LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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	1.216	36	39	47	rBV3	8583	7800	0.04%	0.012%
2	1.309	61	68	82	rVB	311254	308197	1.47%	0.466%
3	1.569	142	149	162	rVB	273434	297661	1.42%	0.450%
4	1.637	164	170	179	rVB	33642	39831	0.19%	0.060%
5	1.807	217	223	233	rVB	32157	40559	0.19%	0.061%
6	2.110	307	317	356	rVB	527290	849503	4.06%	1.285%
7	2.434	413	418	420	rBV4	1890	1781	0.01%	0.003%
8	2.534	427	449	479	rVB	1234454	2363634	11.31%	3.576%
9	2.766	504	521	548	rVB	1988446	3959413	18.94%	5.990%
10	3.045	589	608	647	rBV	10512630	20907266	100.00%	31.629%
11	3.769	811	833	859	rBV	7630014	19266854	92.15%	29.148%
12	3.884	859	869	905	rVB	172551	485086	2.32%	0.734%
13	4.351	998	1014	1043	rBV	383011	936906	4.48%	1.417%
14	4.531	1066	1070	1076	rVB6	825	736	0.00%	0.001%
15	4.573	1081	1083	1086	rVV3	737	496	0.00%	0.001%
16	4.682	1102	1117	1138	rVB	81034	202830	0.97%	0.307%
17	4.907	1184	1187	1192	rBV5	810	832	0.00%	0.001%
18	5.052	1211	1232	1264	rBV2	910643	2365821	11.32%	3.579%
19	5.277	1300	1302	1307	rVB3	915	678	0.00%	0.001%
20	5.306	1307	1311	1313	rBV5	568	529	0.00%	0.001%
21	5.363	1325	1329	1334	rBV4	731	716	0.00%	0.001%
22	5.473	1359	1363	1364	rBV5	933	526	0.00%	0.001%
23	5.531	1378	1381	1384	rVB4	831	631	0.00%	0.001%
24	5.621	1395	1409	1438	rBV	864161	1729842	8.27%	2.617%
25	5.788	1457	1461	1464	rVB4	1014	690	0.00%	0.001%
26	5.910	1488	1499	1514	rBV2	11294	25068	0.12%	0.038%
27	5.987	1519	1523	1524	rBV4	581	456	0.00%	0.001%
28	6.023	1527	1534	1535	rBV4	835	634	0.00%	0.001%
29	6.074	1535	1550	1575	rBV	538479	1089964	5.21%	1.649%
30	6.537	1683	1694	1698	rBV7	1765	3185	0.02%	0.005%
31	6.614	1712	1718	1720	rBV5	3312	3344	0.02%	0.005%
32	6.769	1763	1766	1769	rBV3	645	497	0.00%	0.001%
33	6.875	1797	1799	1802	rVV3	645	495	0.00%	0.001%
34	6.987	1822	1834	1866	rBV	319273	579062	2.77%	0.876%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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	7.154	1878	1886	1889	rBV7	2437	3130	0.01%	0.005%
36	7.318	1924	1937	1959	rBV	1088648	1879095	8.99%	2.843%
37	7.624	2020	2032	2055	rBV	227440	392587	1.88%	0.594%
38	7.945	2123	2132	2136	rVV	6266	10457	0.05%	0.016%
39	7.981	2137	2143	2154	rVB4	14448	23715	0.11%	0.036%
40	8.032	2154	2159	2160	rBV3	908	613	0.00%	0.001%
41	8.087	2166	2176	2217	rBV	661889	1149076	5.50%	1.738%
42	8.508	2305	2307	2311	rVB4	1025	780	0.00%	0.001%
43	8.531	2311	2314	2316	rBV3	782	561	0.00%	0.001%
44	8.621	2338	2342	2345	rBV3	629	532	0.00%	0.001%
45	8.669	2351	2357	2362	rBV5	675	788	0.00%	0.001%
46	8.855	2402	2415	2449	rBV	1301671	2107190	10.08%	3.188%
47	9.141	2499	2504	2507	rBV6	2680	2483	0.01%	0.004%
48	9.180	2513	2516	2520	rBV4	710	508	0.00%	0.001%
49	9.550	2620	2631	2632	rBV5	2213	2543	0.01%	0.004%
