LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047982.D
Acq On : 13 Apr 2022 01:33
Operator : SY/MD
Sample : N2345-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

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\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	13	rVB3	1148	953	0.00%	0.000%
2	1.488	42	46	50	rVB4	1263	1123	0.00%	0.000%
3	1.523	50	57	64	rBV7	1716	2923	0.00%	0.000%
4	1.597	72	80	96	rBV	170627	202736	0.03%	0.011%
5	1.771	127	134	144	rVB6	5850	8168	0.00%	0.000%
6	1.912	169	178	196	rBV	133642	188087	0.03%	0.010%
7	1.996	197	204	212	rVB2	8872	12394	0.00%	0.001%
8	2.208	264	270	276	rVB4	4053	4965	0.00%	0.000%
9	2.395	324	328	329	rBV4	1116	822	0.00%	0.000%
10	2.568	369	382	397	rBV	276731	458245	0.08%	0.024%
11	2.684	412	418	431	rVB3	2938	5180	0.00%	0.000%
12	2.758	431	441	447	rBV	5909	11049	0.00%	0.001%
13	3.047	519	531	546	rBV2	22505	46891	0.01%	0.002%
14	3.137	547	559	574	rVB2	43784	88918	0.01%	0.005%
15	3.359	619	628	643	rVB8	5106	9770	0.00%	0.001%
16	3.568	689	693	701	rVV2	293	405	0.00%	0.000%
17	3.697	727	733	743	rBV5	1148	2281	0.00%	0.000%
18	3.899	789	796	800	rBV3	324	422	0.00%	0.000%
19	4.536	976	994	1009	rBV2	114695	281303	0.05%	0.015%
20	4.623	1009	1021	1057	rVB	138656	414817	0.07%	0.022%
21	4.832	1080	1086	1090	rVV3	358	454	0.00%	0.000%
22	5.067	1139	1159	1186	rBV3	253002	684285	0.11%	0.036%
23	5.285	1223	1227	1228	rBV	758	483	0.00%	0.000%
24	5.295	1228	1230	1237	rVV3	896	803	0.00%	0.000%
25	5.394	1245	1261	1281	rVB2	72510	170601	0.03%	0.009%
26	5.632	1330	1335	1338	rBV4	971	1081	0.00%	0.000%
27	5.652	1338	1341	1344	rVB2	958	675	0.00%	0.000%
28	5.848	1344	1402	1415	rBV6	113618244	590715834	98.73%	30.739%
29	5.928	1417	1427	1491	rVB	2314187	6651304	1.11%	0.346%
30	6.256	1519	1529	1545	rVB	486284	934998	0.16%	0.049%
31	6.468	1591	1595	1596	rBV4	466	376	0.00%	0.000%
32	6.546	1608	1619	1634	rVB2	34470	65525	0.01%	0.003%
33	6.629	1643	1645	1650	rVB4	648	504	0.00%	0.000%
34	6.697	1650	1666	1681	rBV	334556	654967	0.11%	0.034%
35	6.983	1749	1755	1764	rBV8	2309	4109	0.00%	0.000%
36	7.021	1764	1767	1771	rVB2	790	619	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

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\SFAMULM032422WMA.M
Title : VOC Analysis

