LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

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: VV022500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	75	83	96	rBV2	154507	166452	0.06%	0.040%
2	1.568	156	164	176	rBV	97006	110251	0.04%	0.026%
3	1.777	224	229	238	rVB	11125	12737	0.00%	0.003%
4	1.841	243	249	257	rVB	18899	22765	0.01%	0.005%
5	2.114	321	334	377	rBV	29111001	43579664	15.91%	10.426%
6	2.506	443	456	472	rBV	243344	400911	0.15%	0.096%
7	2.764	526	536	553	rVB	36946	65753	0.02%	0.016%
8	3.043	615	623	626	rBV5	1280	1800	0.00%	0.000%
9	3.191	654	669	693	rBV	330936	703716	0.26%	0.168%
10	3.423	737	741	748	rVB7	972	952	0.00%	0.000%
11	3.722	831	834	839	rVB4	717	595	0.00%	0.000%
12	3.770	845	849	852	rBV2	657	585	0.00%	0.000%
13	3.786	852	854	861	rVB5	898	649	0.00%	0.000%
14	3.915	872	894	933	rBV	7569630	18505827	6.76%	4.427%
15	4.355	1016	1031	1064	rVB2	125285	371632	0.14%	0.089%
16	4.625	1087	1115	1166	rBV	25120451	65616799	23.96%	15.697%
17	5.056	1231	1249	1267	rBV2	276256	759522	0.28%	0.182%
18	5.384	1348	1351	1357	rBV5	730	626	0.00%	0.000%
19	5.464	1370	1376	1380	rBV5	768	902	0.00%	0.000%
20	5.497	1380	1386	1387	rBV4	946	783	0.00%	0.000%
21	5.522	1392	1394	1399	rVV5	699	615	0.00%	0.000%
22	5.625	1413	1426	1455	rBV	229677	558257	0.20%	0.134%
23	5.956	1493	1529	1539	rBV7	61736062	273839247	100.00%	65.510%
24	6.657	1739	1747	1759	rVB3	15907	29747	0.01%	0.007%
25	6.992	1842	1851	1873	rBV	97036	175521	0.06%	0.042%
26	7.320	1942	1953	1967	rBV	371531	637650	0.23%	0.153%
27	7.394	1968	1976	1999	rVB	83854	151636	0.06%	0.036%
28	7.625	2039	2048	2071	rBV	67418	116644	0.04%	0.028%
29	7.841	2103	2115	2135	rBV	402195	690427	0.25%	0.165%
30	7.937	2137	2145	2150	rVV2	32817	53983	0.02%	0.013%
31	7.979	2151	2158	2180	rVB	116249	200335	0.07%	0.048%
32	8.091	2184	2193	2223	rBV	157363	325118	0.12%	0.078%
33	8.275	2248	2250	2252	rBV3	1025	618	0.00%	0.000%
34	8.345	2267	2272	2274	rBV4	1006	780	0.00%	0.000%
35	8.390	2283	2286	2289	rBV3	794	566	0.00%	0.000%
36	8.429	2296	2298	2302	rBV4	879	619	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

