LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022497.D
Acq On : 02 Oct 2021 05:14
Operator : SY/MD
Sample : M4023-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

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\SFAMVLM100121WMA.M
Title : VOC Analysis

Signal : TIC: VV022497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	32	rVB	123401	112723	0.16%	0.122%
2	1.214	49	54	70	rVB2	21785	22509	0.03%	0.024%
3	1.301	72	81	87	rVV2	241837	345488	0.48%	0.375%
4	1.333	87	91	95	rVV	67971	70640	0.10%	0.077%
5	1.355	95	98	108	rVV	45282	42551	0.06%	0.046%
6	1.416	110	117	137	rVB	91189	100206	0.14%	0.109%
7	1.568	156	164	177	rVB	94387	108101	0.15%	0.117%
8	1.632	178	184	196	rVB2	10900	14273	0.02%	0.015%
9	1.767	218	226	232	rBV	19060	25034	0.04%	0.027%
10	1.812	233	240	242	rVV2	11760	15622	0.02%	0.017%
11	1.841	244	249	260	rVV	40451	49482	0.07%	0.054%
12	1.899	262	267	278	rVB	7774	10409	0.01%	0.011%
13	1.979	284	292	301	rBV	18817	25193	0.04%	0.027%
14	2.117	321	335	362	rBV	3606125	5286456	7.40%	5.734%
15	2.304	388	393	399	rVB7	2790	3496	0.00%	0.004%
16	2.449	431	438	443	rBV7	2767	4363	0.01%	0.005%
17	2.506	444	456	476	rVV	517253	848281	1.19%	0.920%
18	2.760	523	535	551	rVB3	27805	52081	0.07%	0.056%
19	2.834	556	558	564	rVB5	734	673	0.00%	0.001%
20	2.896	569	577	586	rBV4	5204	9656	0.01%	0.010%
21	2.953	588	595	608	rVB5	8024	15232	0.02%	0.017%
22	3.191	647	669	696	rBV	164321	365841	0.51%	0.397%
23	3.359	715	721	722	rBV3	1651	1326	0.00%	0.001%
24	3.420	736	740	741	rBV	692	433	0.00%	0.000%
25	3.458	741	752	769	rVB5	7917	18874	0.03%	0.020%
26	3.584	780	791	800	rBV6	2521	5296	0.01%	0.006%
27	3.760	843	846	851	rBV3	379	393	0.00%	0.000%
28	3.812	851	862	875	rBV4	10162	24891	0.03%	0.027%
29	3.908	875	892	925	rBV	2642446	6374975	8.92%	6.914%
30	4.349	1013	1029	1055	rVB	115249	291328	0.41%	0.316%
31	4.494	1072	1074	1081	rBV5	709	706	0.00%	0.001%
32	4.609	1091	1110	1135	rBV	359181	905512	1.27%	0.982%
33	4.915	1199	1205	1206	rBV4	927	883	0.00%	0.001%
34	5.050	1229	1247	1270	rBV2	278645	737159	1.03%	0.800%
35	5.211	1290	1297	1308	rBV9	2555	4501	0.01%	0.005%
36	5.320	1329	1331	1336	rVB3	485	381	0.00%	0.000%

LSC Area Percent Report

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Instrument : MSVOA_V
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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\SFAMVLM100121WMA.M
Title : VOC Analysis