37	7.050	1771	1776	1782	rBV5	615	850	0.00%	0.000%
38	7.121	1794	1798	1802	rVV4	932	802	0.00%	0.000%
39	7.140	1802	1804	1808	rVV3	565	453	0.00%	0.000%
40	7.185	1809	1818	1829	rVV5	4725	9285	0.00%	0.000%
41	7.362	1865	1873	1877	rBV3	571	934	0.00%	0.000%
42	7.414	1877	1889	1900	rVB4	8286	15401	0.00%	0.001%
43	7.568	1922	1937	1953	rBV	167142	297644	0.05%	0.015%
44	7.693	1968	1976	1985	rVB4	3010	4872	0.00%	0.000%
45	7.790	2002	2006	2011	rBV4	720	858	0.00%	0.000%
46	7.902	2027	2041	2054	rBV	684910	1192410	0.20%	0.062%
47	7.973	2054	2063	2078	rVV	111035	198553	0.03%	0.010%
48	8.031	2079	2081	2089	rVB6	1500	1533	0.00%	0.000%
49	8.118	2105	2108	2113	rVB3	624	531	0.00%	0.000%
50	8.182	2113	2128	2146	rBV	118203	205963	0.03%	0.011%
51	8.478	2209	2220	2233	rVB4	3630	6457	0.00%	0.000%
52	8.558	2233	2245	2258	rBV3	46756	81744	0.01%	0.004%
53	8.645	2258	2272	2306	rBV	376778	892380	0.15%	0.046%
54	8.845	2331	2334	2340	rVB3	1015	754	0.00%	0.000%
55	9.513	2502	2542	2549	rBV3	119568645	598298335	100.00%	31.133%
56	10.674	2897	2903	2911	rVB8	2873	4257	0.00%	0.000%
57	10.761	2917	2930	2956	rBV2	562259	1092469	0.18%	0.057%
58	10.899	2962	2973	2982	rBV2	6767	11568	0.00%	0.001%
59	10.992	2991	3002	3014	rBV	87859	139585	0.02%	0.007%
60	11.050	3017	3020	3026	rVV3	2987	3931	0.00%	0.000%
61	11.102	3027	3036	3055	rVB2	55193	93930	0.02%	0.005%
62	11.417	3130	3134	3135	rBV3	933	695	0.00%	0.000%
63	11.478	3144	3153	3162	rVB9	3924	7104	0.00%	0.000%
64	11.520	3162	3166	3168	rBV3	736	595	0.00%	0.000%
65	11.594	3184	3189	3196	rVB7	1715	2429	0.00%	0.000%
66	11.758	3221	3240	3253	rBV	13934993	25704763	4.30%	1.338%
67	11.880	3253	3278	3325	rVB7	128026475	404606225	67.63%	21.054%
68	12.243	3366	3391	3435	rBV5	112137744	258090030	43.14%	13.430%
69	12.693	3525	3531	3540	rVB4	7124	10557	0.00%	0.001%
70	12.774	3552	3556	3563	rVB5	2159	2416	0.00%	0.000%
71	12.902	3592	3596	3602	rBV7	3144	3103	0.00%	0.000%
72	12.970	3606	3617	3634	rVB	87591	137836	0.02%	0.007%
73	13.082	3644	3652	3657	rBV5	3712	5177	0.00%	0.000%
74	13.150	3663	3673	3689	rVB4	15794	36736	0.01%	0.002%
75	13.221	3689	3695	3697	rBV7	2597	2794	0.00%	0.000%
76	13.330	3719	3729	3738	rBV	37648	59127	0.01%	0.003%

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Sample : N2345-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

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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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

77	13.375	3739	3743	3760	rVB8	3963	6397	0.00%	0.000%
78	13.452	3764	3767	3772	rVB5	1044	728	0.00%	0.000%
79	13.577	3798	3806	3814	rVB8	2898	4814	0.00%	0.000%
80	13.626	3818	3821	3828	rBV7	855	1099	0.00%	0.000%
81	13.655	3828	3830	3833	rVB3	921	470	0.00%	0.000%
82	13.671	3833	3835	3839	rBV3	633	595	0.00%	0.000%
83	13.758	3858	3862	3863	rBV3	563	452	0.00%	0.000%
84	13.844	3873	3889	3917	rBV	17877235	27470903	4.59%	1.429%
85	14.089	3956	3965	3975	rVB	20621	32562	0.01%	0.002%
86	14.224	4004	4007	4011	rBV6	903	773	0.00%	0.000%
87	14.240	4011	4012	4019	rVB4	1365	984	0.00%	0.000%
88	14.330	4028	4040	4064	rVB	830503	1323370	0.22%	0.069%
89	14.548	4106	4108	4110	rVV2	918	486	0.00%	0.000%
90	14.571	4113	4115	4123	rVV8	1232	1644	0.00%	0.000%
91	14.613	4123	4128	4140	rVB8	4251	6567	0.00%	0.000%
92	14.677	4145	4148	4151	rVB2	799	481	0.00%	0.000%
93	14.729	4161	4164	4169	rBV4	914	821	0.00%	0.000%
94	14.883	4207	4212	4215	rBV7	1235	1055	0.00%	0.000%
95	15.320	4342	4348	4353	rVB7	1860	2213	0.00%	0.000%
96	15.548	4411	4419	4427	rVB9	4421	6650	0.00%	0.000%
97	15.597	4430	4434	4439	rVB6	1233	1275	0.00%	0.000%
98	15.883	4515	4523	4526	rBV8	4461	6266	0.00%	0.000%
99	16.262	4638	4641	4642	rBV3	878	458	0.00%	0.000%
100	16.391	4674	4681	4689	rVB8	7579	10617	0.00%	0.001%

