LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022498.D
Acq On : 02 Oct 2021 05:38
Operator : SY/MD
Sample : M4023-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ7

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: VV022498.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	17	20	26	rVB3	4705	3531	0.00%	0.001%
2	1.304	75	82	94	rBV2	134897	144034	0.05%	0.035%
3	1.568	157	164	178	rVB	97213	110158	0.04%	0.027%
4	1.777	223	229	236	rBV3	5889	6788	0.00%	0.002%
5	1.841	242	249	257	rVB	24457	29278	0.01%	0.007%
6	1.979	288	292	299	rVB6	1332	1553	0.00%	0.000%
7	2.043	306	312	320	rBV8	2429	4286	0.00%	0.001%
8	2.114	320	334	379	rBV	27118408	40912227	15.09%	9.871%
9	2.503	441	455	491	rBV	9089486	15122312	5.58%	3.649%
10	2.764	528	536	560	rVB	56545	113457	0.04%	0.027%
11	2.969	597	600	605	rVB3	591	427	0.00%	0.000%
12	2.995	605	608	611	rVB2	793	488	0.00%	0.000%
13	3.053	623	626	634	rVB5	886	819	0.00%	0.000%
14	3.108	641	643	650	rVB3	529	491	0.00%	0.000%
15	3.191	650	669	697	rBV	358661	768659	0.28%	0.185%
16	3.413	732	738	743	rBV6	1236	1646	0.00%	0.000%
17	3.770	843	849	853	rBV3	546	696	0.00%	0.000%
18	3.912	873	893	940	rBV	9494649	23245737	8.57%	5.609%
19	4.355	1014	1031	1032	rBV	127705	192798	0.07%	0.047%
20	4.622	1088	1114	1164	rBV	17385145	43878534	16.18%	10.587%
21	5.056	1230	1249	1265	rBV2	273217	740948	0.27%	0.179%
22	5.378	1347	1349	1352	rBV3	800	504	0.00%	0.000%
23	5.625	1411	1426	1456	rBV	236283	557418	0.21%	0.134%
24	5.780	1472	1474	1477	rVB3	776	441	0.00%	0.000%
25	5.956	1495	1529	1539	rBV4	61353289	271191652	100.00%	65.434%
26	6.657	1741	1747	1761	rVB3	9803	18185	0.01%	0.004%
27	6.992	1841	1851	1870	rBV	96067	176791	0.07%	0.043%
28	7.239	1923	1928	1939	rVB2	6877	10228	0.00%	0.002%
29	7.320	1942	1953	1966	rVV	367572	628670	0.23%	0.152%
30	7.390	1966	1975	2003	rVB	380471	654532	0.24%	0.158%
31	7.625	2038	2048	2070	rBV2	66053	118846	0.04%	0.029%
32	7.841	2103	2115	2137	rBV	490011	856595	0.32%	0.207%
33	7.937	2137	2145	2151	rVV2	25768	47908	0.02%	0.012%
34	7.979	2152	2158	2174	rVB	60096	102967	0.04%	0.025%
35	8.095	2184	2194	2223	rBV	157768	327479	0.12%	0.079%
36	8.490	2306	2317	2325	rBV4	7172	11829	0.00%	0.003%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : C0AJ7