50	9.662	2660	2666	2670	rBV6	651	716	0.00%	0.001%
51	9.768	2696	2699	2705	rVB3	693	734	0.00%	0.001%
52	9.820	2705	2715	2728	rBV9	2682	5892	0.03%	0.009%
53	9.881	2731	2734	2737	rVV3	554	506	0.00%	0.001%
54	10.029	2772	2780	2791	rVB8	2947	5642	0.03%	0.009%
55	10.084	2791	2797	2801	rBV4	894	797	0.00%	0.001%
56	10.219	2827	2839	2856	rBV	722132	1109320	5.31%	1.678%
57	10.386	2884	2891	2900	rVB4	9079	13947	0.07%	0.021%
58	10.434	2904	2906	2914	rVB4	606	569	0.00%	0.001%
59	10.473	2914	2918	2921	rBV4	579	491	0.00%	0.001%
60	10.756	3003	3006	3010	rVB3	639	551	0.00%	0.001%
61	10.788	3011	3016	3018	rBV4	716	524	0.00%	0.001%
62	10.858	3035	3038	3042	rBV5	1129	864	0.00%	0.001%
63	10.939	3051	3063	3075	rBV7	3809	9124	0.04%	0.014%
64	11.055	3092	3099	3103	rBV8	1412	1859	0.01%	0.003%
65	11.084	3105	3108	3109	rBV4	1356	846	0.00%	0.001%
66	11.154	3125	3130	3138	rBV7	3267	5018	0.02%	0.008%
67	11.251	3148	3160	3183	rBV	1361747	2089686	10.00%	3.161%
68	11.482	3228	3232	3234	rBV4	652	503	0.00%	0.001%
69	11.530	3241	3247	3248	rBV4	1899	1365	0.01%	0.002%
70	11.627	3264	3277	3294	rBV	1134909	1768808	8.46%	2.676%
71	11.775	3320	3323	3327	rBV5	745	483	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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	12.254	3465	3472	3478	rVB6	2068	2788	0.01%	0.004%
73	12.350	3496	3502	3514	rVV7	9395	15703	0.08%	0.024%
74	12.402	3514	3518	3525	rVB6	1093	1173	0.01%	0.002%
75	12.495	3543	3547	3552	rVB4	599	620	0.00%	0.001%
76	12.611	3580	3583	3588	rVB3	664	590	0.00%	0.001%
77	12.653	3594	3596	3600	rVB3	1043	660	0.00%	0.001%
78	12.682	3603	3605	3612	rVB4	850	813	0.00%	0.001%
79	12.714	3612	3615	3617	rBV2	920	488	0.00%	0.001%
80	12.733	3617	3621	3624	rBV2	599	530	0.00%	0.001%
81	12.932	3679	3683	3686	rBV5	897	587	0.00%	0.001%
82	12.987	3696	3700	3703	rVB3	673	472	0.00%	0.001%
83	13.080	3726	3729	3733	rVB5	727	604	0.00%	0.001%
84	13.263	3783	3786	3788	rBV4	948	564	0.00%	0.001%
85	13.337	3805	3809	3812	rBV6	763	701	0.00%	0.001%
86	13.408	3826	3831	3833	rBV3	554	598	0.00%	0.001%
87	13.450	3839	3844	3846	rBV4	528	590	0.00%	0.001%
88	13.653	3904	3907	3913	rBV5	630	716	0.00%	0.001%
89	13.681	3913	3916	3920	rBV4	1080	857	0.00%	0.001%
90	13.736	3929	3933	3935	rBV2	693	578	0.00%	0.001%
91	13.755	3936	3939	3945	rVB7	1286	1017	0.00%	0.002%
92	13.842	3964	3966	3972	rVB5	566	517	0.00%	0.001%
93	13.926	3988	3992	3997	rVB4	831	748	0.00%	0.001%
94	14.009	4016	4018	4021	rBV2	641	466	0.00%	0.001%
95	14.189	4070	4074	4077	rBV2	837	700	0.00%	0.001%
96	14.501	4169	4171	4175	rVB2	771	455	0.00%	0.001%
97	14.781	4253	4258	4259	rBV3	767	549	0.00%	0.001%
98	14.865	4277	4284	4287	rBV4	1299	1518	0.01%	0.002%
99	15.543	4492	4495	4498	rBV4	870	539	0.00%	0.001%
100	15.656	4528	4530	4535	rVB4	1175	718	0.00%	0.001%

