LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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	61	68	82	rVB	434768	422670	15.43%	1.994%
2	1.569	141	149	165	rBV	346490	388741	14.19%	1.834%
3	2.110	307	317	362	rVB	685668	1075814	39.27%	5.075%
4	2.765	510	521	540	rVB2	37478	78972	2.88%	0.373%
5	2.839	540	544	548	rBV5	948	736	0.03%	0.003%
6	2.878	553	556	562	rVB6	495	452	0.02%	0.002%
7	3.045	593	608	629	rBV	256228	509945	18.61%	2.405%
8	3.270	676	678	684	rBV4	797	790	0.03%	0.004%
9	3.367	705	708	712	rBV5	532	511	0.02%	0.002%
10	3.585	773	776	784	rVB4	583	510	0.02%	0.002%
11	3.669	796	802	803	rBV3	1151	1117	0.04%	0.005%
12	3.685	804	807	808	rBV2	1275	621	0.02%	0.003%
13	3.769	816	833	853	rVB2	208078	520026	18.98%	2.453%
14	3.897	861	873	913	rBV	148109	473494	17.28%	2.234%
15	4.354	997	1015	1042	rBV	428816	1058296	38.63%	4.992%
16	4.653	1105	1108	1109	rBV3	747	486	0.02%	0.002%
17	4.920	1189	1191	1196	rVB5	779	439	0.02%	0.002%
18	4.981	1208	1210	1213	rBV3	599	475	0.02%	0.002%
19	5.052	1213	1232	1276	rVV2	1069243	2739825	100.00%	12.924%
20	5.412	1338	1344	1347	rVV5	684	854	0.03%	0.004%
21	5.566	1389	1392	1395	rVB4	931	532	0.02%	0.003%
22	5.621	1395	1409	1438	rBV	771254	1541735	56.27%	7.273%
23	5.910	1488	1499	1517	rBV3	15163	32379	1.18%	0.153%
24	6.074	1530	1550	1575	rBV	613630	1227484	44.80%	5.790%
25	6.309	1618	1623	1625	rBV4	1680	1457	0.05%	0.007%
26	6.351	1634	1636	1640	rVB4	733	495	0.02%	0.002%
27	6.402	1650	1652	1658	rVB4	778	521	0.02%	0.002%
28	6.441	1660	1664	1667	rBV3	558	431	0.02%	0.002%
29	6.489	1676	1679	1683	rVB4	601	489	0.02%	0.002%
30	6.527	1683	1691	1692	rBV4	1084	1155	0.04%	0.005%
31	6.543	1692	1696	1699	rVV5	1116	1093	0.04%	0.005%
32	6.672	1732	1736	1742	rBV7	957	1145	0.04%	0.005%
33	6.720	1746	1751	1754	rVB5	720	694	0.03%	0.003%
34	6.740	1754	1757	1761	rVB3	777	536	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Title : VOC Analysis