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	8.487	2308	2316	2328	rVB3	10911	18076	0.01%	0.004%
38	8.651	2364	2367	2371	rBV5	705	533	0.00%	0.000%
39	8.738	2390	2394	2395	rBV3	709	464	0.00%	0.000%
40	8.763	2395	2402	2407	rBV4	6658	10007	0.00%	0.002%
41	8.857	2420	2431	2452	rVV	436411	701301	0.26%	0.168%
42	8.979	2456	2469	2494	rVB2	499207	877733	0.32%	0.210%
43	9.107	2500	2509	2510	rBV	14606	15518	0.01%	0.004%
44	9.140	2511	2519	2535	rVV	134793	219628	0.08%	0.053%
45	9.226	2536	2546	2566	rVB2	56989	106000	0.04%	0.025%
46	9.432	2604	2610	2613	rBV6	1021	1178	0.00%	0.000%
47	9.545	2632	2645	2676	rBV	4024685	6261279	2.29%	1.498%
48	9.731	2697	2703	2705	rVV3	1106	1490	0.00%	0.000%
49	9.796	2716	2723	2738	rVB3	5712	9866	0.00%	0.002%
50	9.934	2753	2766	2779	rBV	89110	140630	0.05%	0.034%
51	9.998	2781	2786	2799	rVB6	5001	8045	0.00%	0.002%
52	10.098	2809	2817	2822	rBV7	5175	7627	0.00%	0.002%
53	10.217	2844	2854	2866	rVV	234703	367163	0.13%	0.088%
54	10.275	2866	2872	2883	rVB4	10378	18609	0.01%	0.004%
55	10.361	2892	2899	2903	rBV7	4323	5989	0.00%	0.001%
56	10.397	2904	2910	2921	rVV2	10662	15982	0.01%	0.004%
57	10.455	2922	2928	2939	rVB8	1998	3097	0.00%	0.001%
58	10.541	2948	2955	2963	rBV2	7062	9733	0.00%	0.002%
59	10.609	2972	2976	2980	rBV4	683	524	0.00%	0.000%
60	10.741	3007	3017	3027	rBV2	11985	18566	0.01%	0.004%
61	10.847	3044	3050	3060	rBV7	3404	4212	0.00%	0.001%
62	10.956	3065	3084	3098	rVB	169308	286377	0.10%	0.069%
63	11.024	3102	3105	3108	rBV3	671	575	0.00%	0.000%
64	11.059	3111	3116	3119	rBV4	491	455	0.00%	0.000%
65	11.094	3120	3127	3135	rVB8	3496	4711	0.00%	0.001%
66	11.172	3145	3151	3156	rBV6	3570	5139	0.00%	0.001%
67	11.249	3164	3175	3193	rBV	499448	750524	0.27%	0.180%
68	11.339	3196	3203	3217	rVB	15160	24143	0.01%	0.006%
69	11.487	3245	3249	3256	rBV5	741	736	0.00%	0.000%
70	11.538	3256	3265	3273	rBV4	17423	27157	0.01%	0.006%
71	11.577	3273	3277	3281	rBV3	993	826	0.00%	0.000%
72	11.625	3281	3292	3307	rBV	373378	585440	0.21%	0.140%
73	11.773	3334	3338	3340	rBV4	933	688	0.00%	0.000%
74	11.869	3365	3368	3375	rVB5	1412	1312	0.00%	0.000%
75	11.940	3379	3390	3398	rVB5	5150	7507	0.00%	0.002%
76	12.020	3403	3415	3426	rBV6	5598	8014	0.00%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

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

77	12.143	3450	3453	3458	rVB4	947	674	0.00%	0.000%
78	12.188	3460	3467	3474	rVB4	5810	7686	0.00%	0.002%
79	12.252	3477	3487	3500	rBV3	19185	29482	0.01%	0.007%
80	12.326	3506	3510	3517	rVB4	916	812	0.00%	0.000%
81	12.384	3521	3528	3535	rVV6	2288	3412	0.00%	0.001%
82	12.458	3548	3551	3563	rVB6	3531	4251	0.00%	0.001%
83	12.602	3586	3596	3606	rVB4	22289	35689	0.01%	0.009%
84	12.651	3606	3611	3616	rBV3	1008	911	0.00%	0.000%
85	12.718	3630	3632	3637	rVB3	970	622	0.00%	0.000%
86	12.879	3676	3682	3691	rVB8	3190	4069	0.00%	0.001%
87	12.943	3691	3702	3715	rBV2	83603	121952	0.04%	0.029%
88	13.136	3750	3762	3773	rBV	84786	128600	0.05%	0.031%
89	13.265	3797	3802	3811	rVB7	1103	1671	0.00%	0.000%
90	13.448	3851	3859	3866	rVB4	6141	8633	0.00%	0.002%
91	13.509	3871	3878	3886	rVV2	3601	5648	0.00%	0.001%
92	13.564	3887	3895	3909	rVB5	11769	18950	0.01%	0.005%
93	13.873	3984	3991	3994	rBV3	539	557	0.00%	0.000%
94	15.635	4533	4539	4544	rBV4	627	567	0.00%	0.000%
95	15.673	4549	4551	4556	rVB3	807	673	0.00%	0.000%
96	15.721	4563	4566	4570	rBV4	669	556	0.00%	0.000%
97	15.834	4598	4601	4604	rBV3	791	643	0.00%	0.000%
98	15.905	4619	4623	4626	rBV5	579	460	0.00%	0.000%
99	15.950	4635	4637	4643	rVB4	703	649	0.00%	0.000%
100	16.371	4764	4768	4769	rBV3	747	515	0.00%	0.000%

