

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011161.D
 Acq On : 31 May 2019 04:44
 Operator : SY/MD
 Sample : K3017-08
 Misc : 3.51G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E1

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	1.309	62	68	74	rVB	193867	178130	14.72%	1.805%
2	1.804	217	222	232	rVB	138878	174665	14.43%	1.770%
3	2.116	312	319	329	rVB	247957	353221	29.19%	3.580%
4	2.183	331	340	357	rVB	502580	732914	60.56%	7.429%
5	2.450	416	423	437	rVB	69090	105633	8.73%	1.071%
6	3.145	634	639	640	rBV4	1212	817	0.07%	0.008%
7	3.171	646	647	648	rBV	974	278	0.02%	0.003%
8	3.199	648	656	665	rVV8	3866	7497	0.62%	0.076%
9	3.335	695	698	700	rBV3	807	460	0.04%	0.005%
10	3.347	700	702	704	rVB3	1786	664	0.05%	0.007%
11	3.363	704	707	708	rBV3	703	471	0.04%	0.005%
12	3.421	721	725	726	rBV4	783	517	0.04%	0.005%
13	3.627	787	789	791	rVB3	1051	363	0.03%	0.004%
14	3.637	791	792	793	rVB	388	75	0.01%	0.001%
15	3.653	793	797	799	rBV5	1178	760	0.06%	0.008%
16	3.682	803	806	808	rVB4	736	384	0.03%	0.004%
17	3.695	808	810	811	rBV2	185	73	0.01%	0.001%
18	3.704	811	813	815	rBV3	370	160	0.01%	0.002%
19	3.749	815	827	841	rBV8	7415	19903	1.64%	0.202%
20	3.929	873	883	901	rBV	45885	119203	9.85%	1.208%
21	4.248	980	982	985	rBV4	958	534	0.04%	0.005%
22	4.392	1011	1027	1050	rVB	190480	461334	38.12%	4.676%
23	4.669	1111	1113	1116	rBV4	1419	671	0.06%	0.007%
24	4.743	1134	1136	1143	rVB7	1046	971	0.08%	0.010%
25	4.859	1169	1172	1177	rBV7	1254	812	0.07%	0.008%
26	4.958	1200	1203	1205	rVB4	1137	756	0.06%	0.008%
27	4.997	1213	1215	1216	rBV2	352	135	0.01%	0.001%
28	5.087	1222	1243	1269	rBV2	488107	1210164	100.00%	12.266%
29	5.367	1322	1330	1331	rBV7	7767	9197	0.76%	0.093%
30	5.524	1368	1379	1380	rBV9	8690	9672	0.80%	0.098%
31	5.656	1408	1420	1441	rVB	388189	774438	63.99%	7.849%
32	5.932	1502	1506	1507	rBV4	2011	1438	0.12%	0.015%
33	6.113	1548	1562	1578	rBV	279756	569224	47.04%	5.769%
34	6.328	1619	1629	1653	rBV2	56225	112614	9.31%	1.141%

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35	6.479	1674	1676	1677	rBV	821	311	0.03%	0.003%
36	6.572	1701	1705	1709	rBV5	1297	1197	0.10%	0.012%
37	6.617	1715	1719	1720	rBV3	822	548	0.05%	0.006%
38	6.807	1776	1778	1780	rBV2	972	655	0.05%	0.007%
39	6.836	1785	1787	1790	rBV3	881	415	0.03%	0.004%
40	6.852	1790	1792	1793	rBV2	996	363	0.03%	0.004%
41	6.865	1793	1796	1800	rVB5	1277	899	0.07%	0.009%
42	6.920	1808	1813	1815	rBV4	1029	844	0.07%	0.009%
43	6.958	1823	1825	1828	rBV3	913	491	0.04%	0.005%
44	7.026	1836	1846	1864	rVB	148444	259876	21.47%	2.634%
45	7.354	1931	1948	1962	rBV	547436	1009040	83.38%	10.227%
46	7.569	2013	2015	2018	rBV3	1724	873	0.07%	0.009%
47	7.659	2034	2043	2061	rVB	92646	155723	12.87%	1.578%
48	7.865	2106	2107	2109	rBV2	808	406	0.03%	0.004%
49	7.968	2130	2139	2154	rBV5	17497	42849	3.54%	0.434%
50	8.129	2178	2189	2217	rBV	181839	341985	28.26%	3.466%
51	8.280	2226	2236	2266	rVB	437328	705289	58.28%	7.149%
52	8.704	2366	2368	2370	rBV3	816	481	0.04%	0.005%
53	8.894	2416	2427	2447	rBV	480898	784167	64.80%	7.948%
54	9.035	2469	2471	2472	rBV2	1183	463	0.04%	0.005%
55	9.083	2484	2486	2488	rBV3	1338	887	0.07%	0.009%
56	9.177	2508	2515	2520	rBV8	4293	7073	0.58%	0.072%
57	9.521	2611	2622	2643	rBV2	69426	168983	13.96%	1.713%
58	9.849	2718	2724	2741	rVB3	29969	46794	3.87%	0.474%
59	9.948	2745	2755	2768	rBV	71955	116922	9.66%	1.185%
60	10.186	2819	2829	2833	rBV6	23392	38998	3.22%	0.395%
61	11.235	3148	3155	3163	rVB	229945	318824	26.35%	3.231%
62	11.292	3164	3173	3191	rVB3	315215	538902	44.53%	5.462%
63	11.672	3280	3291	3303	rBV	203732	336113	27.77%	3.407%
64	11.829	3334	3340	3348	rBV4	9700	12770	1.06%	0.129%
65	12.054	3402	3410	3423	rBV7	16683	31442	2.60%	0.319%
66	12.292	3478	3484	3497	rVB2	9349	17073	1.41%	0.173%
67	12.778	3627	3635	3647	rVB2	34503	57052	4.71%	0.578%
68	12.964	3692	3693	3695	rBV2	1128	462	0.04%	0.005%
69	13.083	3727	3730	3732	rBV3	1081	737	0.06%	0.007%
70	13.980	4007	4009	4012	rBV3	1026	861	0.07%	0.009%
71	14.006	4015	4017	4019	rVV3	1142	573	0.05%	0.006%

