LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
Data File : VU032580.D
Acq On : 10 Jun 2019 21:11
Operator : JC/SP
Sample : K3277-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C1

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_U\METHOD\SOMULM060619WMA.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	1.180	24	28	38	rBV3	4487	4287	0.23%	0.056%
2	1.395	88	95	111	rVB	93785	99142	5.24%	1.304%
3	1.675	174	182	198	rVB	75233	93823	4.96%	1.234%
4	2.267	355	366	377	rVV	160184	240145	12.69%	3.158%
5	2.325	378	384	396	rVB3	9015	14459	0.76%	0.190%
6	2.457	412	425	451	rBV	50282	118677	6.27%	1.561%
7	2.829	535	541	544	rBV2	728	891	0.05%	0.012%
8	3.010	592	597	600	rBV2	197	186	0.01%	0.002%
9	3.241	664	669	673	rVB2	194	206	0.01%	0.003%
10	3.286	680	683	687	rBV2	210	192	0.01%	0.003%
11	3.376	708	711	714	rBV2	241	173	0.01%	0.002%
12	3.527	754	758	760	rVV2	231	167	0.01%	0.002%
13	3.595	772	779	784	rBV2	223	257	0.01%	0.003%
14	3.694	806	810	815	rVB	250	236	0.01%	0.003%
15	3.727	815	820	824	rBV	350	305	0.02%	0.004%
16	3.865	858	863	866	rBV2	161	166	0.01%	0.002%
17	3.968	891	895	898	rBV	210	175	0.01%	0.002%
18	4.074	924	928	931	rBV	266	239	0.01%	0.003%
19	4.173	947	959	994	rVV	71339	194073	10.26%	2.552%
20	4.376	1020	1022	1031	rVB	455	342	0.02%	0.004%
21	4.527	1061	1069	1075	rVB3	258	464	0.02%	0.006%
22	4.566	1075	1081	1084	rBV2	300	387	0.02%	0.005%
23	4.643	1087	1105	1128	rVV	113774	266844	14.10%	3.509%
24	4.778	1140	1147	1150	rBV2	365	325	0.02%	0.004%
25	4.874	1175	1177	1179	rBV2	331	215	0.01%	0.003%
26	4.891	1181	1182	1188	rVB	441	221	0.01%	0.003%
27	5.103	1240	1248	1251	rVV	239	246	0.01%	0.003%
28	5.334	1297	1320	1343	rBV2	237888	681889	36.03%	8.968%
29	5.534	1379	1382	1388	rVB3	257	257	0.01%	0.003%
30	5.627	1409	1411	1414	rBV	281	201	0.01%	0.003%
31	5.755	1447	1451	1455	rVB2	236	167	0.01%	0.002%
32	5.778	1455	1458	1461	rBV2	283	168	0.01%	0.002%
33	5.791	1461	1462	1467	rVB	273	199	0.01%	0.003%
34	5.823	1467	1472	1475	rBV3	322	326	0.02%	0.004%

LSC Area Percent Report

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Sample : K3277-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C1

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_U\METHOD\SOMULM060619WMA.M
Title : VOC Analysis

