

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV122018\
 Data File : VV009098.D
 Acq On : 20 Dec 2018 22:36
 Operator : SY/MD
 Sample : J6468-04RE
 Misc : 5.75 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG2RE

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\SOM2VLM120618S.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	1.315	61	70	78	rVB	160098	164473	23.72%	3.973%
2	1.579	145	152	162	rVB	84249	94816	13.68%	2.290%
3	1.643	166	172	187	rVB	44648	56701	8.18%	1.370%
4	1.820	219	227	244	rVB	93228	130527	18.83%	3.153%
5	1.917	250	257	267	rVB	31027	39839	5.75%	0.962%
6	2.042	290	296	308	rVB	23387	33864	4.88%	0.818%
7	2.129	312	323	335	rBV	164567	241713	34.86%	5.838%
8	2.319	374	382	393	rBV3	2039	3263	0.47%	0.079%
9	2.444	417	421	423	rBV3	308	296	0.04%	0.007%
10	2.791	517	529	542	rVB3	8750	16844	2.43%	0.407%
11	2.856	547	549	554	rVB	243	197	0.03%	0.005%
12	2.897	558	562	564	rBV	187	175	0.03%	0.004%
13	2.974	576	586	597	rBV6	2828	6280	0.91%	0.152%
14	3.074	605	617	632	rVB3	18708	38560	5.56%	0.931%
15	3.135	633	636	642	rBV	220	290	0.04%	0.007%
16	3.184	644	651	652	rBV3	2048	1982	0.29%	0.048%
17	3.405	710	720	731	rBV5	1530	3010	0.43%	0.073%
18	3.463	735	738	740	rBV2	413	236	0.03%	0.006%
19	3.483	740	744	745	rBV3	400	279	0.04%	0.007%
20	3.540	759	762	766	rBV2	247	252	0.04%	0.006%
