LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035657.D
Acq On : 21 May 2024 22:32
Operator : SY/MD
Sample : P2547-13
Misc : 6.00g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X0

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\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.449	427	438	458	rVB	36851	62656	32.49%	5.557%
2	2.722	521	523	525	rBV	446	183	0.09%	0.016%
3	2.790	541	544	548	rVB3	434	269	0.14%	0.024%
4	2.822	551	554	556	rBV	304	141	0.07%	0.013%
5	2.970	592	600	616	rVB4	4282	9239	4.79%	0.819%
6	3.198	666	671	672	rBV4	258	163	0.08%	0.014%
7	3.240	683	684	685	rBV4	183	58	0.03%	0.005%
8	3.346	714	717	719	rBV2	218	157	0.08%	0.014%
9	3.365	720	723	728	rVB2	369	308	0.16%	0.027%
10	3.410	733	737	738	rVV	153	86	0.04%	0.008%
11	3.429	738	743	745	rVV2	161	161	0.08%	0.014%
12	3.465	749	754	756	rBV2	176	170	0.09%	0.015%
13	3.516	765	770	773	rBV	304	247	0.13%	0.022%
14	3.545	776	779	782	rVV2	381	274	0.14%	0.024%
15	3.658	811	814	817	rBV2	236	164	0.09%	0.015%
16	3.690	822	824	827	rBV2	139	79	0.04%	0.007%
17	3.745	835	841	847	rBV2	246	355	0.18%	0.031%
18	3.822	847	865	894	rBV	19866	75568	39.19%	6.702%
19	4.140	962	964	965	rBV	368	176	0.09%	0.016%
20	4.253	988	999	1027	rVB2	34698	92584	48.02%	8.211%
21	4.590	1102	1104	1108	rVB2	199	94	0.05%	0.008%
22	4.629	1114	1116	1120	rVB2	346	163	0.08%	0.014%
23	4.725	1143	1146	1149	rBV	200	131	0.07%	0.012%
24	4.786	1162	1165	1168	rBV	203	111	0.06%	0.010%
25	4.806	1168	1171	1173	rBV	274	197	0.10%	0.017%
26	4.854	1183	1186	1189	rVB	264	148	0.08%	0.013%
27	4.899	1196	1200	1203	rVB2	279	220	0.11%	0.020%
28	4.918	1203	1206	1207	rBV2	212	123	0.06%	0.011%
29	4.963	1207	1220	1252	rBV4	71580	192818	100.00%	17.100%
30	5.236	1302	1305	1307	rBV2	317	186	0.10%	0.016%
31	5.249	1307	1309	1312	rVB2	343	157	0.08%	0.014%
32	5.272	1312	1316	1320	rBV2	292	305	0.16%	0.027%
33	5.436	1362	1367	1368	rBV	141	113	0.06%	0.010%
34	5.500	1386	1387	1390	rVB2	233	72	0.04%	0.006%
35	5.545	1390	1401	1427	rBV	40323	94210	48.86%	8.355%
36	5.838	1482	1492	1507	rBV5	6686	15650	8.12%	1.388%

LSC Area Percent Report

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Sample : P2547-13
Misc : 6.00g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X0

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\SFAMVLM050624SMA.M
Title : VOC Analysis

