

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035759.D
 Acq On : 24 May 2024 19:57
 Operator : SY/MD
 Sample : P2589-01
 Misc : 4.97g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W2

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: VV035759.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	91	rVB	305417	331107	17.01%	2.166%
2	1.529	144	152	169	rVB	240910	290004	14.89%	1.897%
3	2.053	305	315	330	rBV	494232	718038	36.88%	4.697%
4	2.442	425	436	455	rBV	122549	205946	10.58%	1.347%
5	2.555	461	471	486	rVB	34764	71030	3.65%	0.465%
6	2.963	585	598	620	rVB2	37294	77057	3.96%	0.504%
7	3.146	652	655	656	rBV2	775	437	0.02%	0.003%
8	3.342	710	716	721	rBV2	488	654	0.03%	0.004%
9	3.510	763	768	770	rBV3	347	308	0.02%	0.002%
10	3.670	812	818	821	rBV3	404	382	0.02%	0.002%
11	3.770	844	849	851	rBV3	431	362	0.02%	0.002%
12	3.841	851	871	921	rBV3	72703	394683	20.27%	2.582%
13	4.246	982	997	1026	rBV	312283	809074	41.56%	5.292%
14	4.953	1202	1217	1262	rBV2	750764	1946993	100.00%	12.735%
15	5.362	1341	1344	1346	rBV3	1479	1072	0.06%	0.007%
16	5.532	1385	1397	1425	rBV	713954	1463534	75.17%	9.573%
17	5.825	1479	1488	1513	rVB	40038	90573	4.65%	0.592%
18	5.985	1525	1538	1573	rBV	430847	910276	46.75%	5.954%
19	6.297	1630	1635	1639	rBV5	1060	895	0.05%	0.006%
20	6.368	1654	1657	1662	rBV6	740	899	0.05%	0.006%