21	3.627	775	789	799	rBV5	3327	7263	1.05%	0.175%
22	3.704	808	813	814	rBV2	787	596	0.09%	0.014%
23	3.810	831	846	864	rBV4	12863	31442	4.54%	0.759%
24	3.878	864	867	868	rBV	351	179	0.03%	0.004%
25	3.955	869	891	913	rBV5	28889	108163	15.60%	2.612%
26	4.322	1001	1005	1008	rBV2	273	275	0.04%	0.007%
27	4.402	1012	1030	1051	rBV2	125972	312619	45.09%	7.551%
28	4.724	1117	1130	1144	rVB5	7797	18849	2.72%	0.455%
29	4.798	1144	1153	1154	rBV4	1180	1170	0.17%	0.028%
30	4.955	1190	1202	1215	rBB5	4540	10267	1.48%	0.248%
31	5.097	1226	1246	1275	rBV2	260768	693311	100.00%	16.746%
32	5.354	1319	1326	1327	rBV2	795	750	0.11%	0.018%
33	5.537	1371	1383	1393	rBV7	3552	6962	1.00%	0.168%
34	5.666	1409	1423	1451	rBV	197418	403516	58.20%	9.746%

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35	5.798	1462	1464	1468	rBV2	481	259	0.04%	0.006%
36	5.952	1501	1512	1530	rVB7	15456	34733	5.01%	0.839%
37	6.119	1548	1564	1577	rBV	159703	329155	47.48%	7.950%
38	6.225	1595	1597	1598	rBV	530	220	0.03%	0.005%
39	6.302	1613	1621	1627	rBV2	987	1139	0.16%	0.028%
40	6.405	1646	1653	1661	rBV6	1892	3095	0.45%	0.075%
41	6.592	1708	1711	1714	rBB	371	189	0.03%	0.005%
42	6.656	1729	1731	1733	rBV	304	193	0.03%	0.005%
43	6.752	1756	1761	1763	rBB2	240	221	0.03%	0.005%
44	6.881	1798	1801	1811	rVB3	874	1041	0.15%	0.025%
45	6.965	1819	1827	1828	rBV3	866	895	0.13%	0.022%