35	5.881	1477	1490	1515	rBV	222399	434831	22.98%	5.719%
36	6.180	1568	1583	1608	rBV	992060	1892314	100.00%	24.887%
37	6.325	1615	1628	1653	rVB	152290	304832	16.11%	4.009%
38	6.444	1663	1665	1668	rVB	483	254	0.01%	0.003%
39	6.460	1668	1670	1675	rBV3	317	268	0.01%	0.004%
40	6.624	1716	1721	1725	rBV	232	217	0.01%	0.003%
41	6.855	1790	1793	1797	rVB2	290	196	0.01%	0.003%
42	6.881	1797	1801	1803	rBV	321	166	0.01%	0.002%
43	6.948	1817	1822	1824	rBV2	238	213	0.01%	0.003%
44	7.077	1858	1862	1865	rBV	215	187	0.01%	0.002%
45	7.164	1886	1889	1895	rVB2	186	187	0.01%	0.002%
46	7.225	1895	1908	1935	rBV	87243	160021	8.46%	2.105%
47	7.559	2000	2012	2035	rBV	320496	557407	29.46%	7.331%
48	7.845	2090	2101	2121	rBV2	59106	102599	5.42%	1.349%
49	8.009	2147	2152	2155	rBV3	329	266	0.01%	0.003%
50	8.186	2204	2207	2212	rVB2	376	326	0.02%	0.004%
51	8.225	2212	2219	2229	rBV3	3571	5380	0.28%	0.071%
52	8.305	2234	2244	2281	rBV	215018	403665	21.33%	5.309%
53	8.469	2285	2295	2315	rVB4	7709	15871	0.84%	0.209%
54	8.559	2322	2323	2328	rBV2	286	201	0.01%	0.003%
55	8.627	2341	2344	2348	rVB2	278	186	0.01%	0.002%
56	8.662	2353	2355	2361	rBV2	219	240	0.01%	0.003%
57	8.752	2379	2383	2389	rVB2	216	193	0.01%	0.003%
58	8.791	2389	2395	2398	rBV4	567	558	0.03%	0.007%
59	8.897	2422	2428	2430	rBV	198	211	0.01%	0.003%
60	8.929	2436	2438	2445	rVB2	229	242	0.01%	0.003%
61	8.990	2454	2457	2463	rBV2	151	164	0.01%	0.002%
62	9.083	2472	2486	2513	rBV	321712	533601	28.20%	7.018%
63	9.302	2551	2554	2563	rVB2	207	215	0.01%	0.003%
64	9.636	2655	2658	2666	rVB	196	189	0.01%	0.002%
65	9.752	2691	2694	2700	rVV2	195	195	0.01%	0.003%
66	9.948	2752	2755	2760	rBV2	236	230	0.01%	0.003%
67	10.035	2777	2782	2783	rBV	974	719	0.04%	0.009%
68	10.138	2809	2814	2820	rVB2	374	427	0.02%	0.006%
69	10.238	2841	2845	2850	rVB2	278	245	0.01%	0.003%
70	10.273	2852	2856	2859	rBV	223	183	0.01%	0.002%
71	10.334	2873	2875	2880	rVB2	230	177	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C1

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Title : VOC Analysis

72	10.427	2892	2904	2929	rBV	216259	341827	18.06%	4.496%
73	10.562	2940	2946	2949	rBV2	304	356	0.02%	0.005%
74	10.749	3001	3004	3011	rVB2	587	585	0.03%	0.008%
75	10.836	3023	3031	3038	rBV2	186	319	0.02%	0.004%
76	11.289	3169	3172	3179	rVB3	270	336	0.02%	0.004%
77	11.369	3189	3197	3210	rBV4	6573	11355	0.60%	0.149%
78	11.479	3218	3231	3260	rBV	338560	545139	28.81%	7.170%
79	11.649	3281	3284	3288	rVB3	462	335	0.02%	0.004%
80	11.720	3303	3306	3309	rBV3	265	178	0.01%	0.002%
81	11.758	3309	3318	3329	rBV5	2532	5118	0.27%	0.067%
82	11.855	3336	3348	3372	rBV	321366	519016	27.43%	6.826%
83	12.032	3400	3403	3406	rVB3	531	314	0.02%	0.004%
84	12.080	3415	3418	3422	rVB2	380	283	0.01%	0.004%
85	12.125	3428	3432	3433	rBV	304	194	0.01%	0.003%
86	12.443	3523	3531	3534	rBV2	311	371	0.02%	0.005%
87	12.466	3534	3538	3541	rBV2	236	189	0.01%	0.002%
88	12.520	3549	3555	3560	rBV2	356	516	0.03%	0.007%
89	12.569	3560	3570	3580	rBV3	15906	29408	1.55%	0.387%
90	12.842	3653	3655	3658	rVB2	366	177	0.01%	0.002%
91	12.954	3682	3690	3702	rBV7	3697	6852	0.36%	0.090%
92	13.520	3864	3866	3868	rVB2	451	193	0.01%	0.003%
93	13.594	3878	3889	3890	rBV4	779	1118	0.06%	0.015%
94	13.684	3913	3917	3920	rBV2	585	512	0.03%	0.007%
95	13.700	3920	3922	3924	rBV3	387	196	0.01%	0.003%
96	13.790	3948	3950	3954	rBV3	265	195	0.01%	0.003%
97	14.064	4033	4035	4039	rBV2	236	205	0.01%	0.003%
98	14.106	4045	4048	4050	rBV	297	224	0.01%	0.003%
99	14.199	4074	4077	4083	rVB3	343	326	0.02%	0.004%
100	15.086	4350	4353	4357	rBV	472	303	0.02%	0.004%