21	6.915	1815	1827	1859	rBV	196826	391027	20.08%	2.558%
22	7.162	1902	1904	1906	rBV2	518	300	0.02%	0.002%
23	7.243	1918	1929	1964	rBV	821969	1451874	74.57%	9.497%
24	7.554	2016	2026	2055	rBV	130919	255475	13.12%	1.671%
25	7.873	2113	2125	2136	rBV2	12635	23060	1.18%	0.151%
26	8.034	2166	2175	2209	rBV	161230	387218	19.89%	2.533%
27	8.361	2268	2277	2298	rVB	23084	40557	2.08%	0.265%
28	8.503	2319	2321	2324	rBV2	717	439	0.02%	0.003%
29	8.545	2331	2334	2339	rBB4	405	339	0.02%	0.002%
30	8.593	2346	2349	2352	rBV3	804	579	0.03%	0.004%
31	8.670	2371	2373	2378	rVB4	410	324	0.02%	0.002%
32	8.783	2395	2408	2443	rBV	1121319	1844012	94.71%	12.062%
33	8.950	2457	2460	2461	rBV3	772	315	0.02%	0.002%
34	9.046	2488	2490	2497	rVB5	785	707	0.04%	0.005%
35	9.082	2497	2501	2502	rBV3	533	380	0.02%	0.002%
36	9.091	2502	2504	2507	rBV3	479	386	0.02%	0.003%

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

37	9.152	2519	2523	2524	rBV2	649	353	0.02%	0.002%
38	9.185	2531	2533	2538	rVB3	1067	834	0.04%	0.005%
39	9.210	2538	2541	2543	rBV2	436	335	0.02%	0.002%
40	9.265	2555	2558	2561	rBV4	528	320	0.02%	0.002%
41	9.300	2566	2569	2574	rVV4	311	318	0.02%	0.002%
42	9.387	2589	2596	2599	rVB3	510	579	0.03%	0.004%
43	9.487	2625	2627	2629	rBV2	525	344	0.02%	0.002%
44	9.644	2672	2676	2683	rVB2	363	406	0.02%	0.003%
45	9.837	2731	2736	2739	rBV2	874	834	0.04%	0.005%
