LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036699.D
Acq On : 25 Jul 2024 11:59
Operator : SY/MD
Sample : P3276-17
Misc : 9.54g/10mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J6

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\SFAMVLM072224SMA.M
Title : VOC Analysis

Signal : TIC: VV036699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.185	40	45	55	rBV	68423	62681	8.09%	1.049%
2	1.272	66	72	92	rVB	83516	95641	12.34%	1.601%
3	1.526	145	151	164	rVB	90342	107234	13.83%	1.795%
4	2.050	305	314	326	rVB	159480	230455	29.73%	3.857%
5	2.439	425	435	446	rBV	17783	30478	3.93%	0.510%
6	2.535	461	465	467	rBV2	371	300	0.04%	0.005%
7	2.696	508	515	521	rVB3	1019	1308	0.17%	0.022%
8	2.731	521	526	529	rBV	318	352	0.05%	0.006%
9	2.780	539	541	545	rVB2	257	113	0.01%	0.002%
10	2.812	545	551	554	rBV3	320	323	0.04%	0.005%
11	2.883	569	573	575	rVB2	287	174	0.02%	0.003%
12	2.960	587	597	611	rBV4	2368	5114	0.66%	0.086%
13	3.063	626	629	632	rBV2	192	157	0.02%	0.003%
14	3.092	636	638	640	rBV2	159	81	0.01%	0.001%
15	3.156	655	658	661	rVB2	229	136	0.02%	0.002%
16	3.178	661	665	674	rBV	194	267	0.03%	0.004%
17	3.214	674	676	678	rBV2	157	88	0.01%	0.001%
18	3.284	695	698	701	rBV2	310	210	0.03%	0.004%
19	3.352	712	719	727	rBV2	341	646	0.08%	0.011%
20	3.387	727	730	733	rVB	299	205	0.03%	0.003%
21	3.416	733	739	744	rBV	190	239	0.03%	0.004%
22	3.493	761	763	765	rVB2	176	91	0.01%	0.002%
23	3.519	769	771	774	rVB2	173	91	0.01%	0.002%
24	3.542	774	778	780	rBV2	128	79	0.01%	0.001%
25	3.571	785	787	790	rBV	268	208	0.03%	0.003%
26	3.629	801	805	807	rBV2	144	118	0.02%	0.002%
27	3.661	812	815	818	rBV	178	113	0.01%	0.002%
28	3.690	822	824	827	rBB2	182	85	0.01%	0.001%
29	3.719	830	833	837	rVB2	139	124	0.02%	0.002%
30	3.754	840	844	845	rBV	256	181	0.02%	0.003%
31	3.789	852	855	856	rBV	241	110	0.01%	0.002%
32	3.802	856	859	860	rBV	264	147	0.02%	0.002%
33	3.834	860	869	913	rBV	20014	103222	13.32%	1.727%
34	4.239	981	995	1029	rBV	166781	437462	56.44%	7.321%
35	4.709	1138	1141	1142	rBV	182	120	0.02%	0.002%
36	4.757	1152	1156	1159	rVB2	253	168	0.02%	0.003%

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Instrument :
MSVOA_V
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E20J6

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\SFAMVLM072224SMA.M
Title : VOC Analysis