Sum of corrected areas: 1921734836

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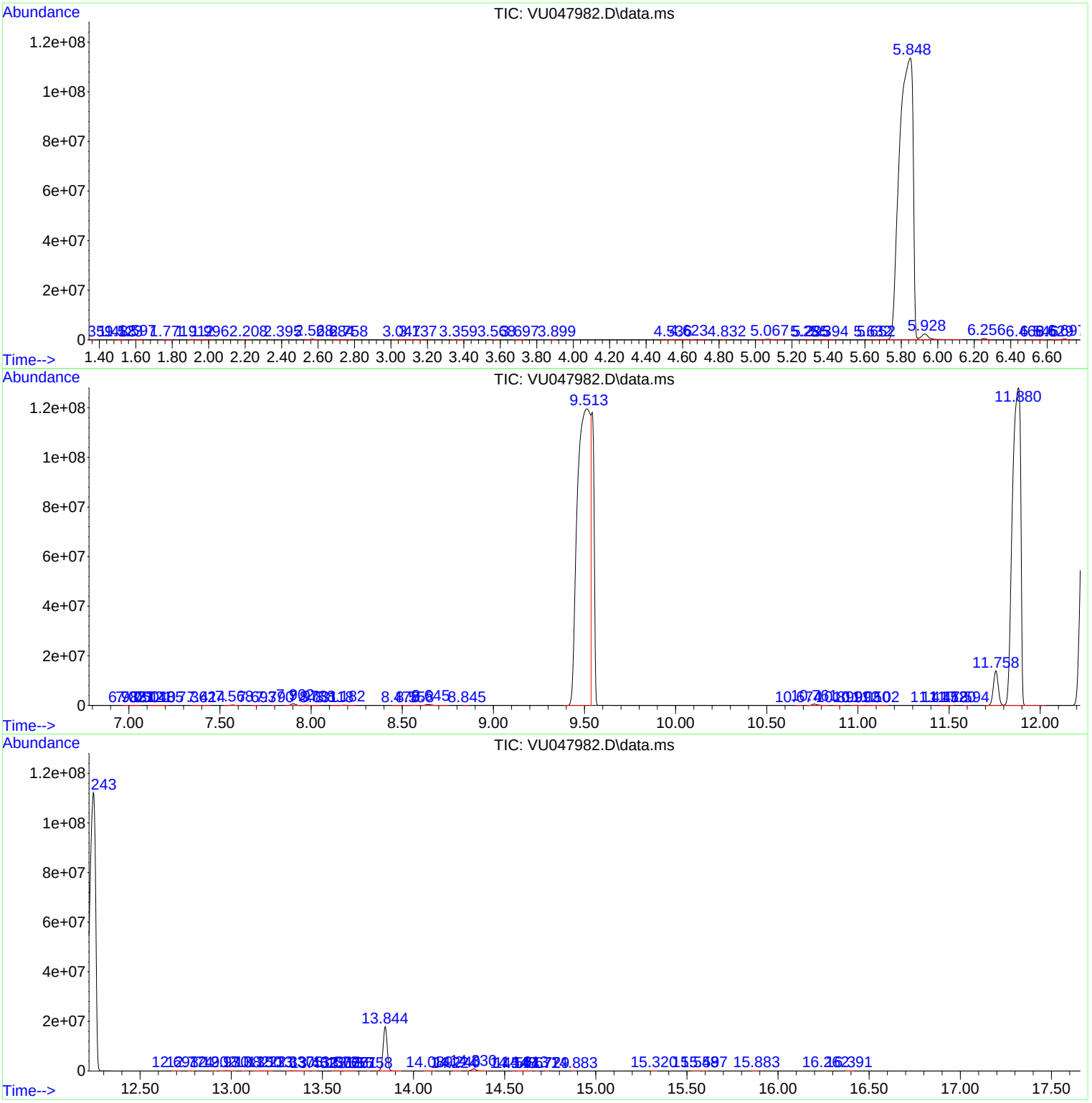
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