37	5.371	1338	1347	1358	rBV5	4867	9825	0.01%	0.011%
38	5.493	1382	1385	1391	rVB4	588	626	0.00%	0.001%
39	5.619	1409	1424	1445	rBV	269135	545285	0.76%	0.591%
40	5.924	1492	1519	1554	rBV	35277940	71449700	100.00%	77.496%
41	6.072	1558	1565	1584	rVB	162368	331259	0.46%	0.359%
42	6.510	1698	1701	1705	rVB3	737	591	0.00%	0.001%
43	6.561	1713	1717	1719	rBV3	589	447	0.00%	0.000%
44	6.664	1746	1749	1751	rVV3	590	352	0.00%	0.000%
45	6.680	1751	1754	1757	rVB4	902	517	0.00%	0.001%
46	6.899	1819	1822	1827	rVV4	750	657	0.00%	0.001%
47	6.947	1832	1837	1838	rBV2	498	368	0.00%	0.000%
48	6.989	1839	1850	1872	rBV	82184	153625	0.22%	0.167%
49	7.108	1884	1887	1891	rBV4	740	420	0.00%	0.000%
50	7.185	1909	1911	1914	rBV2	686	375	0.00%	0.000%
51	7.233	1922	1926	1928	rBV2	452	376	0.00%	0.000%
52	7.317	1939	1952	1967	rBV	337013	581515	0.81%	0.631%
53	7.391	1967	1975	1997	rVB	75101	139878	0.20%	0.152%
54	7.625	2037	2048	2066	rBV	58172	103030	0.14%	0.112%
55	7.847	2108	2117	2133	rBV6	10759	21740	0.03%	0.024%
56	7.937	2136	2145	2153	rBV	12176	21817	0.03%	0.024%
57	8.030	2171	2174	2179	rVB3	728	504	0.00%	0.001%
58	8.091	2184	2193	2224	rBV	136123	302295	0.42%	0.328%
59	8.323	2261	2265	2267	rBV4	650	579	0.00%	0.001%
60	8.490	2310	2317	2319	rBV4	473	424	0.00%	0.000%
61	8.786	2398	2409	2412	rBV8	1708	2489	0.00%	0.003%
62	8.853	2418	2430	2455	rBV	398700	650276	0.91%	0.705%
63	8.972	2461	2467	2469	rBV5	2292	2202	0.00%	0.002%
64	9.017	2472	2481	2497	rVB	42968	70069	0.10%	0.076%
65	9.140	2506	2519	2536	rBV	115030	190973	0.27%	0.207%
66	9.226	2536	2546	2563	rVB2	16807	33086	0.05%	0.036%
67	9.477	2617	2624	2627	rBV5	1229	1271	0.00%	0.001%
68	9.500	2629	2631	2635	rVV3	708	680	0.00%	0.001%
69	9.545	2635	2645	2665	rVB	104073	168203	0.24%	0.182%
70	9.934	2754	2766	2768	rBV6	2304	3085	0.00%	0.003%
71	10.014	2779	2791	2802	rVB10	2357	5043	0.01%	0.005%
72	10.085	2810	2813	2814	rBV	679	358	0.00%	0.000%
73	10.127	2824	2826	2832	rVB3	1410	1080	0.00%	0.001%
74	10.217	2840	2854	2869	rBV	203820	330823	0.46%	0.359%
75	10.336	2888	2891	2894	rBV5	850	713	0.00%	0.001%
76	10.455	2924	2928	2930	rBV	577	437	0.00%	0.000%

LSC Area Percent Report

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Acq On : 02 Oct 2021 05:14
Operator : SY/MD
Sample : M4023-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

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_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

77	10.542	2952	2955	2960	rVB3	459	382	0.00%	0.000%
78	10.570	2961	2964	2967	rBV3	506	363	0.00%	0.000%
79	10.612	2970	2977	2979	rVV4	479	422	0.00%	0.000%
80	10.918	3066	3072	3083	rVV6	1818	2728	0.00%	0.003%
81	11.050	3109	3113	3117	rBV2	484	469	0.00%	0.001%
82	11.149	3135	3144	3148	rBV4	748	973	0.00%	0.001%
83	11.249	3164	3175	3196	rVV	411769	640254	0.90%	0.694%
84	11.429	3226	3231	3234	rBV4	1034	794	0.00%	0.001%
85	11.625	3281	3292	3308	rBV	328083	519834	0.73%	0.564%
86	11.953	3391	3394	3400	rVB5	810	616	0.00%	0.001%
87	12.021	3406	3415	3424	rBV5	1533	2113	0.00%	0.002%
88	12.291	3494	3499	3502	rBV3	368	371	0.00%	0.000%
89	12.426	3536	3541	3545	rBV4	467	447	0.00%	0.000%
90	12.471	3549	3555	3560	rBV5	967	1374	0.00%	0.001%
91	12.966	3705	3709	3713	rBV2	378	431	0.00%	0.000%
92	13.037	3725	3731	3736	rVV3	421	486	0.00%	0.001%
93	13.609	3905	3909	3915	rBV3	407	531	0.00%	0.001%
94	13.779	3960	3962	3967	rVB2	615	360	0.00%	0.000%
95	14.078	4048	4055	4059	rVB4	494	638	0.00%	0.001%
96	14.323	4129	4131	4137	rVB3	368	419	0.00%	0.000%
97	15.561	4512	4516	4521	rBV4	454	590	0.00%	0.001%
98	15.702	4557	4560	4564	rBV2	409	409	0.00%	0.000%
99	15.844	4602	4604	4607	rVB2	609	370	0.00%	0.000%
100	16.255	4730	4732	4735	rVB3	939	439	0.00%	0.000%