46	7.032	1835	1848	1862	rBV	64577	112699	16.26%	2.722%
47	7.280	1918	1925	1926	rBV3	1458	1340	0.19%	0.032%
48	7.360	1938	1950	1966	rBV	236717	409223	59.02%	9.884%
49	7.614	2025	2029	2032	rVV2	412	355	0.05%	0.009%
50	7.666	2035	2045	2064	rVB	31053	54300	7.83%	1.312%
51	7.788	2081	2083	2085	rBV	302	185	0.03%	0.004%
52	7.984	2138	2144	2149	rBV3	980	1425	0.21%	0.034%
53	8.138	2181	2192	2204	rBV2	47219	93512	13.49%	2.259%
54	8.334	2243	2253	2262	rVB5	1325	2250	0.32%	0.054%
55	8.370	2262	2264	2266	rBV	266	181	0.03%	0.004%
56	8.389	2266	2270	2272	rBV2	619	409	0.06%	0.010%
57	8.466	2285	2294	2297	rBV3	779	966	0.14%	0.023%
58	8.537	2311	2316	2320	rBV	258	326	0.05%	0.008%
59	8.585	2325	2331	2333	rBV	186	241	0.03%	0.006%
60	8.640	2344	2348	2350	rBV2	396	283	0.04%	0.007%
61	8.707	2365	2369	2380	rVB3	938	1179	0.17%	0.028%
62	8.830	2403	2407	2409	rBV3	918	714	0.10%	0.017%
63	8.897	2414	2428	2449	rBV	159911	273634	39.47%	6.609%
64	9.061	2471	2479	2489	rVB2	2440	3707	0.53%	0.090%
65	9.116	2490	2496	2498	rBV	176	209	0.03%	0.005%
66	9.148	2503	2506	2508	rBV	392	209	0.03%	0.005%
67	9.180	2508	2516	2528	rBV4	3583	5491	0.79%	0.133%
68	9.328	2559	2562	2565	rBB	286	214	0.03%	0.005%
69	9.440	2593	2597	2602	rBV	203	306	0.04%	0.007%
70	9.521	2618	2622	2625	rVV3	623	501	0.07%	0.012%
71	9.592	2636	2644	2658	rBV6	2484	4614	0.67%	0.111%

