LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

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\SFAMVLM072523WMA.M
Title : VOC Analysis

Signal : TIC: VV031762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	66	74	89	rVV	209285	239696	15.97%	1.953%
2	1.349	93	96	106	rVB	14234	15843	1.06%	0.129%
3	1.532	146	153	170	rVB	195354	233788	15.58%	1.905%
4	2.060	308	317	328	rBV	352190	515406	34.34%	4.199%
5	2.114	328	334	351	rVB	57025	96738	6.45%	0.788%
6	2.381	413	417	423	rVB4	1364	1080	0.07%	0.009%
7	2.449	434	438	443	rVB5	1380	1545	0.10%	0.013%
8	2.568	464	475	499	rVV2	55703	115332	7.68%	0.940%
9	2.780	536	541	544	rBV5	657	641	0.04%	0.005%
10	2.822	552	554	558	rVB4	2068	1121	0.07%	0.009%
11	2.896	576	577	583	rVB3	1393	903	0.06%	0.007%
12	3.069	627	631	634	rVB4	854	773	0.05%	0.006%
13	3.185	665	667	671	rVB4	895	631	0.04%	0.005%
14	3.294	698	701	703	rVB3	1203	753	0.05%	0.006%
15	3.327	707	711	713	rBV4	1140	965	0.06%	0.008%
16	3.426	737	742	744	rBV5	1019	715	0.05%	0.006%
17	3.465	750	754	756	rBV3	1004	853	0.06%	0.007%
18	3.519	769	771	774	rVB5	1226	644	0.04%	0.005%
19	3.545	774	779	780	rBV2	1138	896	0.06%	0.007%
20	3.600	794	796	797	rBV2	1429	638	0.04%	0.005%
21	3.793	846	856	879	rBV	120447	343384	22.88%	2.798%
22	4.101	948	952	953	rBV3	1321	923	0.06%	0.008%
23	4.256	985	1000	1028	rBV	273914	711594	47.41%	5.798%
24	4.606	1107	1109	1112	rVB2	1565	624	0.04%	0.005%
25	4.638	1114	1119	1120	rBV3	2111	1364	0.09%	0.011%
26	4.712	1137	1142	1143	rBV4	954	733	0.05%	0.006%
27	4.741	1148	1151	1154	rVB5	1817	1229	0.08%	0.010%
28	4.793	1164	1167	1170	rBV6	1560	1072	0.07%	0.009%
29	4.822	1173	1176	1179	rBV4	2166	1466	0.10%	0.012%
30	4.963	1203	1220	1246	rVV2	562677	1500841	100.00%	12.228%
31	5.314	1327	1329	1334	rVV6	1595	1320	0.09%	0.011%
32	5.352	1338	1341	1345	rVB6	2007	1338	0.09%	0.011%
33	5.458	1372	1374	1378	rBV5	1543	1068	0.07%	0.009%
34	5.490	1378	1384	1387	rBV7	1467	1676	0.11%	0.014%
35	5.539	1387	1399	1423	rBV	374304	786387	52.40%	6.407%
36	5.828	1479	1489	1507	rVV2	52458	110935	7.39%	0.904%

LSC Area Percent Report

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Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BH2Y1

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\SFAMVLM072523WMA.M
Title : VOC Analysis