46	9.869	2743	2746	2749	rBV2	620	499	0.03%	0.003%
47	9.889	2749	2752	2759	rVV4	430	562	0.03%	0.004%
48	9.988	2778	2783	2784	rBV2	433	362	0.02%	0.002%
49	10.062	2801	2806	2808	rBV3	1147	1081	0.06%	0.007%
50	10.152	2822	2834	2851	rBV	381146	610291	31.35%	3.992%
51	10.326	2875	2888	2900	rVB2	40024	65094	3.34%	0.426%
52	10.432	2919	2921	2925	rVB2	546	362	0.02%	0.002%
53	10.480	2932	2936	2938	rBV3	611	535	0.03%	0.003%
54	10.522	2943	2949	2952	rBV6	1007	851	0.04%	0.006%
55	10.664	2987	2993	2994	rBV	591	523	0.03%	0.003%
56	10.712	3003	3008	3010	rBV3	601	483	0.02%	0.003%
57	10.744	3014	3018	3020	rBV5	1269	1090	0.06%	0.007%
58	10.812	3032	3039	3041	rBV3	518	479	0.02%	0.003%
59	10.857	3041	3053	3061	rVV6	2992	5298	0.27%	0.035%
60	10.934	3074	3077	3082	rVB3	445	426	0.02%	0.003%
61	10.976	3082	3090	3098	rBV5	1692	2434	0.13%	0.016%
62	11.030	3103	3107	3112	rVB4	570	494	0.03%	0.003%
63	11.082	3114	3123	3130	rBV4	5957	9899	0.51%	0.065%
64	11.127	3133	3137	3144	rVB6	4393	4671	0.24%	0.031%
65	11.185	3144	3155	3189	rBV	990898	1554933	79.86%	10.171%
66	11.323	3193	3198	3200	rBV4	3638	3601	0.18%	0.024%
67	11.413	3224	3226	3229	rVB2	786	395	0.02%	0.003%
68	11.506	3253	3255	3260	rBV4	556	584	0.03%	0.004%
69	11.561	3260	3272	3300	rBV	727695	1187140	60.97%	7.765%
70	11.783	3334	3341	3354	rVB9	2970	5232	0.27%	0.034%