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72	14.177	4067	4070	4072	rBV4	1679	1065	0.09%	0.011%
73	14.315	4111	4113	4115	rBV3	986	586	0.05%	0.006%
74	14.386	4125	4135	4143	rBV10	6008	11194	0.92%	0.113%
75	14.466	4158	4160	4162	rBV3	1344	677	0.06%	0.007%
76	14.646	4213	4216	4220	rBV5	1177	1064	0.09%	0.011%
77	14.746	4245	4247	4248	rBV2	1274	532	0.04%	0.005%
78	15.013	4328	4330	4331	rBV2	799	228	0.02%	0.002%
79	15.115	4359	4362	4365	rBV3	1023	693	0.06%	0.007%
80	15.578	4504	4506	4509	rBV4	1193	673	0.06%	0.007%

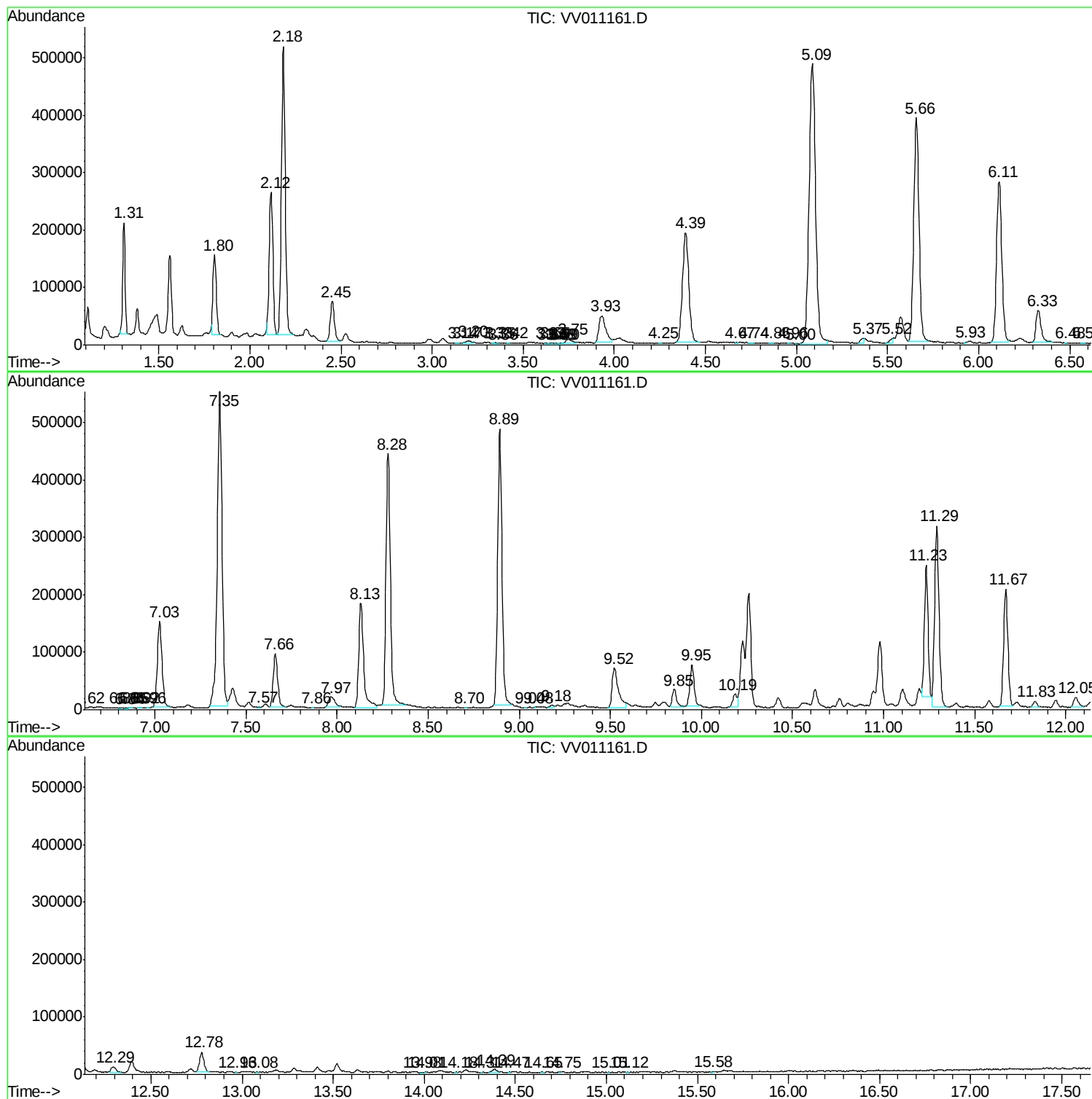
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
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Instrument :
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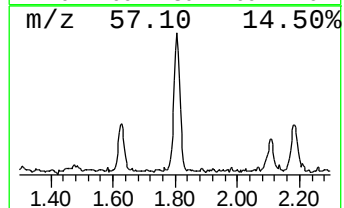
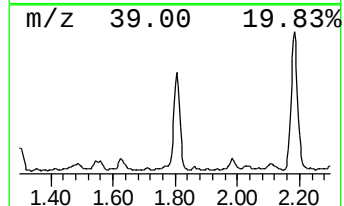
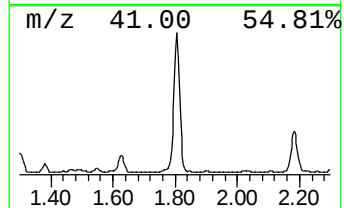
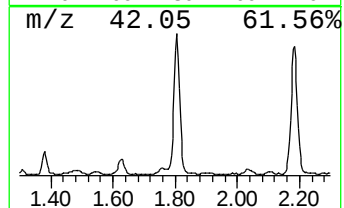
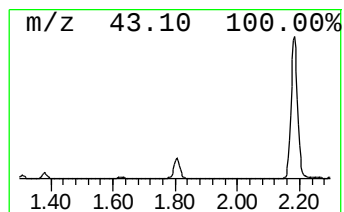
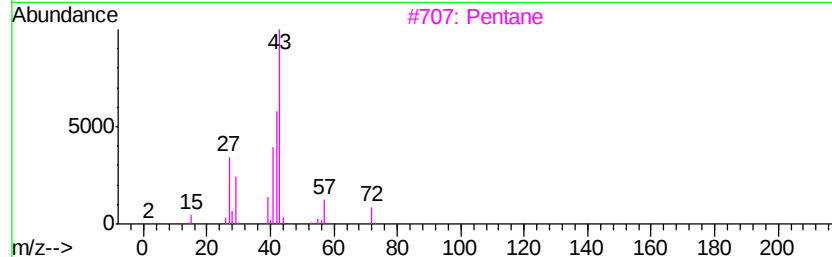
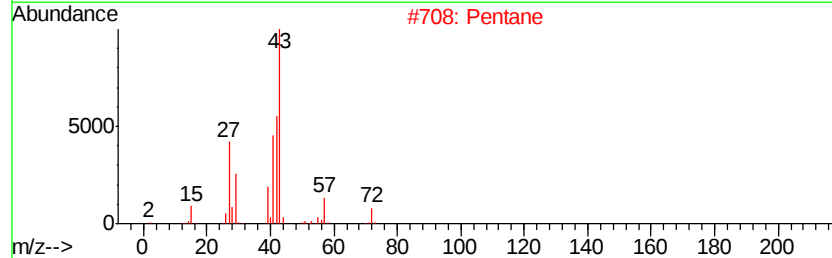
