LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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	79	rVB	422005	417386	13.47%	1.562%
2	1.569	142	149	162	rBV	339716	381020	12.30%	1.426%
3	2.109	307	317	337	rBV	678343	1023130	33.02%	3.830%
4	2.534	428	449	467	rBV	283757	559150	18.04%	2.093%
5	2.765	505	521	550	rVB	486701	971654	31.36%	3.637%
6	2.897	559	562	566	rBV3	808	498	0.02%	0.002%
7	2.981	586	588	591	rVB4	947	518	0.02%	0.002%
8	3.045	591	608	635	rBV	1571855	3098694	100.00%	11.600%
9	3.431	726	728	733	rVB4	789	612	0.02%	0.002%
10	3.685	802	807	809	rVV4	788	736	0.02%	0.003%
11	3.769	812	833	857	rVV	775122	1958449	63.20%	7.331%
12	3.894	861	872	909	rBV	137485	427744	13.80%	1.601%
13	4.354	998	1015	1045	rVV	432320	1064039	34.34%	3.983%
14	4.582	1082	1086	1090	rBV5	1189	1150	0.04%	0.004%
15	4.682	1105	1117	1137	rVB5	10868	27079	0.87%	0.101%
16	4.878	1173	1178	1181	rBV4	574	546	0.02%	0.002%
17	4.916	1185	1190	1194	rBV4	613	492	0.02%	0.002%
18	5.051	1211	1232	1269	rBV2	1069424	2746461	88.63%	10.281%
19	5.396	1334	1339	1340	rBV3	706	664	0.02%	0.002%