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72	9.756	2690	2695	2699	rVB2	429	431	0.06%	0.010%
73	9.948	2750	2755	2757	rBV2	761	638	0.09%	0.015%
74	10.035	2779	2782	2785	rBV	182	168	0.02%	0.004%
75	10.125	2808	2810	2813	rVB2	345	183	0.03%	0.004%
76	10.170	2819	2824	2829	rVB4	414	423	0.06%	0.010%
77	10.264	2841	2853	2872	rVB	96627	154828	22.33%	3.740%
78	10.424	2892	2903	2914	rVB2	8680	14598	2.11%	0.353%
79	10.540	2935	2939	2943	rVB2	229	199	0.03%	0.005%
80	10.781	3010	3014	3015	rBV2	306	174	0.03%	0.004%
81	10.961	3065	3070	3073	rBV3	661	670	0.10%	0.016%
82	11.103	3112	3114	3117	rVB2	469	223	0.03%	0.005%
83	11.231	3149	3154	3155	rBV3	715	653	0.09%	0.016%
84	11.299	3165	3175	3192	rBV2	45347	80172	11.56%	1.936%
85	11.595	3263	3267	3271	rVB3	323	305	0.04%	0.007%
86	11.675	3281	3292	3307	rVB2	62609	105832	15.26%	2.556%
87	11.887	3350	3358	3363	rBV5	592	715	0.10%	0.017%
88	12.067	3407	3414	3420	rBV2	737	962	0.14%	0.023%
89	12.296	3478	3485	3496	rVB3	1391	2347	0.34%	0.057%
90	12.691	3604	3608	3614	rBV3	707	823	0.12%	0.020%
91	12.852	3655	3658	3661	rBV2	321	187	0.03%	0.005%
92	12.913	3674	3677	3678	rBV	368	194	0.03%	0.005%
93	13.048	3715	3719	3724	rBV2	584	643	0.09%	0.016%
94	13.318	3798	3803	3811	rVV7	1498	1695	0.24%	0.041%
95	13.456	3840	3846	3850	rBV3	421	437	0.06%	0.011%
96	13.563	3869	3879	3886	rBV2	882	1559	0.22%	0.038%