37	5.925	1516	1519	1520	rVB	217	114	0.06%	0.010%
38	5.934	1520	1522	1525	rVB2	214	115	0.06%	0.010%
39	5.957	1525	1529	1530	rBV	209	149	0.08%	0.013%
40	5.995	1530	1541	1573	rBV	43577	99583	51.65%	8.832%
41	6.156	1589	1591	1592	rBV	274	136	0.07%	0.012%
42	6.211	1604	1608	1611	rBV2	306	258	0.13%	0.023%
43	6.269	1625	1626	1628	rVB	220	56	0.03%	0.005%
44	6.285	1628	1631	1633	rBV	157	100	0.05%	0.009%
45	6.333	1643	1646	1648	rBV2	194	115	0.06%	0.010%
46	6.378	1653	1660	1664	rVV3	242	315	0.16%	0.028%
47	6.397	1664	1666	1670	rVV2	392	230	0.12%	0.020%
48	6.420	1671	1673	1678	rVB2	310	184	0.10%	0.016%
49	6.452	1680	1683	1692	rBV2	276	304	0.16%	0.027%
50	6.519	1701	1704	1707	rBV	226	171	0.09%	0.015%
51	6.552	1711	1714	1717	rVB	362	220	0.11%	0.020%
52	6.577	1717	1722	1724	rBV2	133	124	0.06%	0.011%
53	6.590	1724	1726	1731	rVB2	312	202	0.10%	0.018%
54	6.613	1731	1733	1735	rBV2	227	91	0.05%	0.008%
55	6.638	1738	1741	1744	rBV	196	128	0.07%	0.011%
56	6.674	1749	1752	1756	rBV2	111	97	0.05%	0.009%
57	6.748	1773	1775	1778	rVB2	243	121	0.06%	0.011%
58	6.764	1778	1780	1781	rBV	135	57	0.03%	0.005%
59	6.928	1821	1831	1852	rBV2	11317	27933	14.49%	2.477%
60	7.076	1875	1877	1878	rBV	246	87	0.05%	0.008%
61	7.137	1893	1896	1897	rBV	134	80	0.04%	0.007%
62	7.182	1907	1910	1912	rBV	152	99	0.05%	0.009%
63	7.211	1915	1919	1922	rBV	341	228	0.12%	0.020%
64	7.249	1922	1931	1956	rBV	52725	103820	53.84%	9.207%
65	7.532	2016	2019	2021	rBV	250	165	0.09%	0.015%
66	7.577	2024	2033	2047	rBV4	6014	13890	7.20%	1.232%
67	7.722	2075	2078	2080	rBV2	322	198	0.10%	0.018%
68	7.770	2091	2093	2095	rBV2	317	188	0.10%	0.017%
69	7.822	2106	2109	2111	rBV	220	131	0.07%	0.012%
70	7.876	2116	2126	2138	rVB3	5972	10829	5.62%	0.960%
71	7.947	2146	2148	2149	rBV3	212	98	0.05%	0.009%
72	7.973	2152	2156	2157	rBV2	342	210	0.11%	0.019%
73	8.066	2178	2185	2192	rBV6	3997	7479	3.88%	0.663%
74	8.320	2258	2264	2268	rBV3	433	516	0.27%	0.046%
75	8.690	2376	2379	2381	rBV	405	273	0.14%	0.024%
76	8.732	2390	2392	2393	rBV	187	99	0.05%	0.009%

LSC Area Percent Report

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Sample : P2547-13
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X0

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\SFAMVLM050624SMA.M
Title : VOC Analysis

77	8.789	2401	2410	2437	rBV	57739	107147	55.57%	9.502%
78	9.092	2502	2504	2506	rBV2	379	204	0.11%	0.018%
79	9.124	2513	2514	2516	rBV2	273	132	0.07%	0.012%
80	9.455	2614	2617	2619	rBV	260	184	0.10%	0.016%
81	9.500	2628	2631	2640	rVB5	501	673	0.35%	0.060%
82	9.551	2643	2647	2649	rBV	264	209	0.11%	0.019%
83	9.738	2699	2705	2707	rBV3	363	364	0.19%	0.032%
84	9.979	2775	2780	2781	rBV2	365	217	0.11%	0.019%
85	10.085	2810	2813	2819	rBV2	484	480	0.25%	0.043%
86	10.156	2826	2835	2848	rBV2	29393	48187	24.99%	4.274%
87	10.230	2856	2858	2861	rVB2	359	180	0.09%	0.016%
88	10.326	2880	2888	2899	rVB2	9764	15711	8.15%	1.393%
89	10.371	2899	2902	2907	rBV2	331	340	0.18%	0.030%
90	10.522	2947	2949	2952	rBV2	369	222	0.12%	0.020%
91	10.667	2990	2994	2996	rBV3	351	239	0.12%	0.021%
92	10.947	3079	3081	3085	rBV	304	181	0.09%	0.016%
93	11.101	3127	3129	3132	rBV	226	120	0.06%	0.011%
94	11.191	3148	3157	3176	rBV2	34212	59507	30.86%	5.277%
95	11.420	3225	3228	3231	rBV	266	174	0.09%	0.015%
96	11.564	3263	3273	3291	rBV	32951	56435	29.27%	5.005%
97	11.725	3319	3323	3327	rBV3	634	577	0.30%	0.051%
98	11.895	3372	3376	3378	rBV2	408	315	0.16%	0.028%
99	12.281	3492	3496	3499	rBV2	491	343	0.18%	0.030%
100	13.683	3925	3932	3942	rVB2	13886	18498	9.59%	1.641%

