LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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: VV035692.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	86	rVB	136080	149365	14.88%	2.192%
2	1.526	140	151	165	rVB2	130711	188682	18.80%	2.769%
3	1.761	218	224	235	rVB	24970	32501	3.24%	0.477%
4	2.050	305	314	336	rVB	209642	316935	31.58%	4.652%
5	2.150	337	345	364	rVB3	25476	46533	4.64%	0.683%
6	2.381	402	417	425	rBV5	12723	38705	3.86%	0.568%
7	2.442	427	436	454	rVB	87844	154928	15.44%	2.274%
8	2.555	461	471	484	rVB	14594	30636	3.05%	0.450%
9	2.757	531	534	537	rBV2	756	565	0.06%	0.008%
10	2.963	586	598	615	rBV2	18476	38458	3.83%	0.564%
11	3.114	642	645	652	rVB5	644	699	0.07%	0.010%
12	3.156	652	658	660	rBV2	404	428	0.04%	0.006%
13	3.314	702	707	710	rBV2	557	486	0.05%	0.007%
14	3.857	852	876	929	rBV3	39764	263538	26.26%	3.868%
15	4.143	963	965	971	rVB4	855	701	0.07%	0.010%
16	4.246	980	997	1024	rBV	176319	469615	46.79%	6.893%
17	4.468	1064	1066	1073	rVB6	1176	1206	0.12%	0.018%
18	4.593	1103	1105	1109	rVB2	697	433	0.04%	0.006%
19	4.674	1128	1130	1137	rVB3	550	379	0.04%	0.006%
20	4.751	1150	1154	1156	rBV2	629	388	0.04%	0.006%
21	4.786	1161	1165	1170	rVB2	443	389	0.04%	0.006%
22	4.953	1202	1217	1252	rBV2	377869	1003677	100.00%	14.731%
23	5.269	1311	1315	1319	rBV5	525	575	0.06%	0.008%
24	5.420	1356	1362	1370	rVB7	1632	2762	0.28%	0.041%