97	13.800	3947	3953	3960	rVB4	1613	1897	0.27%	0.046%
98	13.955	3999	4001	4003	rBV	417	198	0.03%	0.005%
99	14.424	4144	4147	4151	rBV2	241	255	0.04%	0.006%
100	14.669	4220	4223	4226	rBV2	366	234	0.03%	0.006%

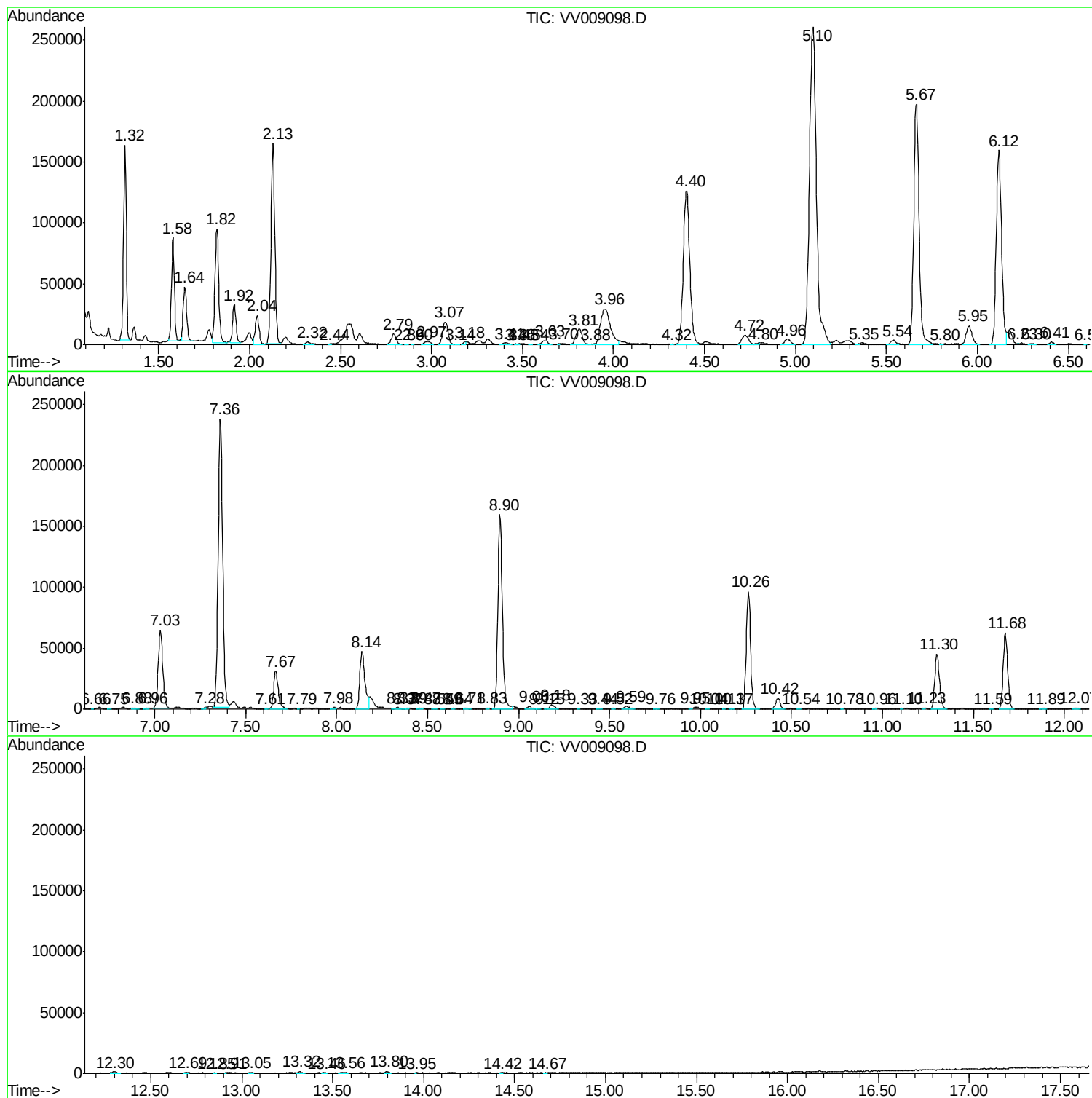
Sum of corrected areas: 4140215

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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



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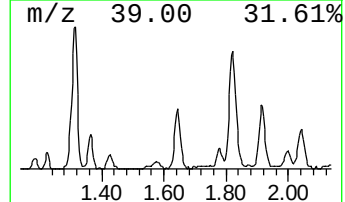
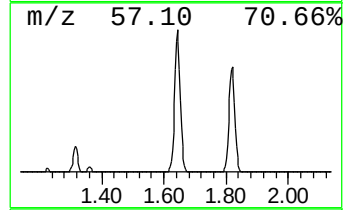
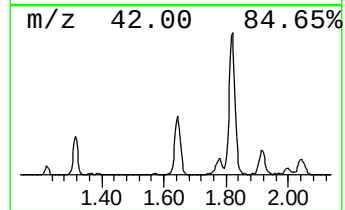
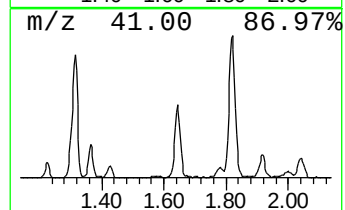
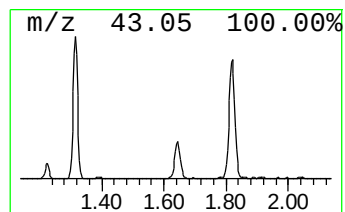
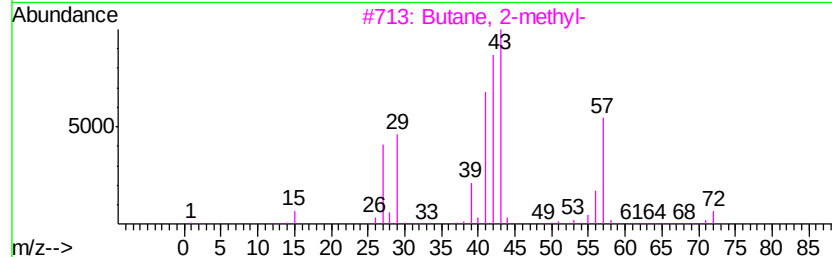
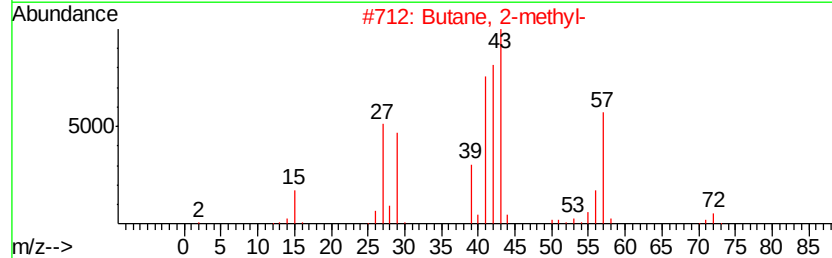
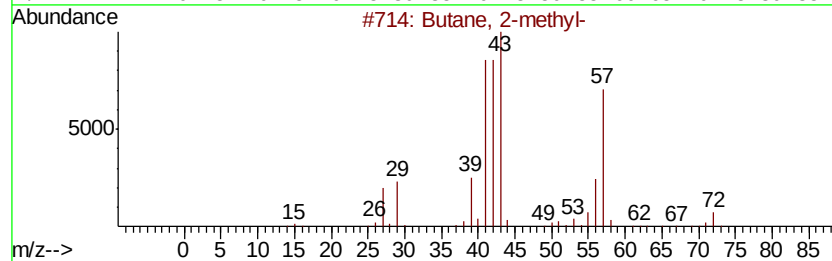
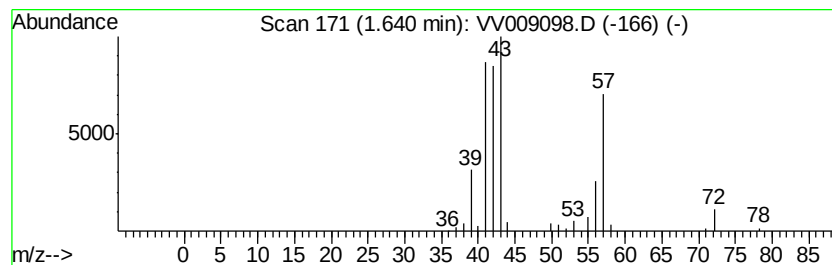
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	3.51 ug/L	56701	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	36
5		Pentane	72	C5H12	000109-66-0	33



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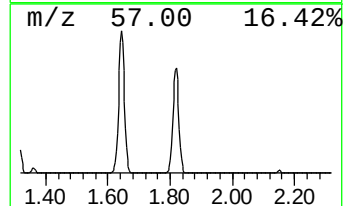
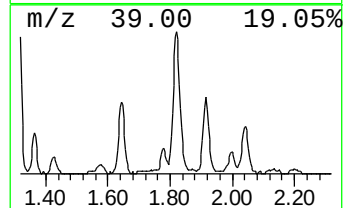
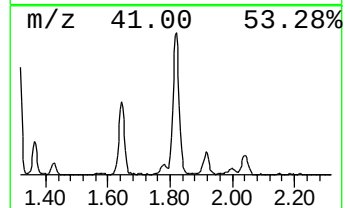
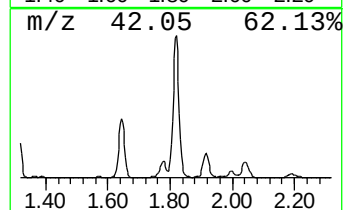
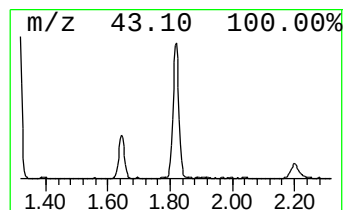
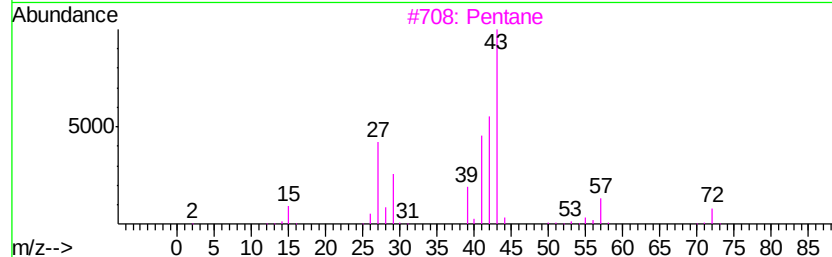
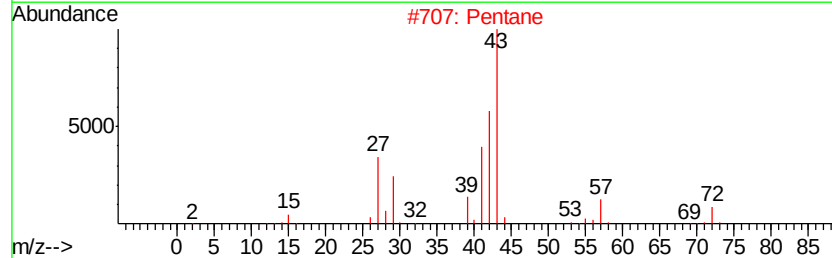
