LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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	60	68	82	rVB	447224	449121	5.89%	1.266%
2	1.570	142	149	163	rBV	334112	373992	4.91%	1.054%
3	2.110	307	317	357	rVB	686972	1074404	14.10%	3.029%
4	2.534	430	449	477	rVB	346118	664525	8.72%	1.874%
5	2.766	505	521	545	rVB	566245	1123364	14.74%	3.167%
6	2.933	567	573	576	rBV4	1024	1272	0.02%	0.004%
7	3.045	590	608	636	rBV	3843057	7621618	100.00%	21.489%
8	3.380	710	712	722	rVB7	1093	921	0.01%	0.003%
9	3.431	725	728	734	rVB5	879	710	0.01%	0.002%
10	3.460	734	737	740	rBV3	776	539	0.01%	0.002%
11	3.499	746	749	754	rBV4	609	481	0.01%	0.001%
12	3.650	790	796	798	rBV6	604	541	0.01%	0.002%
13	3.685	803	807	809	rBV4	1469	1269	0.02%	0.004%
14	3.769	813	833	860	rVV	2170309	5466798	71.73%	15.414%
15	3.894	861	872	910	rBV2	155928	479063	6.29%	1.351%
16	4.354	997	1015	1042	rBV	435469	1067620	14.01%	3.010%
17	4.685	1103	1118	1132	rBV3	22651	55983	0.73%	0.158%
18	4.888	1173	1181	1184	rBV5	674	743	0.01%	0.002%
19	5.052	1211	1232	1264	rBV2	1071097	2765669	36.29%	7.798%