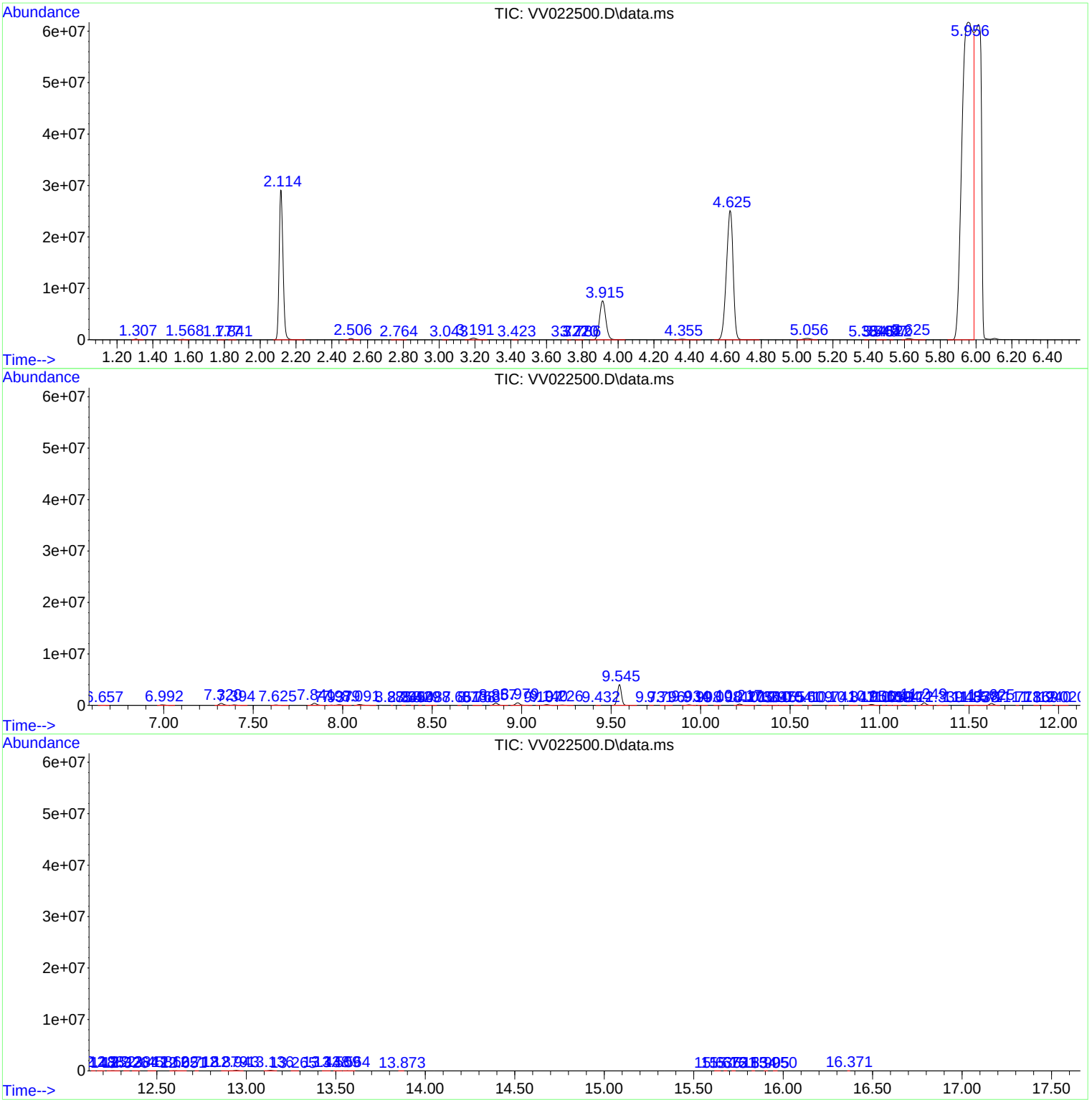
Sum of corrected areas: 418009220

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

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\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