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	8.763	2395	2402	2408	rBV7	4691	6810	0.00%	0.002%
38	8.853	2419	2430	2453	rBV	429203	703141	0.26%	0.170%
39	8.979	2457	2469	2473	rVV	295541	462290	0.17%	0.112%
40	9.014	2474	2480	2502	rVV	852949	1298177	0.48%	0.313%
41	9.140	2505	2519	2537	rVV	3635561	5734522	2.11%	1.384%
42	9.226	2538	2546	2562	rVB	65115	118905	0.04%	0.029%
43	9.545	2632	2645	2672	rVV	2640581	3972407	1.46%	0.958%
44	9.799	2717	2724	2736	rVB6	4713	7654	0.00%	0.002%
45	9.934	2755	2766	2779	rBV	33830	55616	0.02%	0.013%
46	9.998	2781	2786	2796	rVB5	3372	5319	0.00%	0.001%
47	10.095	2811	2816	2817	rBV3	1648	1321	0.00%	0.000%
48	10.217	2841	2854	2866	rBV	234415	370129	0.14%	0.089%
49	10.358	2890	2898	2905	rBV3	10810	16693	0.01%	0.004%
50	10.455	2920	2928	2945	rVB	11767	23000	0.01%	0.006%
51	10.545	2948	2956	2967	rVB2	7190	10628	0.00%	0.003%
52	10.705	3004	3006	3009	rBV	530	328	0.00%	0.000%
53	10.741	3009	3017	3025	rVV2	6034	8718	0.00%	0.002%
54	10.818	3037	3041	3044	rBV3	508	431	0.00%	0.000%
55	10.847	3044	3050	3058	rBV4	1809	2810	0.00%	0.001%
56	10.921	3063	3073	3075	rBV2	14586	18661	0.01%	0.005%
57	10.953	3076	3083	3097	rVB	73376	119679	0.04%	0.029%
58	11.095	3118	3127	3136	rVB8	4632	7070	0.00%	0.002%
59	11.143	3136	3142	3145	rBV3	632	699	0.00%	0.000%
60	11.175	3145	3152	3156	rBV4	2538	3843	0.00%	0.001%
61	11.249	3164	3175	3195	rBV	492547	763187	0.28%	0.184%
62	11.345	3197	3205	3216	rVB4	7200	12916	0.00%	0.003%
63	11.426	3224	3230	3234	rBV4	633	761	0.00%	0.000%
64	11.535	3255	3264	3274	rBV5	13475	21385	0.01%	0.005%
65	11.625	3280	3292	3307	rBV	369965	579757	0.21%	0.140%
66	11.773	3335	3338	3341	rBV4	553	381	0.00%	0.000%
67	11.828	3350	3355	3356	rBV2	552	450	0.00%	0.000%
68	11.937	3384	3389	3398	rVB6	2518	3489	0.00%	0.001%
69	12.014	3407	3413	3422	rBV6	3072	4192	0.00%	0.001%
70	12.143	3450	3453	3458	rVB2	490	479	0.00%	0.000%
71	12.191	3461	3468	3476	rBV4	2619	3134	0.00%	0.001%
72	12.255	3479	3488	3496	rBV5	8189	13122	0.00%	0.003%
73	12.320	3504	3508	3509	rBV4	851	583	0.00%	0.000%
74	12.358	3515	3520	3522	rBV3	816	755	0.00%	0.000%
75	12.381	3522	3527	3536	rVB5	2569	3684	0.00%	0.001%
76	12.439	3540	3545	3546	rBV4	624	447	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

77	12.448	3546	3548	3549	rBV2	642	339	0.00%	0.000%
78	12.529	3568	3573	3580	rBV5	475	489	0.00%	0.000%
79	12.599	3588	3595	3606	rVB7	7653	11160	0.00%	0.003%
80	12.651	3606	3611	3616	rBV3	1071	1102	0.00%	0.000%
81	12.770	3645	3648	3655	rVB3	327	379	0.00%	0.000%
82	12.879	3670	3682	3690	rBV6	1224	2235	0.00%	0.001%
83	12.943	3693	3702	3713	rVB3	27766	40648	0.01%	0.010%
84	13.136	3753	3762	3772	rBV2	28719	42703	0.02%	0.010%
85	13.207	3783	3784	3792	rVB4	651	753	0.00%	0.000%
86	13.252	3792	3798	3799	rBV3	539	478	0.00%	0.000%
87	13.316	3812	3818	3820	rBV3	366	365	0.00%	0.000%
88	13.393	3838	3842	3847	rVB3	573	565	0.00%	0.000%
89	13.445	3852	3858	3864	rBV6	1420	1731	0.00%	0.000%
90	13.509	3873	3878	3879	rBV3	1328	983	0.00%	0.000%
91	13.564	3890	3895	3905	rVB6	3459	4575	0.00%	0.001%
92	13.609	3907	3909	3915	rVB5	495	484	0.00%	0.000%
93	13.821	3973	3975	3980	rVB5	642	442	0.00%	0.000%
94	13.998	4027	4030	4033	rVV2	513	369	0.00%	0.000%
95	14.053	4042	4047	4050	rVV3	448	368	0.00%	0.000%
96	14.336	4131	4135	4138	rBV2	438	314	0.00%	0.000%
97	14.445	4165	4169	4175	rBV3	644	774	0.00%	0.000%
98	14.911	4310	4314	4320	rVB4	396	460	0.00%	0.000%
99	14.953	4320	4327	4332	rBV4	648	964	0.00%	0.000%
100	16.307	4746	4748	4752	rVB4	1093	641	0.00%	0.000%