20	5.299	1307	1309	1314	rVB5	600	536	0.01%	0.002%
21	5.331	1315	1319	1321	rBV5	678	495	0.01%	0.001%
22	5.348	1321	1324	1326	rVV4	688	519	0.01%	0.001%
23	5.376	1330	1333	1336	rBV3	927	698	0.01%	0.002%
24	5.412	1341	1344	1348	rBV6	911	749	0.01%	0.002%
25	5.621	1395	1409	1438	rBV	789182	1576063	20.68%	4.444%
26	5.814	1468	1469	1474	rVB4	1208	769	0.01%	0.002%
27	5.839	1474	1477	1481	rBV3	1119	860	0.01%	0.002%
28	5.910	1486	1499	1515	rVB3	15350	31547	0.41%	0.089%
29	6.074	1532	1550	1583	rBV	617177	1251252	16.42%	3.528%
30	6.322	1621	1627	1628	rBV4	1502	1468	0.02%	0.004%
31	6.409	1651	1654	1660	rVB3	950	778	0.01%	0.002%
32	6.438	1660	1663	1665	rBV3	754	483	0.01%	0.001%
33	6.537	1688	1694	1697	rBV6	929	1149	0.02%	0.003%
34	6.601	1712	1714	1717	rBV3	1002	751	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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	6.627	1717	1722	1726	rVV6	1184	1534	0.02%	0.004%
36	6.711	1745	1748	1752	rVB4	744	581	0.01%	0.002%
37	6.942	1816	1820	1822	rBV4	723	499	0.01%	0.001%
38	6.991	1822	1835	1856	rBV	371174	663181	8.70%	1.870%