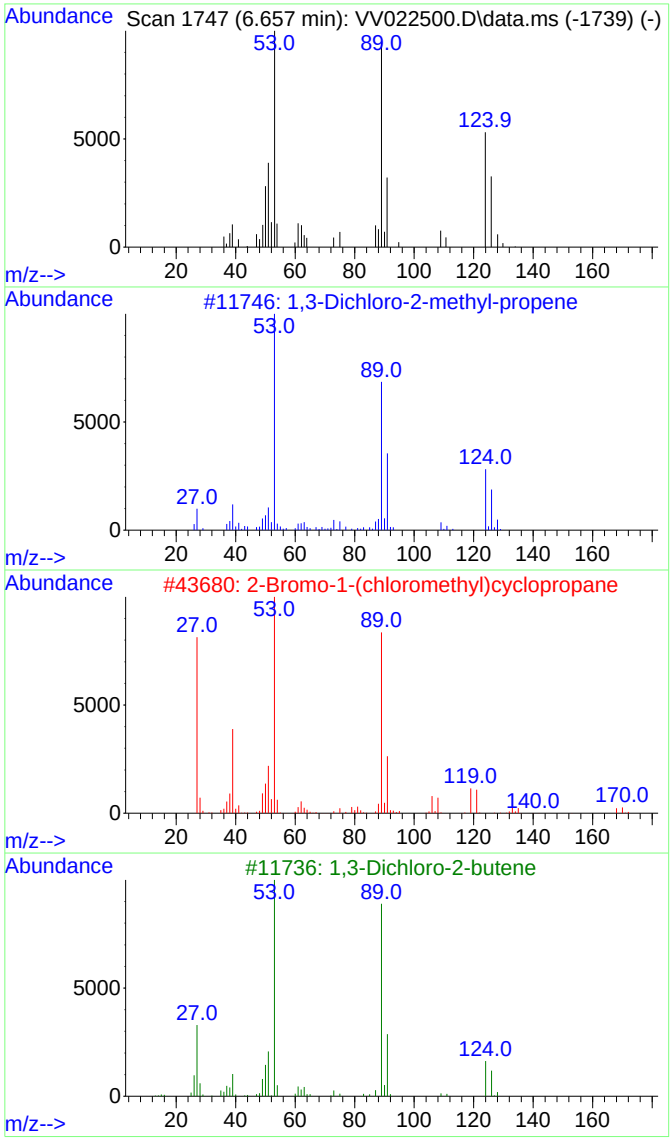
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

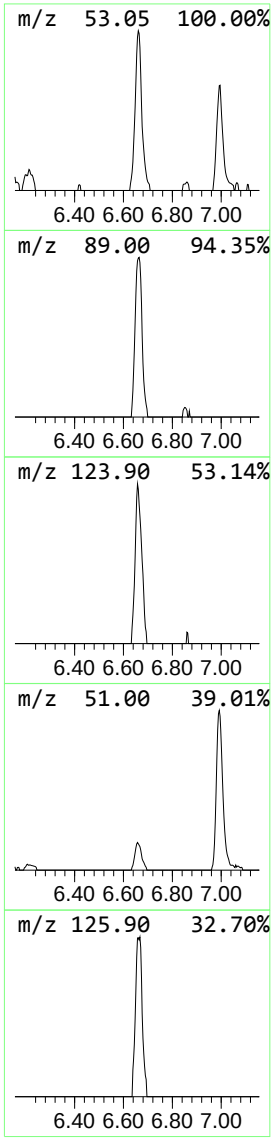
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Dichloro-2-methyl-propene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	2.66 ug/L	29747	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	87
2	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	50
3	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	40
4	1-Chloro-2-methylenecyclopropane	88	C4H5Cl	070302-78-2	35
5	1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