35	6.878	1798	1800	1806	rBV4	548	437	0.02%	0.002%
36	6.990	1822	1835	1861	rBV	363181	654160	23.88%	3.086%
37	7.135	1878	1880	1884	rVB3	868	559	0.02%	0.003%
38	7.238	1910	1912	1922	rVB6	1276	1651	0.06%	0.008%
39	7.318	1923	1937	1963	rBV	1268079	2183009	79.68%	10.297%
40	7.624	2021	2032	2055	rBV	256084	439604	16.04%	2.074%
41	7.984	2134	2144	2152	rVB3	12251	21272	0.78%	0.100%
42	8.090	2166	2177	2214	rBV	611811	1068653	39.00%	5.041%
43	8.376	2264	2266	2270	rBV3	756	515	0.02%	0.002%
44	8.855	2402	2415	2438	rBV	1147303	1839414	67.14%	8.677%
45	9.112	2493	2495	2498	rBV4	657	431	0.02%	0.002%
46	9.206	2517	2524	2527	rBV6	1010	1167	0.04%	0.006%
47	9.315	2556	2558	2564	rVB4	923	841	0.03%	0.004%
48	9.366	2569	2574	2576	rBV2	544	431	0.02%	0.002%
49	9.543	2626	2629	2631	rBV2	946	592	0.02%	0.003%
50	9.649	2658	2662	2665	rVB3	639	431	0.02%	0.002%
51	9.704	2675	2679	2681	rBV3	751	530	0.02%	0.003%
52	9.791	2702	2706	2708	rBV3	687	426	0.02%	0.002%
53	9.820	2710	2715	2722	rVV7	1422	1868	0.07%	0.009%
54	9.939	2750	2752	2758	rVB3	576	600	0.02%	0.003%
55	9.968	2758	2761	2765	rVB3	689	558	0.02%	0.003%
56	10.000	2765	2771	2775	rBV5	730	1006	0.04%	0.005%
57	10.032	2777	2781	2784	rVV4	900	810	0.03%	0.004%
58	10.141	2809	2815	2820	rBV4	851	779	0.03%	0.004%
59	10.219	2826	2839	2858	rBV	752873	1183721	43.20%	5.584%
60	10.386	2882	2891	2894	rBV6	2035	2453	0.09%	0.012%
61	10.521	2930	2933	2939	rBV5	1250	1350	0.05%	0.006%
62	10.588	2945	2954	2959	rBV7	1008	1596	0.06%	0.008%
63	10.797	3015	3019	3020	rBV3	615	406	0.01%	0.002%
64	10.858	3036	3038	3041	rVB2	662	420	0.02%	0.002%
65	11.045	3091	3096	3100	rVV5	2354	2924	0.11%	0.014%
66	11.090	3104	3110	3119	rVB5	3421	5291	0.19%	0.025%
67	11.157	3127	3131	3134	rBV4	1564	1407	0.05%	0.007%
68	11.251	3148	3160	3179	rBV	1154057	1761973	64.31%	8.311%
69	11.456	3222	3224	3231	rVB5	786	665	0.02%	0.003%
70	11.489	3231	3234	3238	rBV2	983	679	0.02%	0.003%
71	11.540	3244	3250	3251	rBV4	2467	2191	0.08%	0.010%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Title : VOC Analysis

72	11.627	3265	3277	3300	rBV	1233648	1908478	69.66%	9.002%
73	11.984	3386	3388	3390	rBV	1002	554	0.02%	0.003%
74	12.045	3402	3407	3411	rBV6	679	765	0.03%	0.004%
75	12.138	3431	3436	3437	rBV2	569	439	0.02%	0.002%
76	12.186	3449	3451	3456	rVB3	902	565	0.02%	0.003%
77	12.292	3481	3484	3486	rBV2	700	419	0.02%	0.002%
78	12.354	3496	3503	3511	rVV6	3346	5546	0.20%	0.026%
79	12.537	3554	3560	3564	rBV2	760	1041	0.04%	0.005%
80	12.656	3595	3597	3602	rBV4	613	483	0.02%	0.002%
81	12.681	3602	3605	3608	rVB3	865	633	0.02%	0.003%
82	12.765	3628	3631	3635	rVB2	666	527	0.02%	0.002%
83	12.791	3635	3639	3640	rBV2	835	568	0.02%	0.003%
84	12.849	3653	3657	3658	rBV3	614	406	0.01%	0.002%
85	13.154	3749	3752	3755	rVB3	856	466	0.02%	0.002%
86	13.514	3861	3864	3865	rBV3	723	441	0.02%	0.002%
87	13.627	3895	3899	3902	rVB4	1015	872	0.03%	0.004%
88	13.652	3902	3907	3908	rBV3	705	509	0.02%	0.002%
89	13.842	3962	3966	3969	rBV5	862	714	0.03%	0.003%
90	13.935	3991	3995	3996	rBV3	769	536	0.02%	0.003%
91	14.141	4055	4059	4061	rBV2	735	648	0.02%	0.003%
92	14.225	4082	4085	4089	rBV3	631	517	0.02%	0.002%
93	14.305	4107	4110	4113	rBV3	714	661	0.02%	0.003%
94	14.392	4134	4137	4139	rBV3	950	610	0.02%	0.003%
95	14.440	4149	4152	4155	rBV3	1068	758	0.03%	0.004%
96	14.566	4189	4191	4193	rBV3	766	422	0.02%	0.002%
97	14.662	4219	4221	4225	rVB3	746	487	0.02%	0.002%
98	15.215	4391	4393	4396	rBV3	672	463	0.02%	0.002%
99	15.267	4407	4409	4413	rBV3	812	695	0.03%	0.003%
100	15.389	4445	4447	4451	rVB4	877	544	0.02%	0.003%