25	5.532	1383	1397	1427	rBV	353468	754401	75.16%	11.073%
26	5.828	1479	1489	1508	rBV3	19248	44674	4.45%	0.656%
27	5.941	1521	1524	1526	rBV2	625	464	0.05%	0.007%
28	5.986	1526	1538	1572	rVV	234249	511941	51.01%	7.514%
29	6.378	1658	1660	1665	rBV4	458	464	0.05%	0.007%
30	6.699	1757	1760	1767	rVB7	682	635	0.06%	0.009%
31	6.921	1818	1829	1855	rBV2	31988	70909	7.06%	1.041%
32	7.182	1905	1910	1912	rBV4	1025	789	0.08%	0.012%
33	7.243	1918	1929	1950	rBV	293554	537382	53.54%	7.887%
34	7.506	2008	2011	2019	rVB5	1298	1467	0.15%	0.022%
35	7.564	2020	2029	2047	rBV2	25519	53880	5.37%	0.791%
36	7.873	2113	2125	2135	rBV3	10189	18152	1.81%	0.266%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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	8.011	2164	2168	2171	rBV2	735	540	0.05%	0.008%
38	8.050	2171	2180	2206	rBV6	24345	84762	8.45%	1.244%
39	8.362	2268	2277	2295	rVB2	12855	24801	2.47%	0.364%
40	8.522	2321	2327	2337	rVV7	2047	3061	0.30%	0.045%
41	8.584	2340	2346	2351	rVB4	902	1073	0.11%	0.016%
42	8.719	2382	2388	2389	rBV3	645	463	0.05%	0.007%
43	8.783	2397	2408	2441	rBV	392699	684238	68.17%	10.043%
44	9.047	2481	2490	2492	rBV4	1904	2753	0.27%	0.040%
45	9.079	2492	2500	2515	rVB	20662	36869	3.67%	0.541%
46	9.236	2546	2549	2551	rBV	558	394	0.04%	0.006%
47	9.249	2551	2553	2562	rVB5	1506	1559	0.16%	0.023%
48	9.307	2565	2571	2574	rBV2	541	549	0.05%	0.008%
