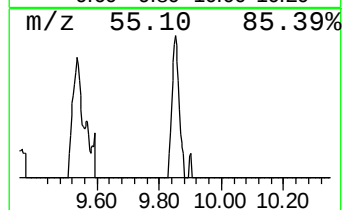
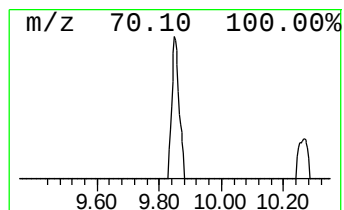
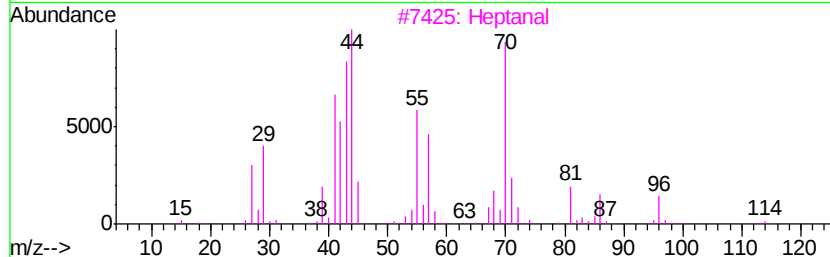
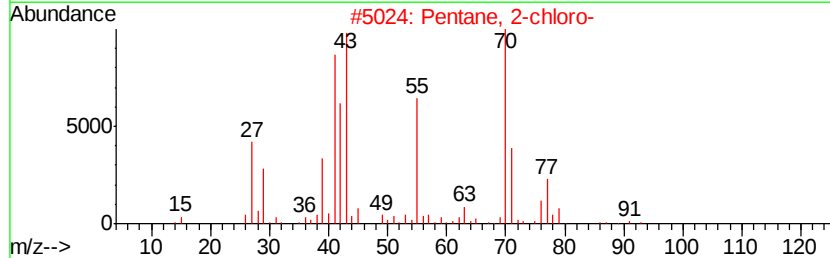
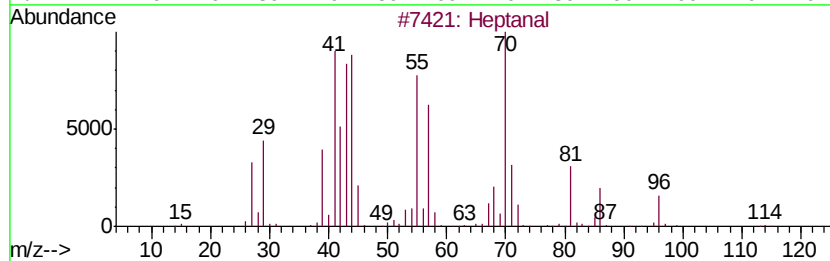
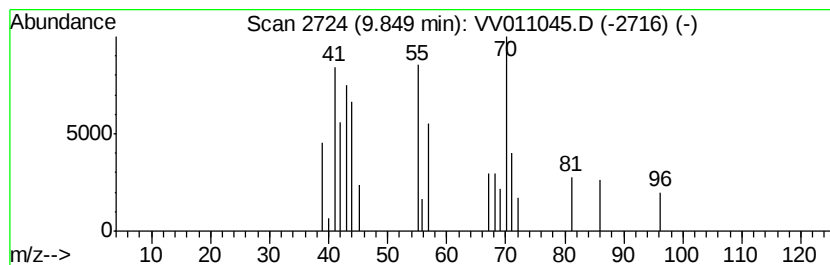
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Quant Title : VOC Analysis

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

Peak Number 6 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.26 ug/L	9695	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	72
2	Pentane, 2-chloro-		106	C5H11Cl	000625-29-6	43
3	Heptanal		114	C7H14O	000111-71-7	40
4	Heptanal		114	C7H14O	000111-71-7	40
5	Propanal, 2-methyl-, oxime		87	C4H9NO	000151-00-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011045.D
Acq On : 24 May 2019 01:47
Operator : SY/MD
Sample : K3016-13
Misc : 6.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D0