Sum of corrected areas: 21199507

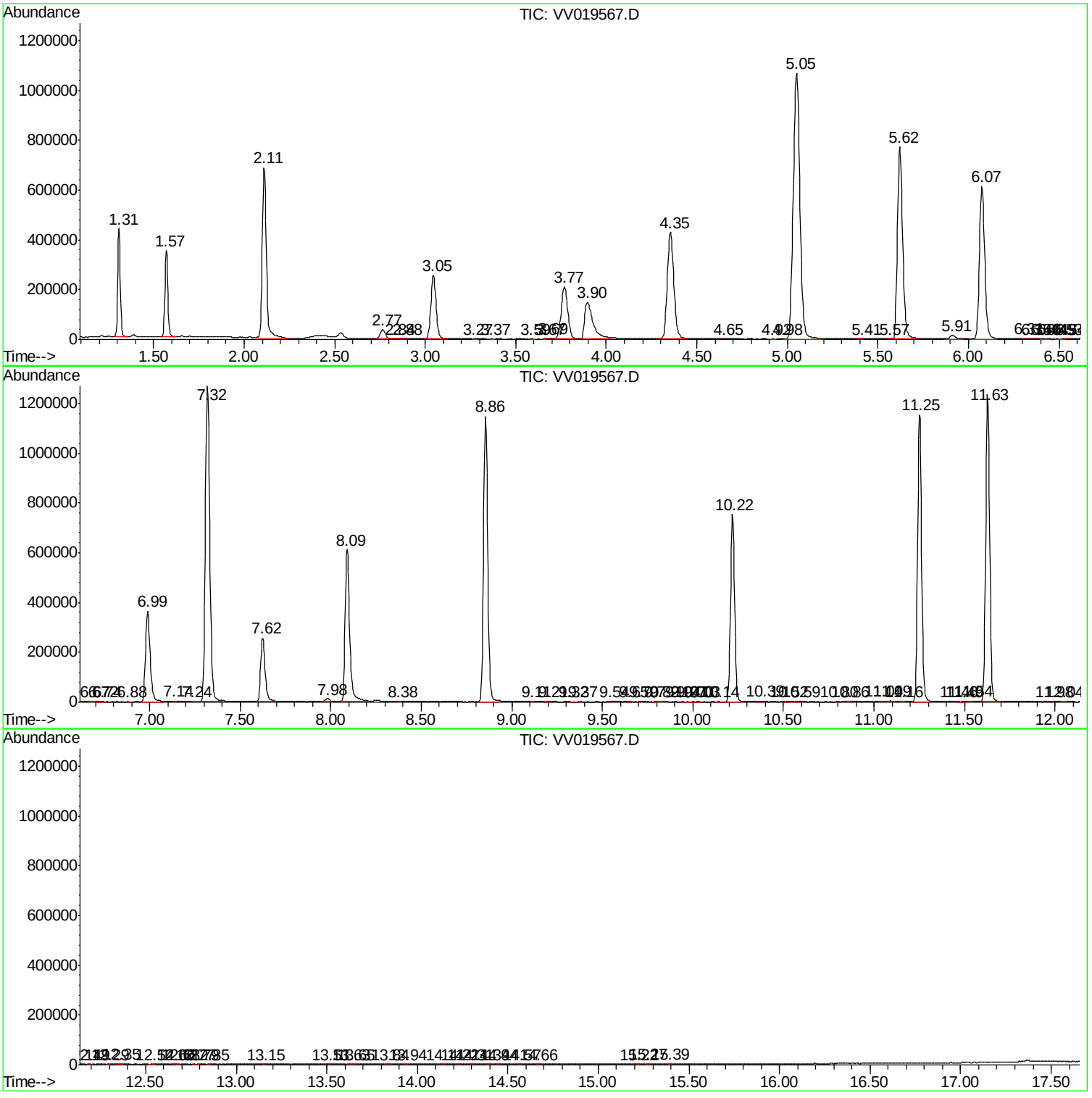
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