Sum of corrected areas: 1127568

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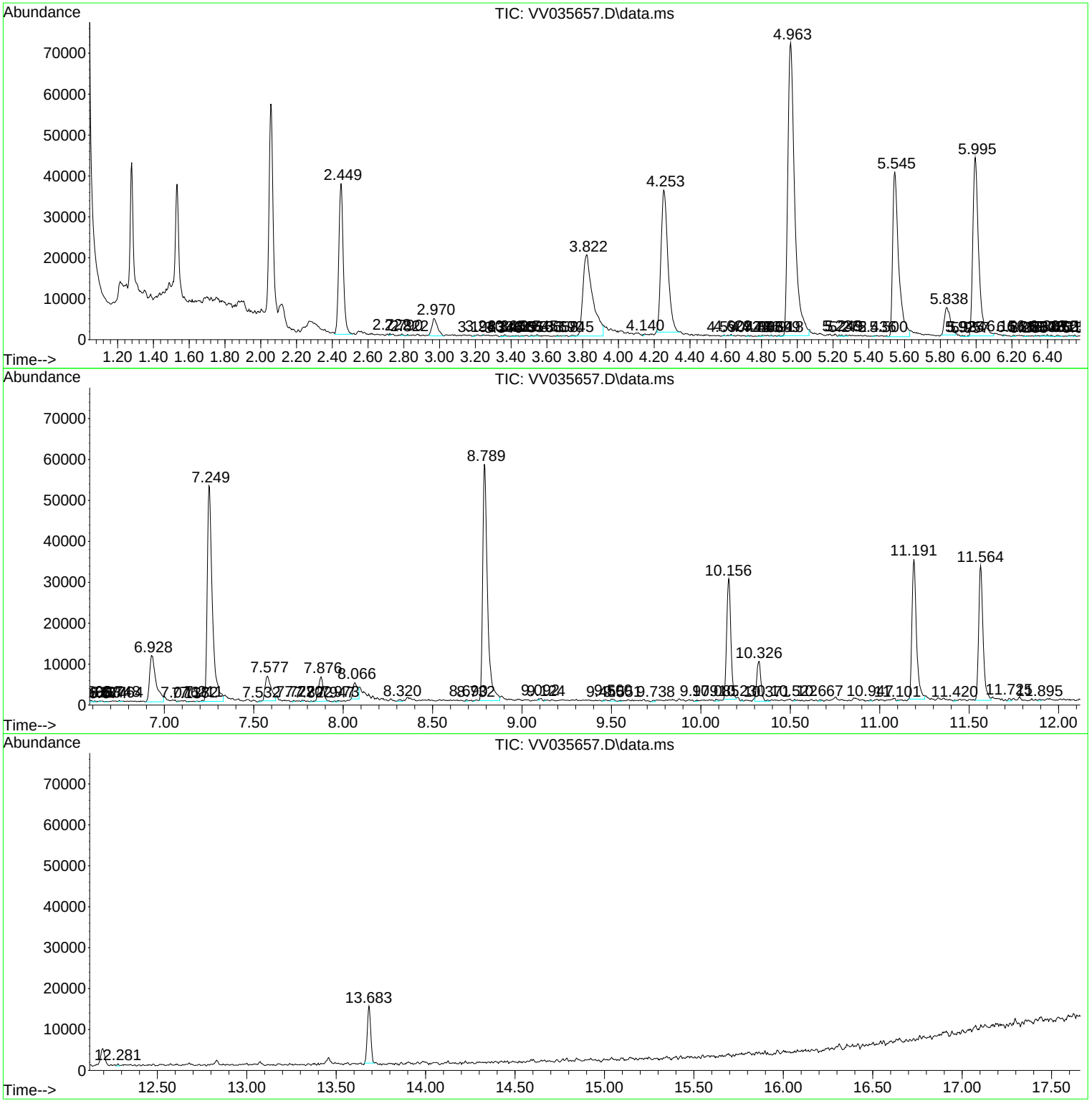
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
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Instrument :
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ClientSampleId :
BH5X0