71	11.921	3377	3384	3393	rBV6	1532	2607	0.13%	0.017%
72	12.066	3426	3429	3434	rBV4	416	417	0.02%	0.003%
73	12.194	3458	3469	3481	rVB2	21295	34136	1.75%	0.223%
74	12.397	3528	3532	3534	rVB	546	298	0.02%	0.002%
75	12.464	3548	3553	3555	rBV3	465	388	0.02%	0.003%
76	12.535	3571	3575	3581	rVB6	937	1015	0.05%	0.007%

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 Title : VOC Analysis

77	12.580	3583	3589	3600	rVV6	2583	4434	0.23%	0.029%
78	12.783	3648	3652	3655	rBV2	429	359	0.02%	0.002%
79	12.831	3660	3667	3675	rBV3	4535	6078	0.31%	0.040%
80	13.030	3723	3729	3731	rBV2	404	422	0.02%	0.003%
81	13.072	3738	3742	3749	rVB5	938	1150	0.06%	0.008%
82	13.207	3779	3784	3790	rBV6	1566	1943	0.10%	0.013%
83	13.278	3801	3806	3810	rBV5	436	594	0.03%	0.004%
84	13.410	3844	3847	3850	rVB4	783	437	0.02%	0.003%
85	13.455	3855	3861	3871	rVV3	1935	2989	0.15%	0.020%
86	13.612	3904	3910	3917	rBV3	603	939	0.05%	0.006%
87	13.683	3923	3932	3947	rVB3	29266	42153	2.17%	0.276%
88	13.782	3961	3963	3966	rBV2	781	369	0.02%	0.002%
89	13.905	3997	4001	4002	rBV3	937	561	0.03%	0.004%
90	13.985	4017	4026	4035	rBV2	4812	7707	0.40%	0.050%
91	14.033	4039	4041	4046	rVB3	757	616	0.03%	0.004%
92	14.059	4046	4049	4050	rBV2	598	351	0.02%	0.002%
93	14.082	4053	4056	4059	rBV3	754	642	0.03%	0.004%
94	14.168	4080	4083	4088	rBV6	1107	850	0.04%	0.006%