Sum of corrected areas: 92197774

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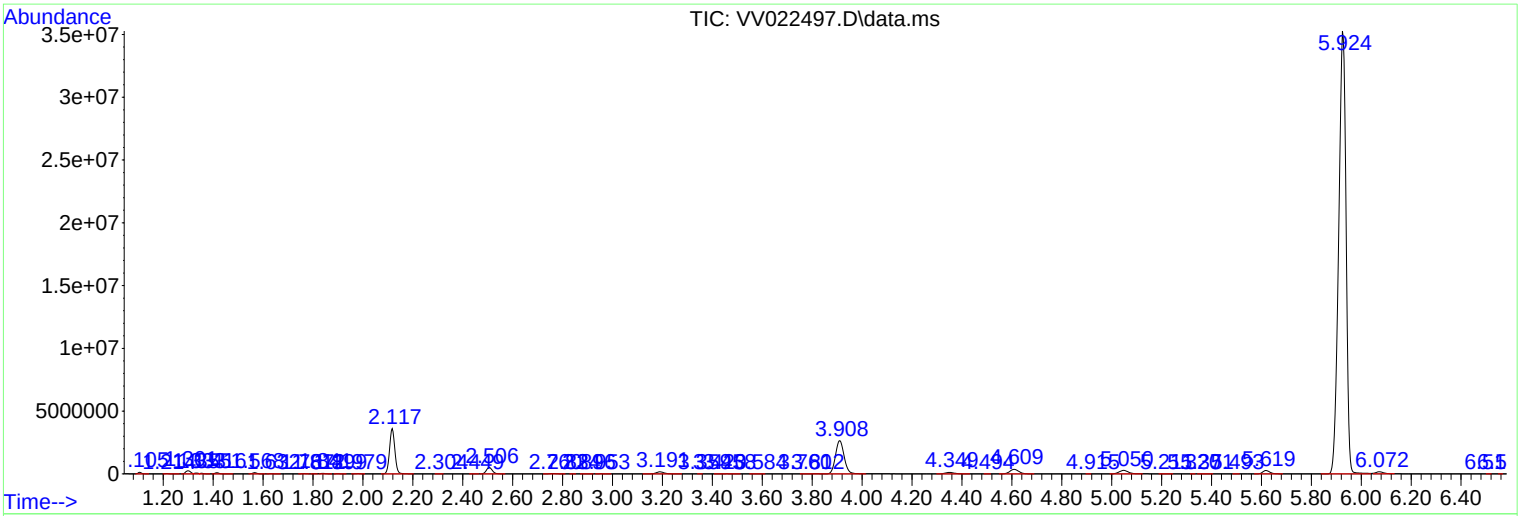
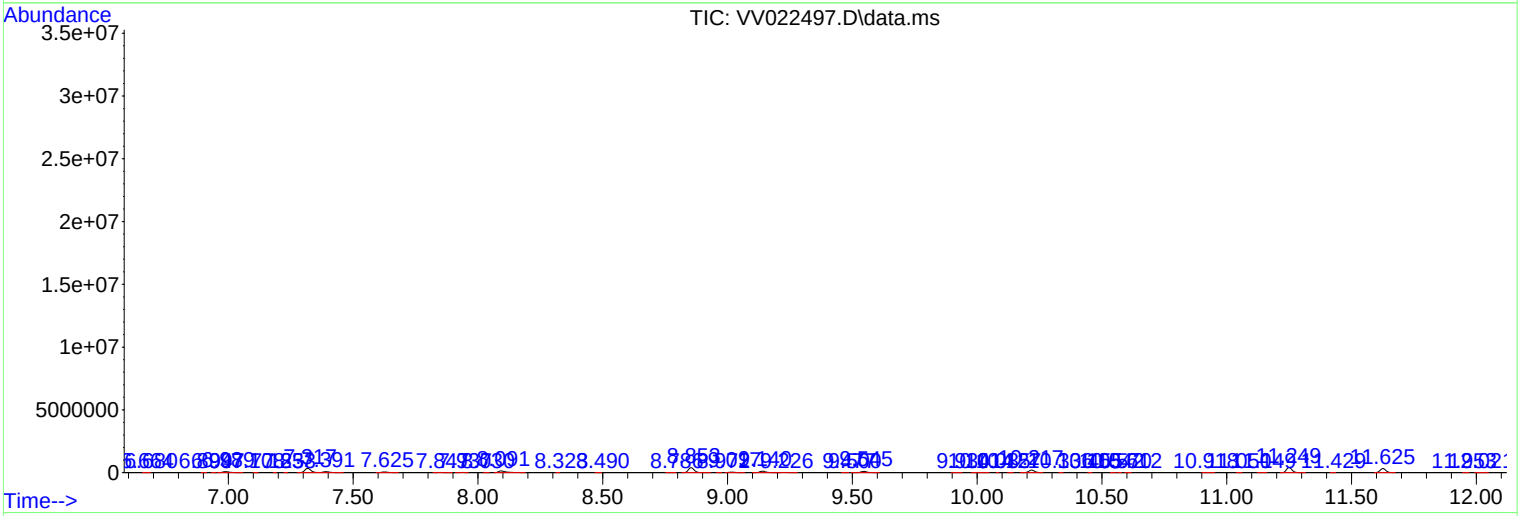
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