20	5.556	1385	1389	1395	rVB6	1098	1096	0.04%	0.004%
21	5.621	1395	1409	1438	rBV	782422	1559013	50.31%	5.836%
22	5.817	1468	1470	1477	rVB4	1113	926	0.03%	0.003%
23	5.910	1488	1499	1513	rVV3	14451	29667	0.96%	0.111%
24	6.000	1525	1527	1532	rBV3	854	456	0.01%	0.002%
25	6.074	1535	1550	1580	rBV	609740	1231164	39.73%	4.609%
26	6.434	1658	1662	1666	rBV4	697	611	0.02%	0.002%
27	6.524	1685	1690	1691	rBV2	497	463	0.01%	0.002%
28	6.566	1696	1703	1704	rBV5	1574	1592	0.05%	0.006%
29	6.630	1714	1723	1729	rBV7	1659	3153	0.10%	0.012%
30	6.656	1729	1731	1737	rVB4	1002	804	0.03%	0.003%
31	6.698	1742	1744	1750	rVB5	673	532	0.02%	0.002%
32	6.907	1805	1809	1813	rBV3	714	570	0.02%	0.002%
33	6.990	1823	1835	1860	rBV	361328	653660	21.09%	2.447%
34	7.141	1879	1882	1886	rBV3	1041	836	0.03%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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	7.318	1924	1937	1970	rBV	1272432	2196006	70.87%	8.221%
36	7.585	2016	2020	2021	rBV3	571	448	0.01%	0.002%
37	7.624	2021	2032	2057	rBV	254076	437832	14.13%	1.639%
38	7.887	2109	2114	2116	rBV4	495	452	0.01%	0.002%