Sum of corrected areas: 7603566

LSC Report - Integrated Chromatogram

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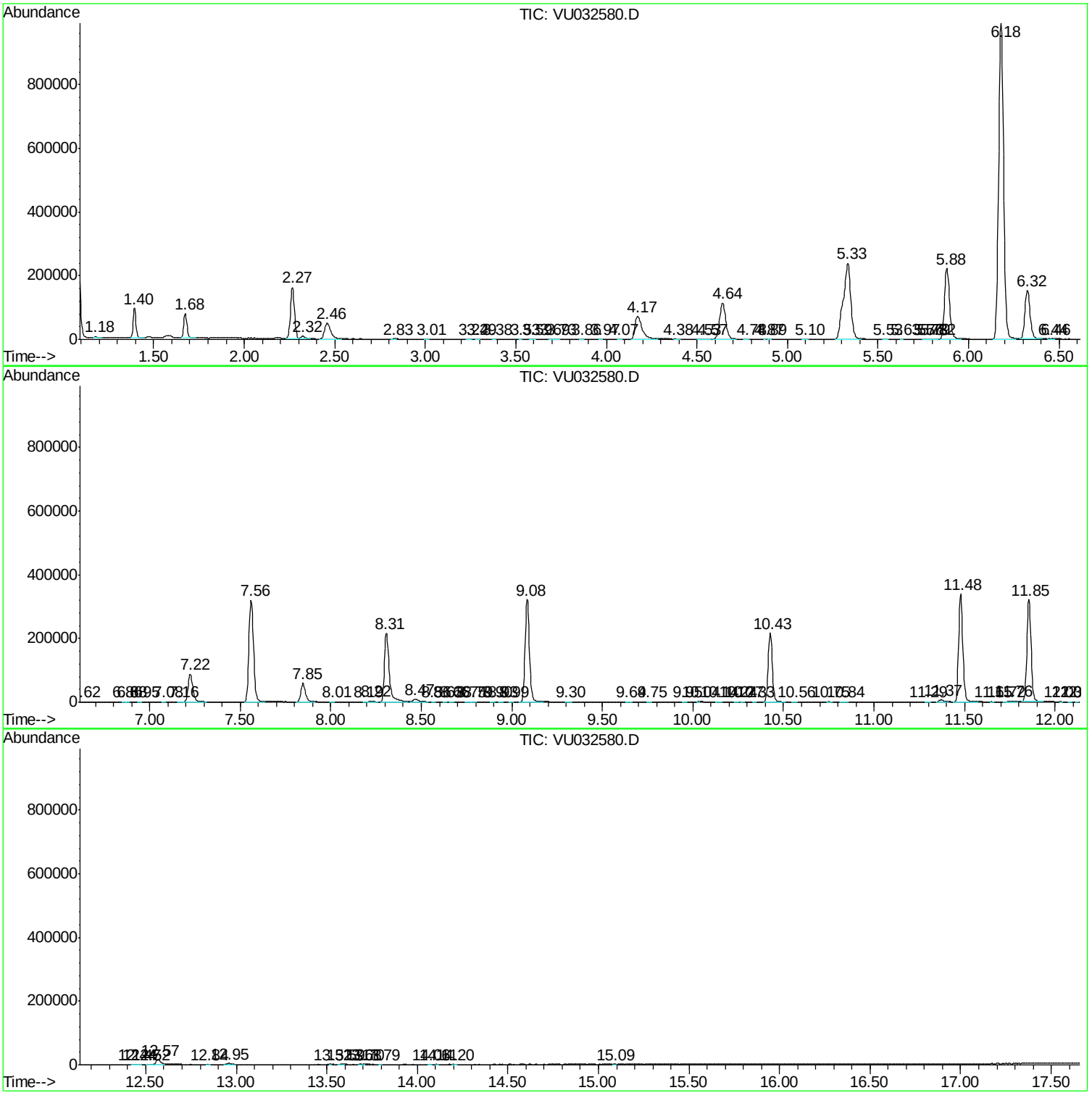
Instrument : MSVOA_U
ClientSampleId : DB8C1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