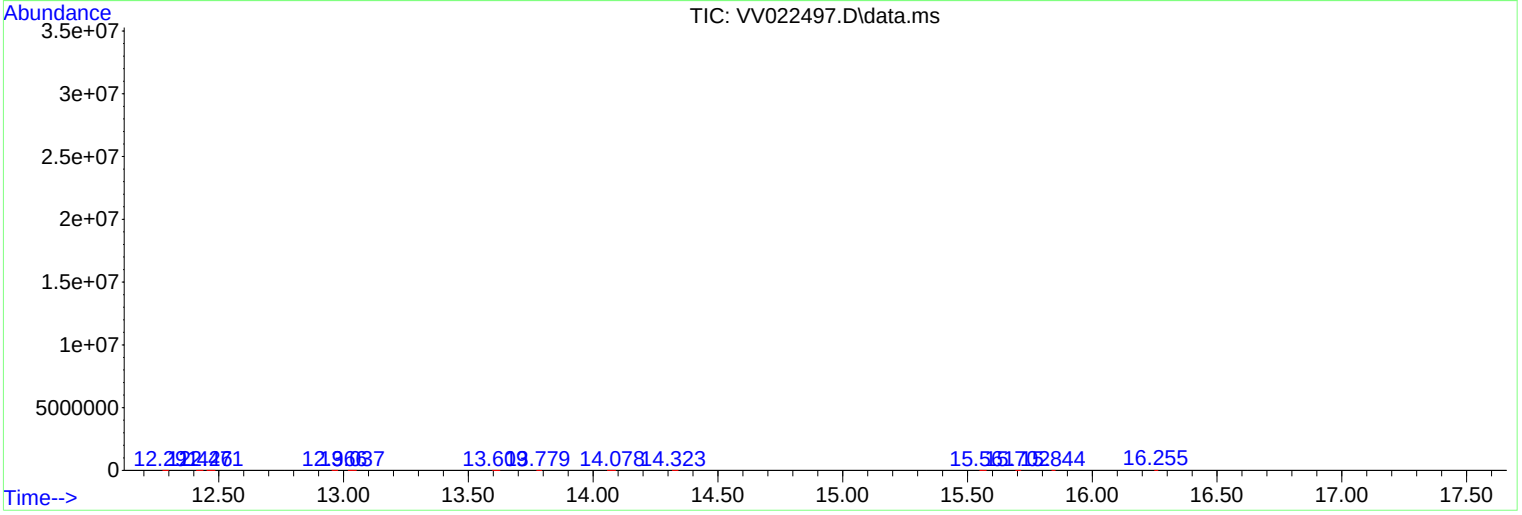
Instrument :
MSVOA_V
ClientSampleId :
C0AJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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Instrument : MSVOA_V
ClientSampleId : C0AJ6