Sum of corrected areas: 414453806

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Data File : VV022498.D
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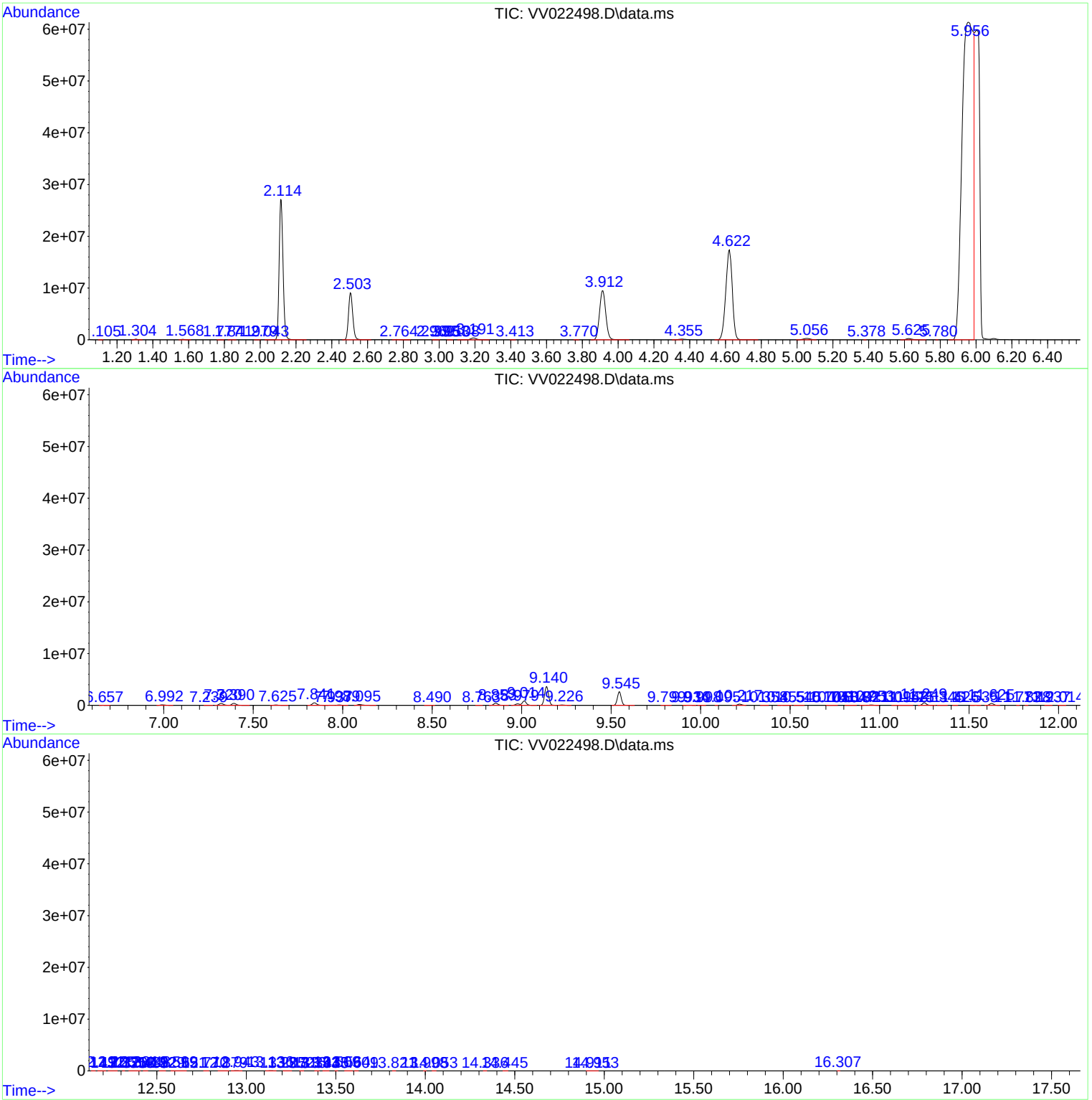
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ7