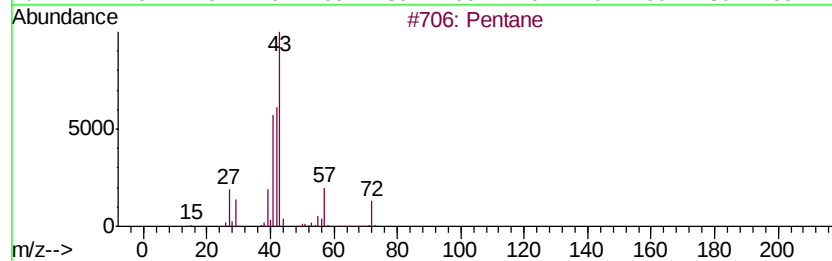
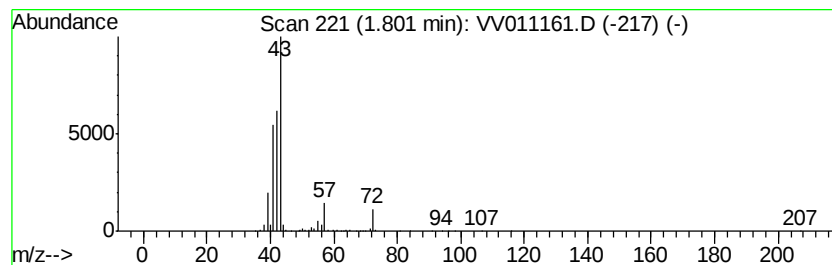
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	5.64 ug/L	174665	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	72
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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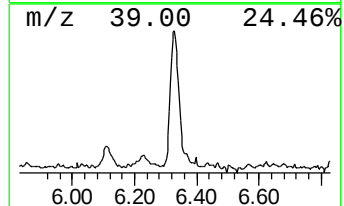
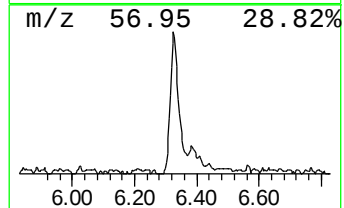
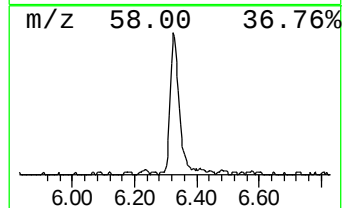
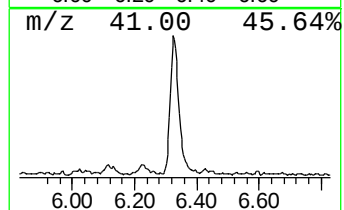
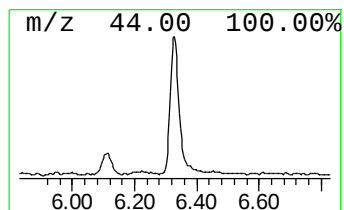
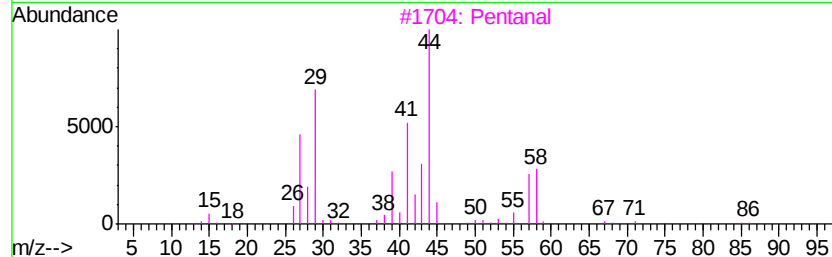
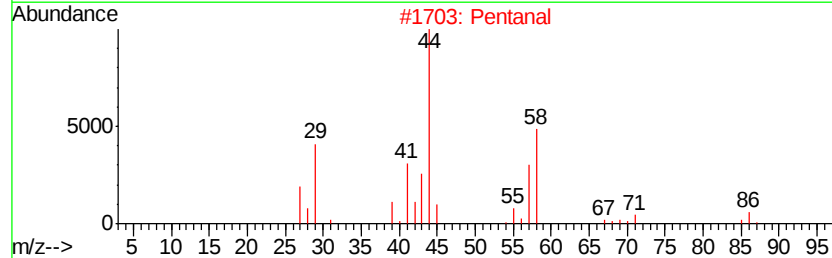
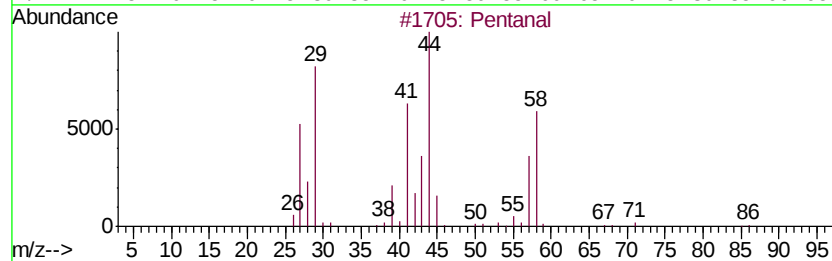
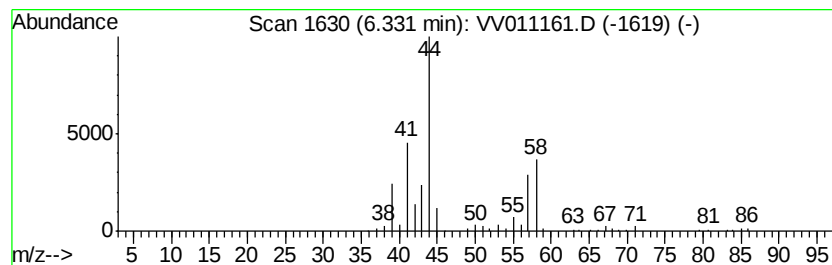
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.64 ug/L	112614	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	64
2		Pentanal	86	C5H10O	000110-62-3	64
3		Pentanal	86	C5H10O	000110-62-3	64
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	50
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	43