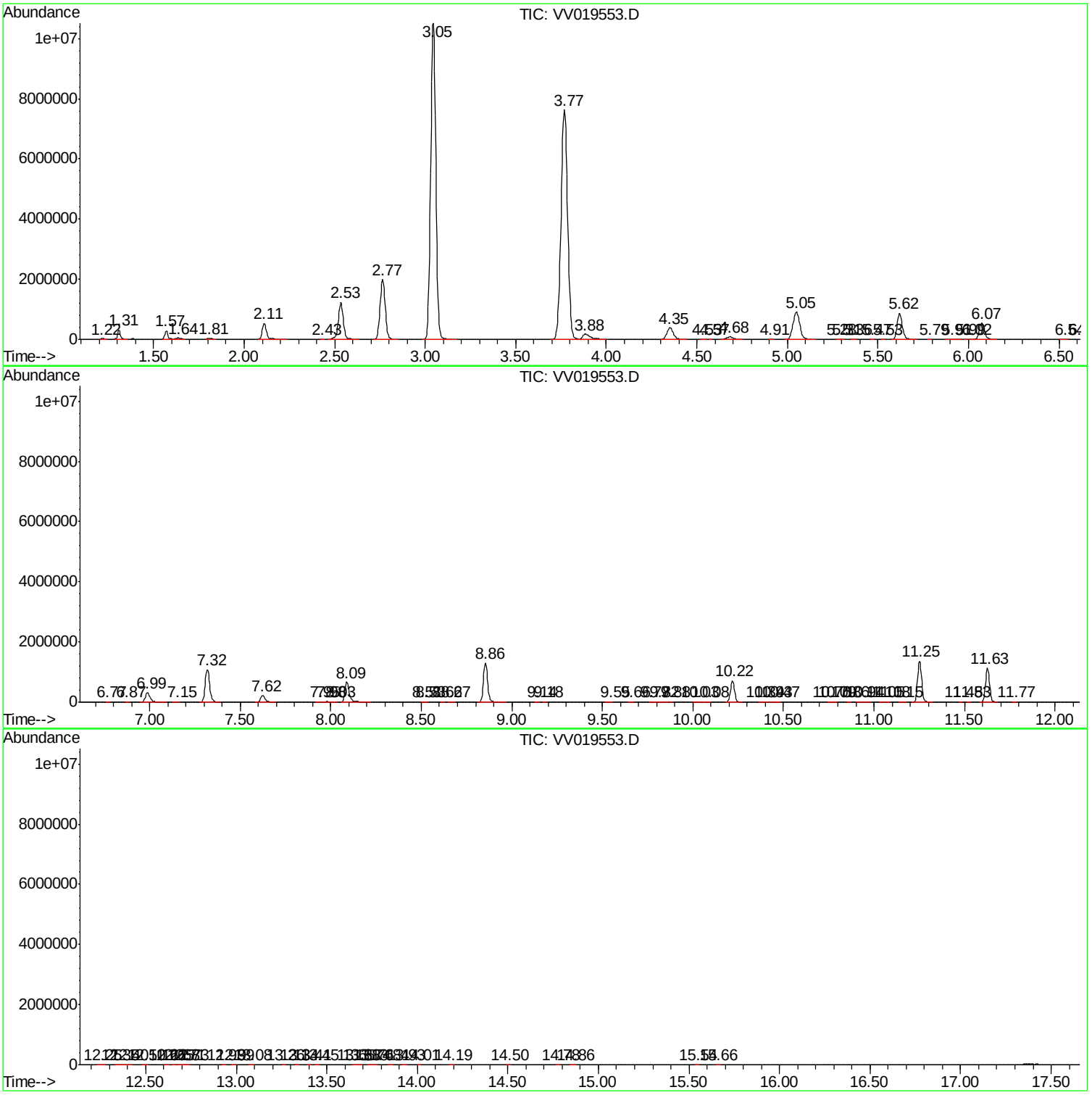
Sum of corrected areas: 66100685

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4J2

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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