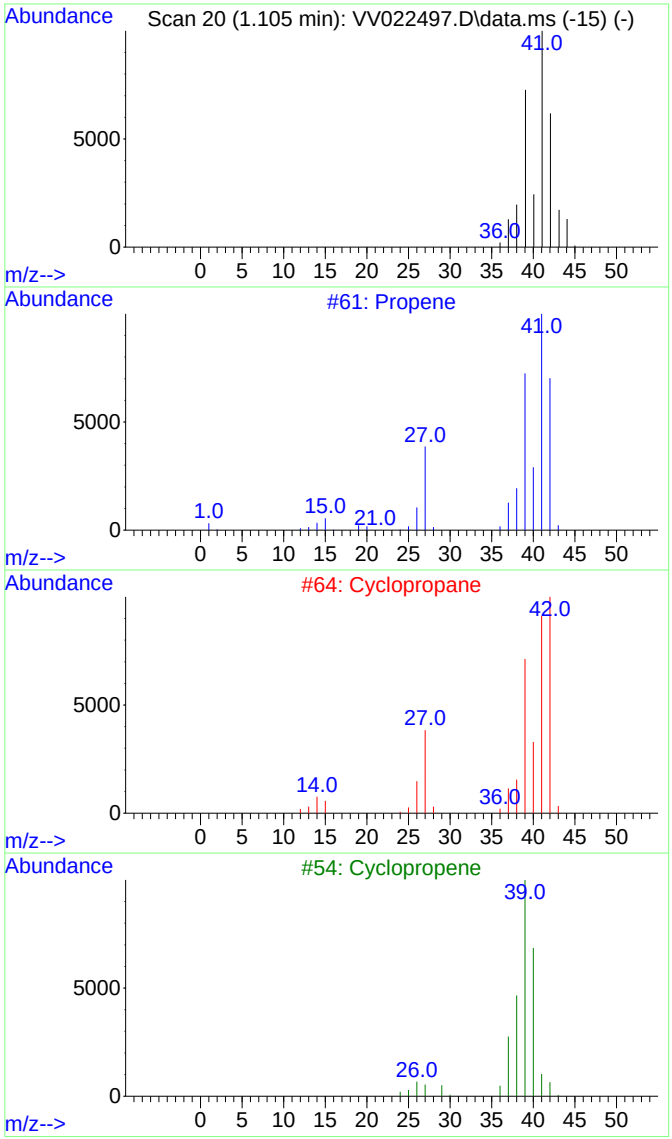
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

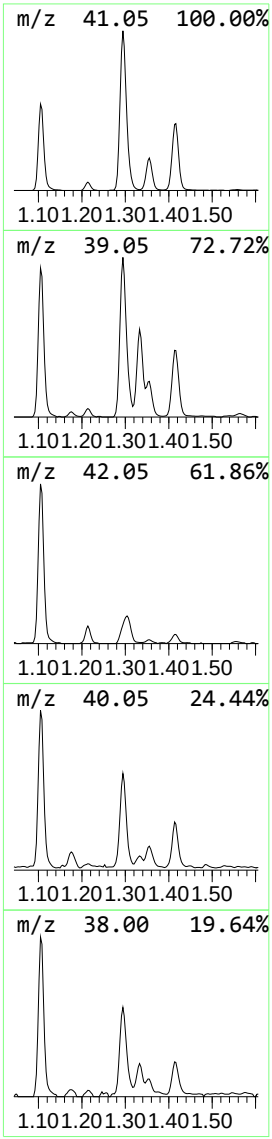
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	10.34 ug/L	112723	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	38
3	Cyclopropene	40	C3H4	002781-85-3	37
4	Cyclopropane	42	C3H6	000075-19-4	28
5	Propene	42	C3H6	000115-07-1	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