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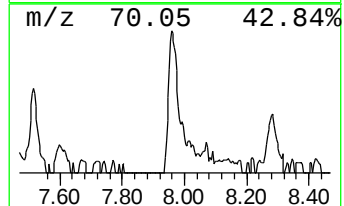
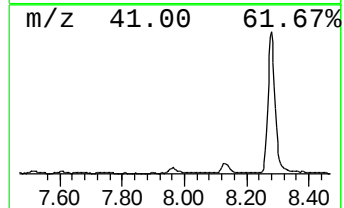
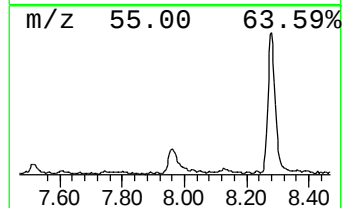
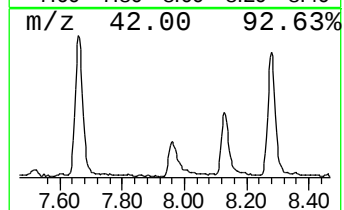
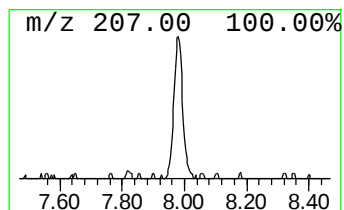
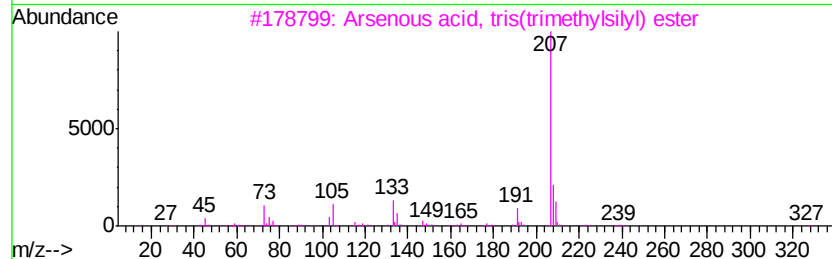
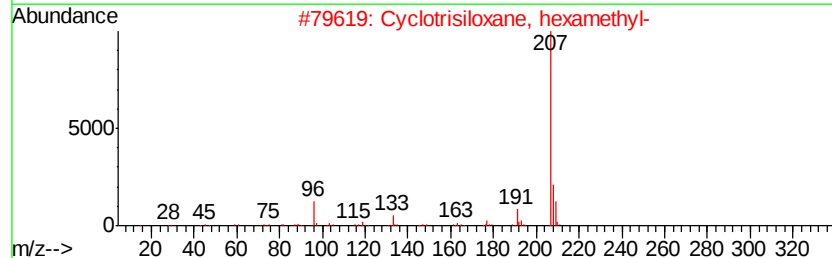
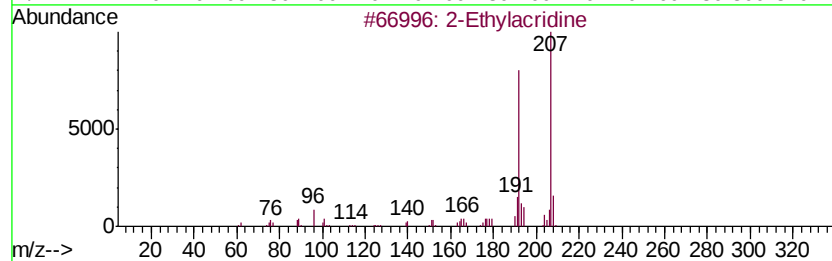
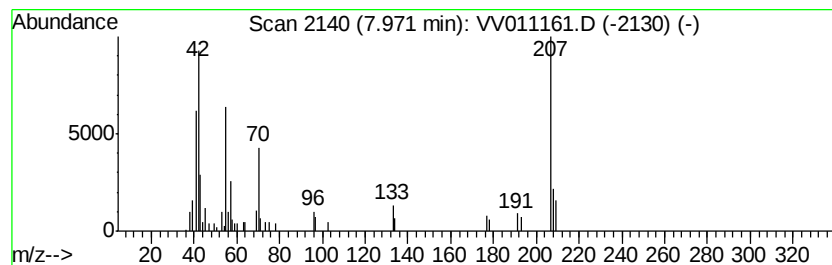
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	1.37 ug/L	42849	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethylacridine	207	C15H13N	055751-83-2	47
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	42
3		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	40
4		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	35
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	35