49	9.400	2594	2600	2604	rBV7	1242	1560	0.16%	0.023%
50	9.484	2617	2626	2639	rBV	13557	23014	2.29%	0.338%
51	9.612	2664	2666	2669	rVB2	776	382	0.04%	0.006%
52	9.635	2669	2673	2679	rVB6	776	827	0.08%	0.012%
53	9.870	2742	2746	2751	rBV5	628	605	0.06%	0.009%
54	10.066	2798	2807	2815	rVV6	1681	2678	0.27%	0.039%
55	10.153	2823	2834	2855	rBV	203670	328022	32.68%	4.814%
56	10.323	2877	2887	2898	rVB3	22848	38037	3.79%	0.558%
57	10.391	2900	2908	2926	rBV	6875	12846	1.28%	0.189%
58	10.477	2926	2935	2943	rBV2	10656	16690	1.66%	0.245%
59	10.680	2986	2998	3007	rBV2	9148	15072	1.50%	0.221%
60	10.744	3014	3018	3020	rBV3	911	639	0.06%	0.009%
61	10.854	3042	3052	3074	rVV	31293	51933	5.17%	0.762%
62	11.085	3115	3124	3132	rVB4	4963	7059	0.70%	0.104%
63	11.127	3132	3137	3145	rBV6	1770	2537	0.25%	0.037%
64	11.185	3145	3155	3175	rBV	206880	339951	33.87%	4.990%
65	11.323	3194	3198	3205	rVB7	1753	2245	0.22%	0.033%
66	11.362	3206	3210	3219	rVB8	3881	5502	0.55%	0.081%
67	11.416	3224	3227	3233	rVB4	771	684	0.07%	0.010%
68	11.471	3238	3244	3246	rBV4	1489	1438	0.14%	0.021%
69	11.519	3255	3259	3261	rBV2	712	633	0.06%	0.009%
70	11.561	3261	3272	3294	rVV	156007	264526	26.36%	3.883%
71	11.728	3317	3324	3332	rVB6	2188	3167	0.32%	0.046%
72	11.776	3332	3339	3341	rBV6	1864	2089	0.21%	0.031%
73	11.918	3380	3383	3386	rBV4	603	481	0.05%	0.007%
74	12.143	3449	3453	3455	rVV2	591	440	0.04%	0.006%