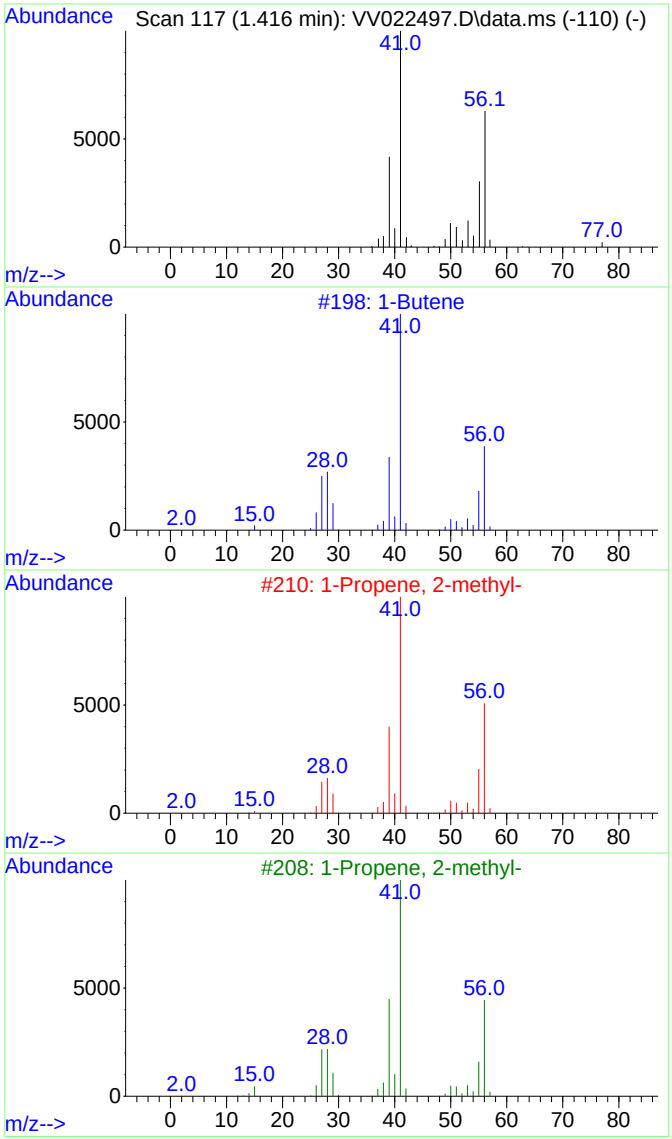
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

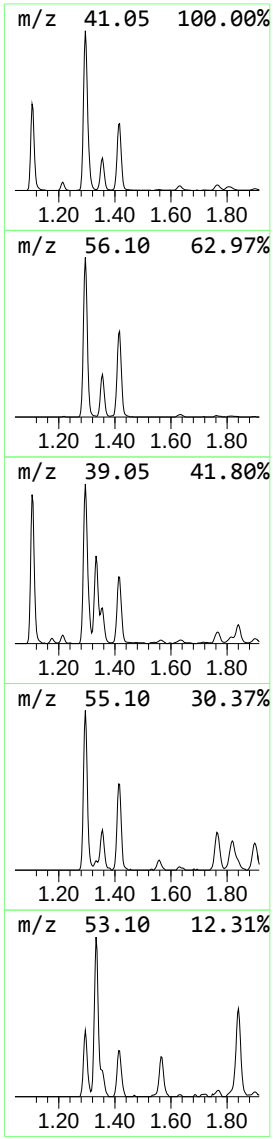
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.416	9.19 ug/L	100206	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	74
4	1-Butene	56	C4H8	000106-98-9	72
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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Sample : M4023-07
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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