39	7.981	2134	2143	2153	rVB4	12417	21134	0.68%	0.079%
40	8.026	2153	2157	2160	rBV5	658	509	0.02%	0.002%
41	8.090	2165	2177	2205	rBV	575905	1006764	32.49%	3.769%
42	8.251	2222	2227	2241	rVB8	5424	10521	0.34%	0.039%
43	8.608	2334	2338	2342	rVB3	1096	786	0.03%	0.003%
44	8.643	2346	2349	2356	rVV4	767	827	0.03%	0.003%
45	8.746	2378	2381	2384	rBV3	872	723	0.02%	0.003%
46	8.768	2384	2388	2392	rVB4	596	638	0.02%	0.002%
47	8.855	2402	2415	2444	rBV	1156509	1892931	61.09%	7.086%
48	9.112	2493	2495	2498	rVB2	983	580	0.02%	0.002%
49	9.135	2498	2502	2504	rBV3	881	532	0.02%	0.002%
50	9.157	2504	2509	2513	rVB3	1129	1133	0.04%	0.004%
51	9.337	2562	2565	2568	rBV3	653	466	0.02%	0.002%
52	9.402	2582	2585	2592	rVB5	799	944	0.03%	0.004%
53	9.601	2644	2647	2650	rBV5	666	565	0.02%	0.002%
54	9.823	2706	2716	2724	rBV4	2459	4744	0.15%	0.018%
55	9.919	2742	2746	2750	rVB5	478	455	0.01%	0.002%
56	10.218	2826	2839	2857	rBV	745447	1160699	37.46%	4.345%
57	10.354	2879	2881	2887	rVB5	773	624	0.02%	0.002%
58	10.389	2887	2892	2894	rBV3	1145	980	0.03%	0.004%
59	10.431	2900	2905	2913	rVB7	1382	2004	0.06%	0.008%
60	10.476	2913	2919	2921	rBV5	555	524	0.02%	0.002%