75	12.194	3459	3469	3479	rVB2	13935	22060	2.20%	0.324%
76	12.252	3484	3487	3491	rVV3	581	426	0.04%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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	12.313	3503	3506	3510	rBV3	496	475	0.05%	0.007%
78	12.355	3516	3519	3527	rVB3	1252	1408	0.14%	0.021%
79	12.503	3563	3565	3569	rVB3	694	432	0.04%	0.006%
80	12.526	3569	3572	3574	rBV	1080	671	0.07%	0.010%
81	12.583	3586	3590	3600	rVB5	1639	2735	0.27%	0.040%
82	12.625	3600	3603	3607	rBV2	475	396	0.04%	0.006%
83	12.825	3658	3665	3675	rVV6	3680	5511	0.55%	0.081%
84	12.873	3678	3680	3685	rVB3	582	440	0.04%	0.006%
85	13.069	3739	3741	3743	rBV2	693	429	0.04%	0.006%
86	13.098	3743	3750	3757	rVB8	4640	7212	0.72%	0.106%
87	13.153	3763	3767	3771	rBV4	507	440	0.04%	0.006%
88	13.210	3776	3785	3791	rBV5	1701	2568	0.26%	0.038%
89	13.384	3836	3839	3842	rBV2	605	462	0.05%	0.007%
90	13.455	3852	3861	3872	rBV4	2855	5819	0.58%	0.085%
91	13.683	3921	3932	3945	rVB	32355	48726	4.85%	0.715%
92	13.792	3963	3966	3970	rVB3	973	653	0.07%	0.010%
93	13.818	3970	3974	3976	rBV3	577	435	0.04%	0.006%
94	13.982	4016	4025	4041	rVB3	2531	5328	0.53%	0.078%
95	14.120	4064	4068	4073	rBV5	1653	1850	0.18%	0.027%
96	14.217	4094	4098	4101	rBV5	698	562	0.06%	0.008%
97	14.439	4164	4167	4170	rBV3	665	547	0.05%	0.008%
98	14.628	4224	4226	4233	rVB4	635	666	0.07%	0.010%