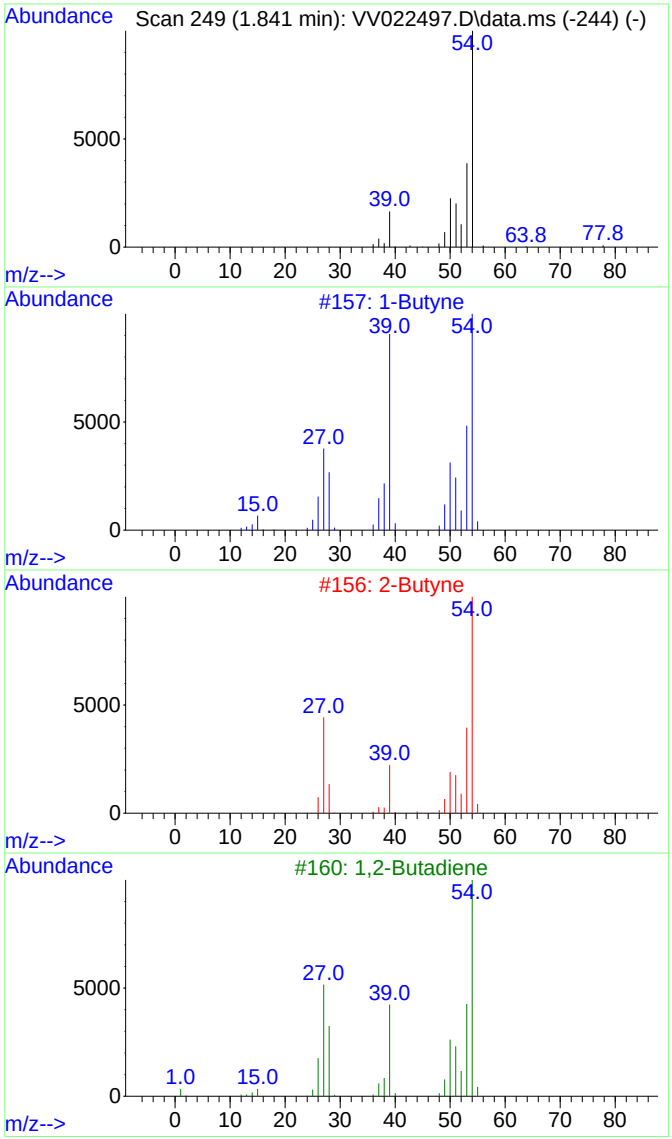
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

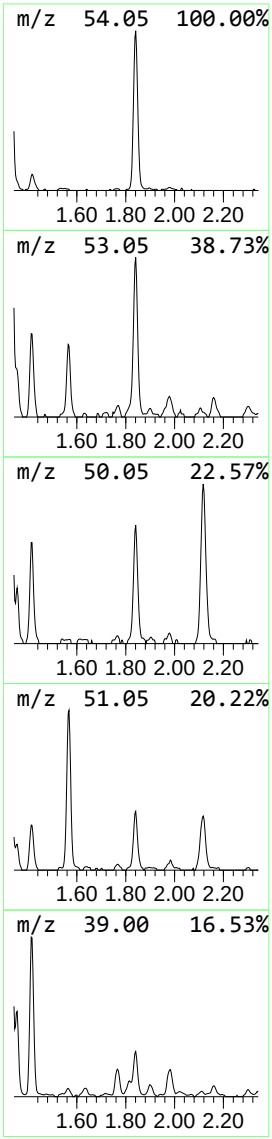
****

Peak Number 3 1-Butyne Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.841	4.54 ug/L	49482	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne	54	C4H6	000107-00-6	86
2	2-Butyne	54	C4H6	000503-17-3	86
3	1,2-Butadiene	54	C4H6	000590-19-2	78
4	2-Butyne	54	C4H6	000503-17-3	78
5	2-Butyne	54	C4H6	000503-17-3	78





