

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016750.D
 Acq On : 10 Jun 2020 05:06
 Operator : SY/MD
 Sample : L2914-11 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E14

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\SOMVLM060820WMA.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	1.312	61	69	78	rBV	223782	236693	20.08%	1.923%
2	1.364	80	85	94	rVB	34275	34170	2.90%	0.278%
3	1.421	98	103	109	rVB	26965	23767	2.02%	0.193%
4	1.556	139	145	159	rVB	109179	137314	11.65%	1.116%
5	1.624	160	166	177	rVB2	31882	42633	3.62%	0.346%
6	1.807	218	223	233	rVB2	33233	44829	3.80%	0.364%
7	1.904	248	253	264	rVB	39645	49768	4.22%	0.404%
8	2.029	286	292	300	rVB	25837	33909	2.88%	0.276%
9	2.116	309	319	333	rBV	244085	361840	30.70%	2.940%
10	2.347	389	391	394	rBV3	1153	603	0.05%	0.005%
11	2.894	558	561	564	rBV4	1769	1420	0.12%	0.012%
12	2.952	572	579	581	rBV7	2555	2912	0.25%	0.024%
13	3.132	632	635	637	rBV4	1090	754	0.06%	0.006%
14	3.335	696	698	703	rVB5	1010	767	0.07%	0.006%
15	3.373	704	710	712	rBV6	1958	2045	0.17%	0.017%
16	3.418	721	724	725	rBV	958	670	0.06%	0.005%
17	3.454	725	735	746	rVV4	8789	21410	1.82%	0.174%
18	3.675	799	804	808	rVB9	1224	847	0.07%	0.007%