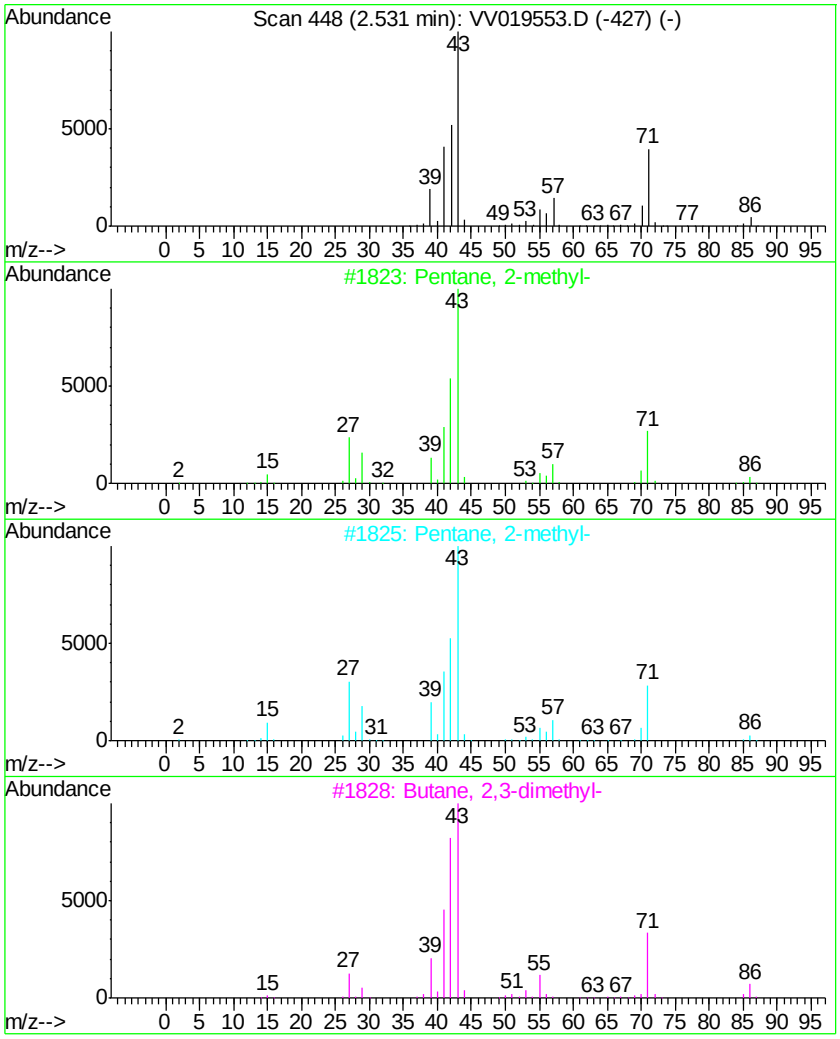
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

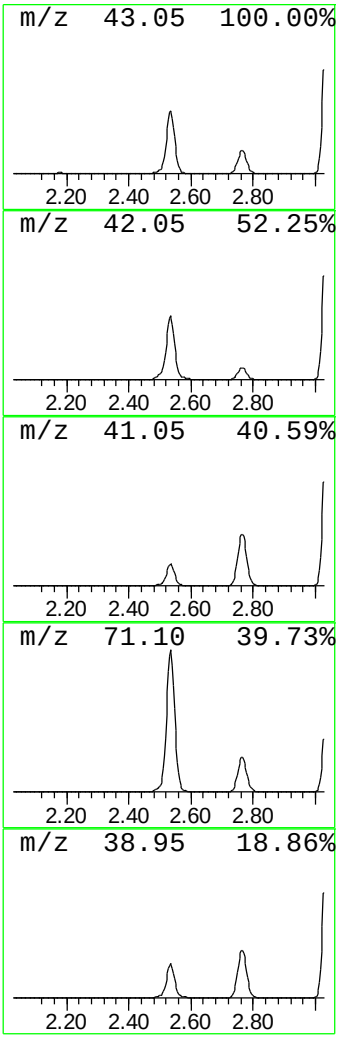
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	68.32 ug/L	2363630	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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