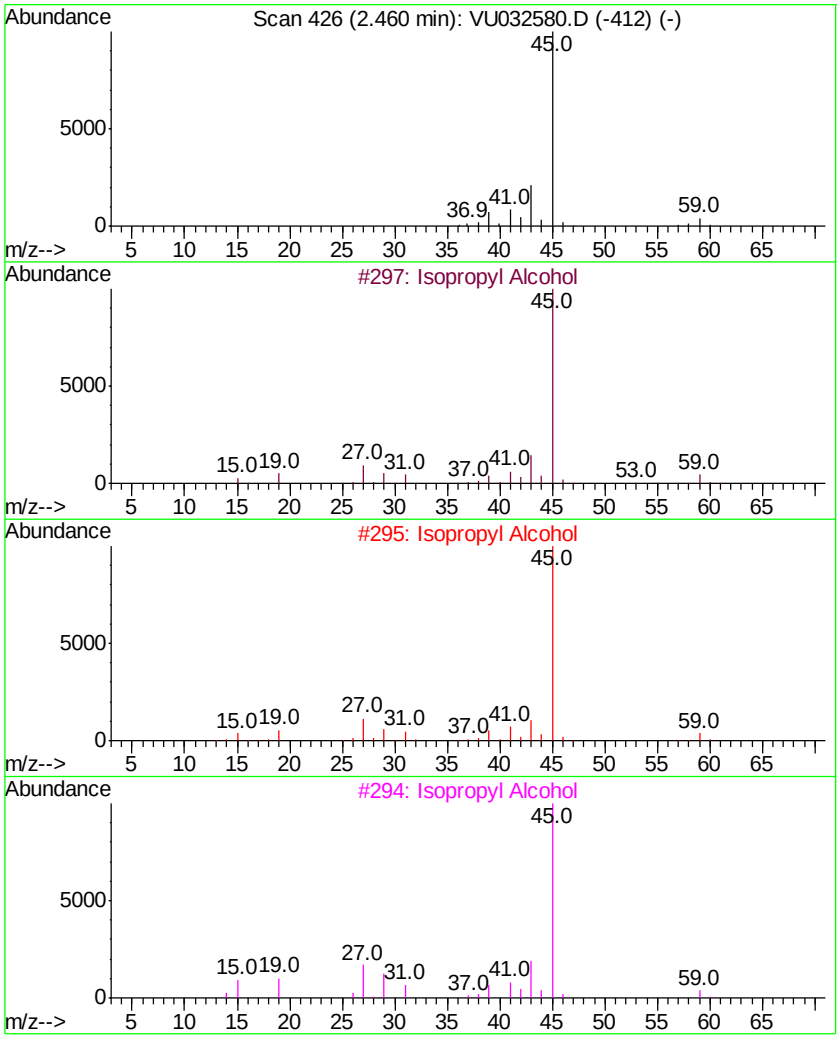
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

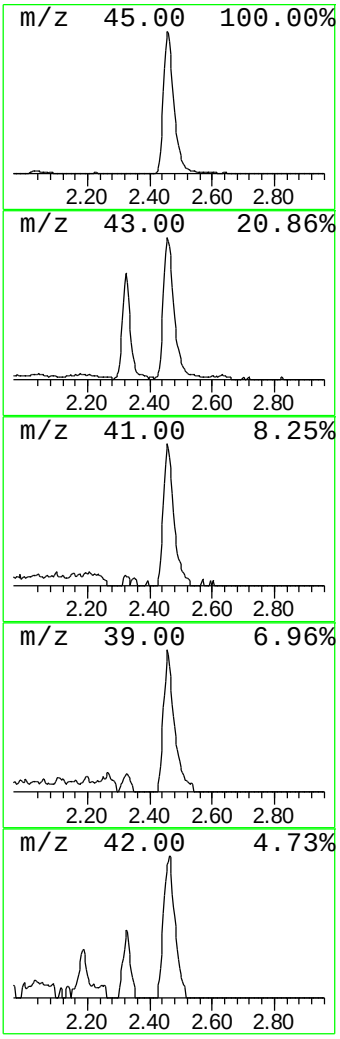
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.46	13.65 ug/L	118677	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
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Instrument : MSVOA_U
ClientSampleId : DB8C1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