61	10.588	2948	2954	2957	rVV5	1019	1200	0.04%	0.004%
62	10.627	2964	2966	2970	rVB3	1006	433	0.01%	0.002%
63	10.810	3018	3023	3025	rVB3	610	467	0.02%	0.002%
64	10.939	3053	3063	3078	rBV8	5330	12865	0.42%	0.048%
65	11.045	3090	3096	3098	rBV4	1125	1012	0.03%	0.004%
66	11.151	3124	3129	3130	rBV	2245	1590	0.05%	0.006%
67	11.164	3130	3133	3138	rVV6	2920	2716	0.09%	0.010%
68	11.251	3149	3160	3180	rBV	1177873	1818104	58.67%	6.806%
69	11.537	3244	3249	3250	rBV2	956	744	0.02%	0.003%
70	11.627	3265	3277	3299	rBV	1234251	1920342	61.97%	7.189%
71	11.926	3365	3370	3374	rVB5	894	816	0.03%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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	11.977	3382	3386	3390	rBV5	714	748	0.02%	0.003%
73	12.350	3494	3502	3515	rBV4	9685	16733	0.54%	0.063%
74	12.527	3555	3557	3562	rVB3	640	555	0.02%	0.002%
75	12.553	3562	3565	3567	rBV2	667	441	0.01%	0.002%
76	12.575	3567	3572	3577	rBV6	762	778	0.03%	0.003%
77	12.627	3583	3588	3591	rBV5	772	638	0.02%	0.002%
78	12.755	3626	3628	3635	rBV6	503	513	0.02%	0.002%
79	12.890	3667	3670	3674	rBV4	671	578	0.02%	0.002%