19	3.695	808	810	813	rVB4	1581	794	0.07%	0.006%
20	3.717	813	817	821	rBV6	1224	1152	0.10%	0.009%
21	3.785	823	838	851	rBV6	11159	31638	2.68%	0.257%
22	3.894	861	872	898	rBV	119628	324063	27.49%	2.633%
23	4.116	939	941	943	rBV3	1526	693	0.06%	0.006%
24	4.190	960	964	967	rBV5	1886	1595	0.14%	0.013%
25	4.235	975	978	981	rBV3	1620	1361	0.12%	0.011%
26	4.373	1005	1021	1045	rBV	225866	553993	47.00%	4.501%
27	4.553	1073	1077	1079	rBV5	1499	1139	0.10%	0.009%
28	4.650	1103	1107	1108	rBV4	1208	782	0.07%	0.006%
29	4.881	1176	1179	1183	rBV4	937	812	0.07%	0.007%
30	4.955	1198	1202	1205	rVB5	983	817	0.07%	0.007%
31	5.071	1220	1238	1242	rBV2	542629	1178711	100.00%	9.577%
32	5.640	1402	1415	1439	rBV	429286	850924	72.19%	6.914%
33	5.868	1483	1486	1490	rBV5	1948	1213	0.10%	0.010%
34	6.093	1542	1556	1572	rBV	311075	623660	52.91%	5.067%

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 Title : VOC Analysis

35	6.479	1672	1676	1677	rBV2	1069	702	0.06%	0.006%
36	6.704	1744	1746	1748	rBV2	1379	708	0.06%	0.006%
37	6.807	1776	1778	1780	rBV3	1983	1107	0.09%	0.009%
38	6.884	1800	1802	1803	rBV2	1171	642	0.05%	0.005%
39	7.006	1830	1840	1856	rVV	165248	294052	24.95%	2.389%
40	7.338	1931	1943	1955	rBV	622673	1052909	89.33%	8.555%