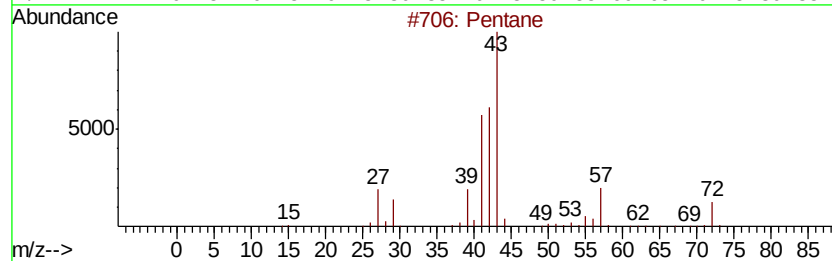
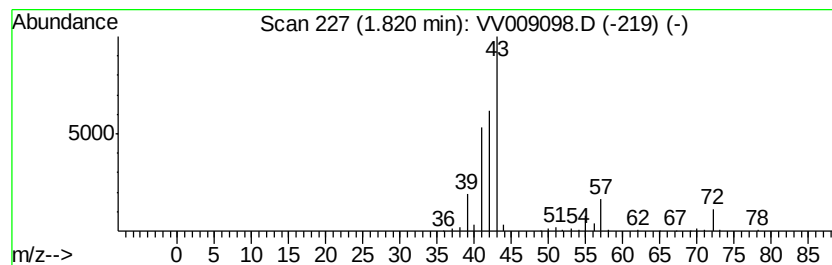
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	8.09 ug/L	130527	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	90
4		Pentane	72	C5H12	000109-66-0	78
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43



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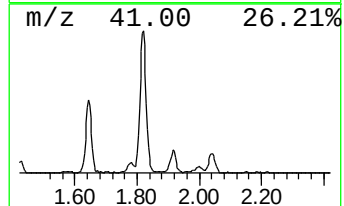
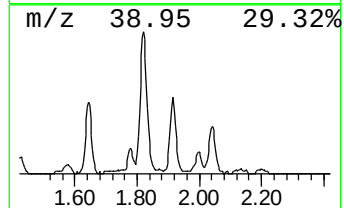
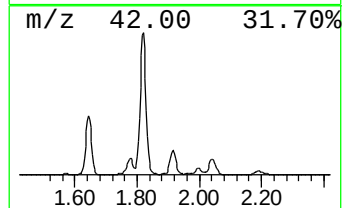
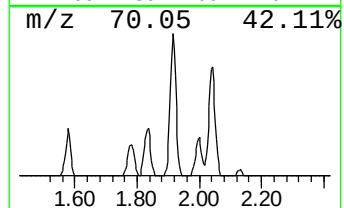
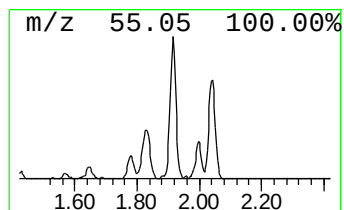
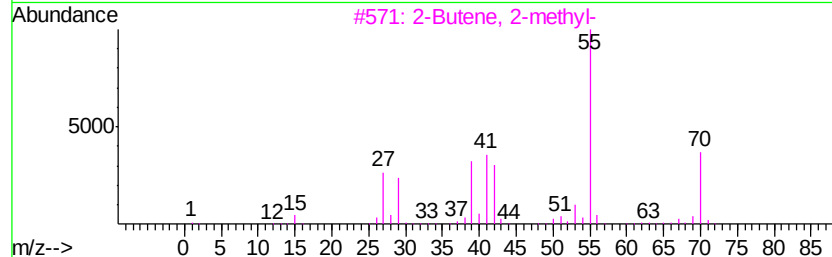
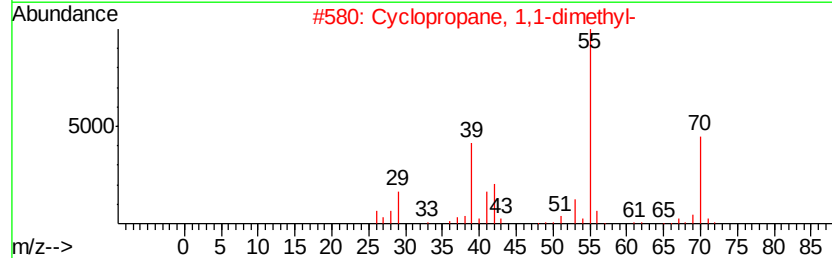
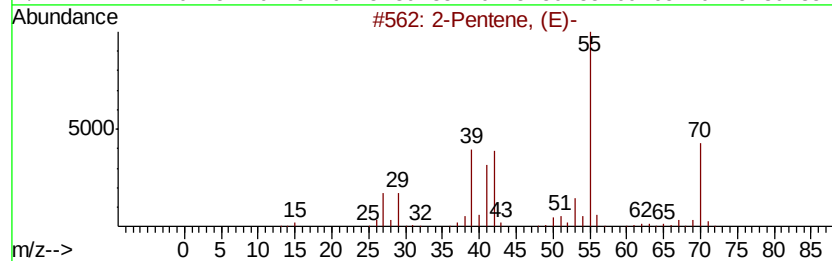
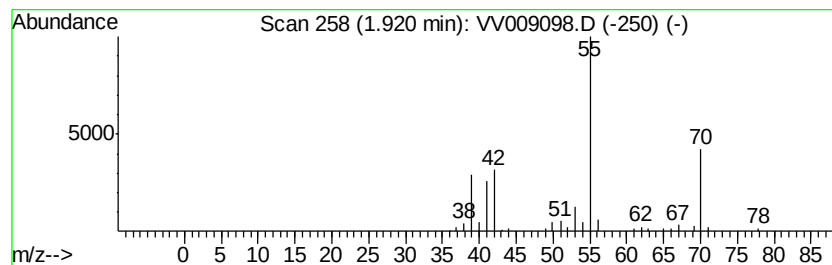
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Quant Title : VOC Analysis

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Peak Number 3 (DEL) Alkane: Cyclic1.92 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	2.47 ug/L	39839	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, (E)-	70	C5H10	000646-04-8	90
2		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4		2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5		2-Methyl-1-butene	70	C5H10	000563-46-2	86



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Operator : SY/MD
Sample : J6468-04RE
Misc : 5.75 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