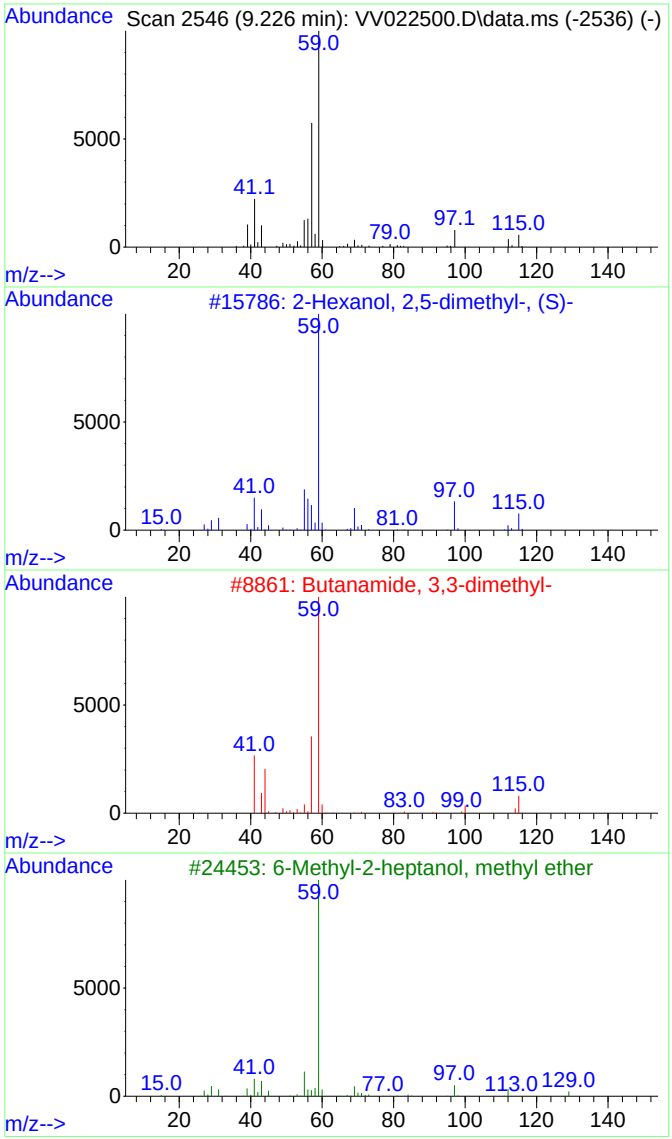
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

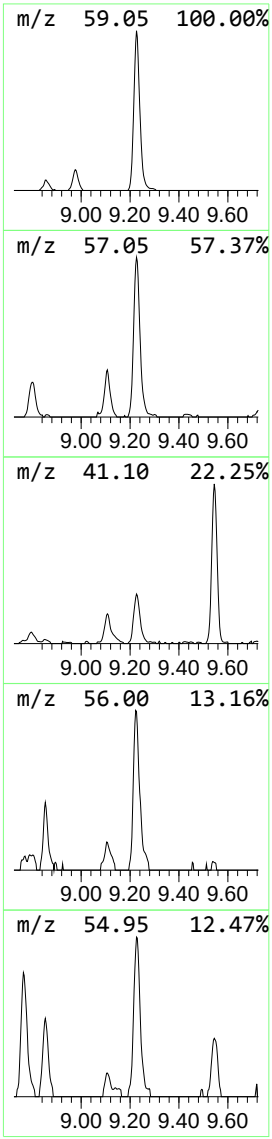
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.226	7.56 ug/L	106000	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	78
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	58
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	45
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