41	7.408	1956	1965	1984	rVB	483889	826131	70.09%	6.712%
42	7.643	2028	2038	2054	rBV2	120874	201387	17.09%	1.636%
43	7.855	2102	2104	2108	rBV4	1216	1125	0.10%	0.009%
44	7.958	2133	2136	2138	rBV3	1294	889	0.08%	0.007%
45	8.016	2151	2154	2157	rBV5	1959	1598	0.14%	0.013%
46	8.106	2172	2182	2214	rBV	395808	747967	63.46%	6.077%
47	8.511	2304	2308	2312	rBV7	1793	1585	0.13%	0.013%
48	8.550	2315	2320	2323	rBV6	1020	963	0.08%	0.008%
49	8.592	2331	2333	2335	rBV3	1412	848	0.07%	0.007%
50	8.656	2349	2353	2357	rVB7	1207	1008	0.09%	0.008%
51	8.672	2357	2358	2362	rBV5	1299	1039	0.09%	0.008%
52	8.727	2373	2375	2378	rVB4	1165	600	0.05%	0.005%
53	8.875	2408	2421	2432	rBV	633219	1035361	87.84%	8.412%
54	9.035	2460	2471	2486	rBV	298554	477015	40.47%	3.876%
55	9.405	2580	2586	2596	rBV8	9402	14783	1.25%	0.120%
56	9.566	2629	2636	2656	rVB3	43365	74456	6.32%	0.605%
57	9.743	2685	2691	2692	rBV6	3693	3382	0.29%	0.027%
58	10.058	2786	2789	2794	rBV6	1178	1006	0.09%	0.008%
59	10.103	2794	2803	2812	rVV6	6011	11423	0.97%	0.093%
60	10.190	2827	2830	2833	rVV5	1202	990	0.08%	0.008%
61	10.238	2834	2845	2861	rVV	440711	685171	58.13%	5.567%
62	10.608	2958	2960	2961	rBV2	1567	719	0.06%	0.006%