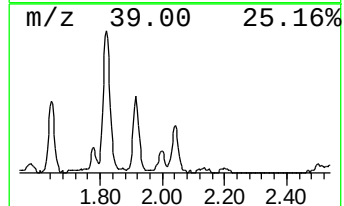
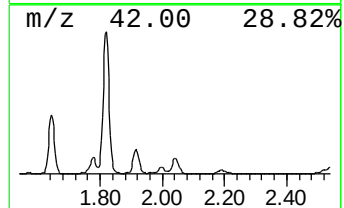
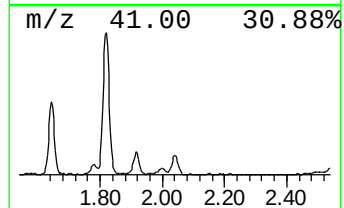
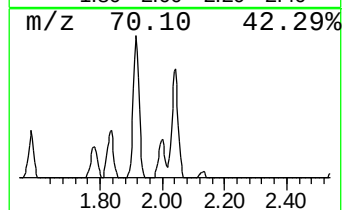
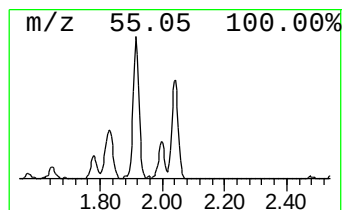
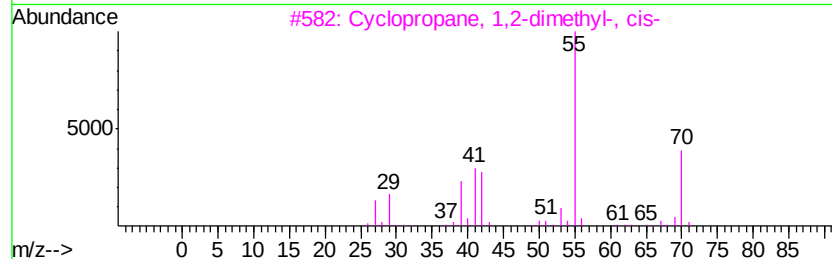
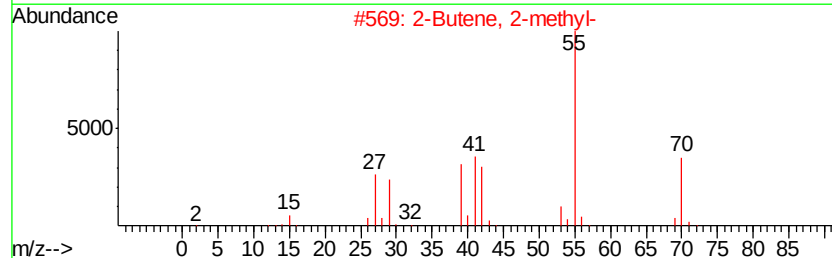
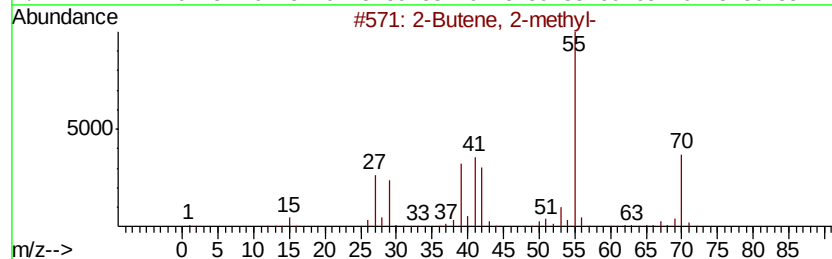
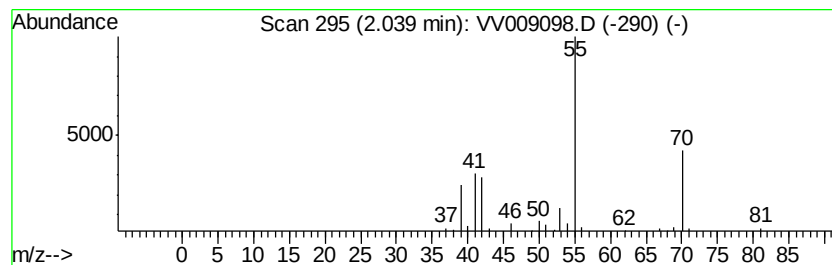
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	2.10 ug/L	33864	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
2		2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	83
4		2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5		1-Butene, 3-methyl-	70	C5H10	000563-45-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV122018\
Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04RE
Misc : 5.75 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

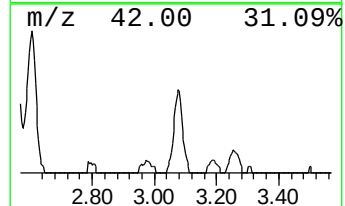
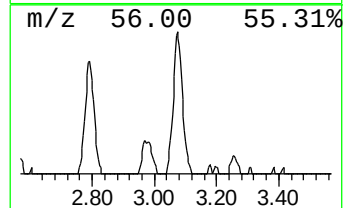
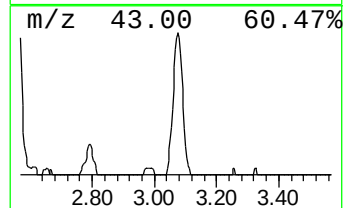
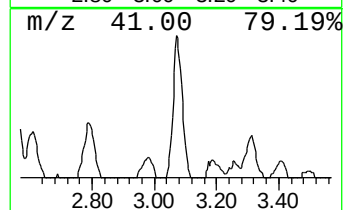
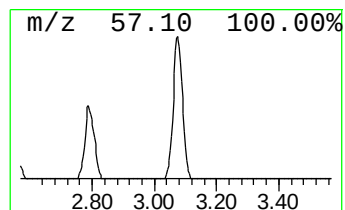
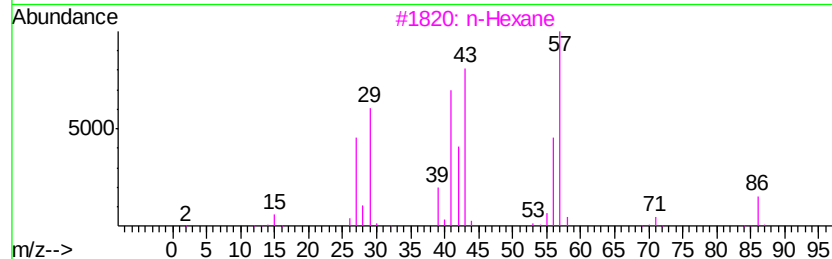
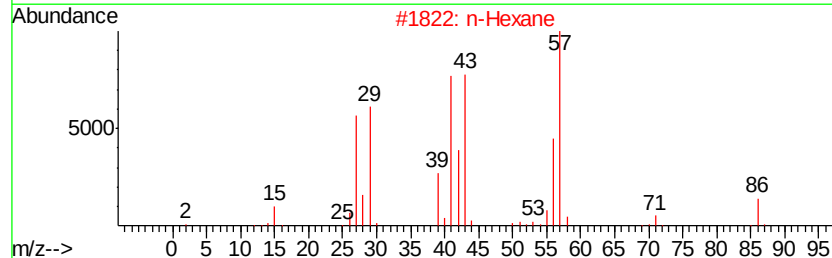
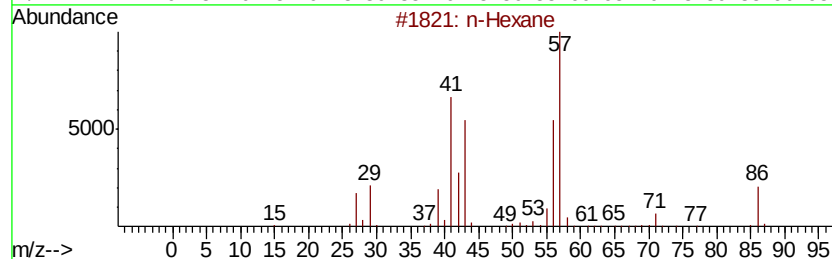
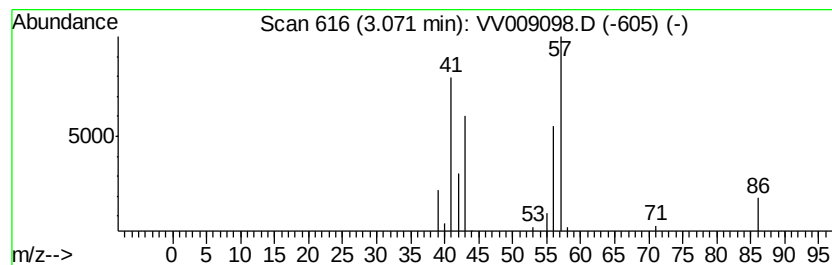
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	2.39 ug/L	38560	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	64