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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ClientSampleId :
C0AJ7

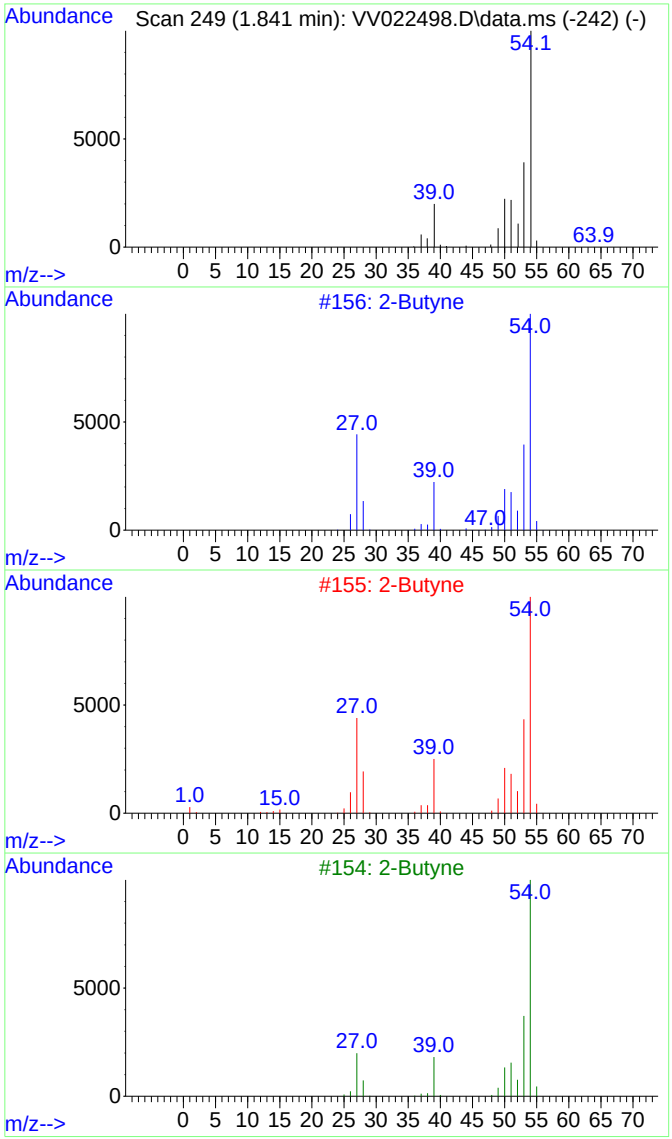
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

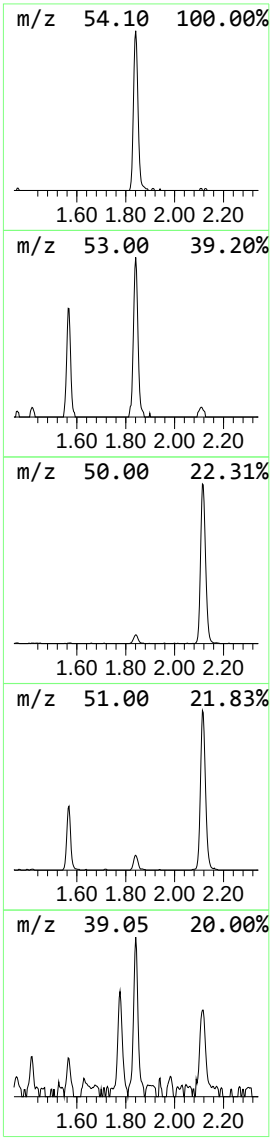
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.841	2.63 ug/L	29278	1,4-Difluorobenzene	5.625