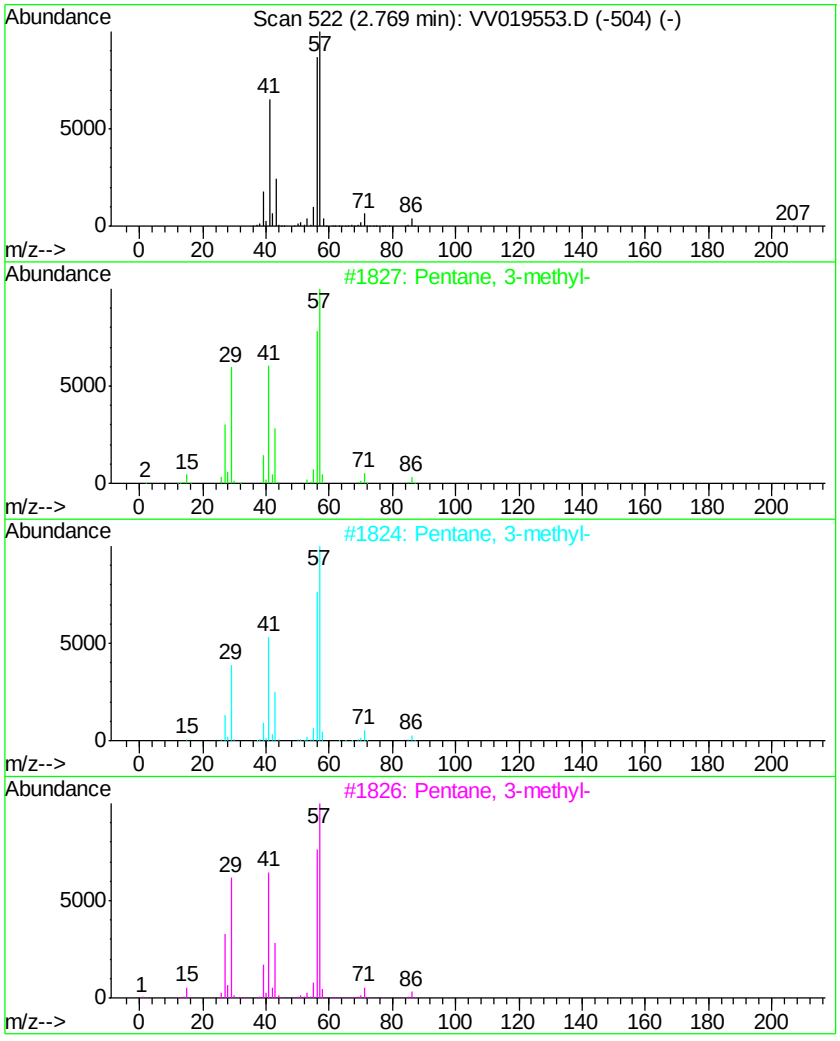
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

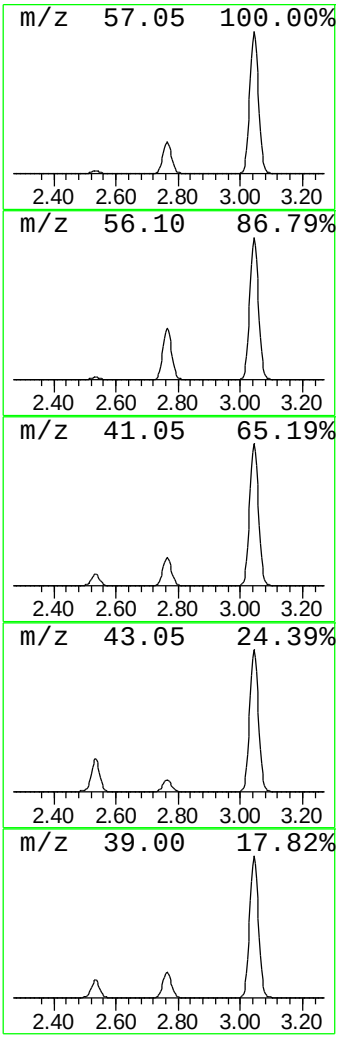
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	114.44 ug/L	3959410	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	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