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

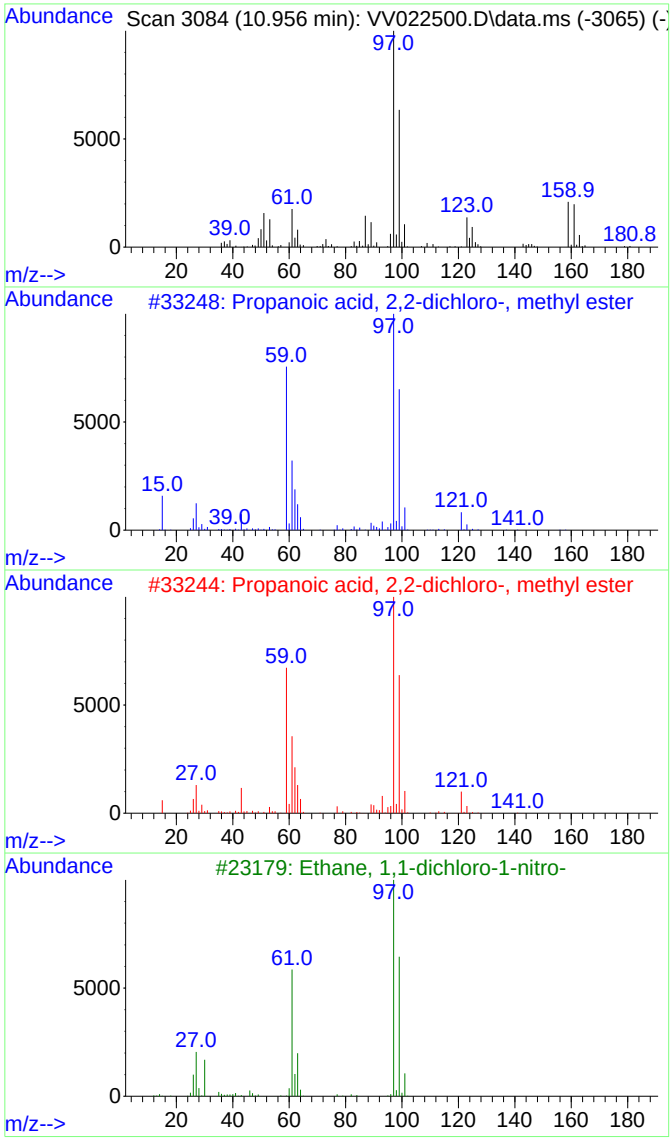
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

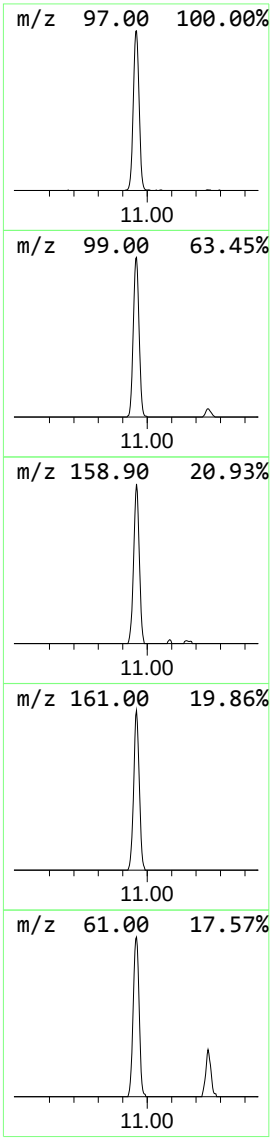
****

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.956	19.08 ug/L	286377	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	38
2	Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	38
3	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	38
4	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	38
5	Ethane, 2-bromo-1,1-dichloro-	176	C2H3BrCl2	000683-53-4	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