99	14.857	4295	4297	4301	rVB3	670	383	0.04%	0.006%
100	15.181	4395	4398	4404	rBV5	793	749	0.07%	0.011%

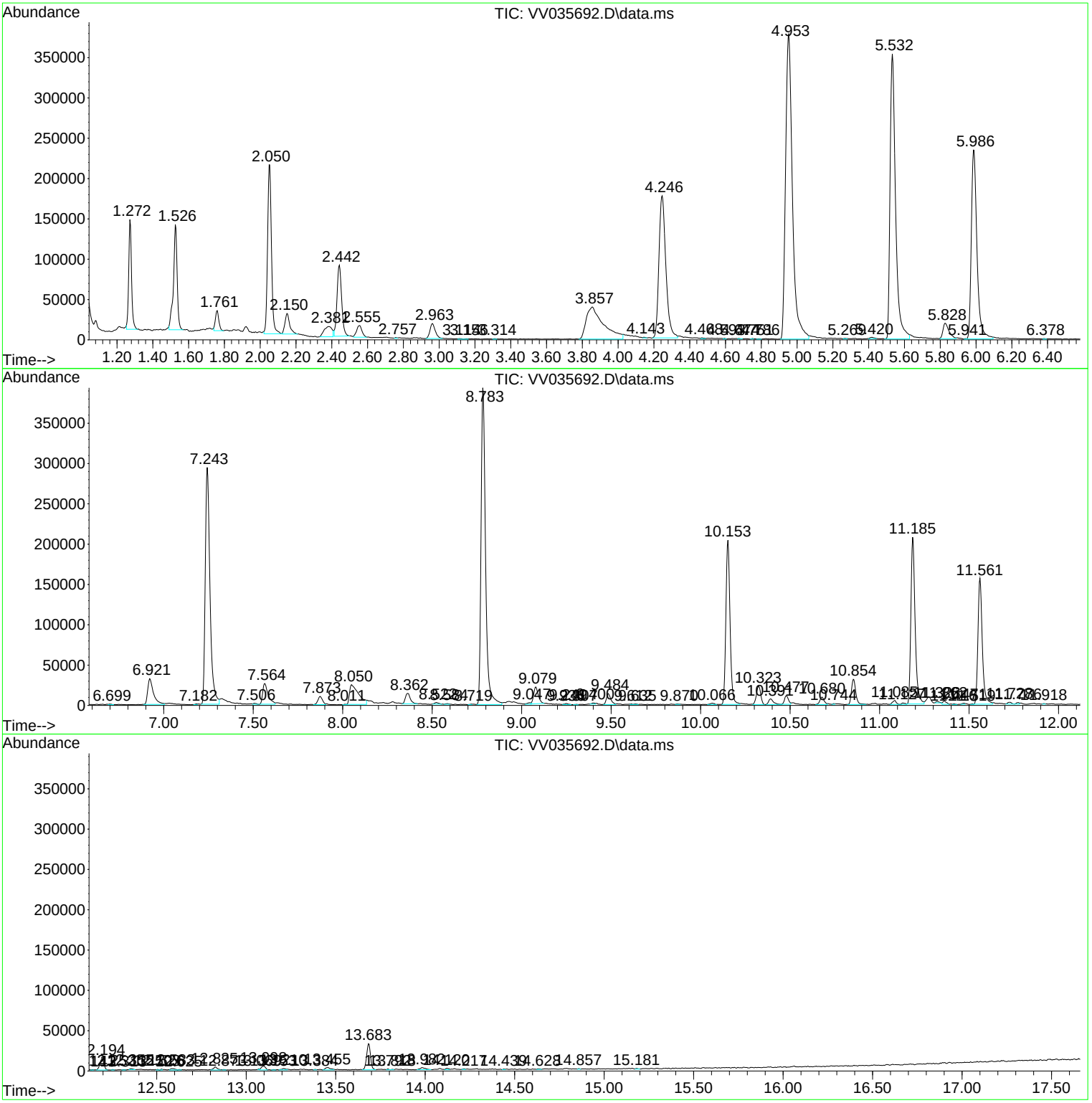
Sum of corrected areas: 6813244

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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

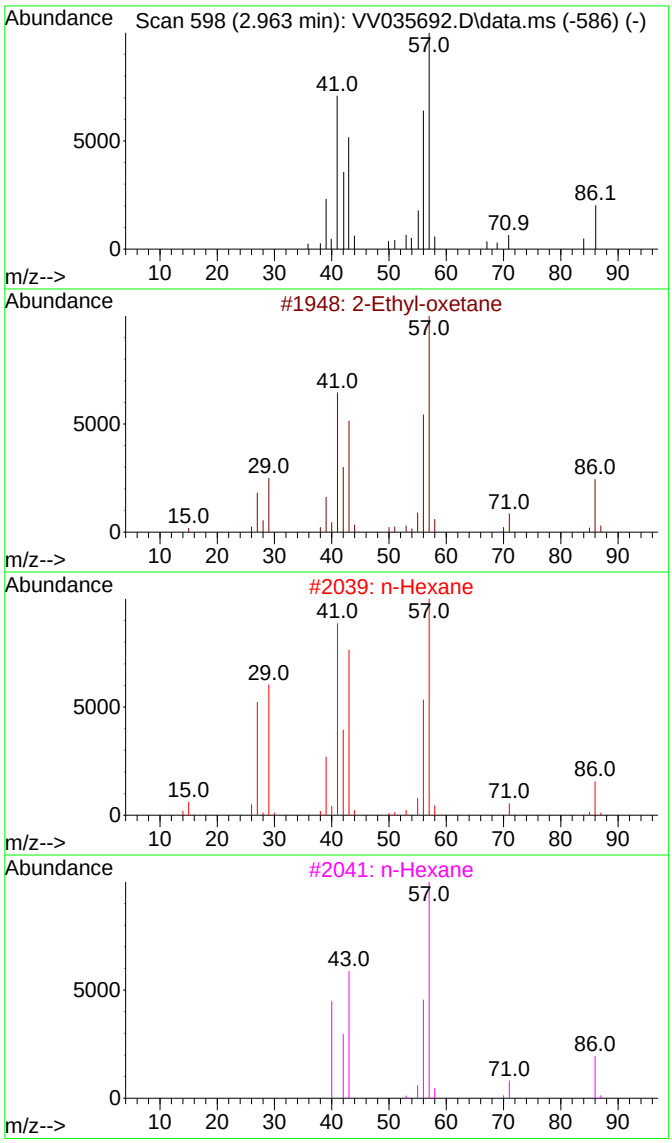
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

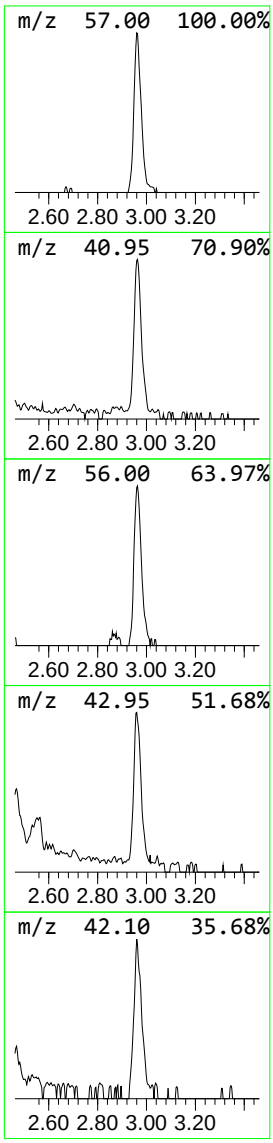
****

Peak Number 1 2-Ethyl-oxetane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.27 ug/L	38458	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2	n-Hexane	86	C6H14	000110-54-3	59
3	n-Hexane	86	C6H14	000110-54-3	59
4	n-Hexane	86	C6H14	000110-54-3	42
5	Azetidine	57	C3H7N	000503-29-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

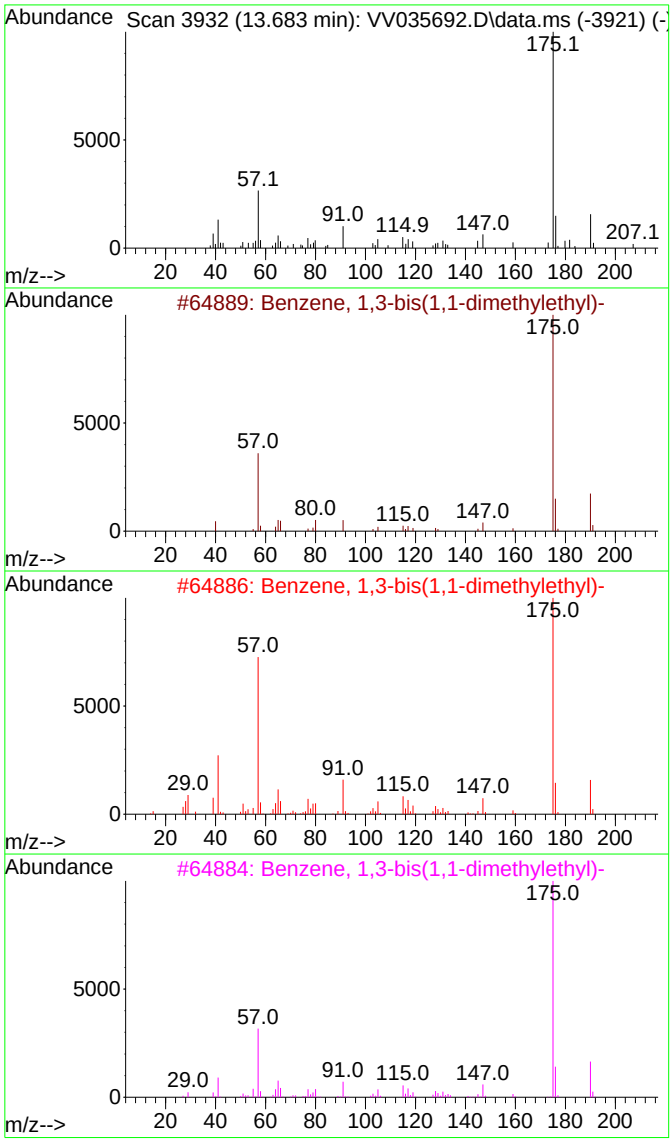
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

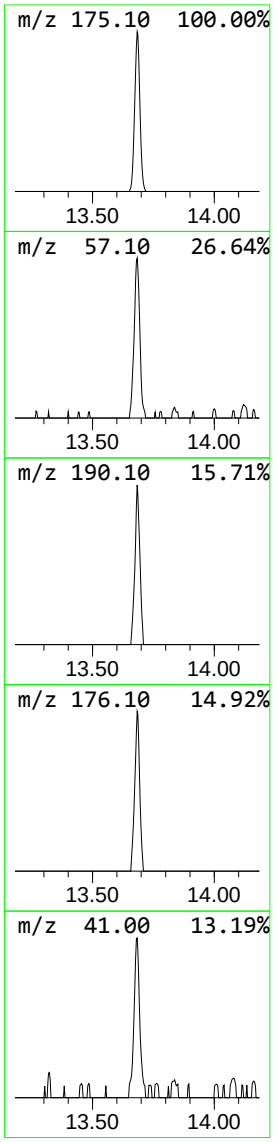
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.58 ug/L	48726	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
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	87
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
Acq On : 23 May 2024 10:45
Operator : SY/MD
Sample : P2566-07
Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	2.963	1.3	ug/L	38458	1	5.532	754401	25.0
Benzene, 1,3-bi...	13.683	3.6	ug/L	48726	3	11.185	339951	25.0