39	7.319	1924	1937	1962	rBV	1294800	2213306	29.04%	6.241%
40	7.624	2021	2032	2056	rBV	261051	445628	5.85%	1.256%
41	7.817	2089	2092	2095	rVB3	758	486	0.01%	0.001%
42	7.878	2107	2111	2116	rBV5	958	904	0.01%	0.003%
43	7.942	2123	2131	2134	rBV6	2117	2887	0.04%	0.008%
44	7.981	2135	2143	2155	rVV4	15638	27598	0.36%	0.078%
45	8.090	2166	2177	2213	rBV	646409	1127712	14.80%	3.180%
46	8.376	2264	2266	2271	rVB3	976	564	0.01%	0.002%
47	8.634	2338	2346	2348	rBV5	600	632	0.01%	0.002%
48	8.769	2385	2388	2394	rVB5	519	588	0.01%	0.002%
49	8.855	2402	2415	2441	rBV	1179769	1899644	24.92%	5.356%
50	9.106	2490	2493	2496	rBV5	819	691	0.01%	0.002%
51	9.209	2519	2525	2529	rBV6	863	971	0.01%	0.003%
52	9.273	2542	2545	2550	rBV6	865	977	0.01%	0.003%
53	9.376	2574	2577	2581	rVV2	489	502	0.01%	0.001%
54	9.418	2587	2590	2597	rVV6	587	806	0.01%	0.002%
55	9.473	2605	2607	2611	rVB4	995	630	0.01%	0.002%
56	9.521	2620	2622	2628	rVV4	434	487	0.01%	0.001%
57	9.556	2629	2633	2636	rVV4	1041	934	0.01%	0.003%
58	9.637	2656	2658	2661	rVB3	854	504	0.01%	0.001%