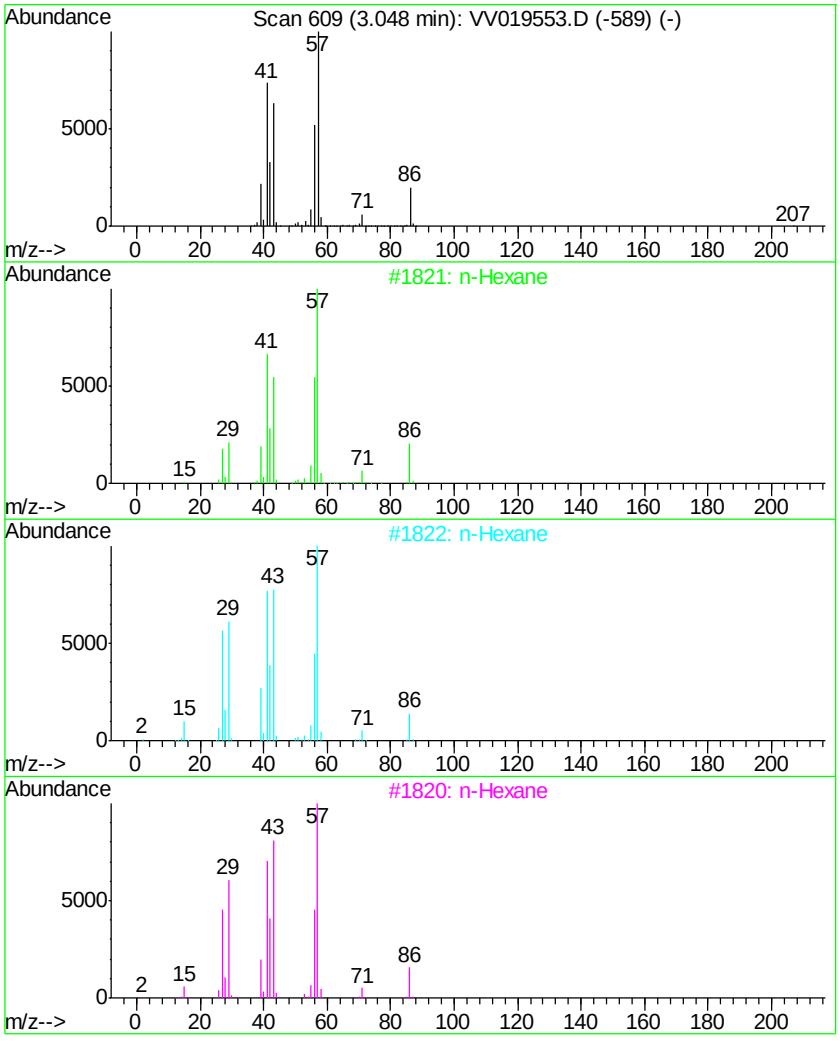
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

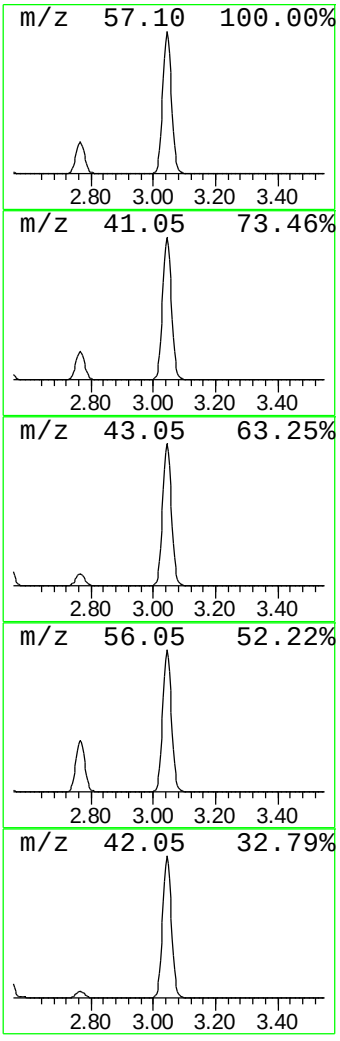
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	604.31 ug/L	20907300	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	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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