37	5.995	1528	1541	1559	rBV	366630	756263	50.39%	6.162%
38	6.294	1632	1634	1636	rBV2	1640	1044	0.07%	0.009%
39	6.452	1680	1683	1687	rBV6	2629	2206	0.15%	0.018%
40	6.510	1690	1701	1715	rBV2	66083	138588	9.23%	1.129%
41	6.850	1805	1807	1811	rVV5	1872	955	0.06%	0.008%
42	6.918	1818	1828	1856	rBV2	155026	304135	20.26%	2.478%
43	7.191	1911	1913	1917	rVB5	1559	746	0.05%	0.006%
44	7.249	1917	1931	1955	rBV	530080	966802	64.42%	7.877%
45	7.413	1980	1982	1989	rBV7	2104	2220	0.15%	0.018%
46	7.558	2018	2027	2052	rBV	120042	221403	14.75%	1.804%
47	7.809	2103	2105	2107	rBV3	1554	682	0.05%	0.006%
48	7.844	2114	2116	2117	rBV2	1725	693	0.05%	0.006%
49	7.979	2155	2158	2160	rBV4	1348	639	0.04%	0.005%
50	8.030	2164	2174	2189	rBV2	347879	689217	45.92%	5.616%
51	8.664	2368	2371	2373	rBV3	1420	773	0.05%	0.006%
52	8.680	2373	2376	2380	rVV6	1462	966	0.06%	0.008%
53	8.699	2380	2382	2385	rVB4	1836	1092	0.07%	0.009%
54	8.719	2385	2388	2392	rBV6	1423	1139	0.08%	0.009%
55	8.789	2397	2410	2435	rBV	628154	1054631	70.27%	8.593%
56	9.024	2481	2483	2485	rBV2	1285	792	0.05%	0.006%
57	9.149	2520	2522	2524	rBV3	1611	936	0.06%	0.008%
58	9.204	2537	2539	2544	rVB6	1960	1299	0.09%	0.011%
59	9.336	2575	2580	2581	rBV4	1949	1435	0.10%	0.012%
60	9.378	2590	2593	2595	rBV4	1275	799	0.05%	0.007%
61	9.407	2600	2602	2608	rVB6	2046	1685	0.11%	0.014%
62	9.445	2612	2614	2615	rVV2	1695	668	0.04%	0.005%
63	9.455	2615	2617	2621	rVB5	2209	1124	0.07%	0.009%
64	9.564	2646	2651	2655	rVB6	2933	2265	0.15%	0.018%
65	9.728	2694	2702	2708	rBV6	3915	6781	0.45%	0.055%
66	9.895	2750	2754	2762	rVB10	6316	7014	0.47%	0.057%
67	9.934	2762	2766	2772	rVB7	2222	2377	0.16%	0.019%
68	10.159	2824	2836	2853	rVV	470263	748861	49.90%	6.102%
69	10.410	2908	2914	2917	rVV8	2349	2594	0.17%	0.021%
70	10.487	2936	2938	2941	rBV4	1720	987	0.07%	0.008%
71	10.542	2953	2955	2958	rBV3	1069	834	0.06%	0.007%
72	10.567	2958	2963	2969	rBV8	4419	6492	0.43%	0.053%
73	10.802	3034	3036	3041	rVB5	1192	828	0.06%	0.007%
74	10.831	3042	3045	3048	rBV4	3037	2655	0.18%	0.022%
75	11.005	3090	3099	3100	rBV8	3803	4719	0.31%	0.038%
76	11.095	3126	3127	3130	rBV3	1012	622	0.04%	0.005%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

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_V\Method\SFAMVLM072523WMA.M
Title : VOC Analysis