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV122018\
Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04RE
Misc : 5.75 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

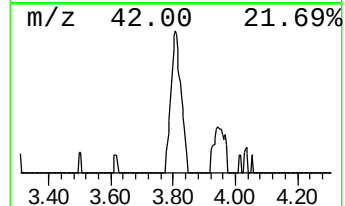
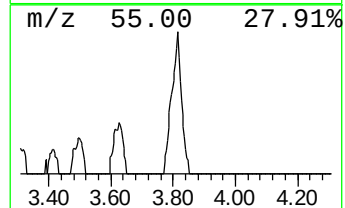
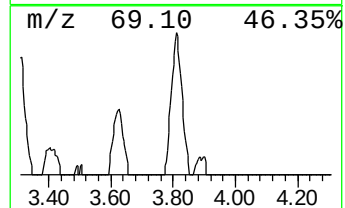
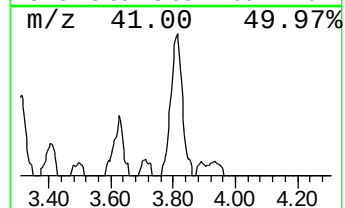
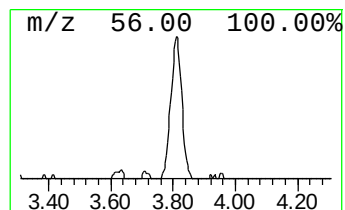
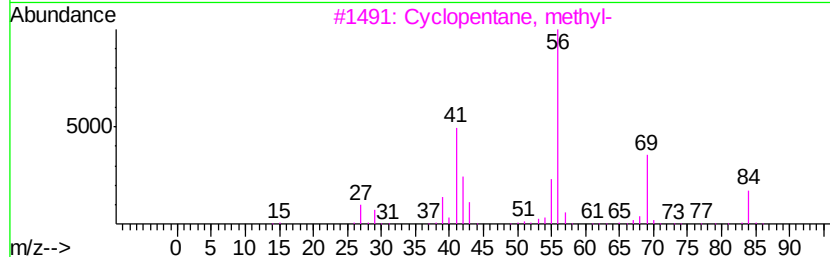
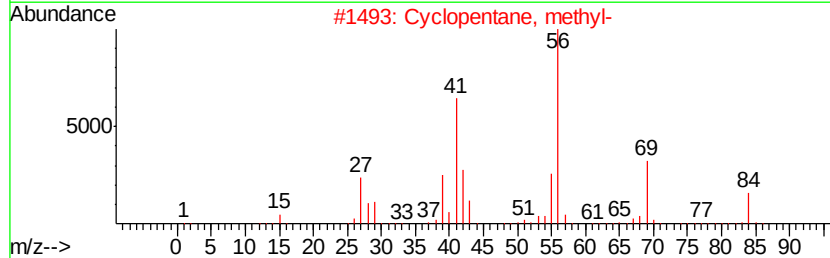
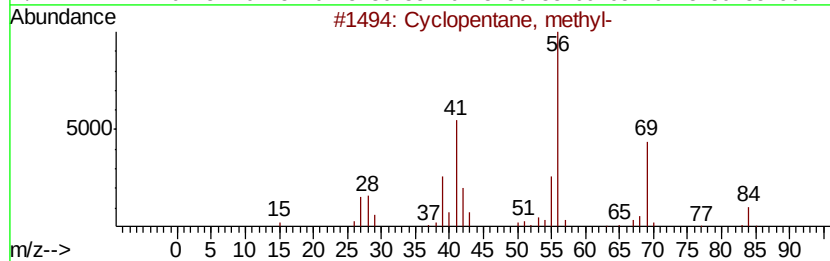
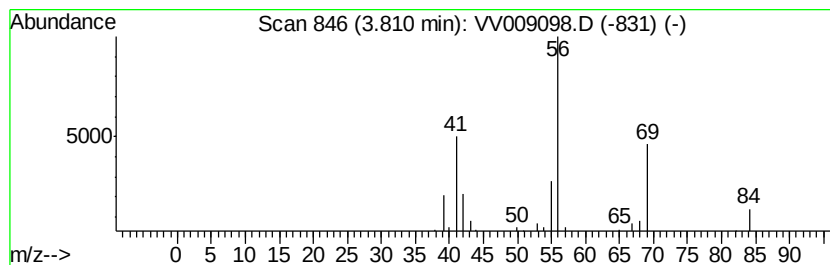
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic3.81 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	1.95 ug/L	31442	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5			Cyclobutane, ethyl-	84	C6H12	004806-61-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122018\
Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04RE
Misc : 5.75 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.64	3.5	ug/L	56701	1	5.67	403516	25.0
(DEL) Alkane: Str...	1.82	8.1	ug/L	130527	1	5.67	403516	25.0
(DEL) Alkane: Cyc...	1.92	2.5	ug/L	39839	1	5.67	403516	25.0
(DEL) Alkane: Str...	2.04	2.1	ug/L	33864	1	5.67	403516	25.0
(DEL) Alkane: Str...	3.07	2.4	ug/L	38560	1	5.67	403516	25.0
(DEL) Alkane: Cyc...	3.81	2.0	ug/L	31442	1	5.67	403516	25.0