59	9.656	2661	2664	2669	rBV5	675	642	0.01%	0.002%
60	9.727	2679	2686	2687	rVV5	586	597	0.01%	0.002%
61	9.740	2687	2690	2696	rVV4	697	729	0.01%	0.002%
62	9.801	2704	2709	2710	rBV3	830	576	0.01%	0.002%
63	9.820	2711	2715	2727	rVV6	1601	3093	0.04%	0.009%
64	9.942	2749	2753	2756	rVB3	665	503	0.01%	0.001%
65	10.093	2798	2800	2804	rVB2	737	491	0.01%	0.001%
66	10.219	2826	2839	2858	rBV	784506	1219263	16.00%	3.438%
67	10.383	2886	2890	2902	rVB5	2616	4311	0.06%	0.012%
68	10.540	2937	2939	2948	rVB6	934	1049	0.01%	0.003%
69	10.579	2948	2951	2953	rBV3	913	560	0.01%	0.002%
70	10.740	2996	3001	3007	rVB5	701	1032	0.01%	0.003%
71	10.778	3007	3013	3015	rBV5	1025	1043	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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	10.852	3033	3036	3040	rVB3	1147	952	0.01%	0.003%
73	10.994	3075	3080	3083	rVB5	854	854	0.01%	0.002%
74	11.013	3083	3086	3090	rBV5	616	564	0.01%	0.002%
75	11.045	3090	3096	3104	rVV7	2259	3612	0.05%	0.010%
76	11.090	3104	3110	3117	rVB7	3271	4360	0.06%	0.012%
77	11.212	3143	3148	3149	rBV3	954	713	0.01%	0.002%