77	11.133	3131	3139	3146	rVV6	22594	34793	2.32%	0.283%
78	11.191	3146	3157	3179	rVB	625130	982280	65.45%	8.003%
79	11.300	3186	3191	3198	rVB10	4986	7278	0.48%	0.059%
80	11.448	3235	3237	3240	rBV4	1310	724	0.05%	0.006%
81	11.500	3245	3253	3263	rVV6	13005	26013	1.73%	0.212%
82	11.567	3263	3274	3290	rVV	651860	1036836	69.08%	8.448%
83	11.944	3381	3391	3410	rBV2	137187	228644	15.23%	1.863%
84	12.252	3478	3487	3503	rBV2	85758	136668	9.11%	1.114%
85	12.516	3567	3569	3570	rBV	1461	672	0.04%	0.005%
86	12.590	3588	3592	3595	rBV5	2129	2035	0.14%	0.017%
87	12.786	3650	3653	3656	rBV5	1384	1013	0.07%	0.008%
88	12.805	3656	3659	3663	rBV4	1554	1647	0.11%	0.013%
89	12.995	3716	3718	3720	rBV3	2029	1089	0.07%	0.009%
90	13.104	3750	3752	3759	rVB7	2270	1988	0.13%	0.016%
91	13.336	3822	3824	3826	rBV3	1990	1107	0.07%	0.009%
92	13.673	3926	3929	3931	rBV3	1729	1327	0.09%	0.011%
93	13.873	3976	3991	4003	rBV	101069	165107	11.00%	1.345%
94	14.143	4072	4075	4076	rBV3	1435	874	0.06%	0.007%
95	14.297	4121	4123	4125	rBV3	1231	707	0.05%	0.006%
96	14.435	4164	4166	4168	rBV2	1380	617	0.04%	0.005%
97	14.548	4199	4201	4203	rBV2	1831	1060	0.07%	0.009%
98	14.715	4248	4253	4256	rBV7	1908	2242	0.15%	0.018%
99	15.159	4387	4391	4393	rBV5	2353	1989	0.13%	0.016%
100	15.596	4525	4527	4530	rVB3	3413	1722	0.11%	0.014%

Sum of corrected areas: 12273308

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
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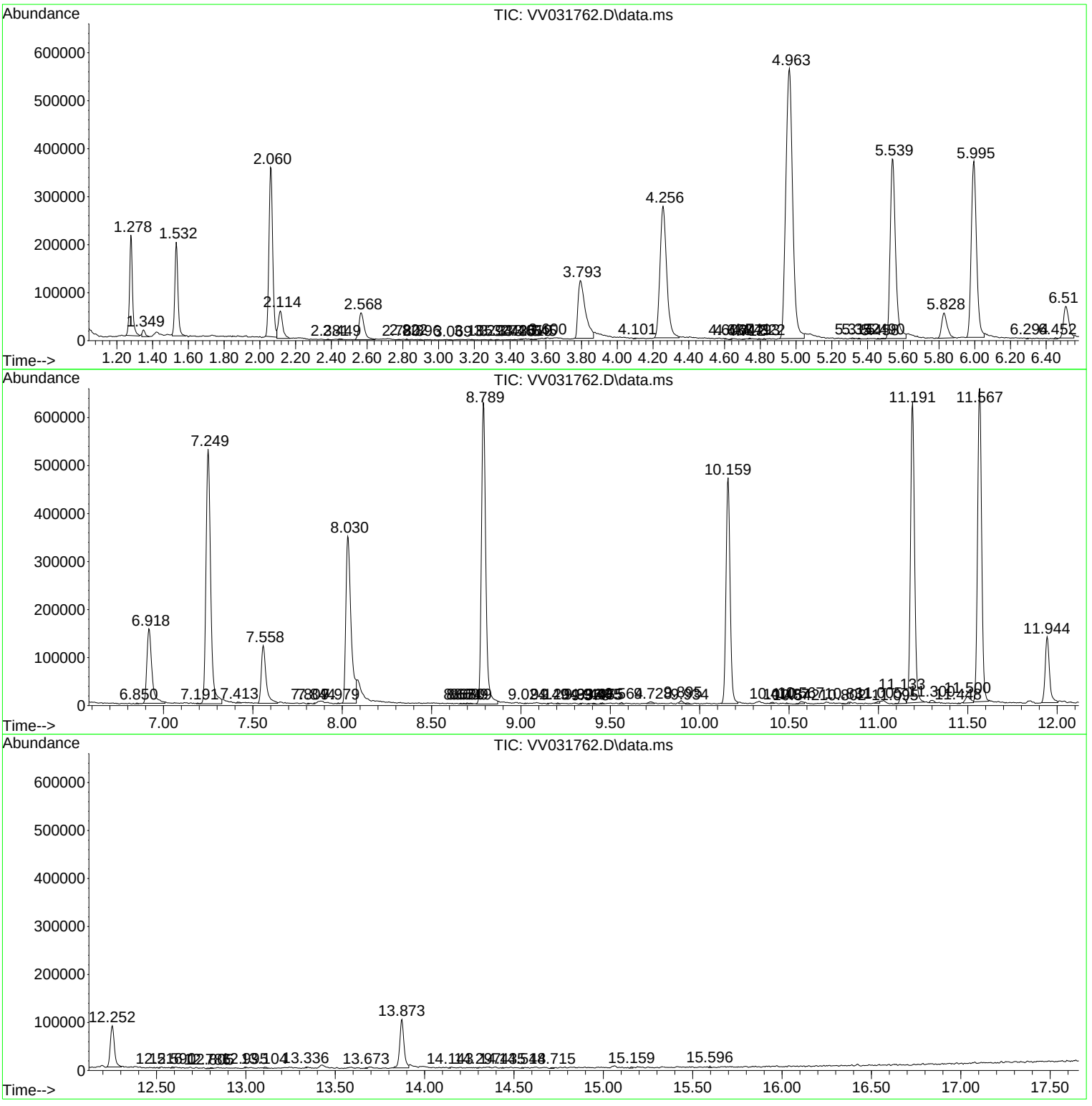
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