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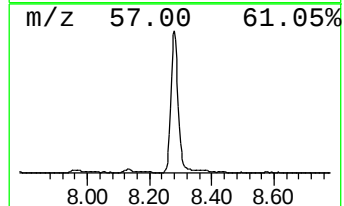
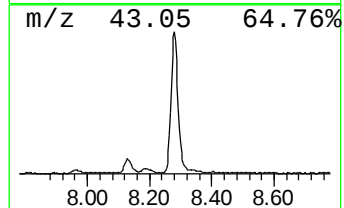
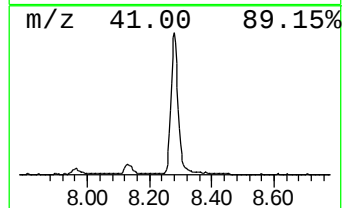
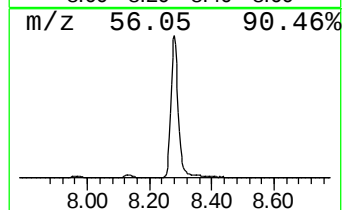
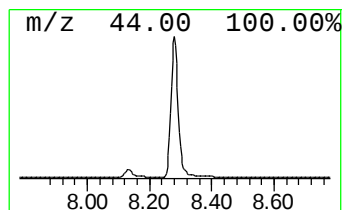
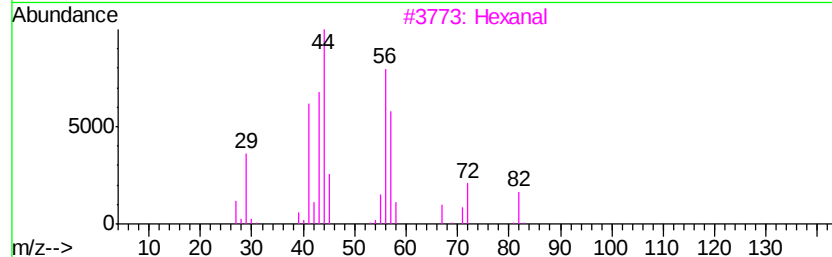
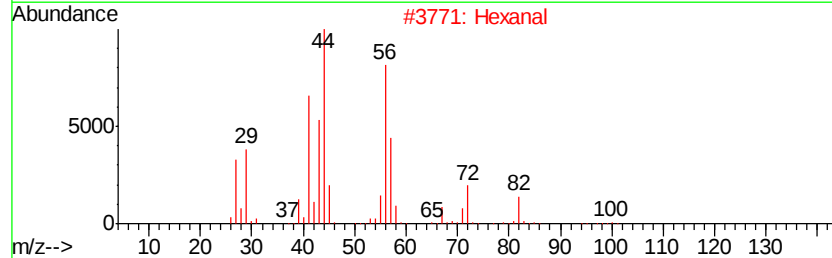
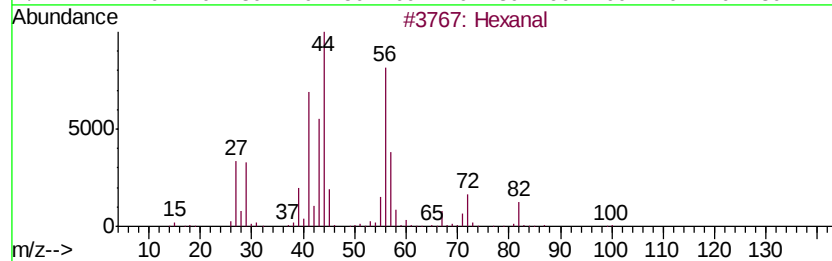
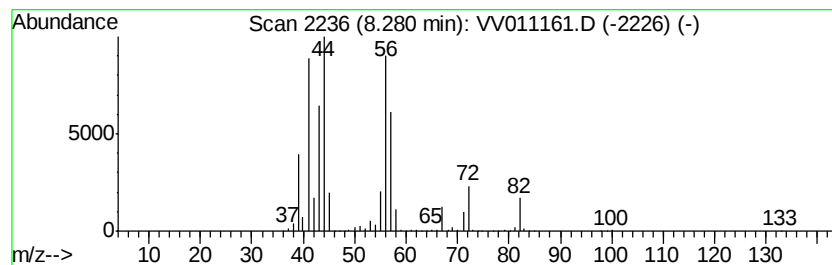
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Quant Title : VOC Analysis