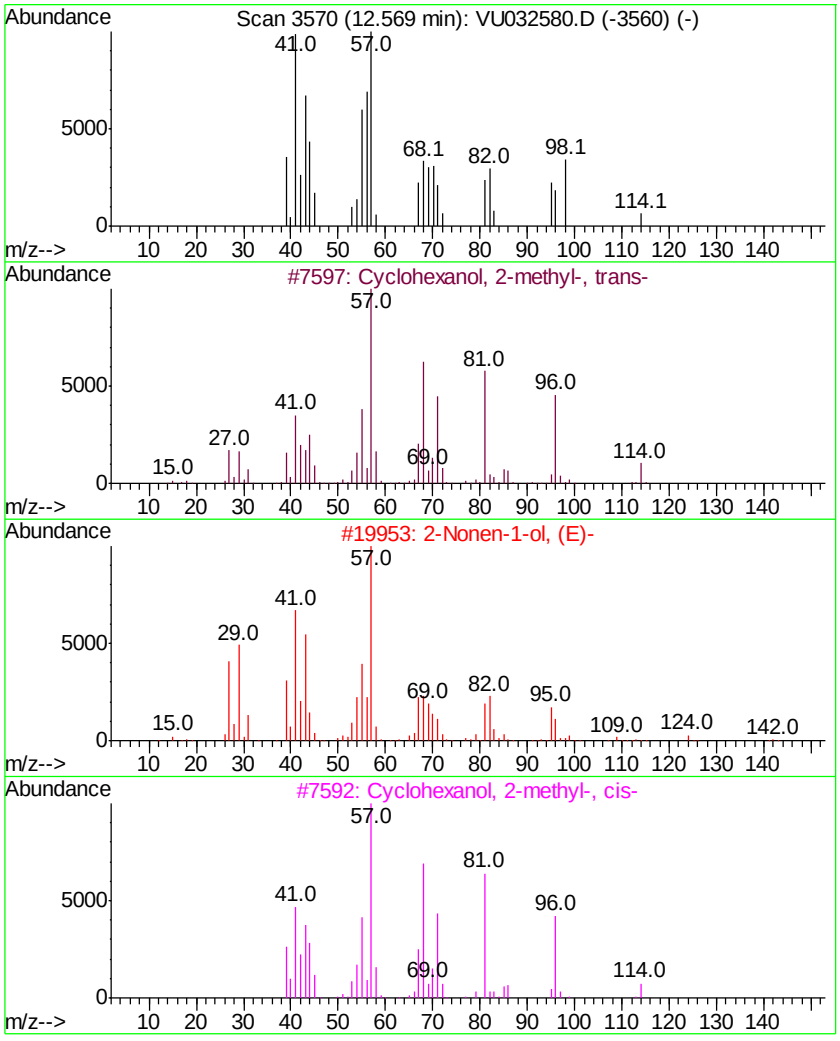
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

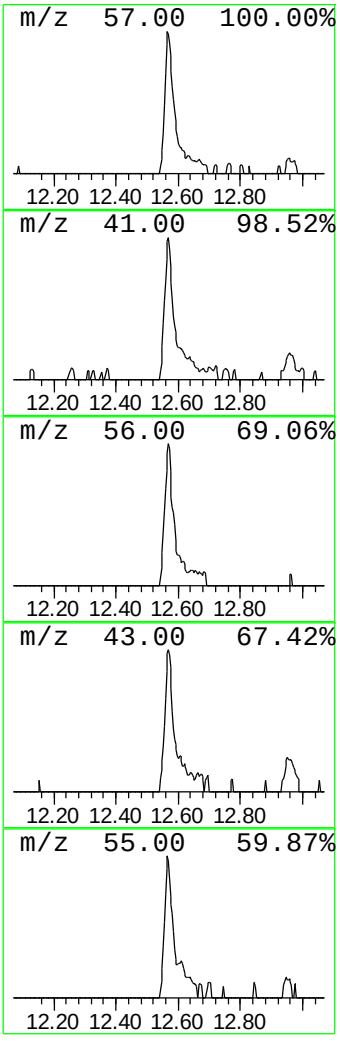
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.70 ug/L	29408	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38
2	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	38
3	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	35
4	2-Heptene	98	C7H14	000592-77-8	30
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	22





Tentatively Identified Compound (LSC) summary

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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
Isopropyl Alcohol	2.46	13.7	ug/L	118677	1	5.88	434831	50.0
unknown-01	12.57	2.7	ug/L	29408	3	11.48	545139	50.0