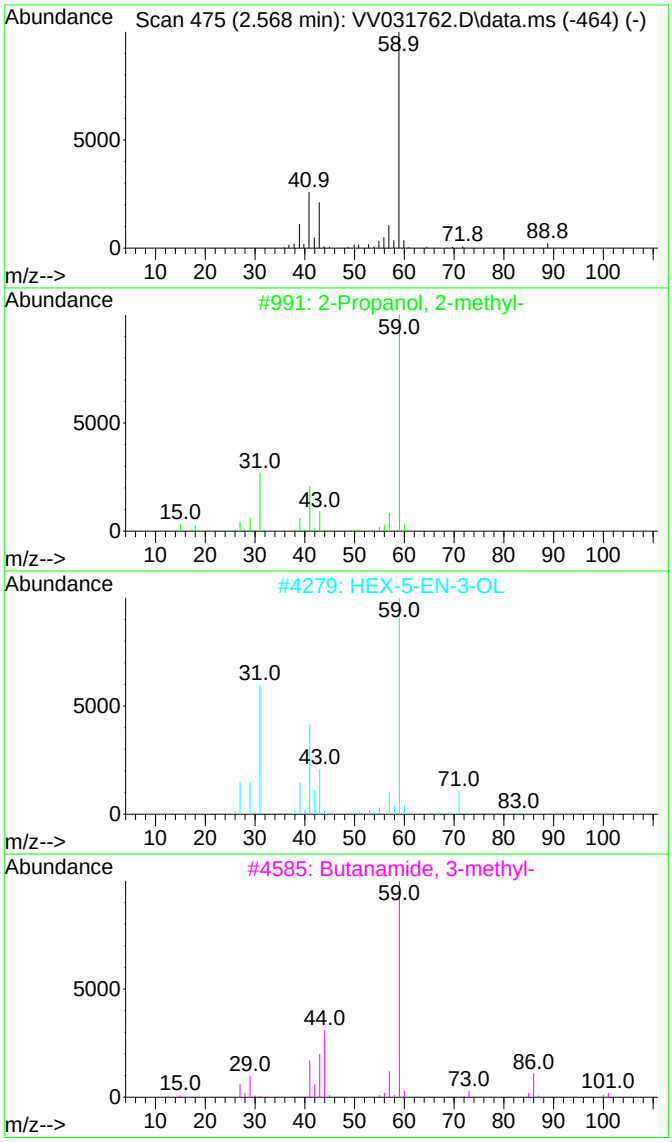
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