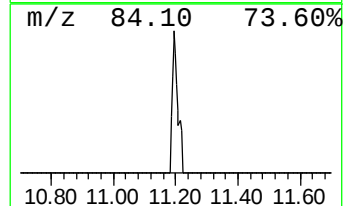
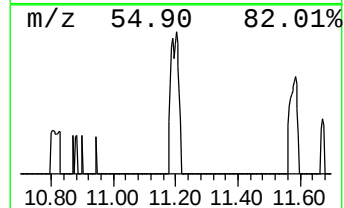
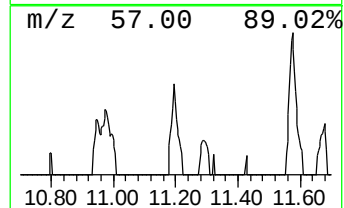
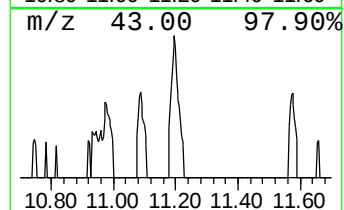
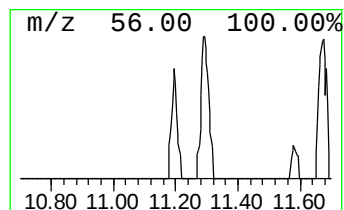
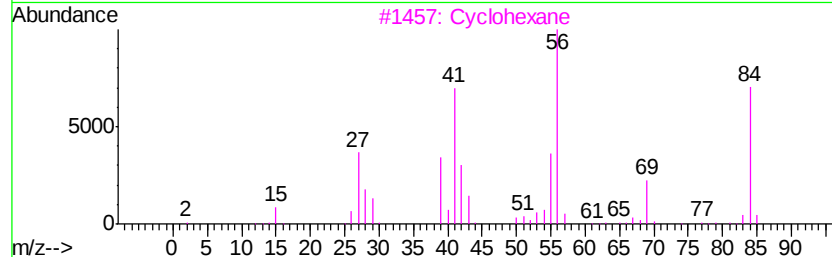
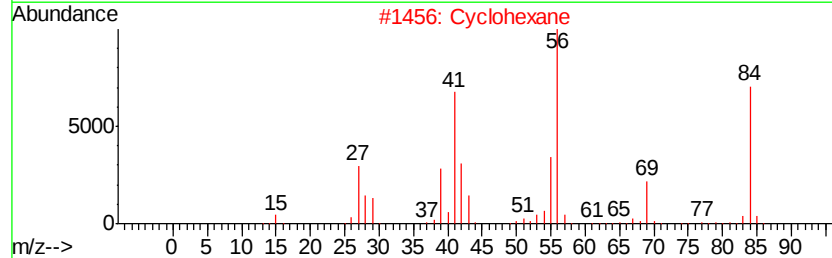
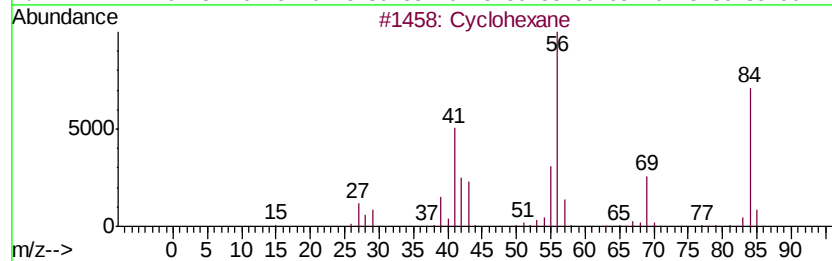
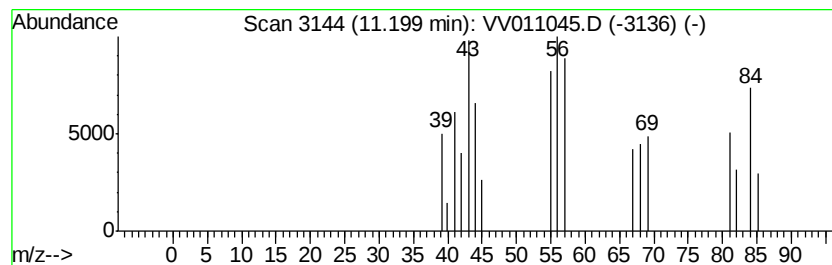
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	1.72 ug/L	7107	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	37
2		Cyclohexane	84	C6H12	000110-82-7	32
3		Cyclohexane	84	C6H12	000110-82-7	32
4		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	25
5		1,5-Pentanediol	104	C5H12O2	000111-29-5	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011045.D
Acq On : 24 May 2019 01:47
Operator : SY/MD
Sample : K3016-13
Misc : 6.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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
Sulfur dioxide	1.21	2.3	ug/L	16173	1	5.66	176293	25.0
Pentanal	6.33	4.1	ug/L	28740	1	5.66	176293	25.0
Hexanal	8.28	35.6	ug/L	273954	2	8.89	192251	25.0
Heptanal	9.85	1.3	ug/L	9695	2	8.89	192251	25.0
(DEL) Alkane: Cyc...	11.20	1.7	ug/L	7107	3	11.30	103204	25.0