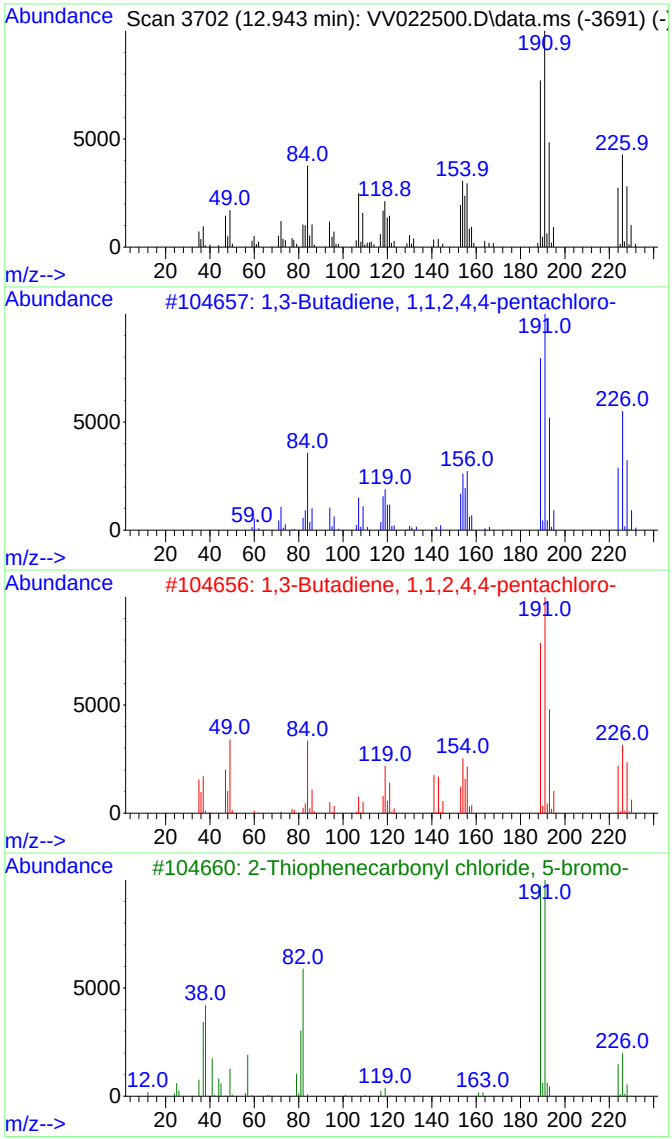
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

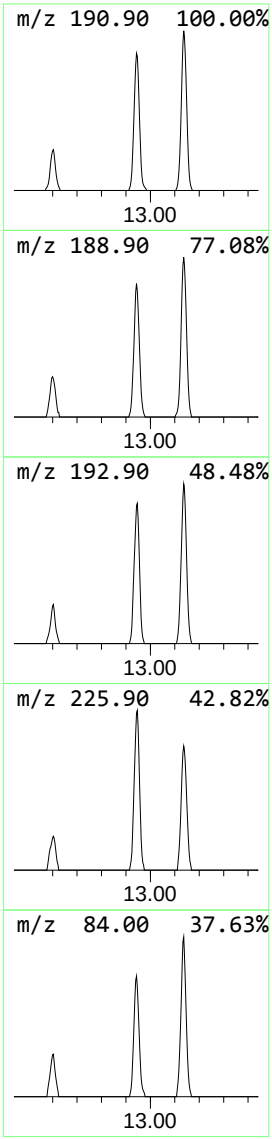
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.943	8.12 ug/L	121952	1,4-Dichlorobenzene-d4	11.249

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	93
3	2-Thiophenecarbonyl chloride, 5-...	224	C5H2BrClOS	031555-60-9	64
4	2-Thiophenecarbonyl chloride, 5-...	224	C5H2BrClOS	031555-60-9	50
5	4-Bromo-2-furamide	189	C5H4BrNO2	957345-95-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