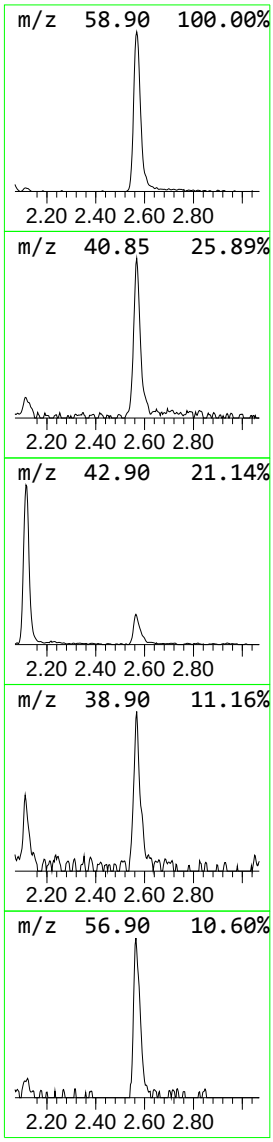
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.568	7.33 ug/L	115332	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
2	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	50
3	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	40
4	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	40
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

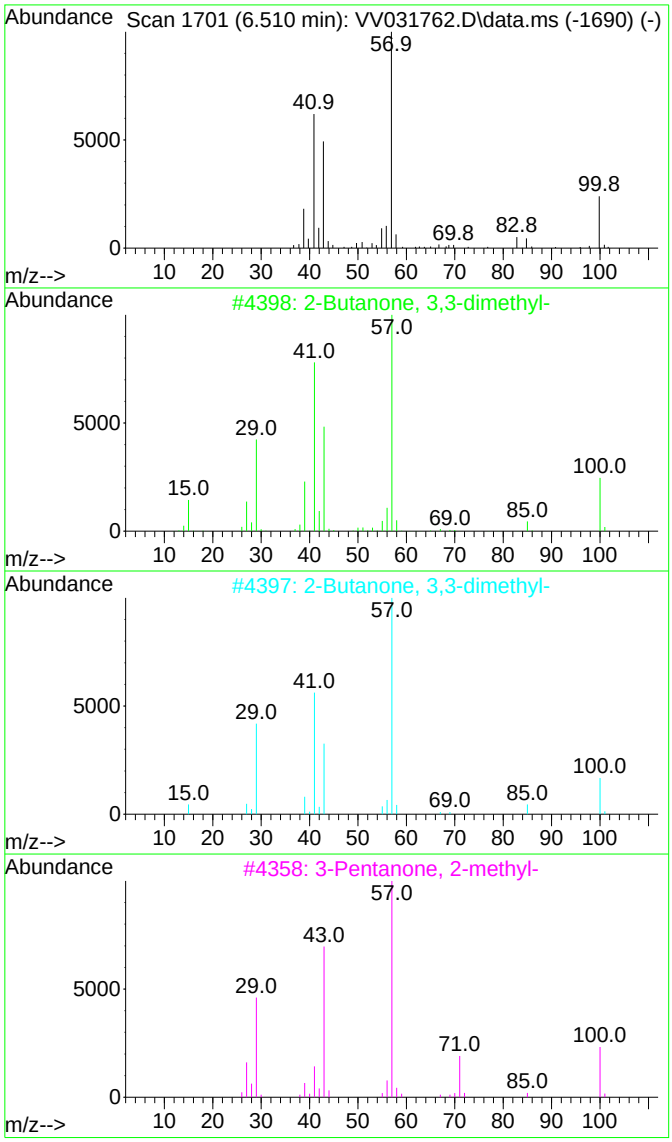
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

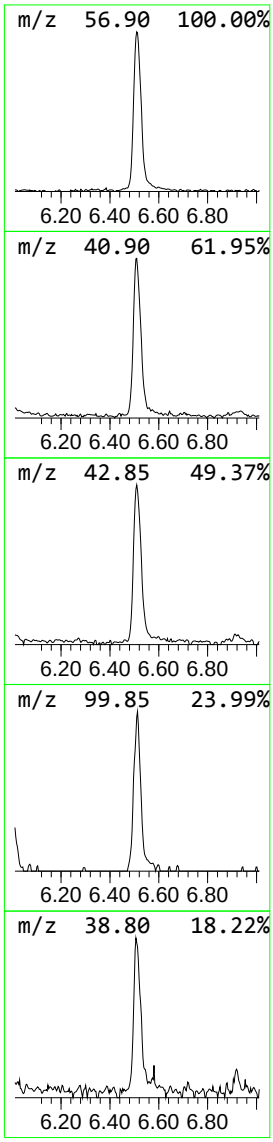
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanone, 3,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	8.81 ug/L	138588	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	87
2	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	59
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
4	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53
5	Butane, 2,3-dimethyl-2,3-dinitro-	176	C6H12N2O4	003964-18-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