78	11.251	3149	3160	3180	rVV	1190304	1844104	24.20%	5.200%
79	11.344	3188	3189	3195	rVB4	875	604	0.01%	0.002%
80	11.627	3265	3277	3298	rBV	1257757	1944324	25.51%	5.482%
81	11.797	3325	3330	3332	rBV5	1072	997	0.01%	0.003%
82	11.900	3360	3362	3372	rVV5	787	1051	0.01%	0.003%
83	11.958	3375	3380	3385	rVB6	771	962	0.01%	0.003%
84	12.354	3493	3503	3511	rBV6	5619	8769	0.12%	0.025%
85	12.527	3553	3557	3560	rBV2	748	683	0.01%	0.002%
86	12.977	3694	3697	3708	rVB6	1195	1739	0.02%	0.005%
87	13.148	3745	3750	3751	rBV5	780	645	0.01%	0.002%
88	13.222	3768	3773	3778	rBV4	922	1157	0.02%	0.003%
89	13.267	3783	3787	3790	rVB3	803	489	0.01%	0.001%
90	13.354	3811	3814	3818	rVB3	1051	668	0.01%	0.002%
91	13.476	3848	3852	3855	rVB4	789	509	0.01%	0.001%
92	13.582	3883	3885	3888	rBV2	936	692	0.01%	0.002%
93	13.653	3902	3907	3910	rBV4	873	936	0.01%	0.003%
94	13.672	3910	3913	3918	rVV3	563	553	0.01%	0.002%
95	13.739	3931	3934	3939	rBV5	1072	1096	0.01%	0.003%
96	13.762	3939	3941	3946	rVB3	637	634	0.01%	0.002%
97	13.871	3973	3975	3979	rVB3	849	505	0.01%	0.001%