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	22.49 ug/L	705289	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	87
2	Hexanal		100	C6H12O	000066-25-1	80
3	Hexanal		100	C6H12O	000066-25-1	80
4	Hexanal		100	C6H12O	000066-25-1	80
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011161.D
Acq On : 31 May 2019 04:44
Operator : SY/MD
Sample : K3017-08
Misc : 3.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

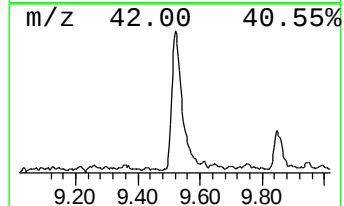
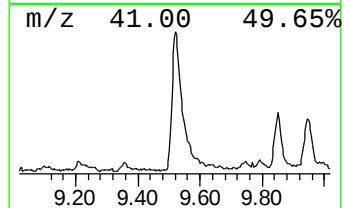
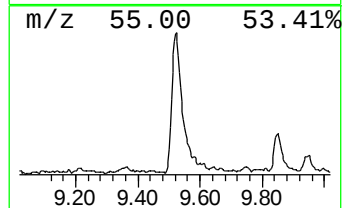
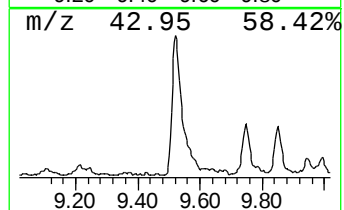
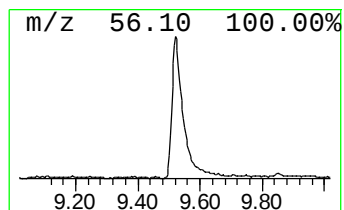
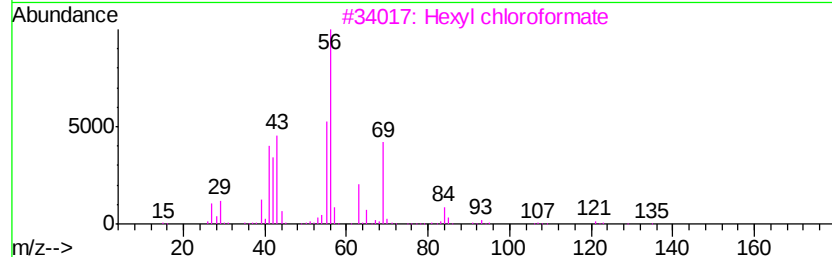
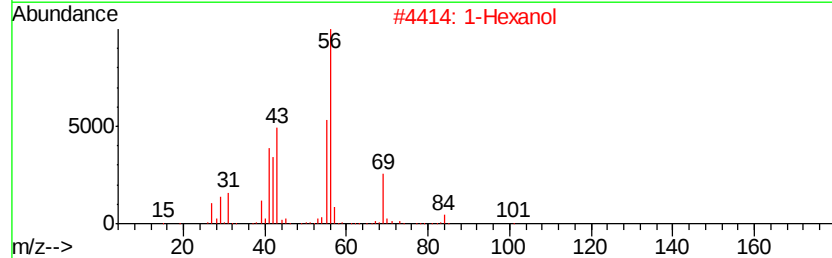
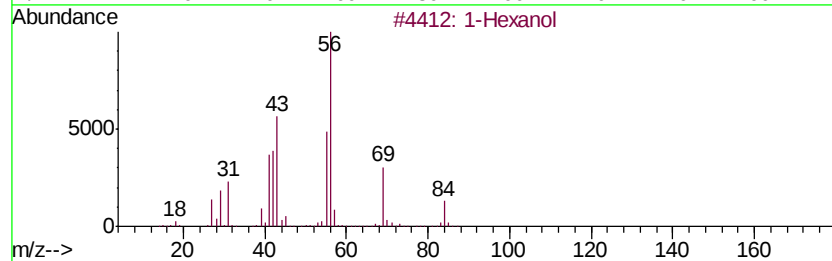
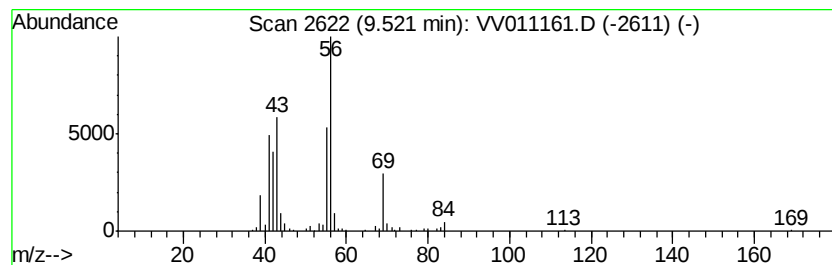
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Quant Title : VOC Analysis