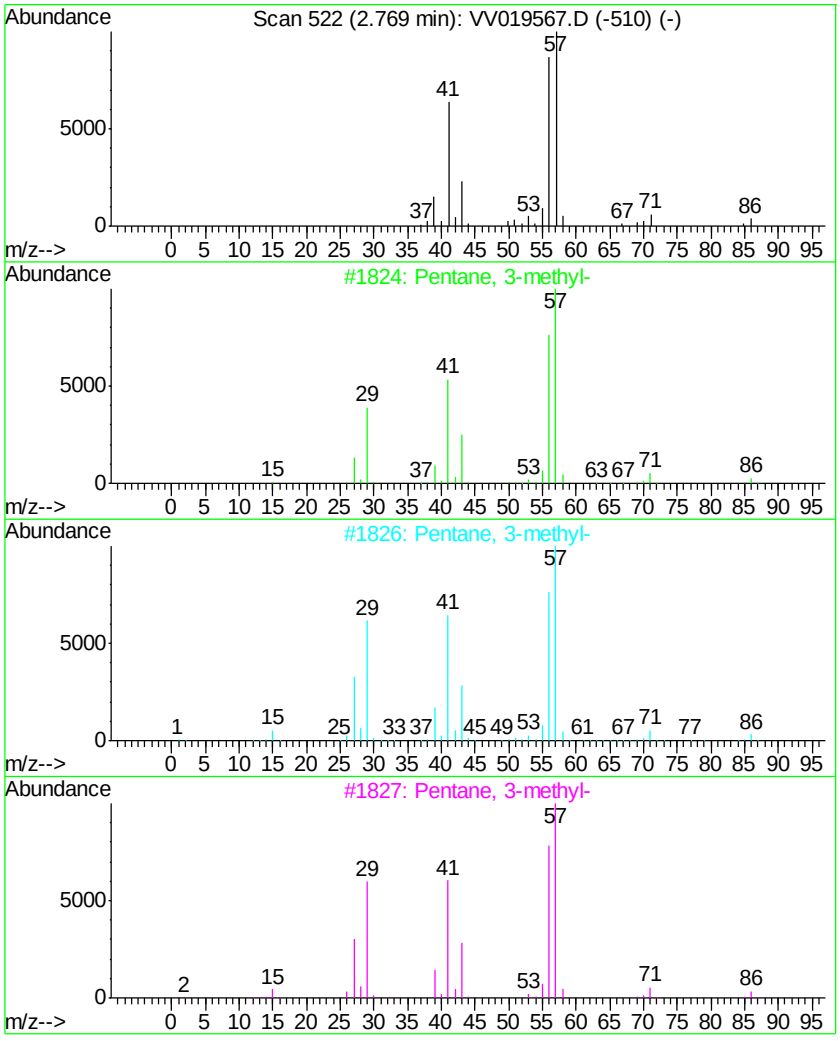
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

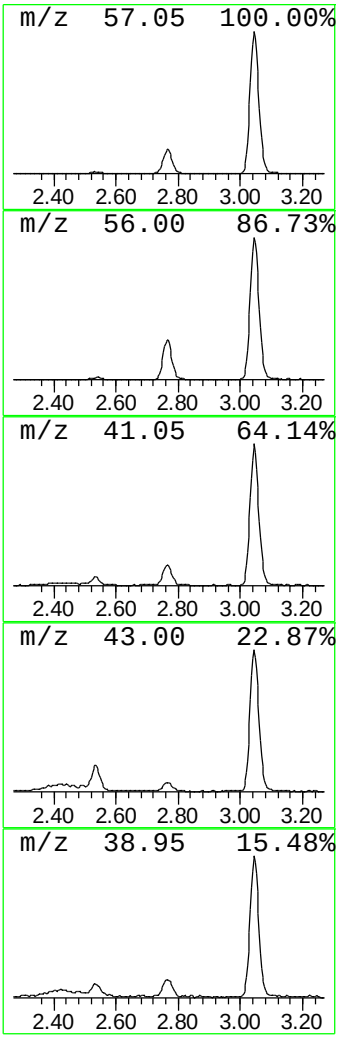
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	2.56 ug/L	78972	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