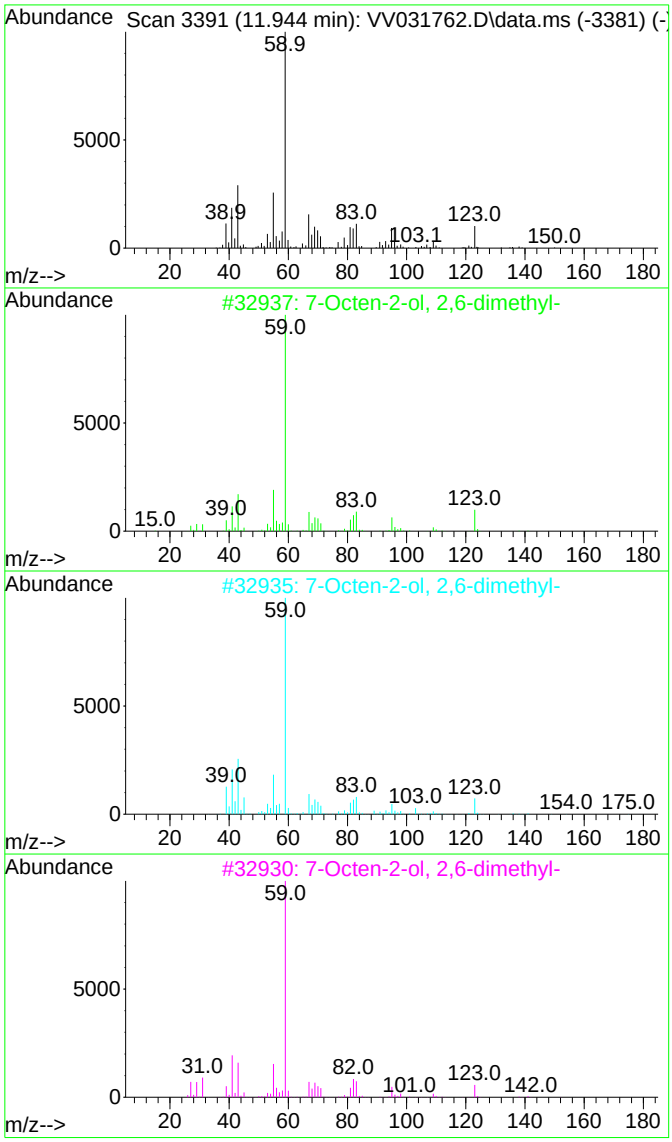
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

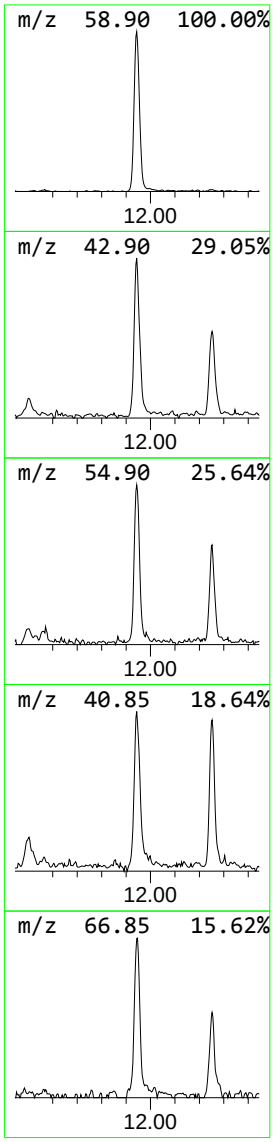
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.944	11.64 ug/L	228644	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	90
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	72
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