98	14.109	4047	4049	4052	rBV2	733	486	0.01%	0.001%
99	14.598	4197	4201	4203	rBV3	887	692	0.01%	0.002%
100	15.637	4521	4524	4525	rBV2	918	570	0.01%	0.002%

Sum of corrected areas: 35466805

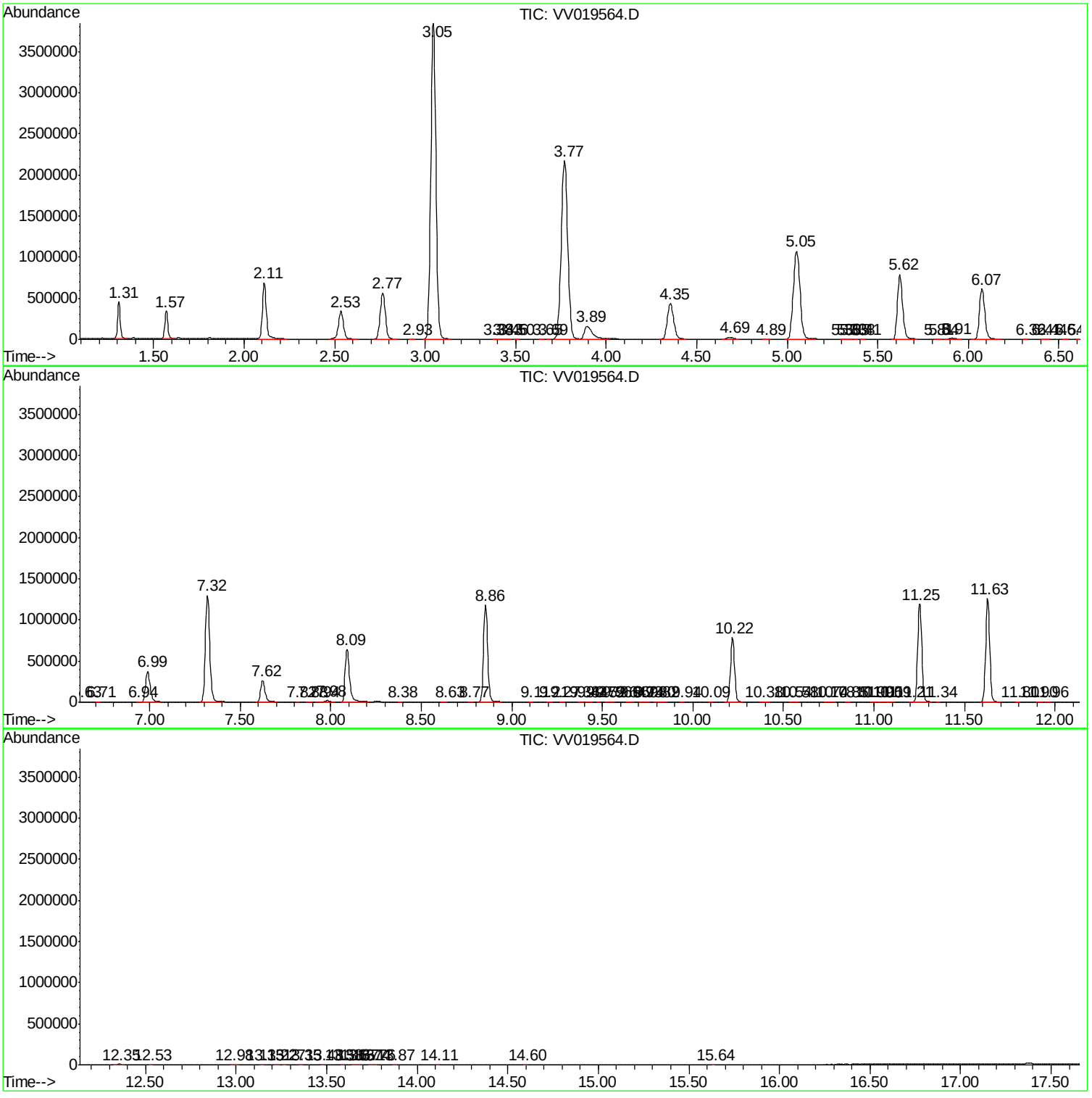
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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 : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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

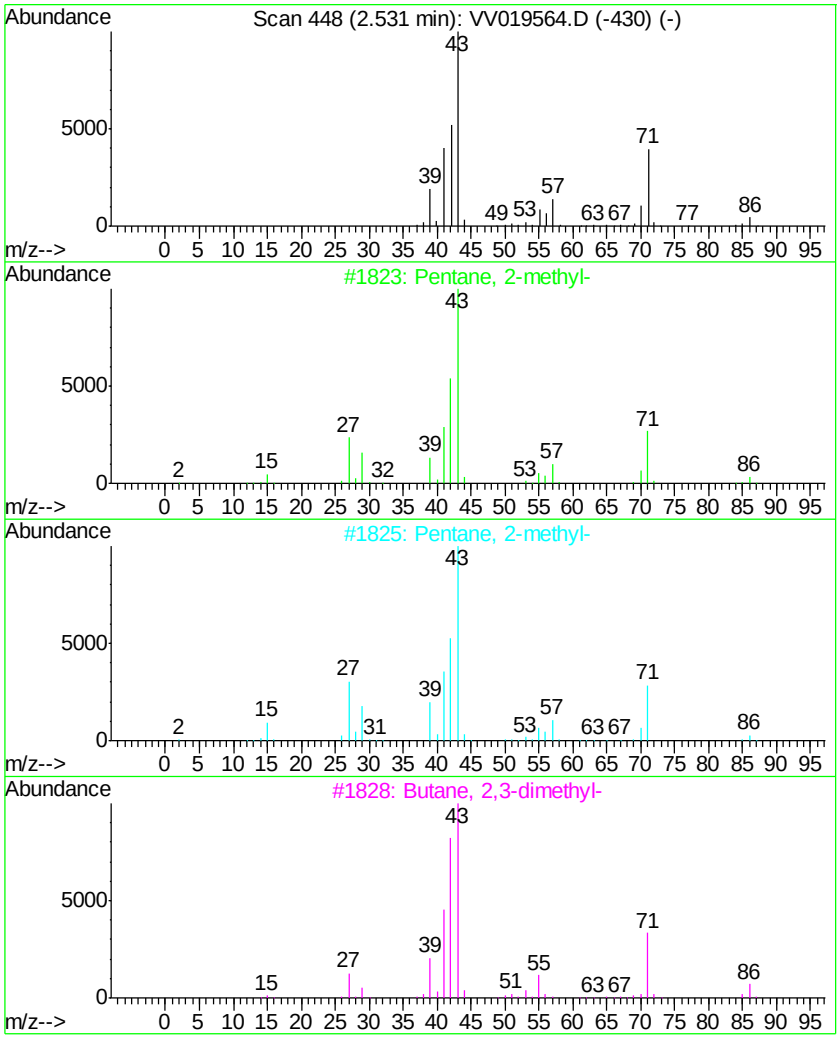
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

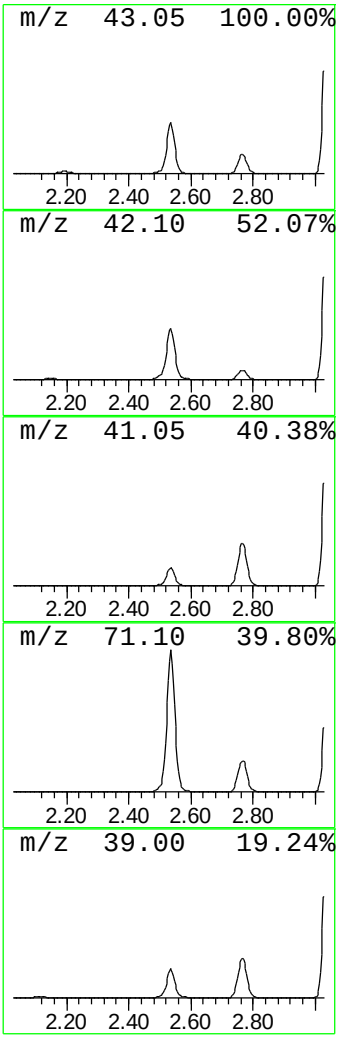
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	21.08 ug/L	664525	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	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

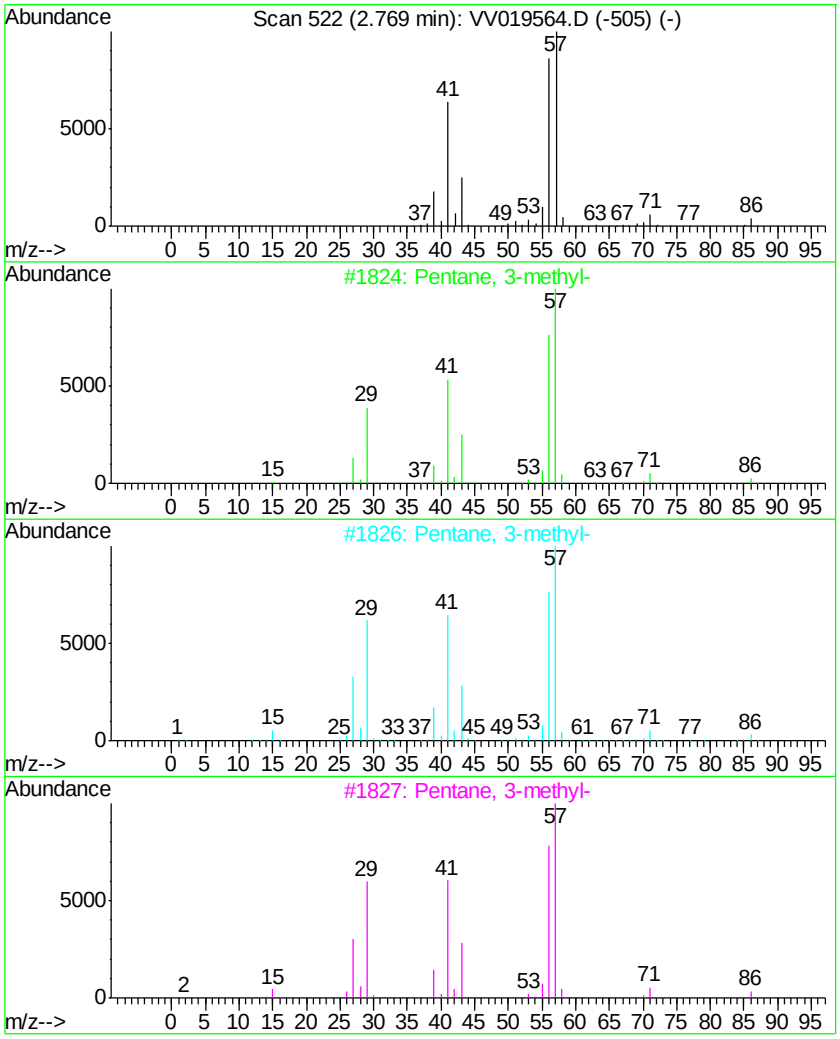
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

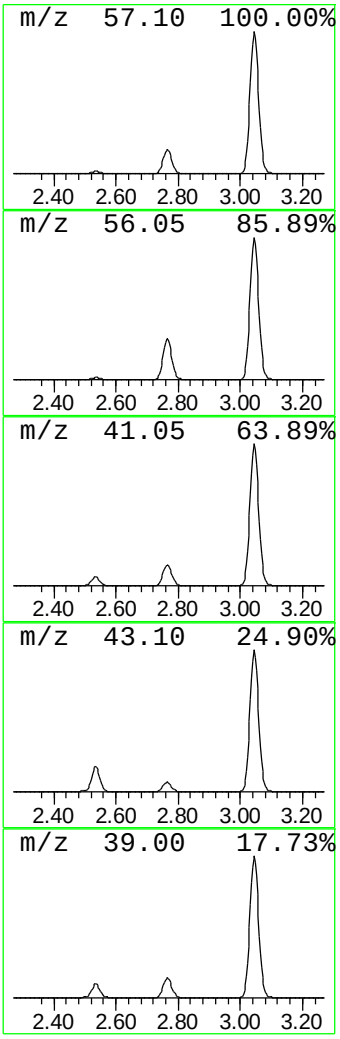
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	35.64 ug/L	1123360	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	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