63	10.665	2972	2978	2980	rBV5	2412	2085	0.18%	0.017%
64	10.714	2991	2993	2995	rBV3	1770	847	0.07%	0.007%
65	10.939	3056	3063	3073	rVB2	15641	24061	2.04%	0.195%
66	11.112	3112	3117	3119	rBV4	2144	2030	0.17%	0.016%
67	11.270	3155	3166	3184	rBV	688168	1056467	89.63%	8.584%
68	11.553	3243	3254	3263	rBV2	10375	18891	1.60%	0.153%
69	11.646	3272	3283	3304	rVB	718565	1119601	94.99%	9.097%
70	12.138	3429	3436	3444	rBV	4065	6494	0.55%	0.053%
71	12.206	3453	3457	3464	rBV7	1992	1968	0.17%	0.016%

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72	12.270	3474	3477	3479	rBV3	1173	599	0.05%	0.005%
73	12.305	3484	3488	3489	rBV4	1918	1412	0.12%	0.011%
74	12.614	3580	3584	3586	rBV4	1592	1101	0.09%	0.009%
75	12.675	3597	3603	3605	rBV4	2505	2332	0.20%	0.019%
76	12.746	3621	3625	3630	rVB8	1627	1682	0.14%	0.014%
77	12.913	3670	3677	3686	rVB8	4349	7257	0.62%	0.059%
78	12.968	3692	3694	3698	rBV4	1487	1230	0.10%	0.010%
79	13.167	3753	3756	3761	rVB7	1764	1359	0.12%	0.011%
80	13.202	3764	3767	3771	rBV4	1296	1152	0.10%	0.009%
81	13.225	3771	3774	3776	rBV3	863	705	0.06%	0.006%
82	13.308	3798	3800	3803	rVB3	2118	1124	0.10%	0.009%
83	13.328	3803	3806	3808	rBV4	1366	765	0.06%	0.006%
84	13.530	3860	3869	3883	rVB2	14182	25968	2.20%	0.211%