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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Sample : M4023-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ7

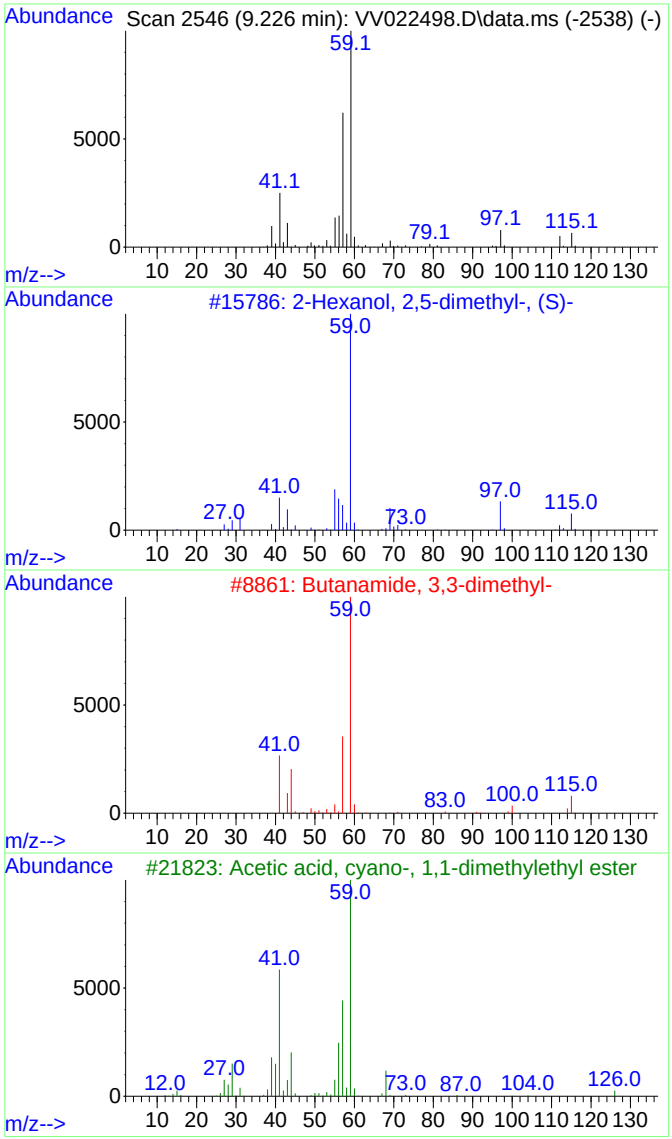
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

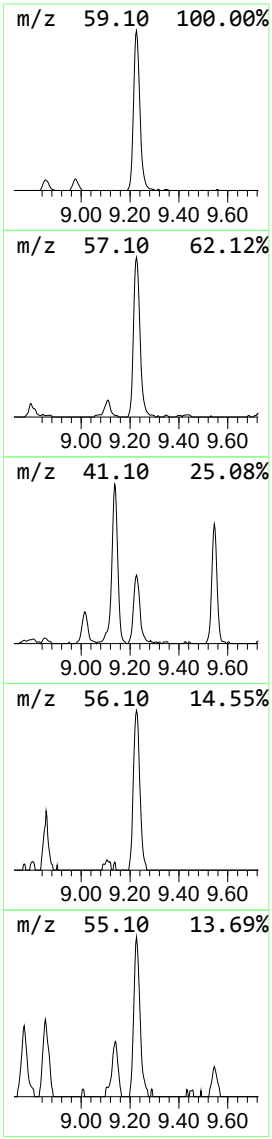
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.226	8.46 ug/L	118905	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	64
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	59
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	59
4	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	50
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40





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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ7