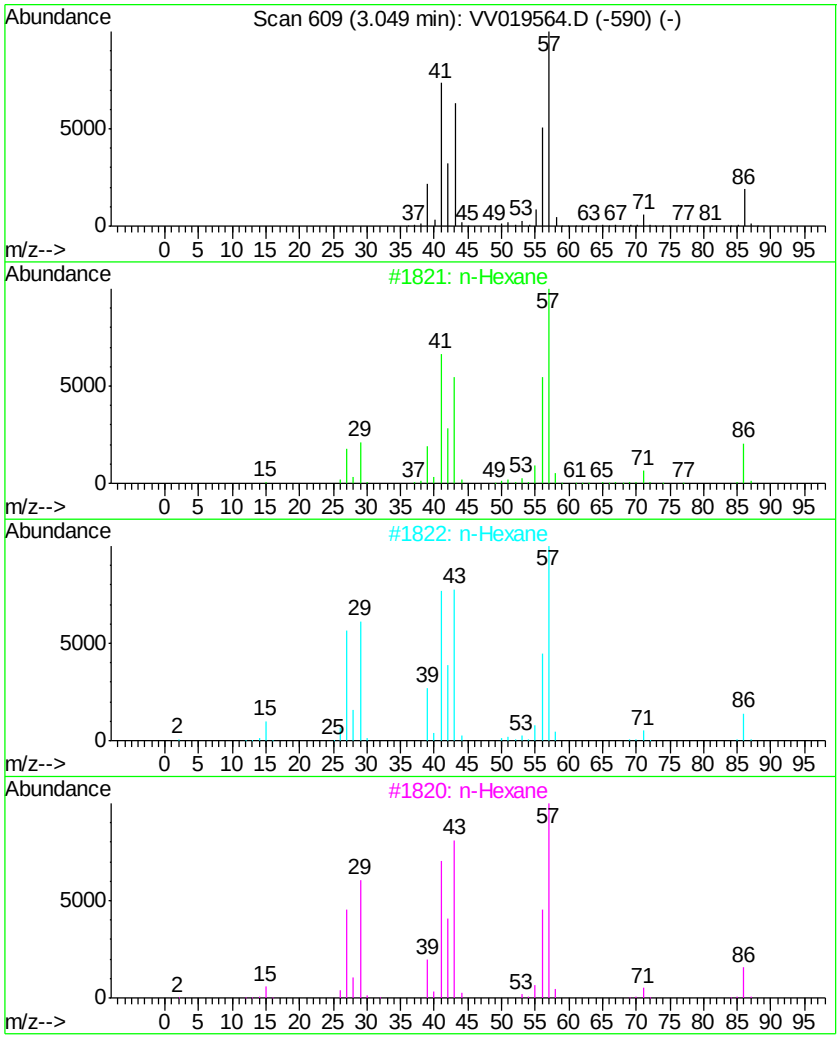
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

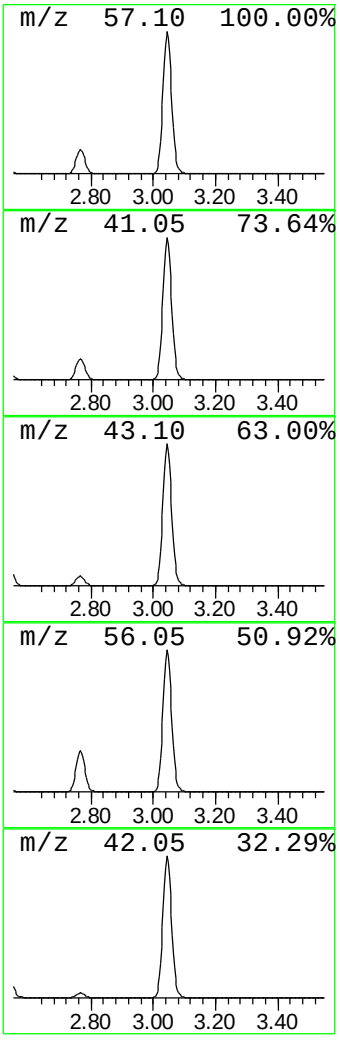
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	241.79 ug/L	7621620	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	83
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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

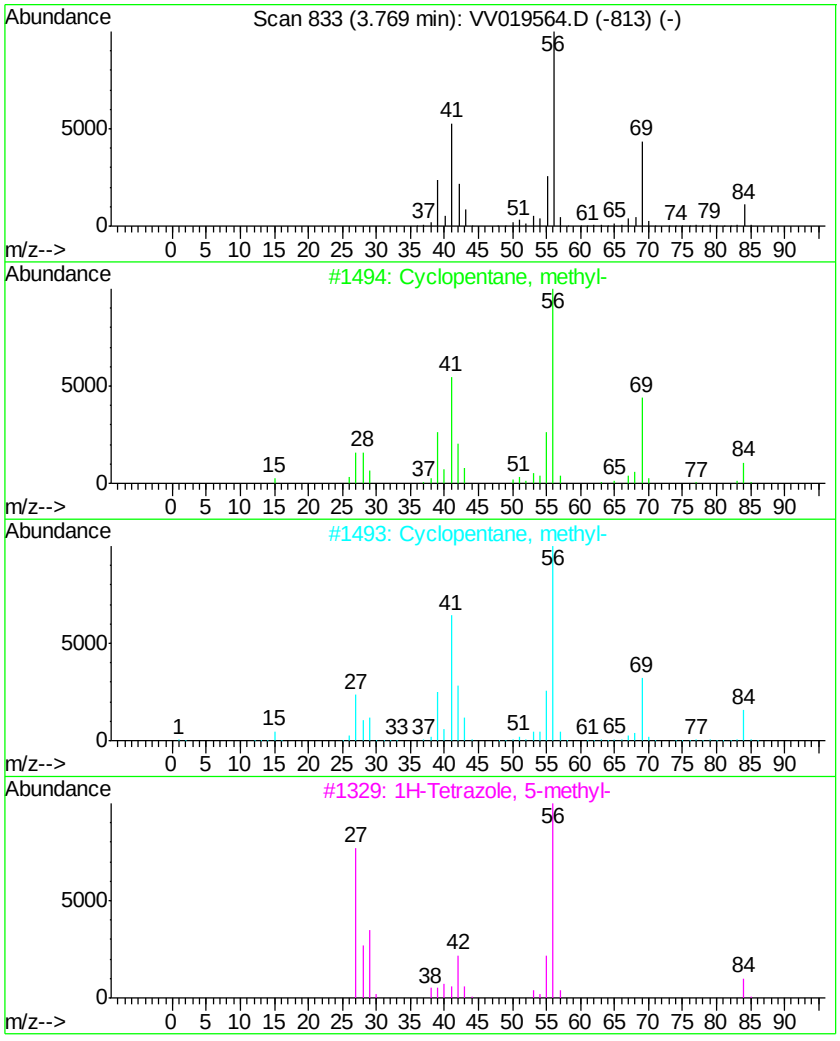
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

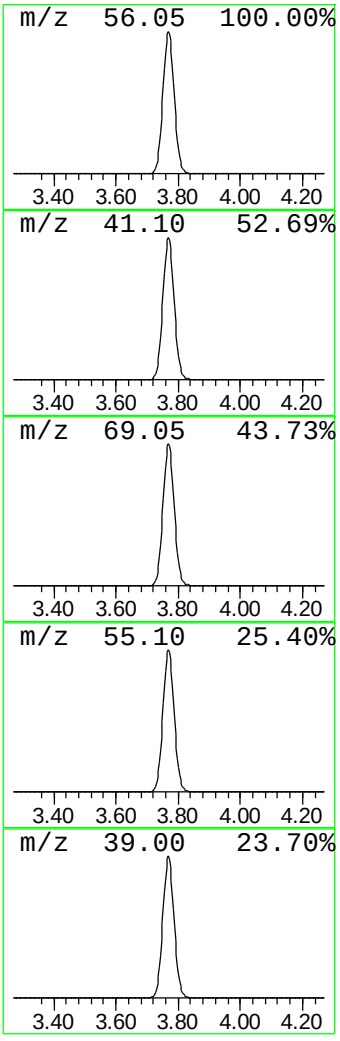
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	173.43 ug/L	5466800	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 : VV019564.D
Acq On : 12 Dec 2020 18:29
Operator : SY/MD
Sample : L4928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J3

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	21.1	ug/L	664525	1	5.62	1576060	50.0
(DEL) Alkane: Str...	2.77	35.6	ug/L	1123360	1	5.62	1576060	50.0
(DEL) Alkane: Str...	3.05	241.8	ug/L	7621620	1	5.62	1576060	50.0
(DEL) Alkane: Cyc...	3.77	173.4	ug/L	5466800	1	5.62	1576060	50.0