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

Peak Number 6 1-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.39 ug/L	168983	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol	102	C6H14O	000111-27-3	83
2		1-Hexanol	102	C6H14O	000111-27-3	83
3		Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
4		1-Hexanol	102	C6H14O	000111-27-3	78
5		Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011161.D
Acq On : 31 May 2019 04:44
Operator : SY/MD
Sample : K3017-08
Misc : 3.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

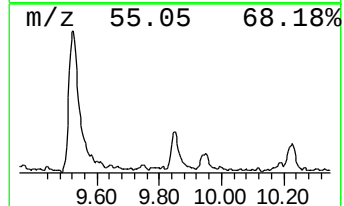
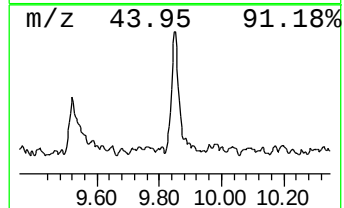
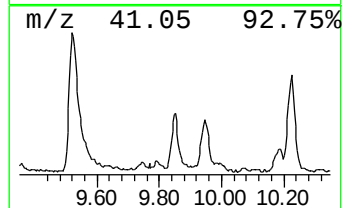
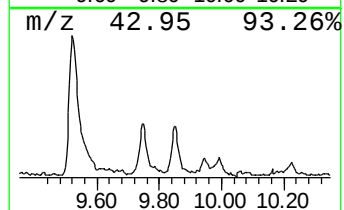
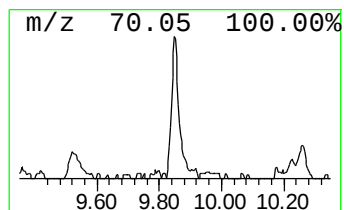
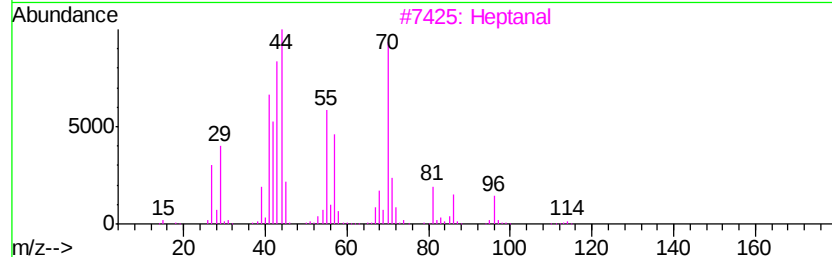
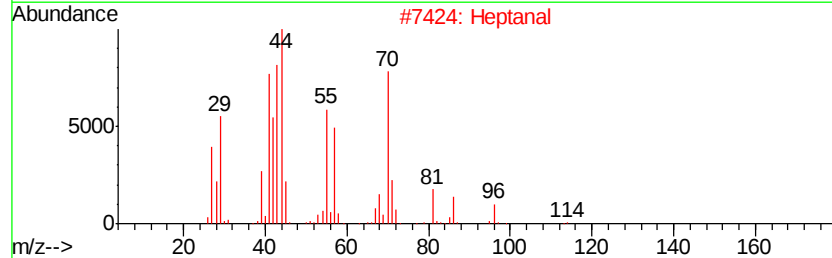
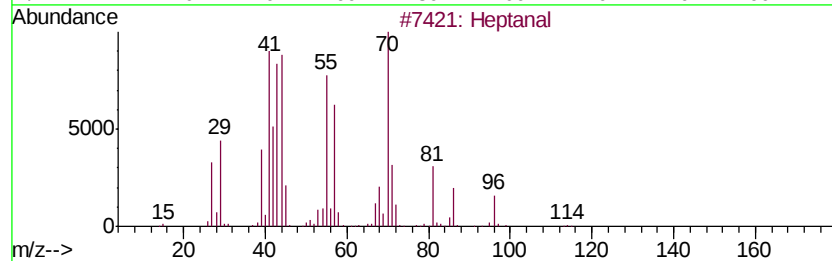
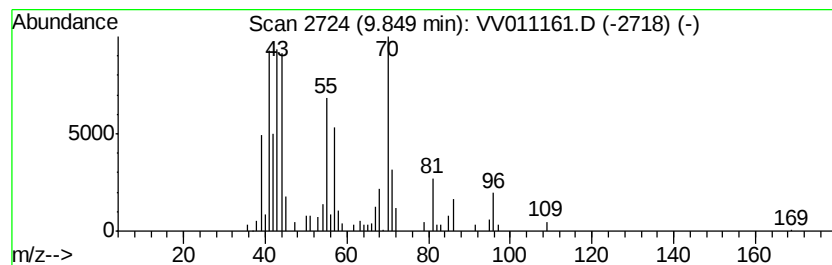
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Quant Title : VOC Analysis

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

Peak Number 7 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	1.49 ug/L	46794	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	91
2	Heptanal		114	C7H14O	000111-71-7	72
3	Heptanal		114	C7H14O	000111-71-7	64
4	Heptanal		114	C7H14O	000111-71-7	47
5	Heptanal		114	C7H14O	000111-71-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011161.D
Acq On : 31 May 2019 04:44
Operator : SY/MD
Sample : K3017-08
Misc : 3.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