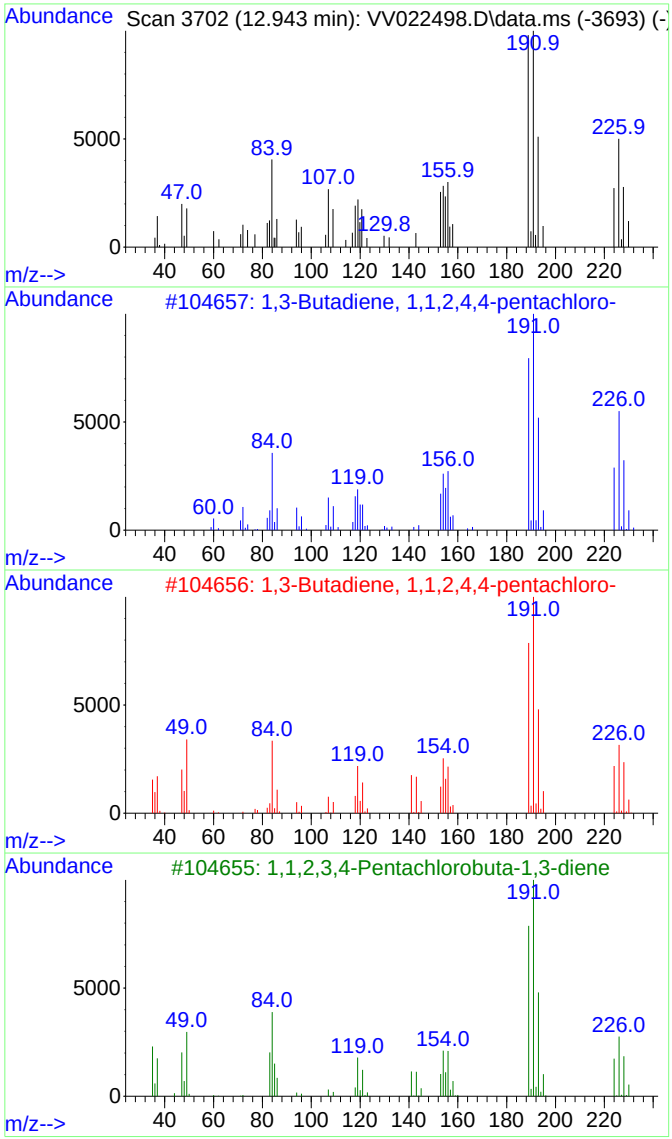
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

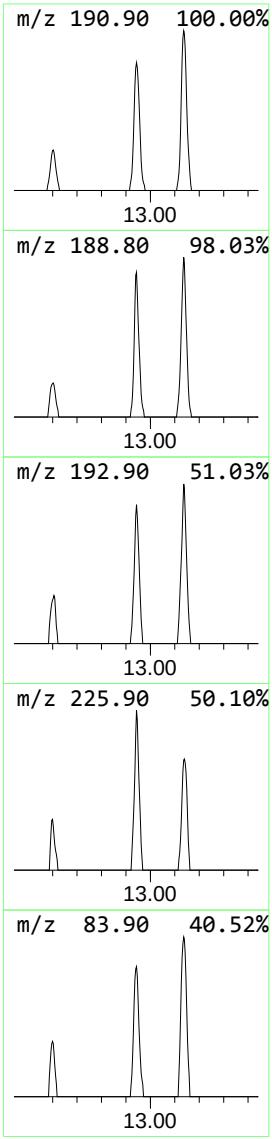
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Butadiene, 1,1,2,4,4-pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.943	2.66 ug/L	40648	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	99
2	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	70
3	1,1,2,3,4-Pentachlorobuta-1,3-diene	224	C4HCl5	1010487-10-4	62
4	2-Thiophenecarbonyl chloride, 5-...	224	C5H2BrClOS	031555-60-9	47
5	4-Bromo-2-furamide	189	C5H4BrNO2	957345-95-8	38