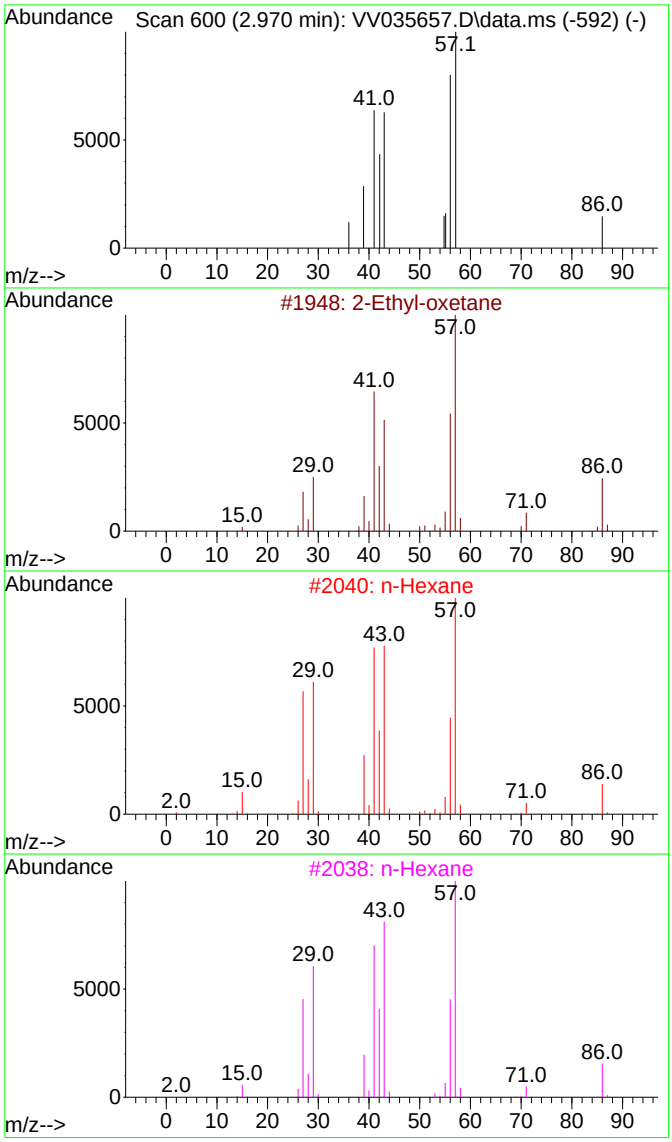
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

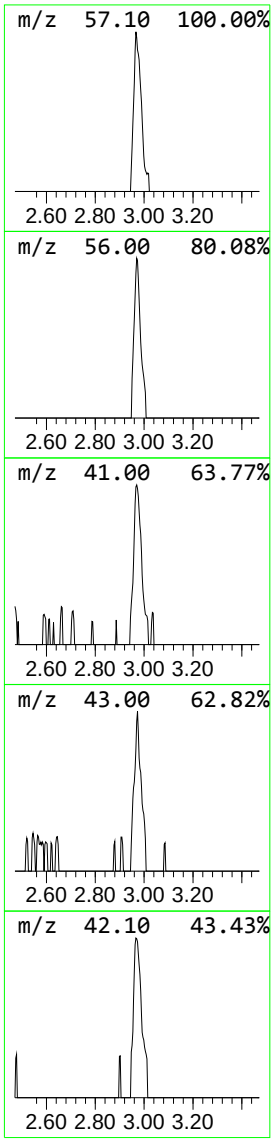
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.970	2.45 ug/L	9239	1,4-Difluorobenzene	5.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	50
2	n-Hexane	86	C6H14	000110-54-3	43
3	n-Hexane	86	C6H14	000110-54-3	43
4	n-Hexane	86	C6H14	000110-54-3	9
5	1-Hexene	84	C6H12	000592-41-6	9