80	12.958	3689	3691	3696	rVB3	852	443	0.01%	0.002%
81	13.112	3732	3739	3744	rBV7	853	1345	0.04%	0.005%
82	13.302	3794	3798	3803	rBV4	767	863	0.03%	0.003%
83	13.369	3815	3819	3822	rBV4	869	798	0.03%	0.003%
84	13.517	3862	3865	3870	rVB3	913	750	0.02%	0.003%
85	13.550	3870	3875	3877	rBV4	656	534	0.02%	0.002%
86	13.816	3953	3958	3960	rBV3	617	476	0.02%	0.002%
87	13.836	3960	3964	3968	rVB6	631	610	0.02%	0.002%
88	13.945	3996	3998	4002	rVV4	919	561	0.02%	0.002%
89	13.961	4002	4003	4008	rVB3	731	571	0.02%	0.002%
90	14.077	4036	4039	4042	rBV3	952	750	0.02%	0.003%
91	14.447	4152	4154	4157	rBV4	763	560	0.02%	0.002%
92	14.591	4196	4199	4201	rBV3	1118	801	0.03%	0.003%
93	14.871	4282	4286	4291	rBV5	1009	1243	0.04%	0.005%
94	14.916	4295	4300	4301	rBV3	616	611	0.02%	0.002%
95	14.964	4311	4315	4318	rBV4	723	650	0.02%	0.002%
96	15.086	4349	4353	4356	rBV2	1168	858	0.03%	0.003%
97	15.402	4448	4451	4455	rBV4	887	747	0.02%	0.003%
98	15.508	4481	4484	4488	rBV3	1023	785	0.03%	0.003%
99	15.749	4556	4559	4563	rBV	16031	8810	0.28%	0.033%
100	15.874	4595	4598	4600	rBV3	1096	618	0.02%	0.002%