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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

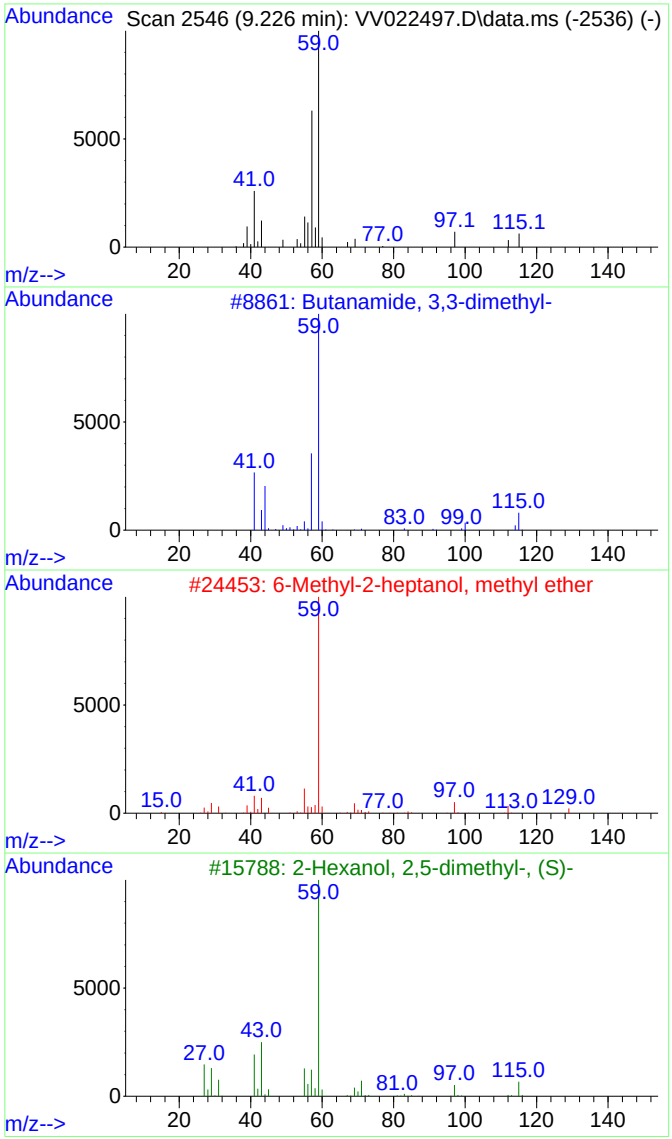
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

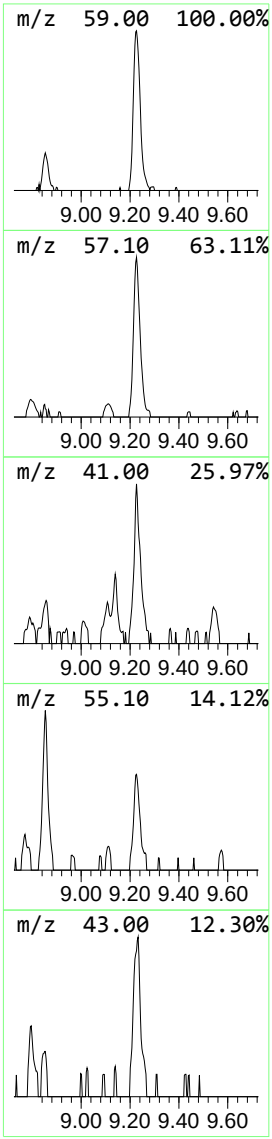
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butanamide, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.226	2.54 ug/L	33086	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	53
2	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	45
3	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	39
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022497.D
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Sample : M4023-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.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: S...	1.105	10.3	ug/L	112723	1	5.619	545285	50.0
(DEL) Alkane: S...	1.416	9.2	ug/L	100206	1	5.619	545285	50.0
1-Butyne	1.841	4.5	ug/L	49482	1	5.619	545285	50.0
Butanamide, 3,3...	9.226	2.5	ug/L	33086	2	8.853	650276	50.0