85	13.759	3937	3940	3941	rBV3	1148	672	0.06%	0.005%
86	13.865	3968	3973	3974	rBV4	1327	1079	0.09%	0.009%
87	13.968	4003	4005	4007	rBV3	1415	880	0.07%	0.007%
88	13.993	4010	4013	4017	rVV4	1316	962	0.08%	0.008%
89	14.064	4031	4035	4037	rBV5	1771	1320	0.11%	0.011%
90	14.106	4045	4048	4051	rVB4	905	640	0.05%	0.005%
91	14.135	4051	4057	4059	rBV5	1550	1697	0.14%	0.014%
92	14.379	4127	4133	4137	rBV7	2419	2762	0.23%	0.022%
93	14.505	4169	4172	4174	rBV4	1274	792	0.07%	0.006%
94	14.550	4183	4186	4187	rBV3	1203	696	0.06%	0.006%
95	14.726	4237	4241	4244	rBV5	1048	1089	0.09%	0.009%
96	15.135	4363	4368	4370	rBV3	1767	1332	0.11%	0.011%
97	15.154	4370	4374	4376	rBV3	1636	1139	0.10%	0.009%
98	15.247	4399	4403	4405	rBV5	1648	1210	0.10%	0.010%
99	15.299	4416	4419	4424	rBV7	1983	1945	0.17%	0.016%
100	15.691	4537	4541	4542	rBV4	1340	961	0.08%	0.008%

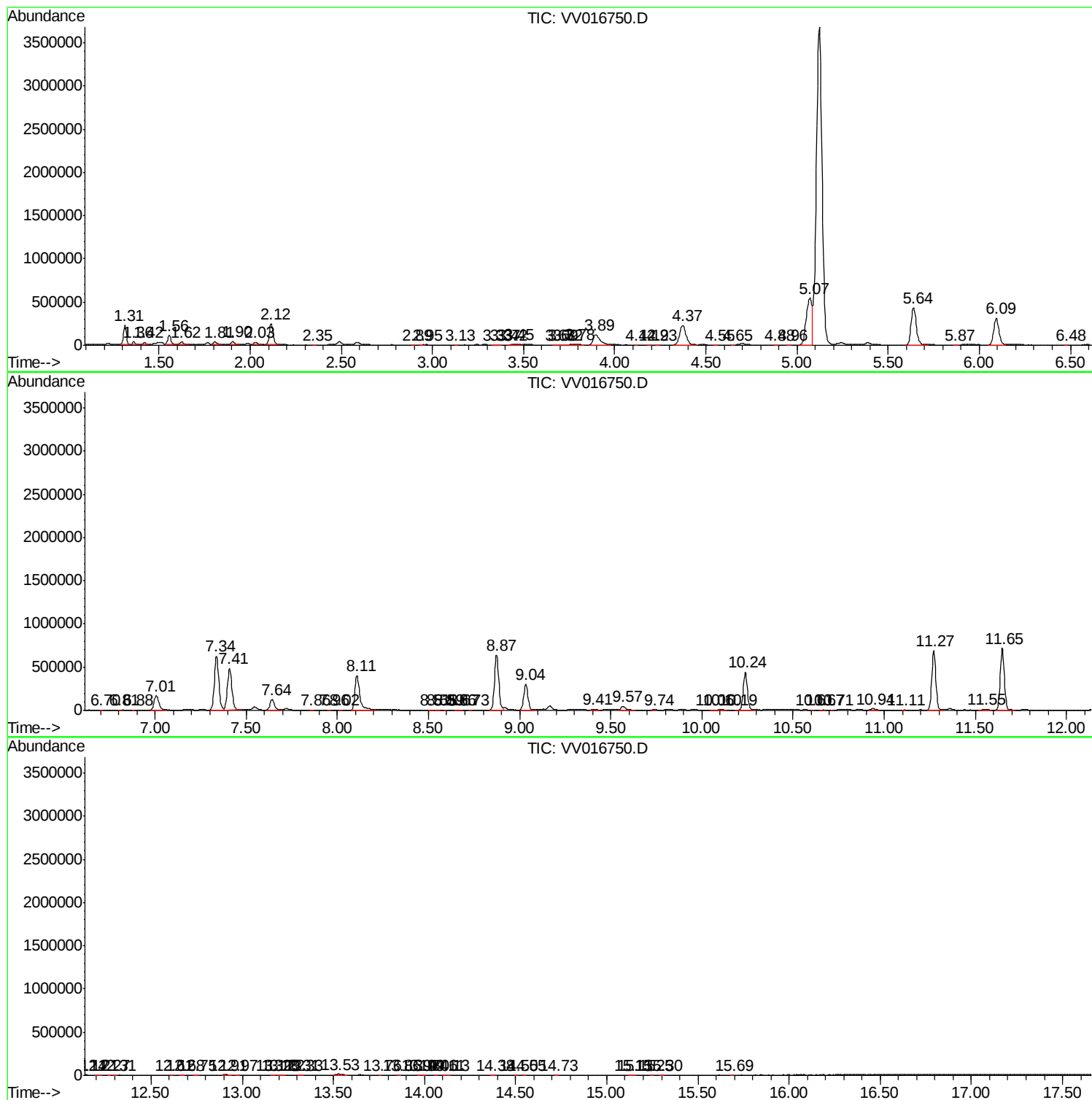
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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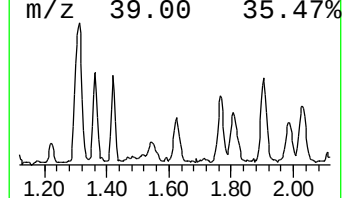
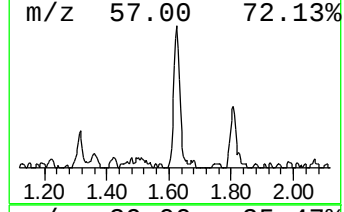
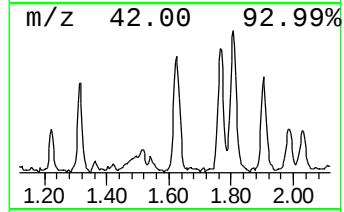
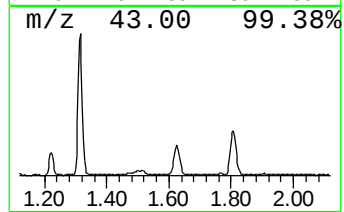
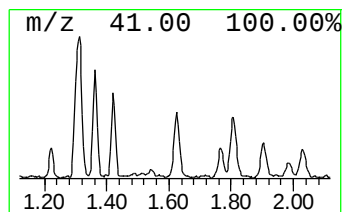