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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X0

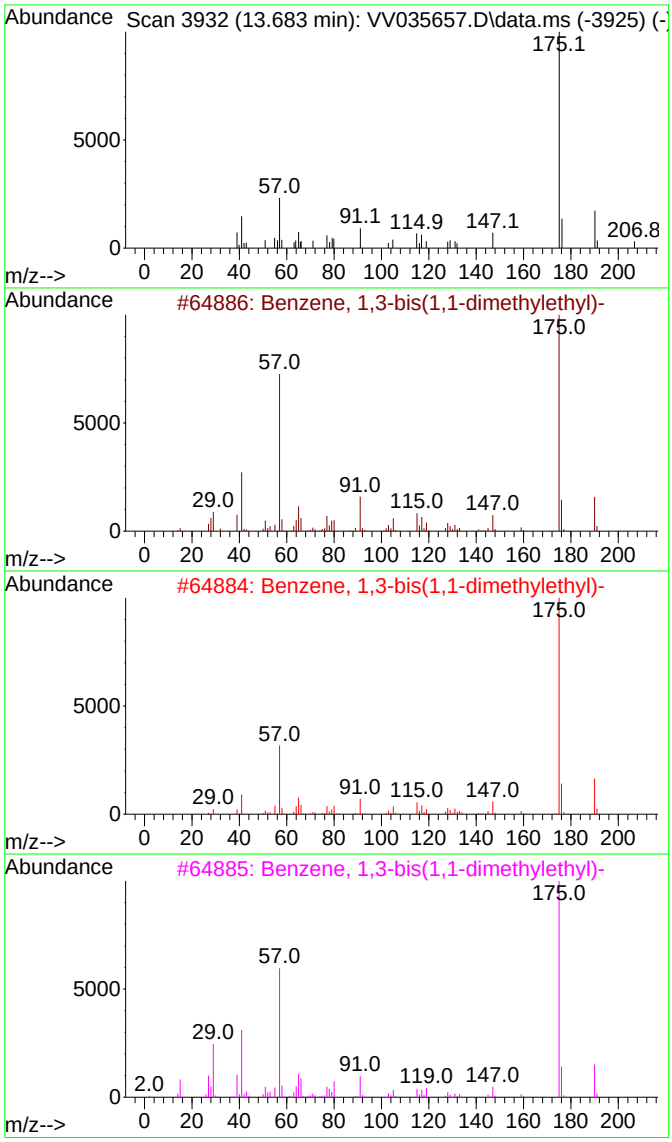
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

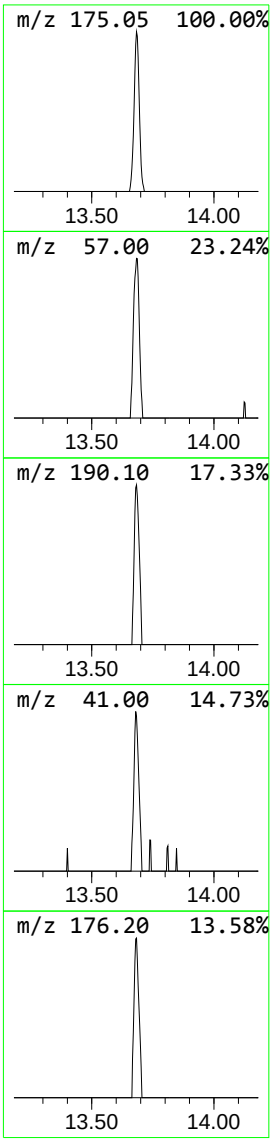
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	7.77 ug/L	18498	1,4-Dichlorobenzene-d4	11.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86





Tentatively Identified Compound (LSC) summary

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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-Ethyl-oxetane	2.970	2.5	ug/L	9239	1	5.545	94210	25.0
Benzene, 1,3-bi...	13.683	7.8	ug/L	18498	3	11.195	59507	25.0