37	4.947	1201	1215	1253	rBV2	290197	775145	100.00%	12.972%
38	5.445	1366	1370	1372	rBV2	394	298	0.04%	0.005%
39	5.529	1385	1396	1432	rBV	329169	702424	90.62%	11.755%
40	5.828	1477	1489	1522	rBV3	165333	369701	47.69%	6.187%
41	5.982	1526	1537	1563	rBV	198149	415002	53.54%	6.945%
42	6.342	1646	1649	1653	rVB	243	149	0.02%	0.002%
43	6.368	1653	1657	1659	rBV4	319	208	0.03%	0.003%
44	6.397	1664	1666	1671	rVB2	297	203	0.03%	0.003%
45	6.445	1675	1681	1683	rBV	407	366	0.05%	0.006%
46	6.464	1683	1687	1691	rBV2	236	191	0.02%	0.003%
47	6.741	1769	1773	1775	rBV	265	236	0.03%	0.004%
48	6.802	1790	1792	1796	rVB2	318	180	0.02%	0.003%
49	6.857	1806	1809	1811	rBV	213	150	0.02%	0.003%
50	6.911	1816	1826	1858	rBV	69518	146991	18.96%	2.460%
51	7.143	1895	1898	1901	rBV3	330	207	0.03%	0.003%
52	7.239	1918	1928	1957	rBV	233808	432393	55.78%	7.236%
53	7.519	2012	2015	2018	rBV2	300	261	0.03%	0.004%
54	7.558	2018	2027	2057	rVV	40028	85242	11.00%	1.427%
55	7.808	2103	2105	2107	rVB	235	126	0.02%	0.002%
56	7.876	2115	2126	2131	rBV2	5100	9374	1.21%	0.157%
57	8.030	2166	2174	2209	rBV	85277	205698	26.54%	3.442%
58	8.445	2299	2303	2307	rBV2	347	285	0.04%	0.005%
59	8.660	2368	2370	2371	rBV	237	100	0.01%	0.002%
60	8.712	2385	2386	2387	rBV	261	88	0.01%	0.001%
61	8.783	2397	2408	2435	rBV	382094	646559	83.41%	10.820%
62	9.281	2561	2563	2564	rBV	220	107	0.01%	0.002%
63	9.365	2585	2589	2592	rBV2	431	363	0.05%	0.006%
64	9.567	2649	2652	2655	rVB	393	224	0.03%	0.004%
65	9.786	2718	2720	2721	rBV	191	81	0.01%	0.001%
66	9.837	2730	2736	2741	rBV4	648	880	0.11%	0.015%
67	10.004	2782	2788	2794	rVB2	295	424	0.05%	0.007%
68	10.037	2794	2798	2801	rBV	285	258	0.03%	0.004%
69	10.149	2822	2833	2860	rBV	256339	414128	53.43%	6.930%
70	10.323	2876	2887	2900	rBV2	5466	9018	1.16%	0.151%
71	10.371	2900	2902	2905	rBV	212	149	0.02%	0.002%
72	10.410	2912	2914	2918	rBV2	136	105	0.01%	0.002%
73	10.461	2927	2930	2933	rBV2	263	214	0.03%	0.004%
74	10.654	2984	2990	2993	rBV2	239	292	0.04%	0.005%
75	10.824	3041	3043	3046	rBV	246	144	0.02%	0.002%
76	10.947	3077	3081	3084	rBV2	229	227	0.03%	0.004%

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J6

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\SFAMVLM072224SMA.M
Title : VOC Analysis

77	10.992	3092	3095	3097	rVB2	201	122	0.02%	0.002%
78	11.008	3097	3100	3101	rBV2	204	137	0.02%	0.002%
79	11.049	3108	3113	3115	rBV2	279	178	0.02%	0.003%
80	11.066	3115	3118	3122	rBV2	218	215	0.03%	0.004%
81	11.139	3132	3141	3145	rBV5	1546	2506	0.32%	0.042%
82	11.184	3145	3155	3182	rVV	186640	309067	39.87%	5.172%
83	11.490	3247	3250	3251	rBV	306	151	0.02%	0.003%
84	11.557	3261	3271	3298	rBV	212117	346721	44.73%	5.802%
85	11.834	3354	3357	3365	rVB3	420	561	0.07%	0.009%
86	12.191	3463	3468	3478	rVB6	2422	3612	0.47%	0.060%
87	12.281	3493	3496	3497	rBV	323	194	0.03%	0.003%
88	12.387	3526	3529	3532	rBV	227	136	0.02%	0.002%
89	12.509	3562	3567	3568	rBV2	339	269	0.03%	0.005%
90	12.590	3587	3592	3594	rBV3	1301	1108	0.14%	0.019%
91	13.123	3755	3758	3760	rBV	184	140	0.02%	0.002%
92	13.207	3777	3784	3785	rBV2	2705	2402	0.31%	0.040%
93	13.451	3855	3860	3868	rVB5	2556	3285	0.42%	0.055%
94	13.564	3892	3895	3897	rBV	487	281	0.04%	0.005%
95	13.641	3918	3919	3920	rBV	240	85	0.01%	0.001%
96	13.686	3926	3933	3942	rBV5	3827	5589	0.72%	0.094%
97	13.773	3956	3960	3961	rBV2	337	259	0.03%	0.004%
98	13.827	3975	3977	3982	rVB	469	333	0.04%	0.006%
99	14.126	4064	4070	4075	rVB4	1029	1313	0.17%	0.022%
100	14.191	4088	4090	4092	rBV2	327	209	0.03%	0.003%