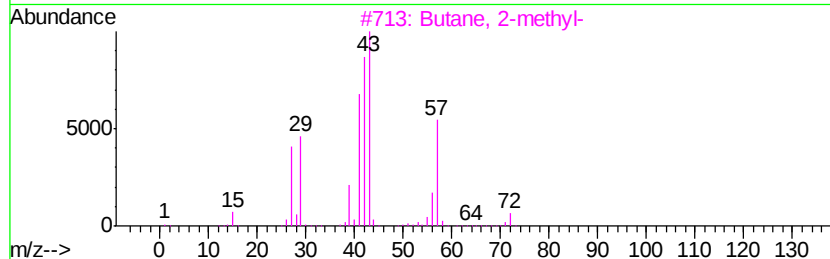
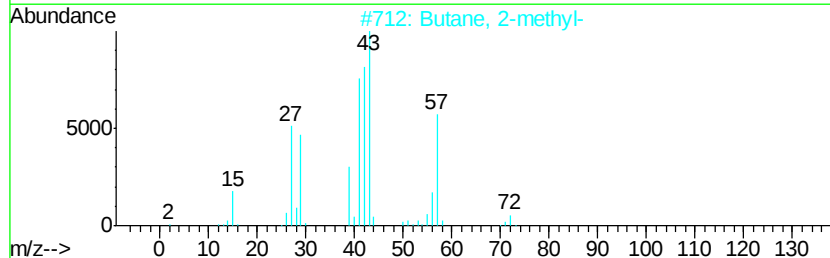
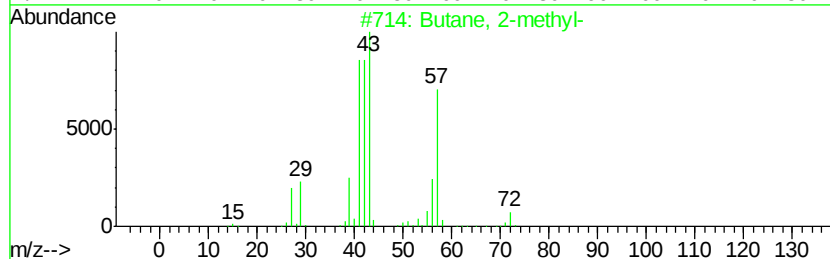
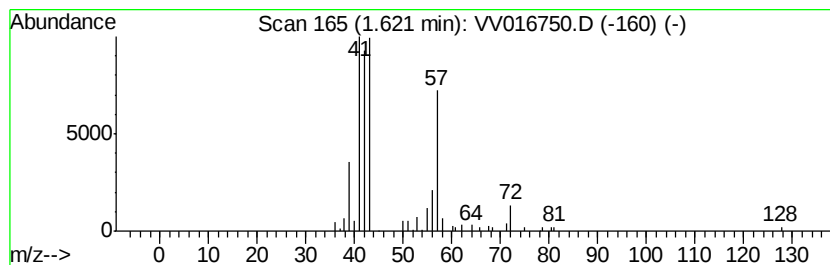
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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.
1.62	2.51 ug/L	42633	1,4-Difluorobenzene	5.64

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	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	72
4		Butane, 1-isocvano-	83	C5H9N	002769-64-4	10
5		3-Buten-1-ol	72	C4H8O	000627-27-0	9



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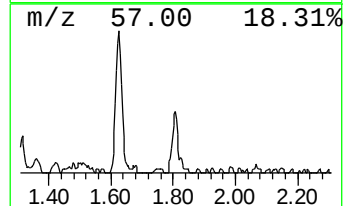
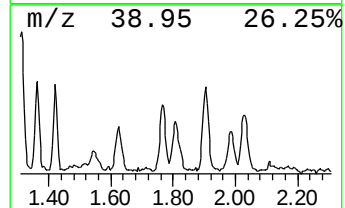
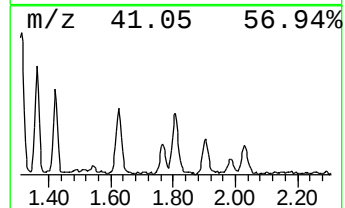
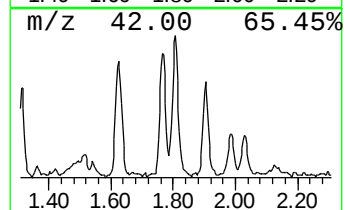
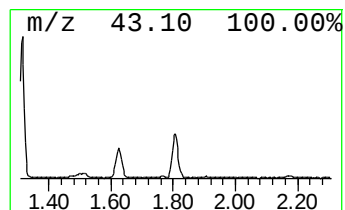
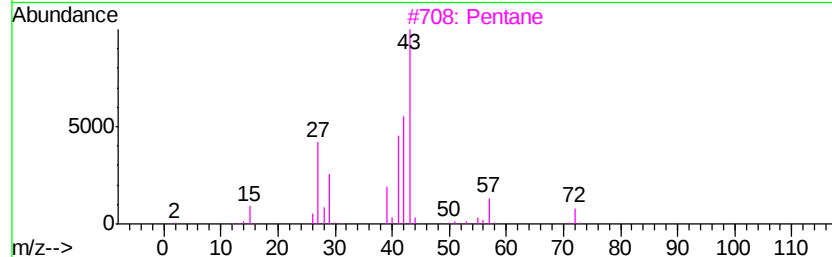
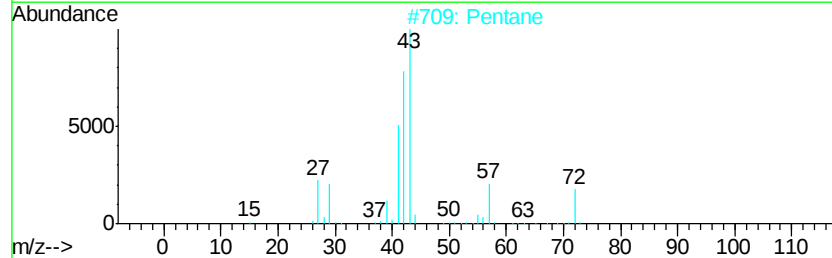
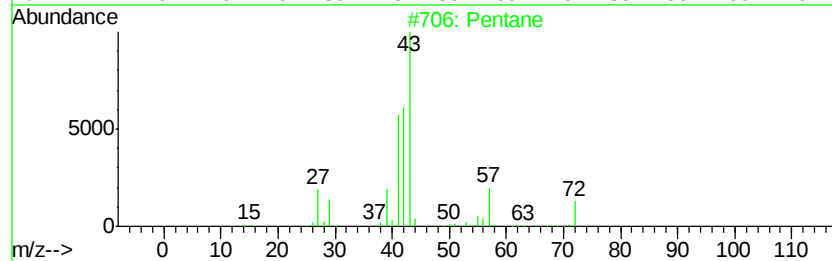
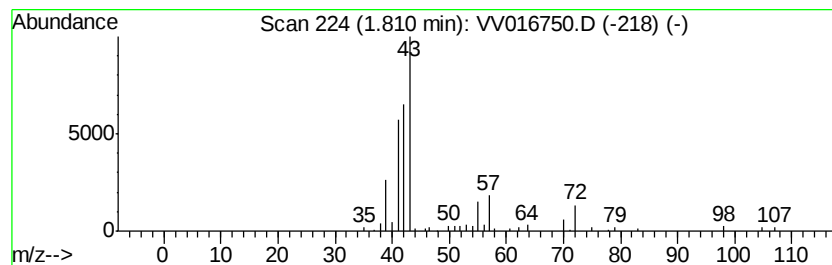
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	2.63 ug/L	44829	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	72
5	Oxirane, ethyl-			72	C4H8O	000106-88-7	47



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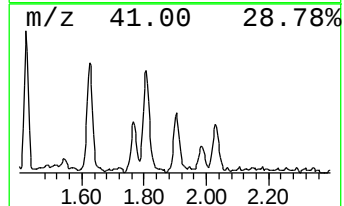