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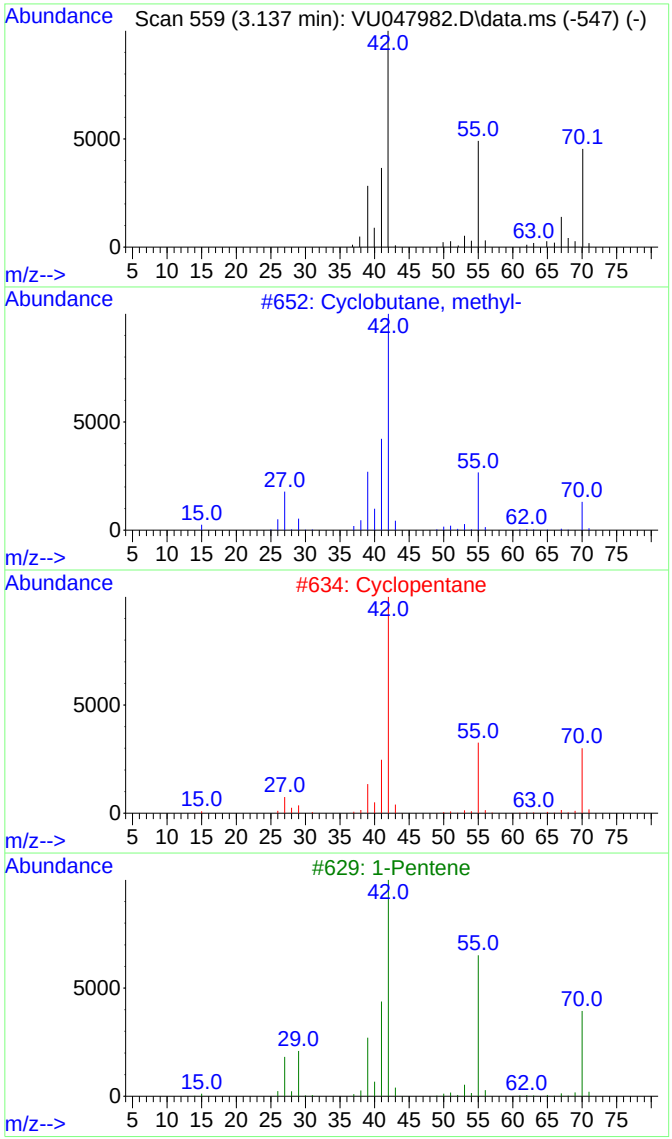
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