95	14.210	4093	4096	4099	rBV2	1102	918	0.05%	0.006%
96	14.265	4109	4113	4116	rBV5	692	718	0.04%	0.005%
97	14.680	4239	4242	4249	rBV4	892	819	0.04%	0.005%
98	14.760	4264	4267	4270	rBV4	706	500	0.03%	0.003%
99	15.371	4452	4457	4458	rBV3	1089	983	0.05%	0.006%
100	15.509	4497	4500	4504	rBV4	978	886	0.05%	0.006%

Sum of corrected areas: 15288237

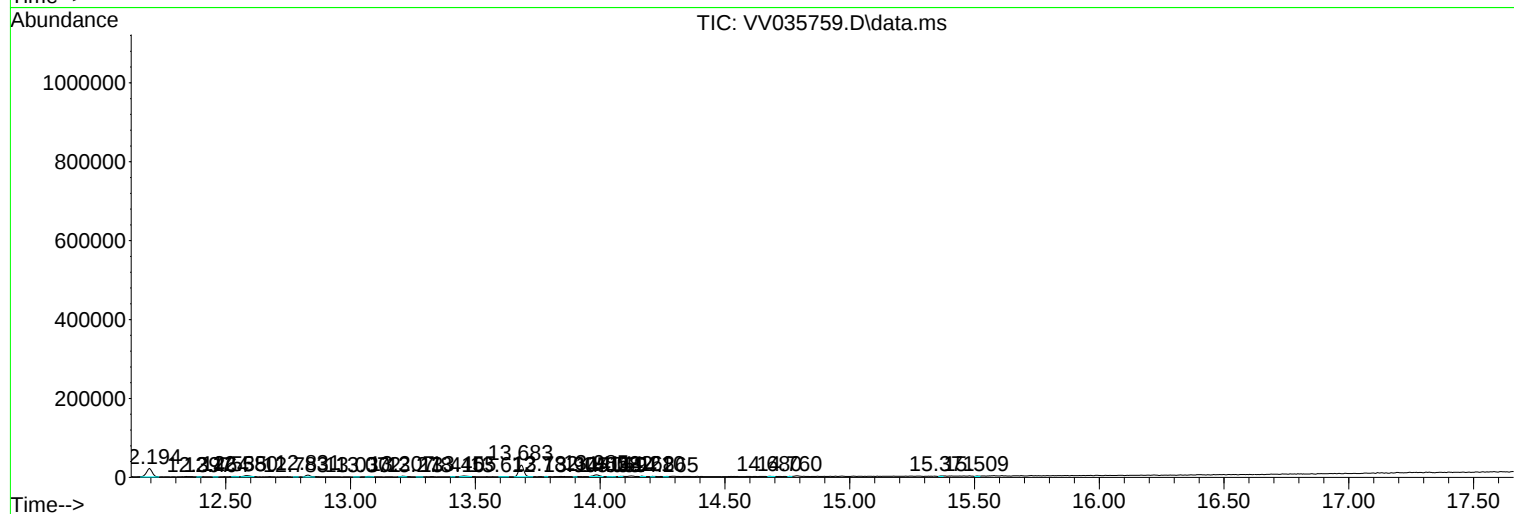
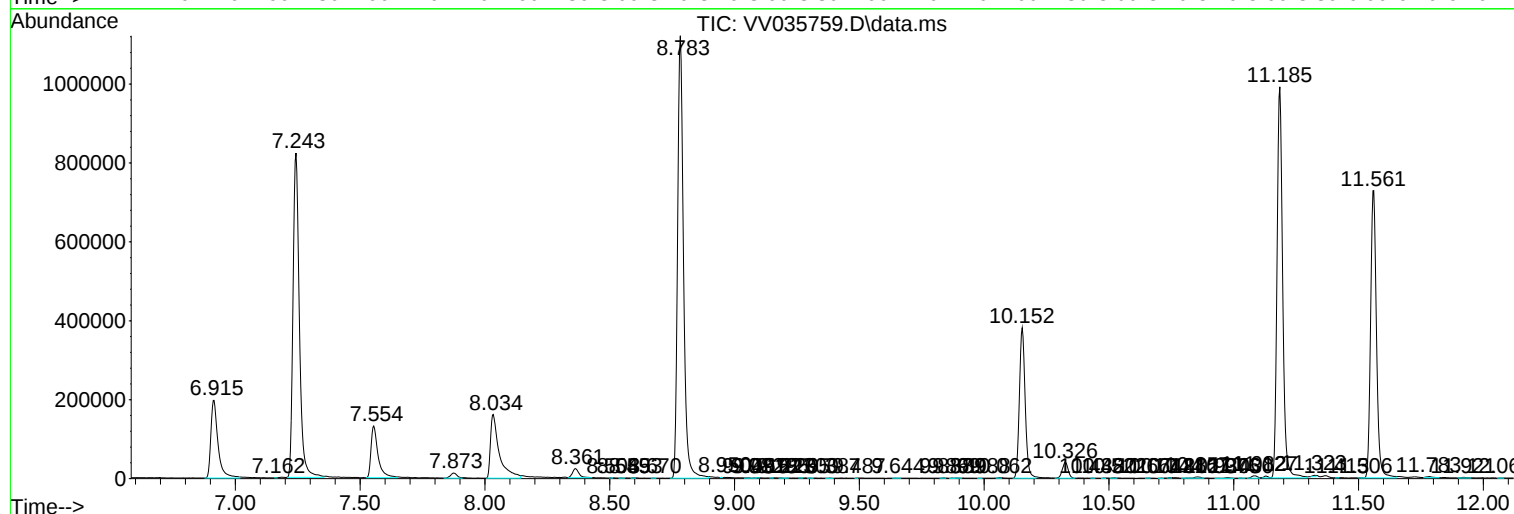
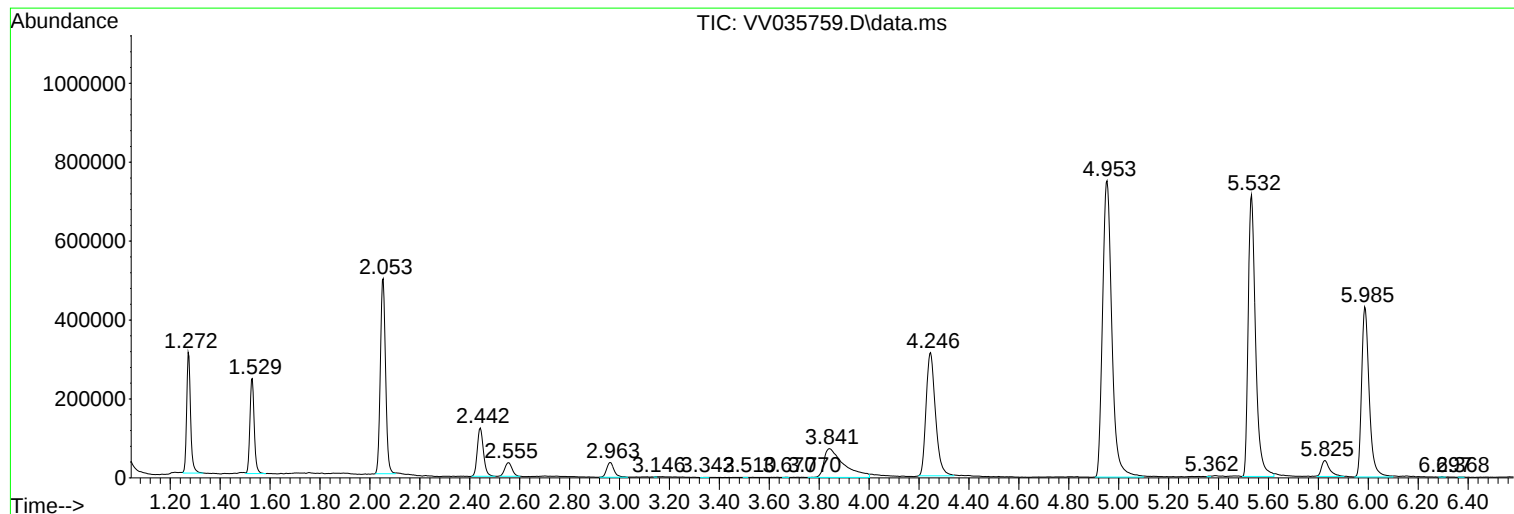
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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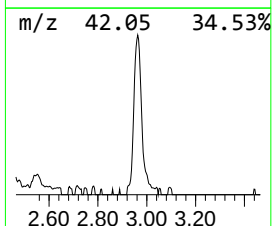
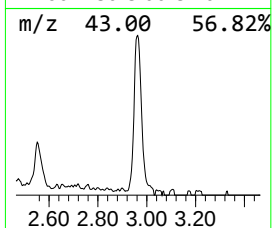
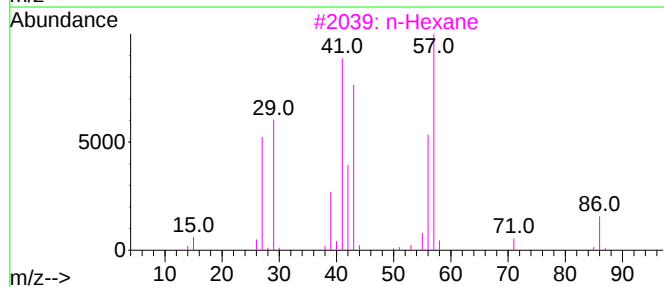
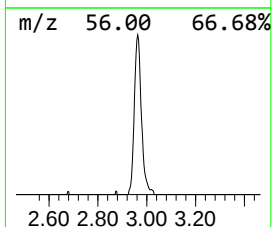
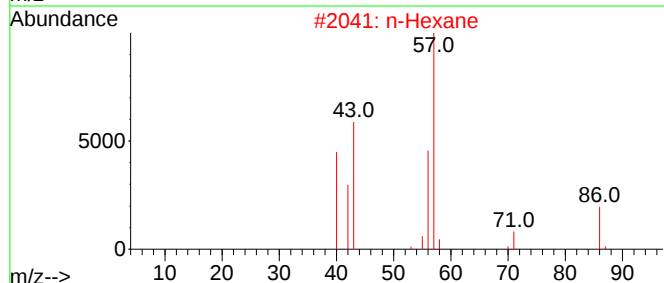
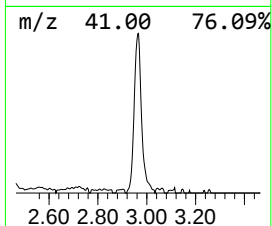
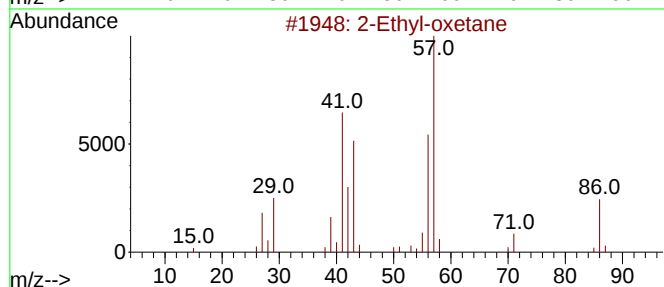
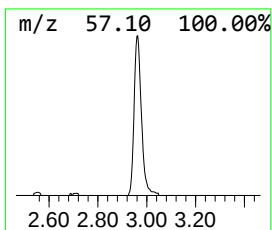
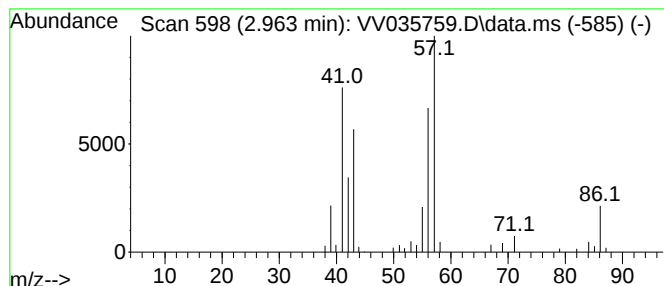
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.32 ug/L	77057	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	86
2	n-Hexane			86	C6H14	000110-54-3	64
3	n-Hexane			86	C6H14	000110-54-3	64
4	Cyclopropane, propyl-			84	C6H12	002415-72-7	47
5	n-Hexane			86	C6H14	000110-54-3	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	2.963	1.3	ug/L	77057	1	5.532	1463530	25.0