Sum of corrected areas: 5975585

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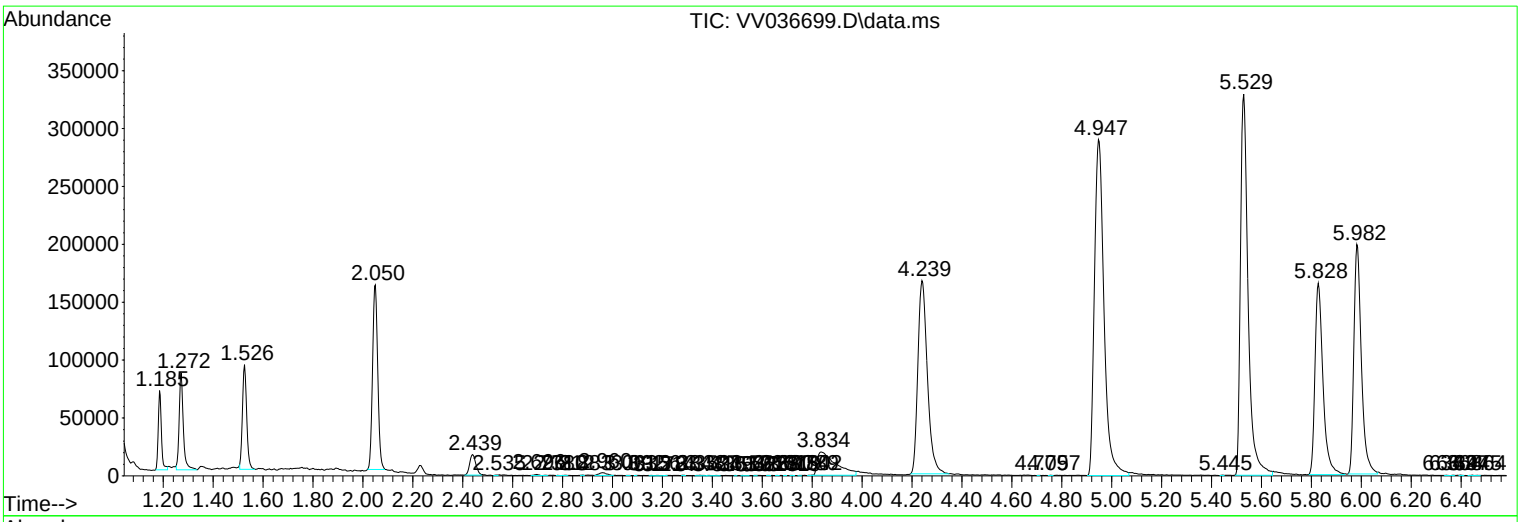
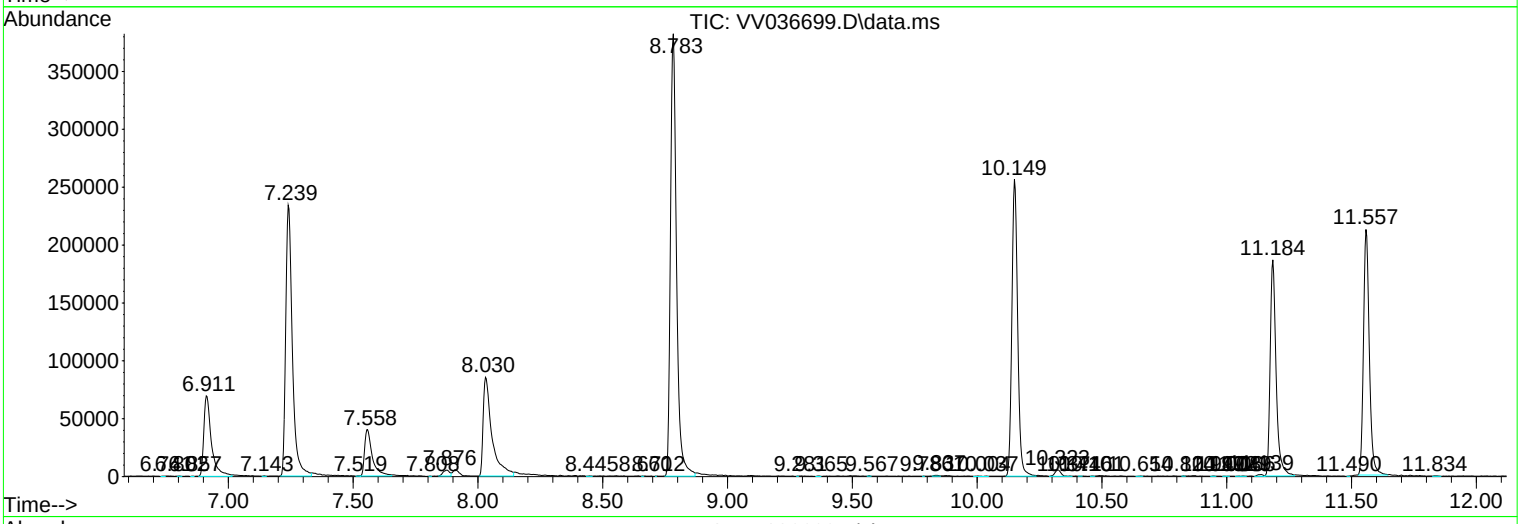