Sum of corrected areas: 26713043

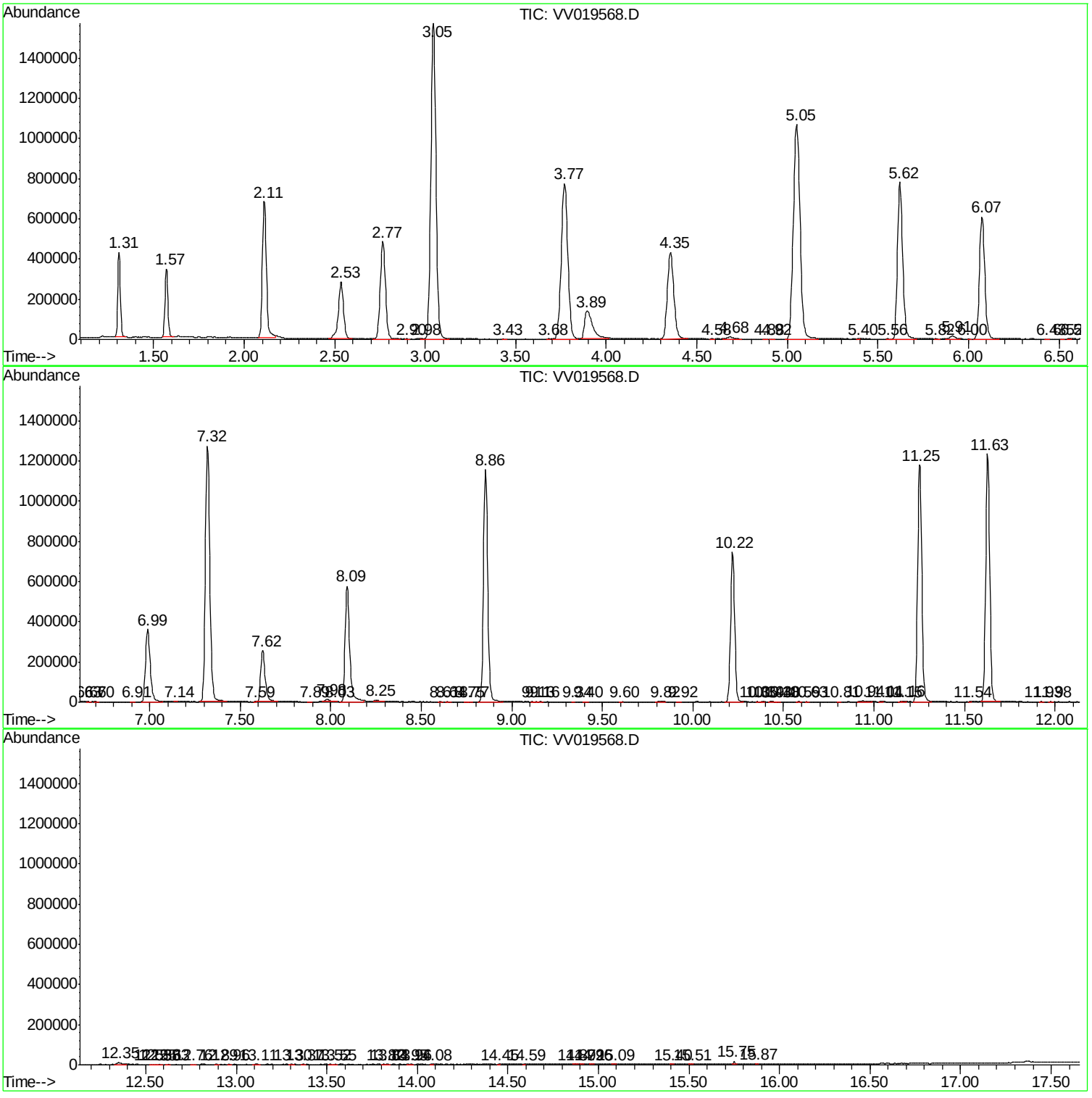
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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 : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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

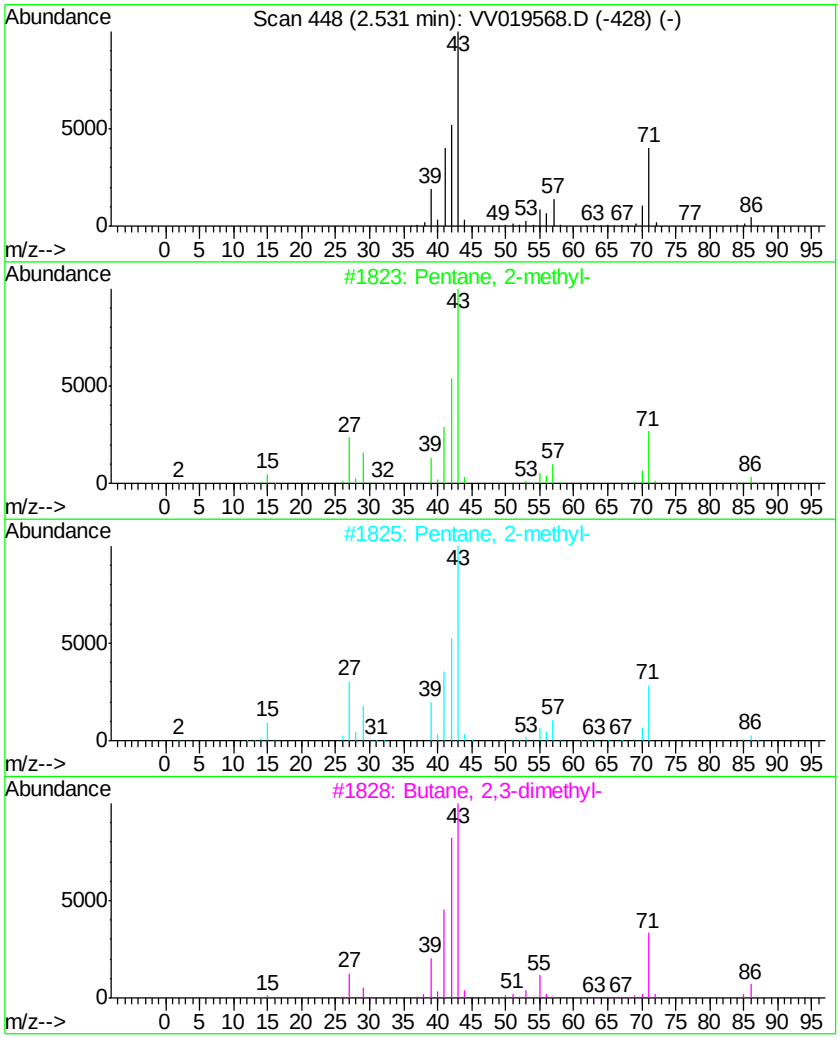
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

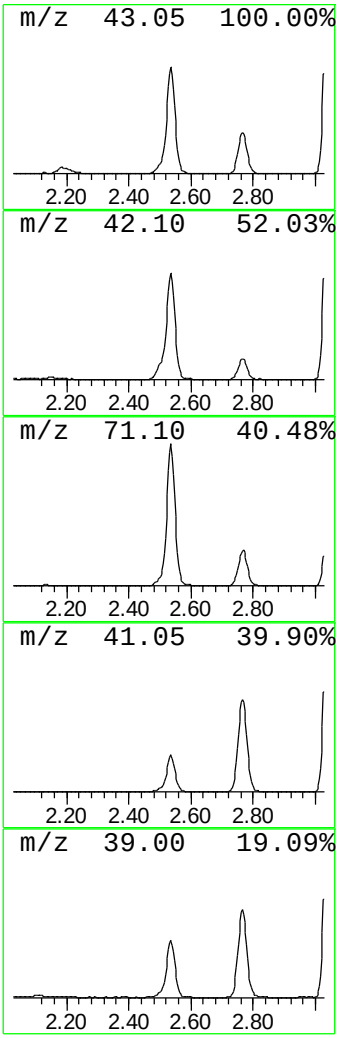
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	17.93 ug/L	559150	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	50
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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

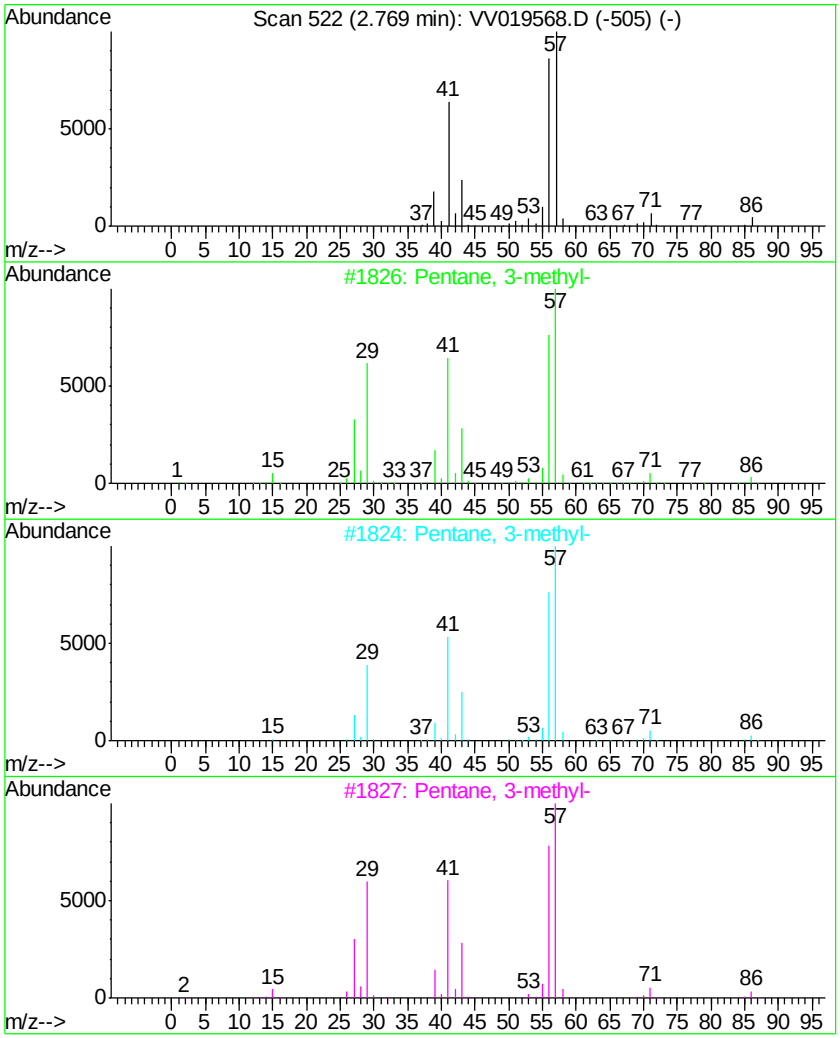
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

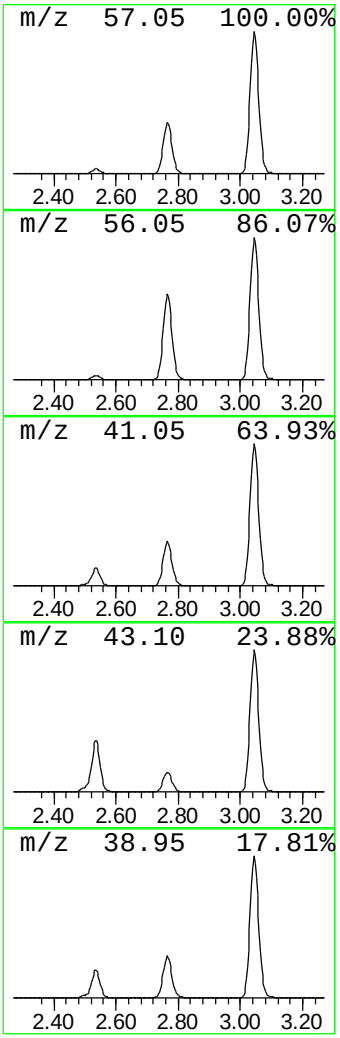
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	31.16 ug/L	971654	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	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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

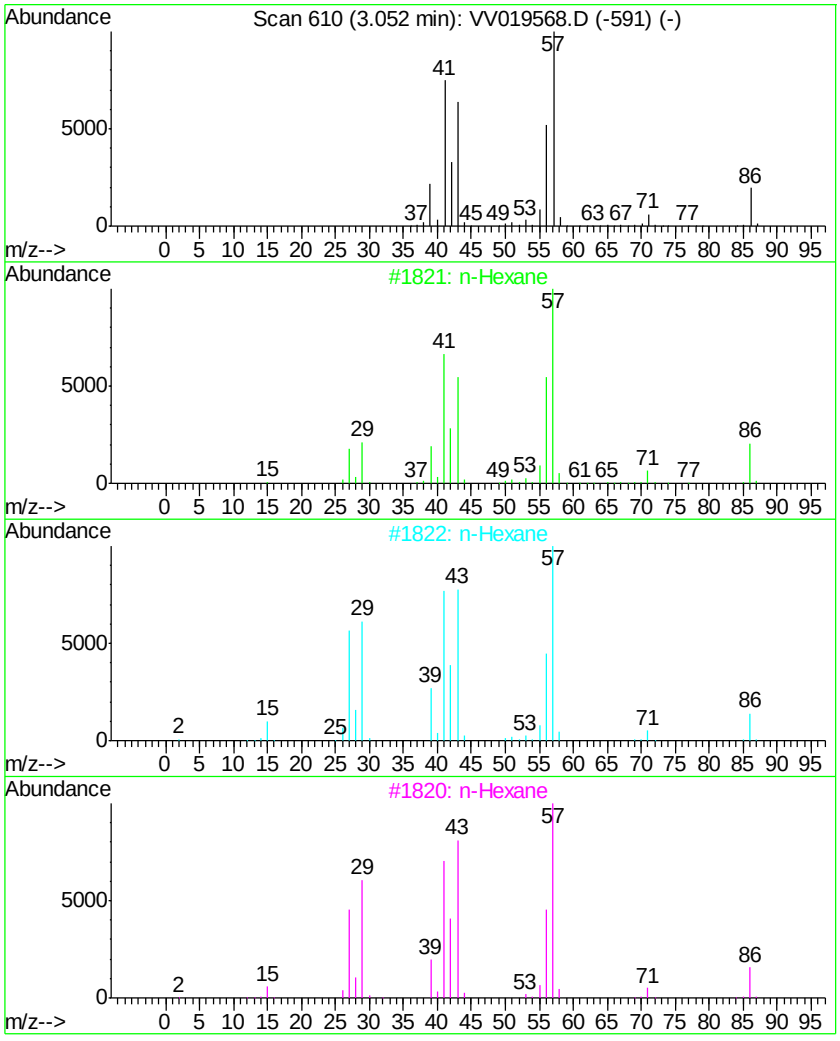