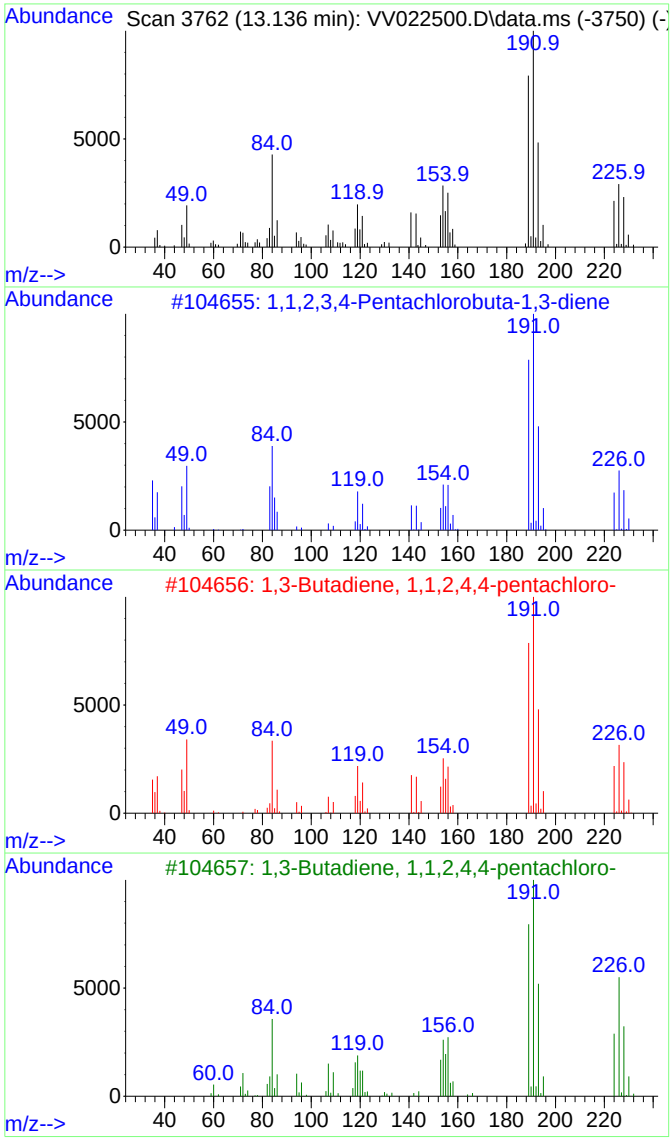
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

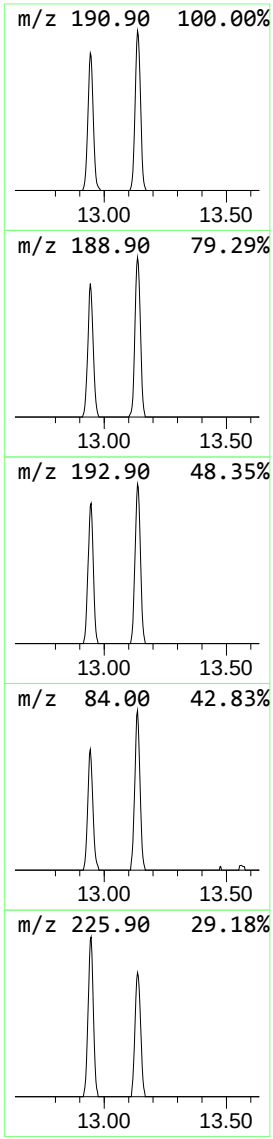
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1,2,3,4-Pentachlorobuta-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.136	8.57 ug/L	128600	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2,3,4-Pentachlorobuta-1,3-diene	224	C4HCl5	1010487-10-4	98
2	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	94
3	1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HCl5	021400-41-9	94
4	4-Bromo-2-furamide	189	C5H4BrNO2	957345-95-8	25
5	Fenclorim	224	C10H6Cl2N2	003740-92-9	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022500.D
Acq On : 02 Oct 2021 06:25
Operator : SY/MD
Sample : M4023-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

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
1,3-Dichloro-2-...	6.657	2.7	ug/L	29747	1	5.625	558257	50.0
2-Hexanol, 2,5-...	9.226	7.6	ug/L	106000	2	8.857	701301	50.0
unknown-01	10.956	19.1	ug/L	286377	3	11.249	750524	50.0
1,3-Butadiene, ...	12.943	8.1	ug/L	121952	3	11.249	750524	50.0
1,1,2,3,4-Penta...	13.136	8.6	ug/L	128600	3	11.249	750524	50.0