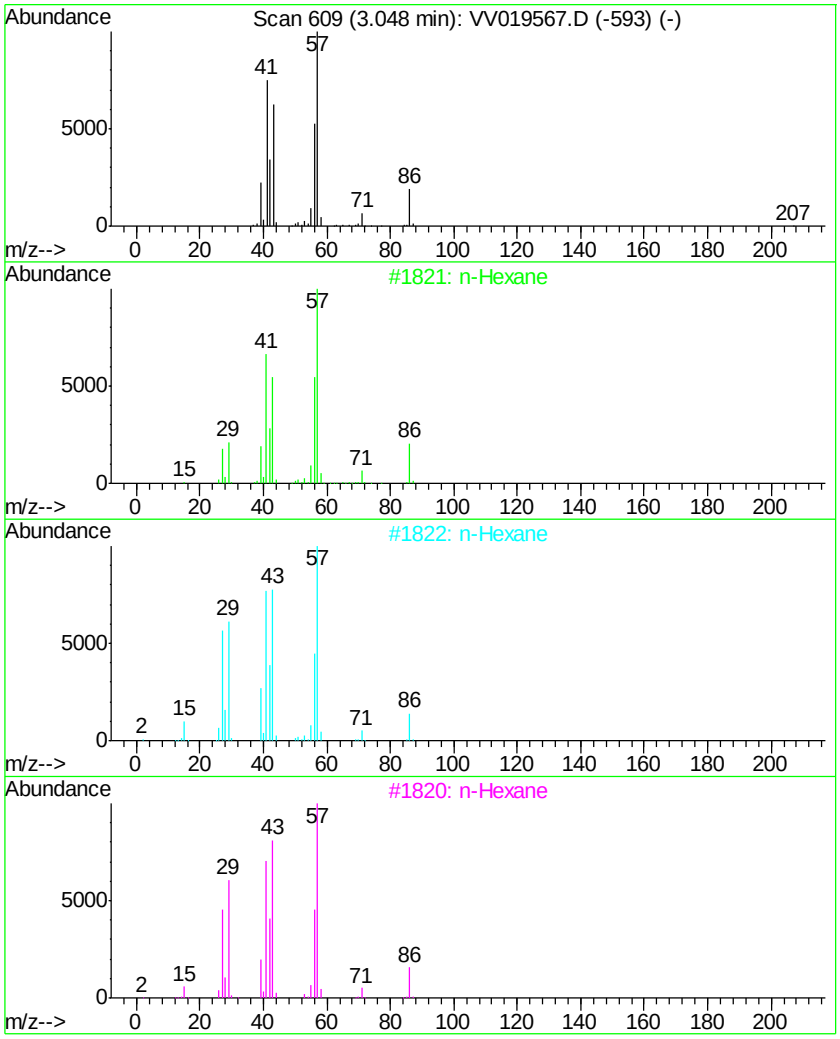
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

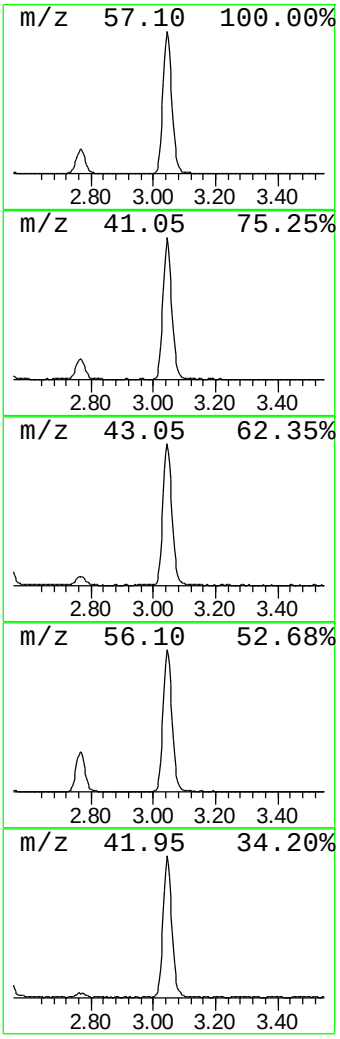
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	16.54 ug/L	509945	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