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ7

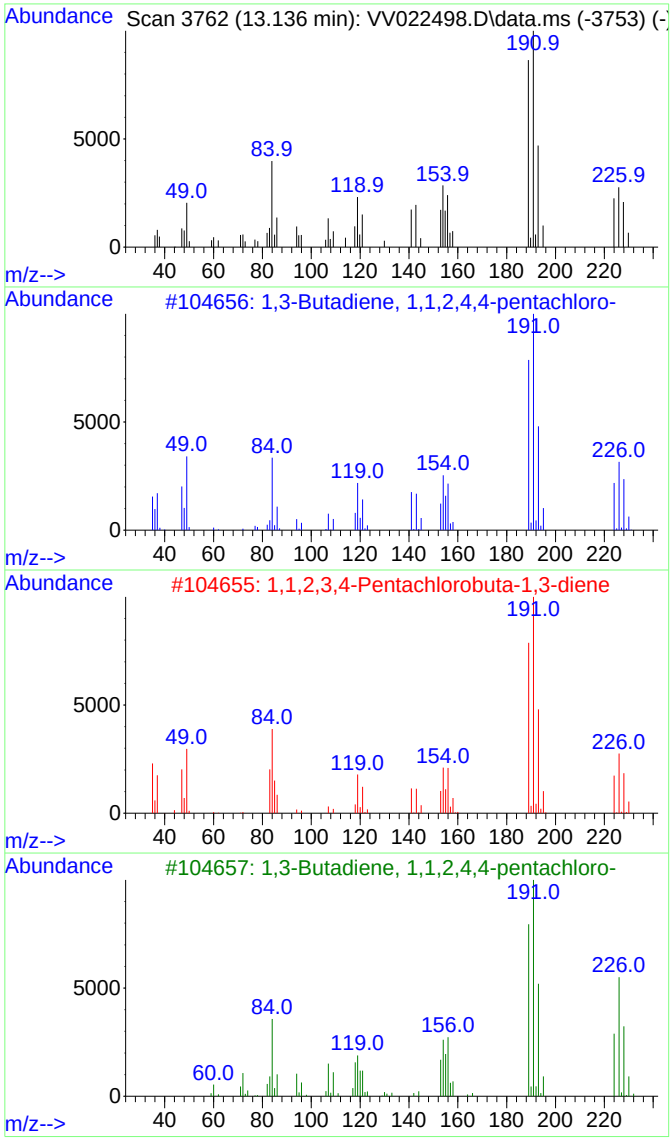
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

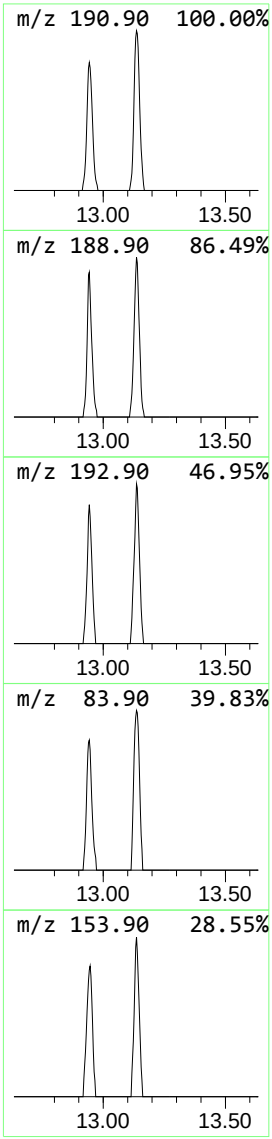
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1,2,3,4-Pentachlorobuta-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.136	2.80 ug/L	42703	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	99
2	1,1,2,3,4-Pentachlorobuta-1,3-diene	224	C4HCl5	1010487-10-4	94
3	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	93
4	4-Bromo-2-furamide	189	C5H4BrNO2	957345-95-8	22
5	4-Bromo-2-fluoroaniline	189	C6H5BrFN	000367-24-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ7

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
2-Butyne	1.841	2.6	ug/L	29278	1	5.625	557418	50.0
2-Hexanol, 2,5-...	9.226	8.5	ug/L	118905	2	8.853	703141	50.0
1,3-Butadiene, ...	12.943	2.7	ug/L	40648	3	11.252	763187	50.0
1,1,2,3,4-Penta...	13.136	2.8	ug/L	42703	3	11.252	763187	50.0