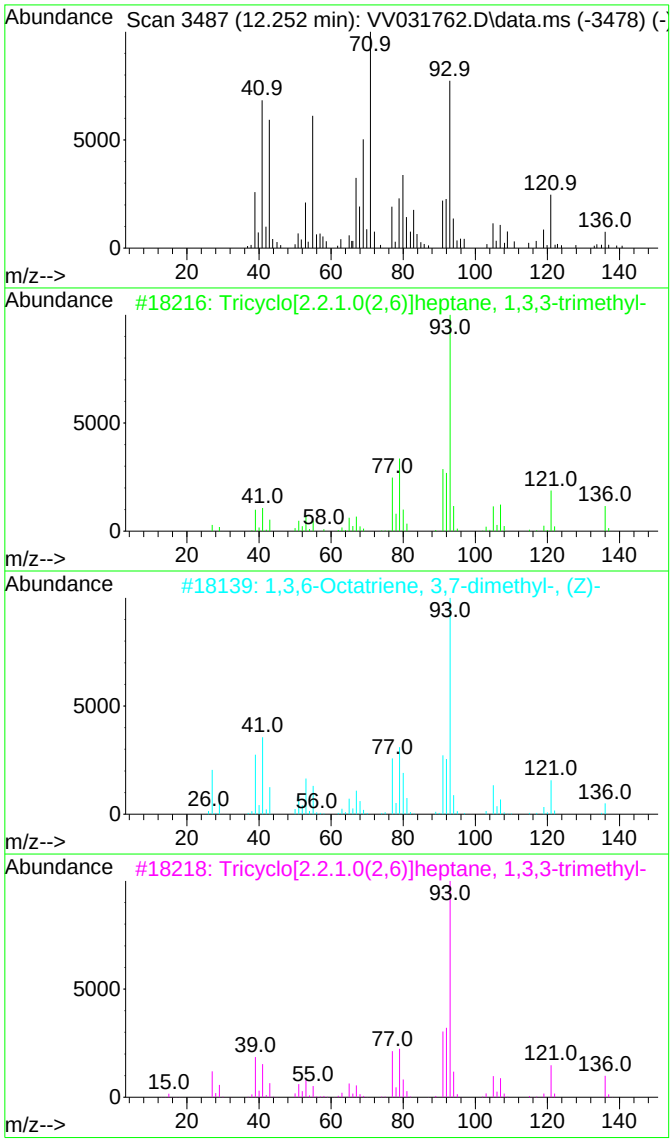
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

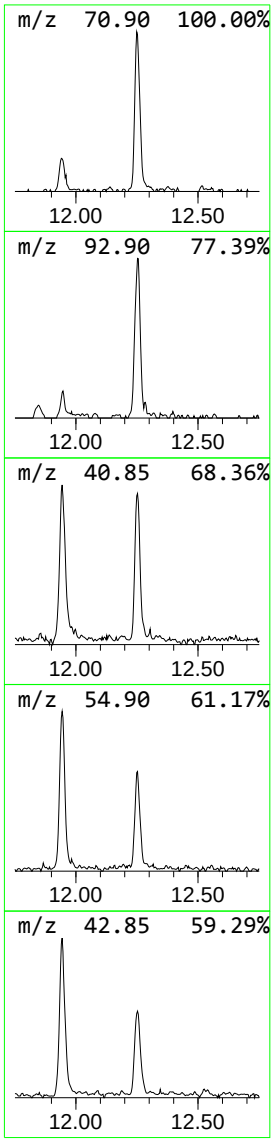
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.252	6.96 ug/L	136668	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	87
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	55
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	55
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	49
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