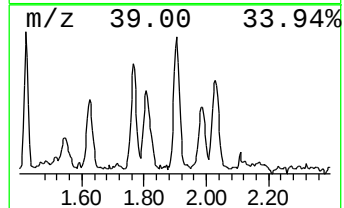
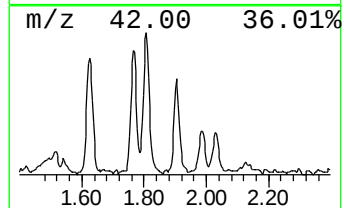
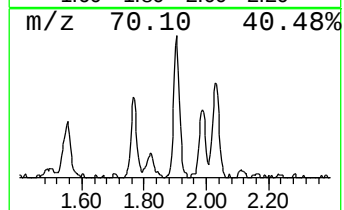
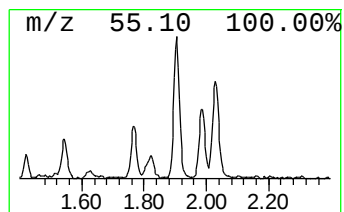
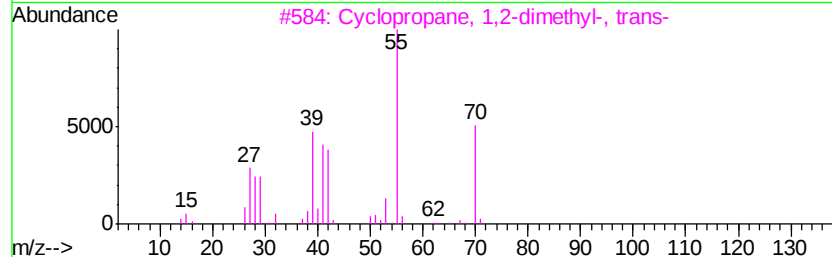
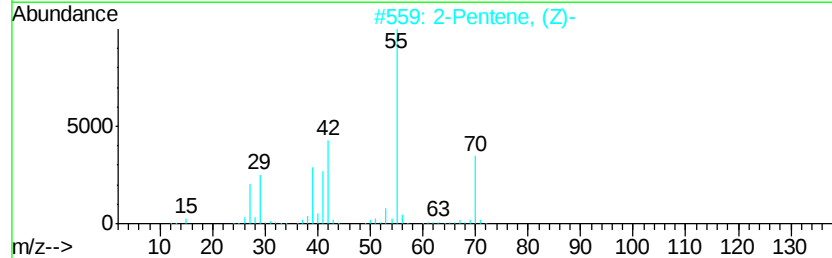
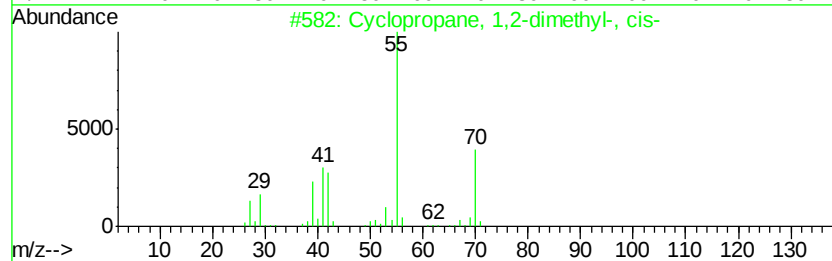
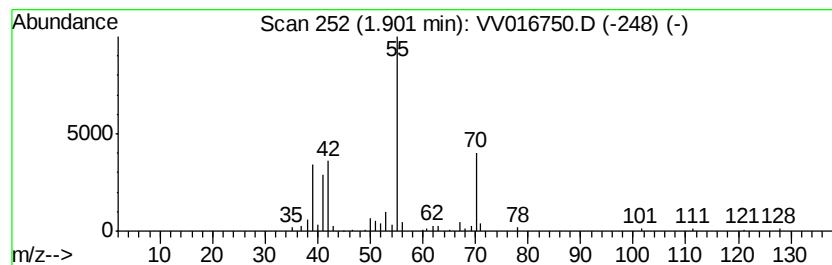
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic1.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.90	2.92 ug/L	49768	1,4-Difluorobenzene	5.64	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1		Cvclopropane, 1,2-dimethyl-, cis-	70 C5H10	000930-18-7	87
2		2-Pentene, (Z)-	70 C5H10	000627-20-3	87
3		Cvclopropane, 1,2-dimethyl-, trans-	70 C5H10	002402-06-4	87
4		2-Pentene, (E)-	70 C5H10	000646-04-8	86
5		2-Pentene, (Z)-	70 C5H10	000627-20-3	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016750.D
Acq On : 10 Jun 2020 05:06
Operator : SY/MD
Sample : L2914-11 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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...	1.62	2.5	ug/L	42633	1	5.64	850924	50.0
(DEL) Alkane: Str...	1.81	2.6	ug/L	44829	1	5.64	850924	50.0
(DEL) Alkane: Cyc...	1.90	2.9	ug/L	49768	1	5.64	850924	50.0