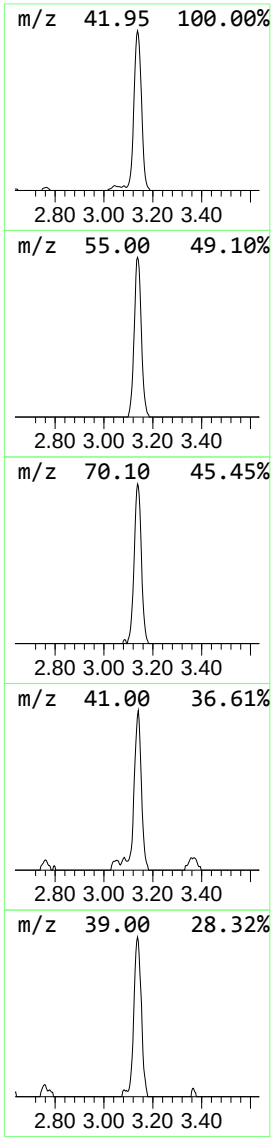
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.137 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.137	4.75 ug/L	88918	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	1-Pentene	70	C5H10	000109-67-1	72
4	Cyclopentane	70	C5H10	000287-92-3	72
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047982.D
Acq On : 13 Apr 2022 01:33
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

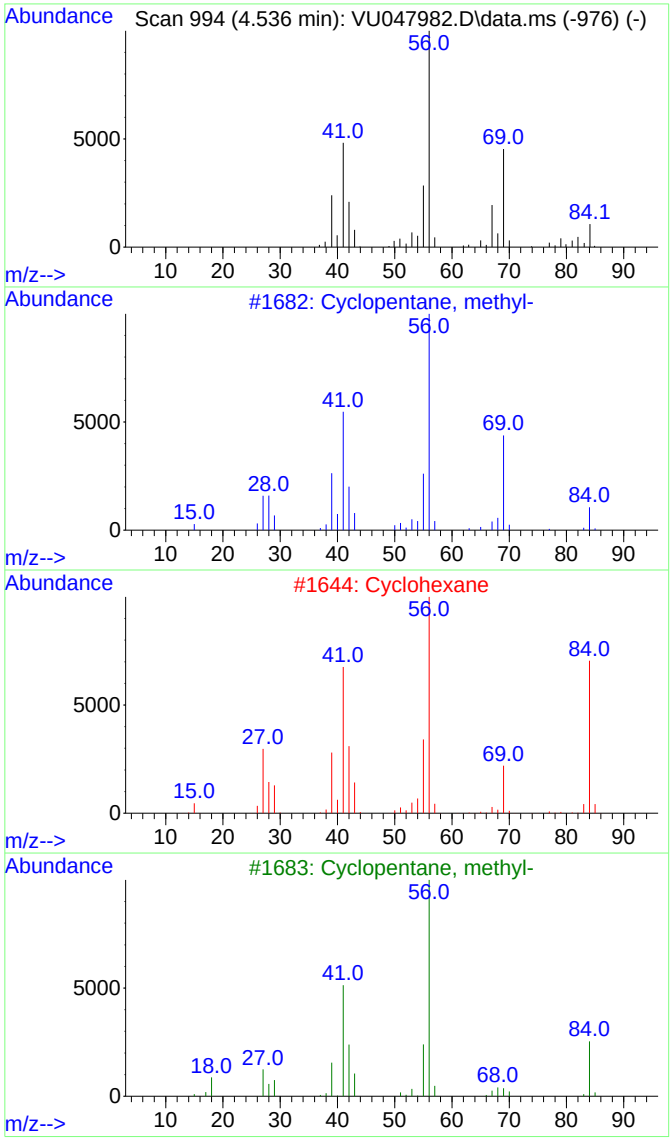
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

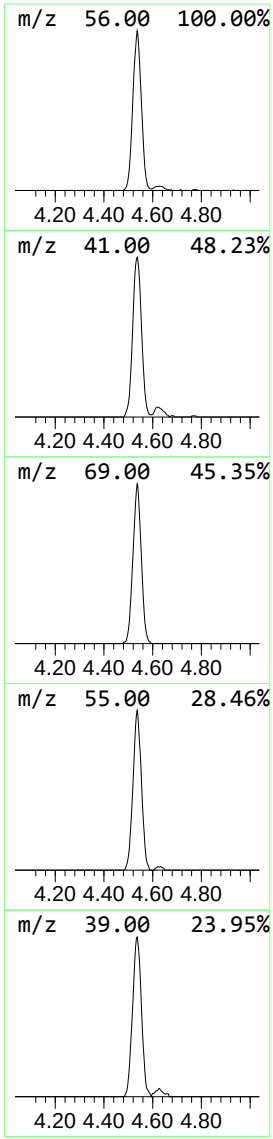
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic4.536 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.536	15.04 ug/L	281303	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J94