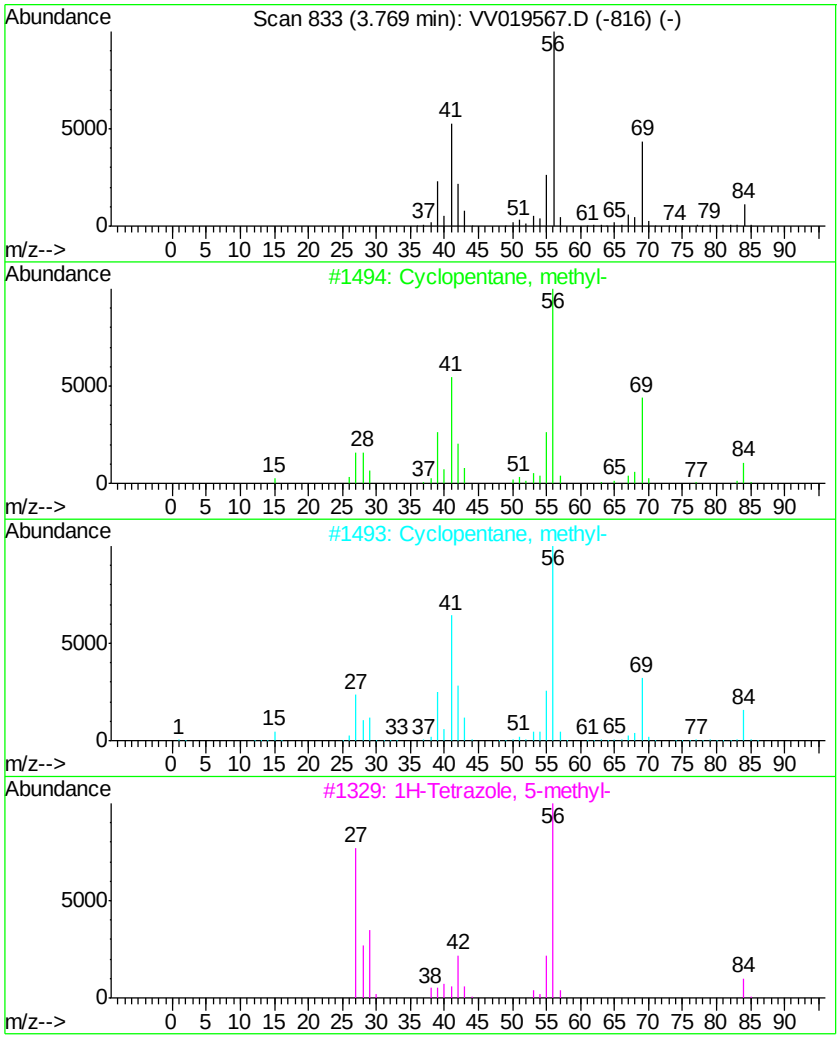
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

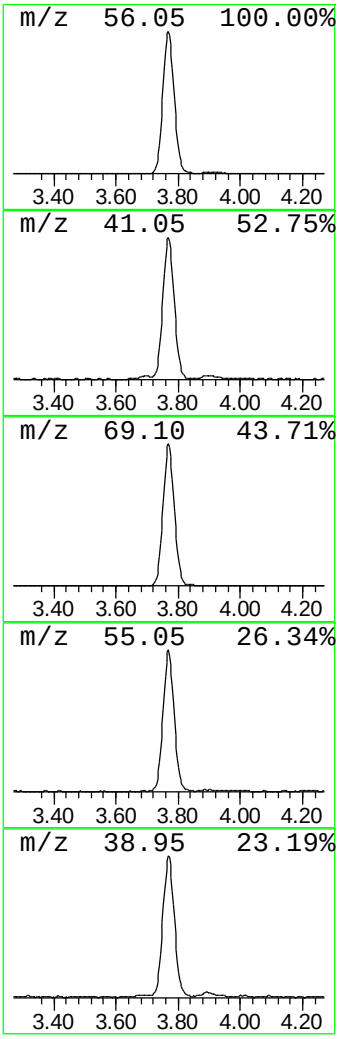
****

Peak Number 3 (DEL) Alkane: Cyclic3.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	16.87 ug/L	520026	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019567.D
Acq On : 12 Dec 2020 19:41
Operator : SY/MD
Sample : L4928-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4H9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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...	2.77	2.6	ug/L	78972	1	5.62	1541740	50.0
(DEL) Alkane: Str...	3.05	16.5	ug/L	509945	1	5.62	1541740	50.0
(DEL) Alkane: Cyc...	3.77	16.9	ug/L	520026	1	5.62	1541740	50.0