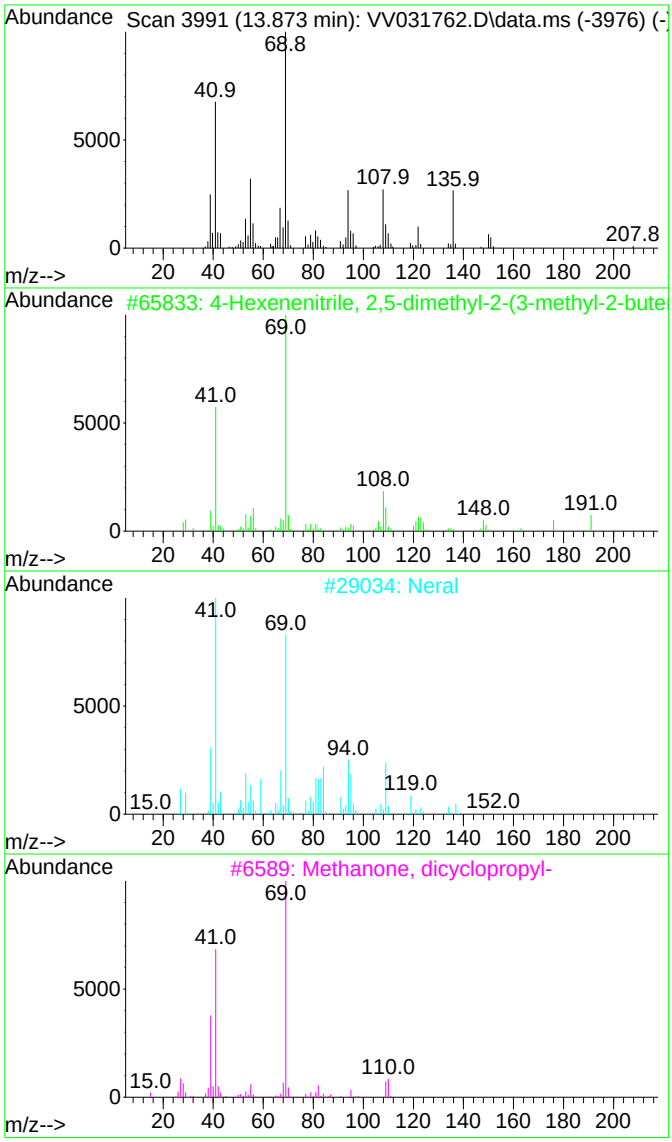
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

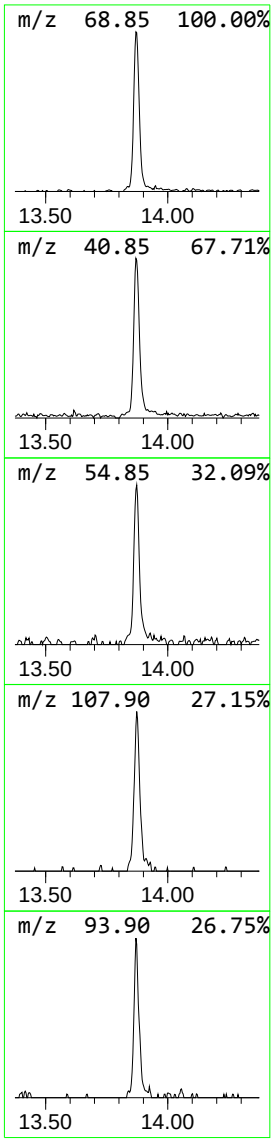
****

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	8.40 ug/L	165107	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	40
2	Neral	152	C10H16O	000106-26-3	40
3	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
4	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	38
5	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031762.D
Acq On : 26 Jul 2023 12:28
Operator : SY/MD
Sample : 03712-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.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-Propanol, 2-m...	2.568	7.3	ug/L	115332	1	5.542	786387	50.0
2-Butanone, 3,3...	6.510	8.8	ug/L	138588	1	5.542	786387	50.0
7-Octen-2-ol, 2...	11.944	11.6	ug/L	228644	3	11.191	982280	50.0
Tricyclo[2.2.1....	12.252	7.0	ug/L	136668	3	11.191	982280	50.0
unknown-01	13.873	8.4	ug/L	165107	3	11.191	982280	50.0