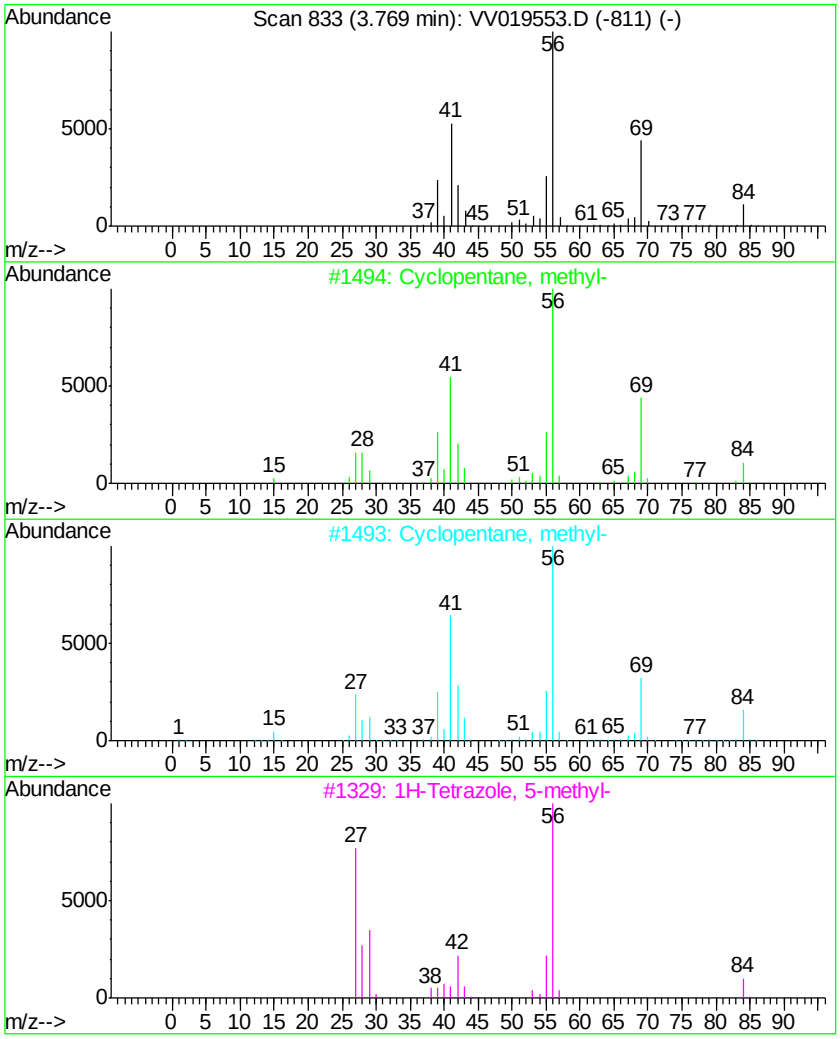
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

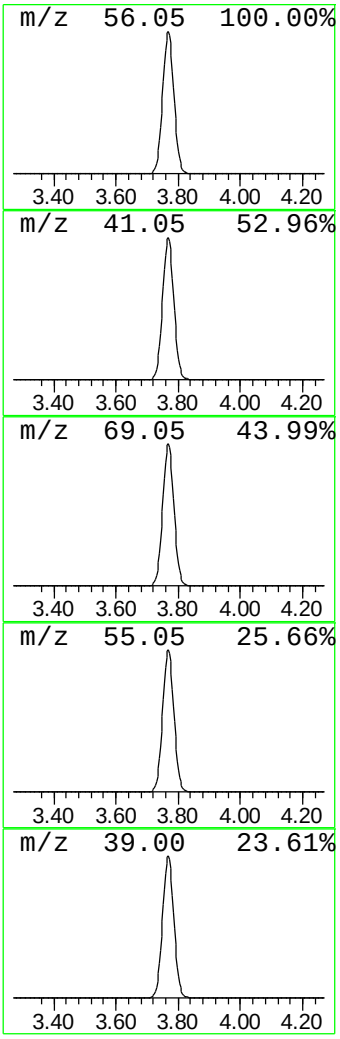
****

Peak Number 4 (DEL) Alkane: Cyclic3.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	556.90 ug/L	19266900	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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019553.D
Acq On : 12 Dec 2020 14:04
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J2

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...	2.53	68.3	ug/L	2363630	1	5.62	1729840	50.0
(DEL) Alkane: Str...	2.77	114.4	ug/L	3959410	1	5.62	1729840	50.0
(DEL) Alkane: Str...	3.05	604.3	ug/L	20907300	1	5.62	1729840	50.0
(DEL) Alkane: Cyc...	3.77	556.9	ug/L	19266900	1	5.62	1729840	50.0