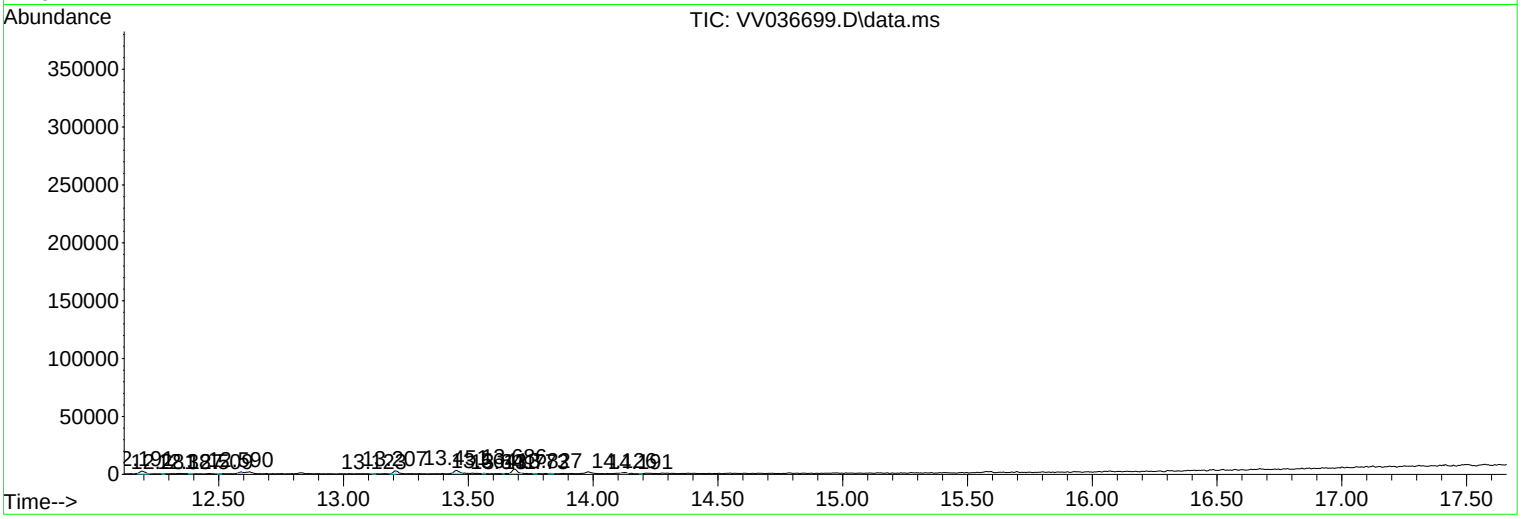
MSVOA_V
ClientSampleId :
E20J6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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