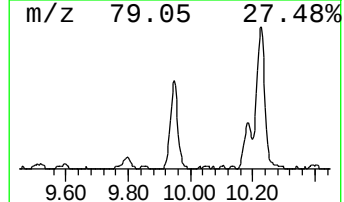
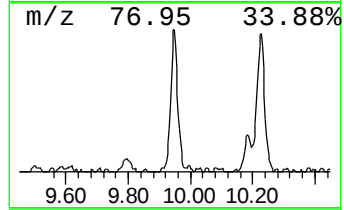
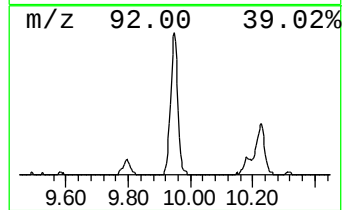
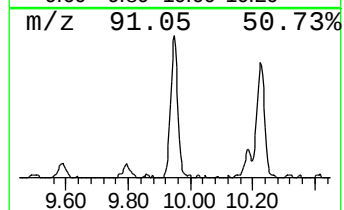
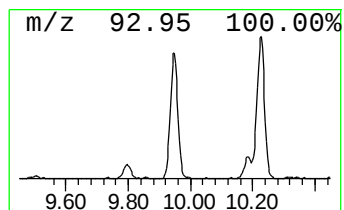
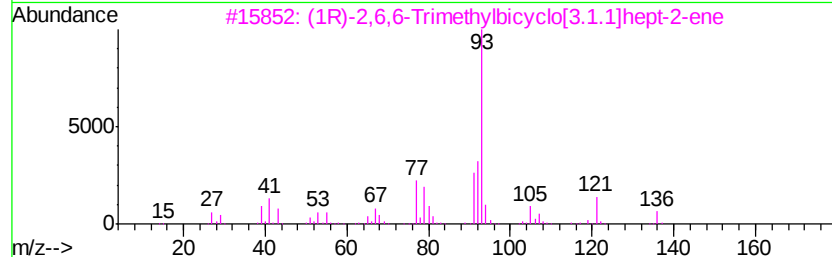
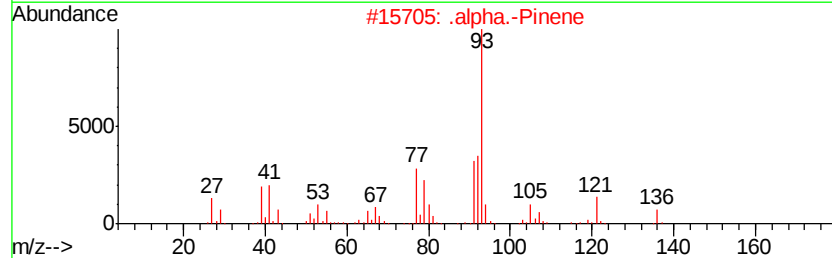
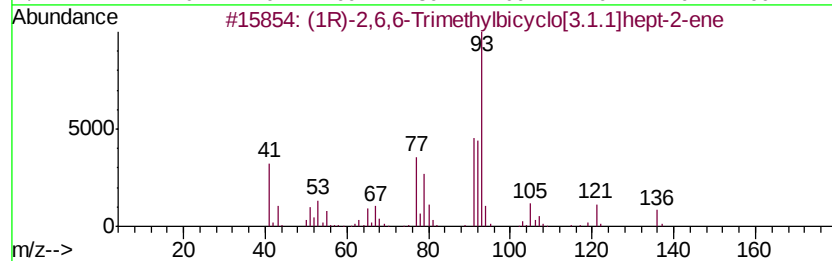
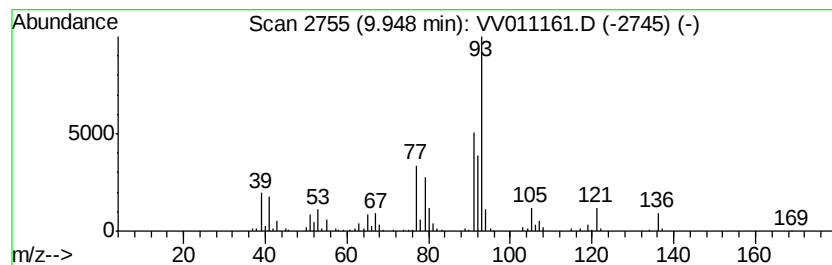
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Quant Title : VOC Analysis

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

Peak Number 8 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.73 ug/L	116922	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	96
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4		.alpha.-Pinene	136	C10H16	000080-56-8	95
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011161.D
Acq On : 31 May 2019 04:44
Operator : SY/MD
Sample : K3017-08
Misc : 3.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E1

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
(DEL) Alkane: Str...	1.80	5.6	ug/L	174665	1	5.66	774438	25.0
Pentanal	6.33	3.6	ug/L	112614	1	5.66	774438	25.0
unknown-01	7.97	1.4	ug/L	42849	2	8.89	784167	25.0
Hexanal	8.28	22.5	ug/L	705289	2	8.89	784167	25.0
1-Hexanol	9.52	5.4	ug/L	168983	2	8.89	784167	25.0
Heptanal	9.85	1.5	ug/L	46794	2	8.89	784167	25.0
(1R)-2,6,6-Trimet...	9.95	3.7	ug/L	116922	2	8.89	784167	25.0