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

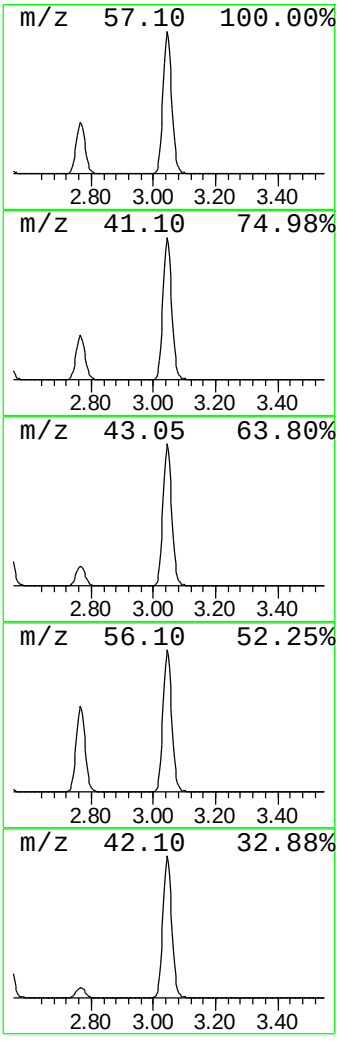
****

Peak Number 3 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	99.38 ug/L	3098690	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	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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

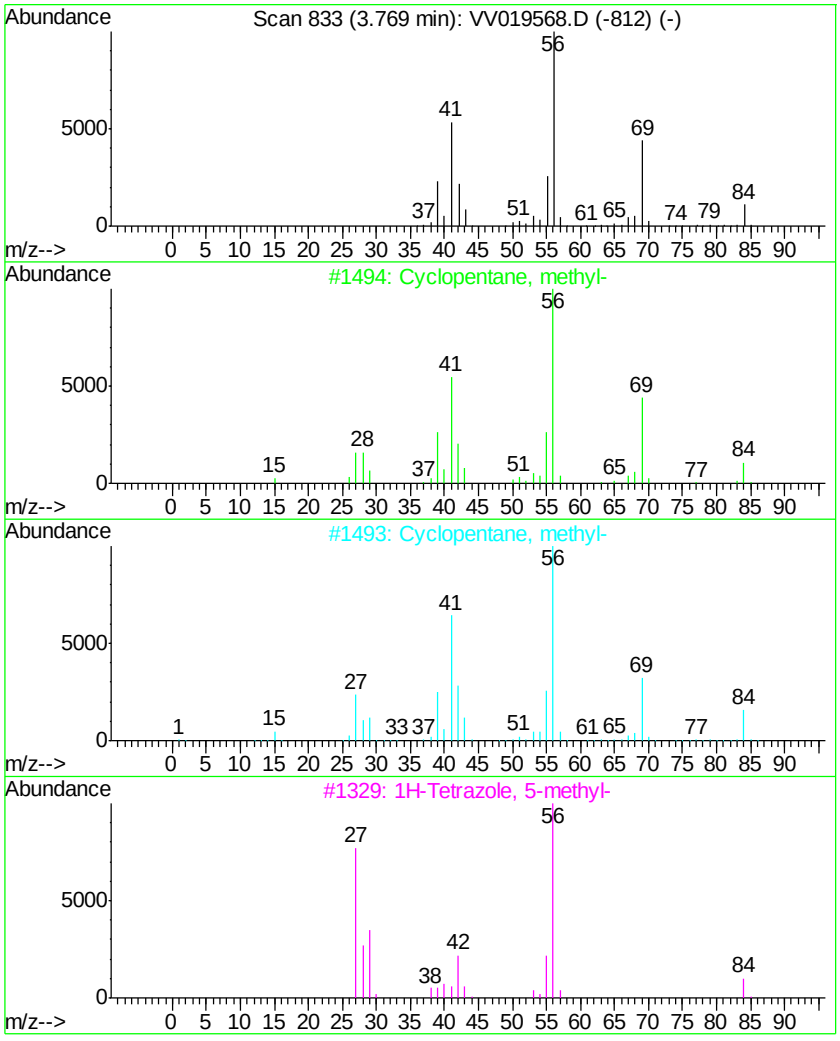
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

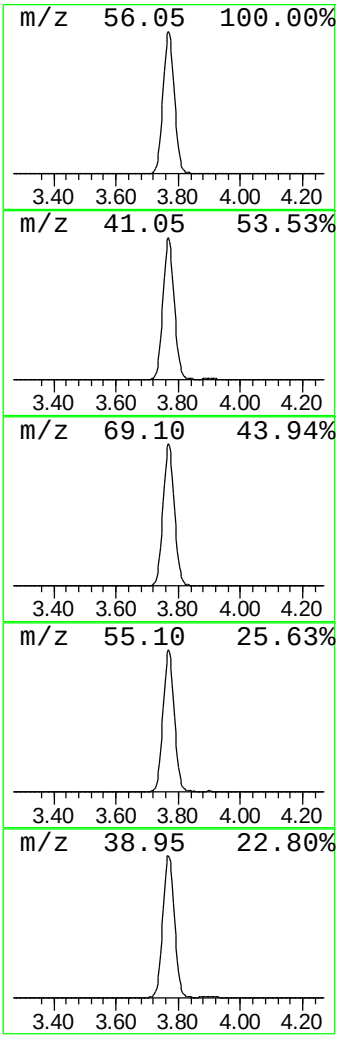
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	62.81 ug/L	1958450	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	Cyclohexane	84	C6H12	000110-82-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121220\
Data File : VV019568.D
Acq On : 12 Dec 2020 20:05
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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
Pentane, 2-methyl-	2.53	17.9	ug/L	559150	1	5.62	1559010	50.0
Pentane, 3-methyl-	2.77	31.2	ug/L	971654	1	5.62	1559010	50.0
n-Hexane	3.05	99.4	ug/L	3098690	1	5.62	1559010	50.0
Cyclopentane, met...	3.77	62.8	ug/L	1958450	1	5.62	1559010	50.0