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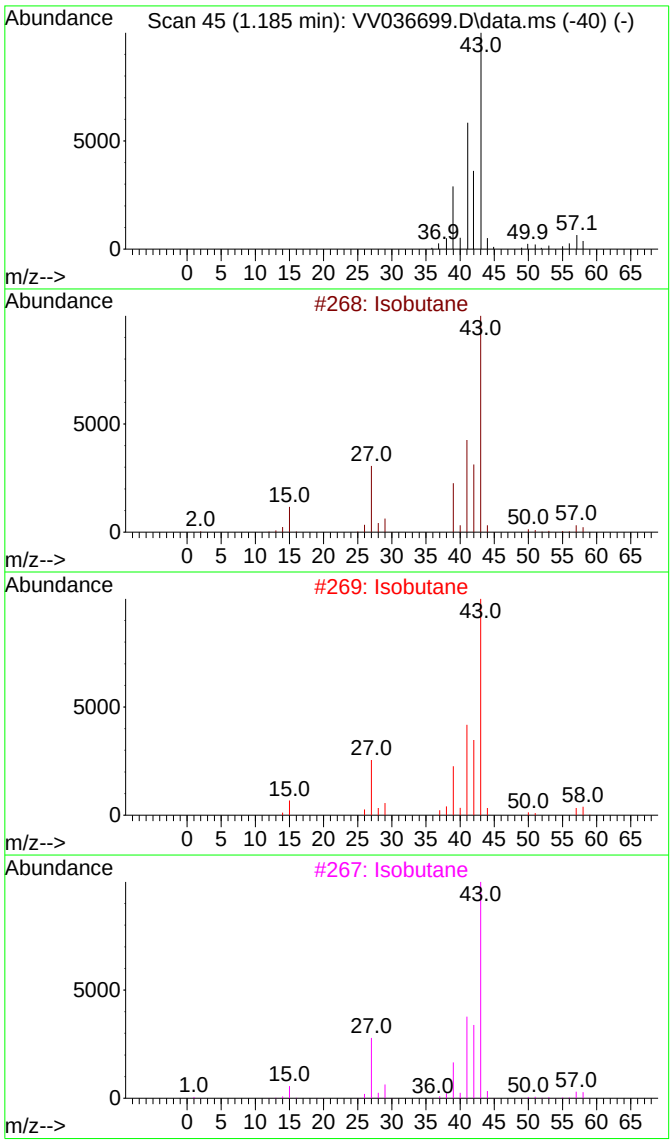
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

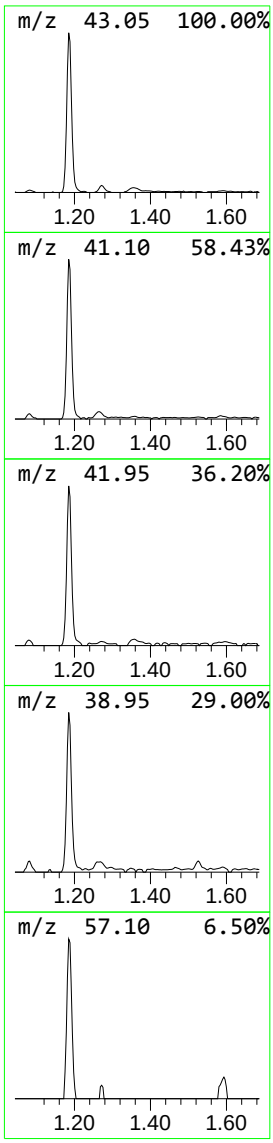
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.185	2.23 ug/L	62681	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	9
4	Isobutane	58	C4H10	000075-28-5	9
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





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
(DEL) Alkane: S...	1.185	2.2	ug/L	62681	1	5.529	702424	25.0