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

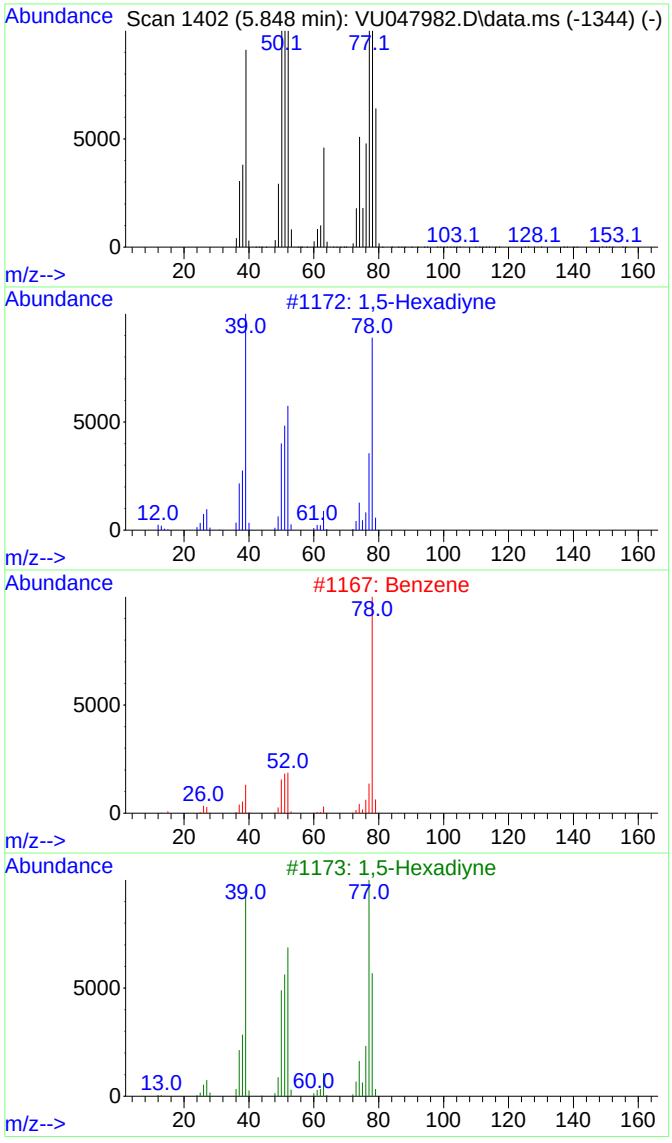
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

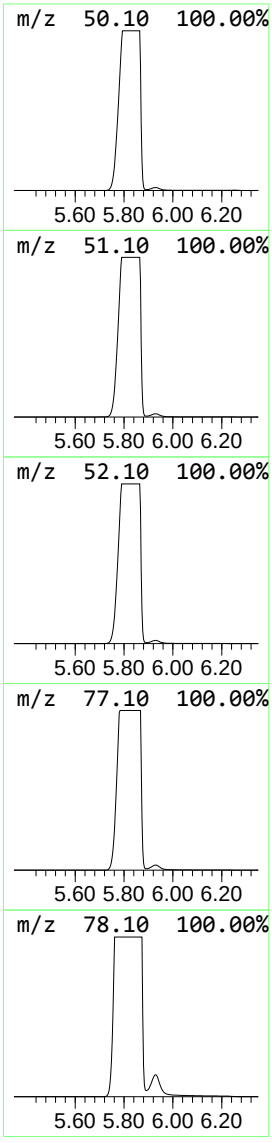
****

Peak Number 3 1,5-Hexadiyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	31589.10 ug/L	590716000	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiyne	78	C6H6	000628-16-0	70
2	Benzene	78	C6H6	000071-43-2	50
3	1,5-Hexadiyne	78	C6H6	000628-16-0	49
4	Benzene	78	C6H6	000071-43-2	49
5	1,5-Hexadien-3-yne	78	C6H6	000821-08-9	47





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.137	4.8	ug/L	88918	1	6.256	934998	50.0
(DEL) Alkane: C...	4.536	15.0	ug/L	281303	1	6.256	934998	50.0
1,5-Hexadiyne	5.848	31589.1	ug/L	590716000	1	6.256	934998	50.0