LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036034.D
Acq On : 11 Jun 2024 15:10
Operator : SY/MD
Sample : P2798-04
Misc : 5.18g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB15

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	92	rVB	450942	480588	3.06%	1.307%
2	1.529	145	152	179	rVB	400174	477789	3.04%	1.299%
3	2.053	305	315	337	rBV	806150	1161335	7.39%	3.158%
4	2.397	419	422	425	rBV5	584	367	0.00%	0.001%
5	2.442	425	436	455	rBV	93349	159278	1.01%	0.433%
6	2.597	482	484	489	rVB4	555	316	0.00%	0.001%
7	2.693	505	514	527	rVV	21027	38112	0.24%	0.104%
8	2.844	559	561	564	rBV2	543	315	0.00%	0.001%
9	2.886	568	574	575	rVV2	608	527	0.00%	0.001%
10	2.896	575	577	584	rVV5	745	890	0.01%	0.002%
11	2.966	588	599	617	rVB	19104	38450	0.24%	0.105%
12	3.111	630	644	667	rVB	17234	38810	0.25%	0.106%
13	3.323	708	710	713	rVB	482	285	0.00%	0.001%
14	3.545	776	779	785	rVB2	518	458	0.00%	0.001%
15	3.593	791	794	796	rBV3	485	318	0.00%	0.001%
16	3.699	824	827	831	rBV3	523	422	0.00%	0.001%
17	3.732	831	837	839	rBV3	622	535	0.00%	0.001%
18	3.806	841	860	937	rBV	6612166	15722643	100.00%	42.750%
19	4.243	981	996	1036	rVB	521244	1353593	8.61%	3.680%
20	4.680	1130	1132	1137	rBV4	632	523	0.00%	0.001%
21	4.838	1177	1181	1183	rBV3	454	341	0.00%	0.001%
22	4.950	1199	1216	1266	rBV2	1256095	3231439	20.55%	8.786%
23	5.278	1314	1318	1320	rBV4	804	668	0.00%	0.002%
24	5.439	1363	1368	1369	rBV3	657	588	0.00%	0.002%
25	5.532	1386	1397	1440	rBV	264829	584198	3.72%	1.588%
26	5.831	1475	1490	1517	rBV3	230911	532814	3.39%	1.449%
27	5.982	1524	1537	1576	rBV	723117	1520374	9.67%	4.134%
28	6.301	1633	1636	1637	rBV2	935	521	0.00%	0.001%
29	6.439	1675	1679	1680	rBV3	548	315	0.00%	0.001%
30	6.516	1701	1703	1706	rVB4	597	370	0.00%	0.001%
31	6.600	1725	1729	1734	rBV5	714	783	0.00%	0.002%
32	6.696	1754	1759	1760	rBV	723	624	0.00%	0.002%
33	6.780	1781	1785	1788	rVB4	646	408	0.00%	0.001%
34	6.908	1815	1825	1855	rBV	355695	675424	4.30%	1.836%
35	7.239	1916	1928	1947	rBV	1493015	2576244	16.39%	7.005%
36	7.548	2015	2024	2049	rBV	234617	434387	2.76%	1.181%

LSC Area Percent Report

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Instrument :
MSVOA_V
ClientSampleId :
BHB15

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	7.786	2095	2098	2100	rBV3	629	453	0.00%	0.001%
38	7.902	2114	2134	2164	rBV	1112237	1938324	12.33%	5.270%
39	8.027	2164	2173	2213	rVV	297792	650502	4.14%	1.769%
40	8.194	2219	2225	2241	rVB6	9443	19895	0.13%	0.054%
41	8.551	2331	2336	2339	rVV5	1024	908	0.01%	0.002%
42	8.648	2364	2366	2370	rBV3	530	332	0.00%	0.001%
43	8.783	2396	2408	2438	rBV	440795	753800	4.79%	2.050%
44	8.960	2460	2463	2469	rBV5	1050	1067	0.01%	0.003%
45	9.008	2472	2478	2487	rVV	5684	8145	0.05%	0.022%
46	9.153	2521	2523	2528	rVB5	532	330	0.00%	0.001%
47	9.275	2559	2561	2565	rBV3	559	288	0.00%	0.001%
48	9.429	2605	2609	2612	rVB4	455	337	0.00%	0.001%
49	9.490	2622	2628	2634	rBV6	2045	2596	0.02%	0.007%
50	9.551	2643	2647	2652	rBV	19250	13869	0.09%	0.038%
51	9.648	2675	2677	2679	rVB	683	310	0.00%	0.001%
52	9.680	2682	2687	2690	rBV4	317	311	0.00%	0.001%
53	9.728	2695	2702	2707	rBV4	698	991	0.01%	0.003%
54	9.770	2707	2715	2720	rBV4	3580	5295	0.03%	0.014%
55	9.873	2741	2747	2748	rBV4	1673	1498	0.01%	0.004%
56	9.921	2760	2762	2767	rVB2	978	629	0.00%	0.002%
57	9.982	2778	2781	2782	rBV	838	367	0.00%	0.001%
58	10.024	2790	2794	2798	rBV3	662	475	0.00%	0.001%
59	10.046	2798	2801	2806	rBV5	696	674	0.00%	0.002%
60	10.108	2818	2820	2821	rBV2	671	280	0.00%	0.001%
61	10.149	2822	2833	2854	rVV	602557	966872	6.15%	2.629%
62	10.323	2876	2887	2899	rVB	51110	85038	0.54%	0.231%
63	10.474	2928	2934	2936	rBV4	1139	1203	0.01%	0.003%
64	10.558	2958	2960	2965	rVB4	482	378	0.00%	0.001%
65	10.593	2967	2971	2974	rVB3	505	459	0.00%	0.001%
66	10.689	2997	3001	3004	rBV3	649	623	0.00%	0.002%
67	10.751	3017	3020	3024	rBV4	598	372	0.00%	0.001%
68	10.786	3024	3031	3035	rBV5	973	1104	0.01%	0.003%
69	10.853	3049	3052	3053	rBV2	580	373	0.00%	0.001%
70	11.014	3099	3102	3104	rBV4	608	359	0.00%	0.001%
71	11.030	3104	3107	3109	rBV2	684	498	0.00%	0.001%
72	11.098	3120	3128	3134	rBV6	10866	17492	0.11%	0.048%
73	11.181	3144	3154	3172	rBV	419756	676816	4.30%	1.840%
74	11.490	3241	3250	3259	rBV3	20541	42559	0.27%	0.116%
75	11.558	3260	3271	3300	rVB	1461935	2312604	14.71%	6.288%
76	12.021	3413	3415	3418	rVB3	738	351	0.00%	0.001%

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB15

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

77	12.037	3418	3420	3424	rBV3	448	288	0.00%	0.001%
78	12.091	3435	3437	3440	rVB3	763	364	0.00%	0.001%
79	12.146	3452	3454	3457	rBV4	507	284	0.00%	0.001%
80	12.194	3458	3469	3480	rVB2	36111	59636	0.38%	0.162%
81	12.291	3491	3499	3515	rBV3	18067	34806	0.22%	0.095%
82	12.509	3560	3567	3576	rBV6	2540	4407	0.03%	0.012%
83	12.590	3585	3592	3596	rBV8	2180	2906	0.02%	0.008%
84	12.686	3618	3622	3626	rBV6	1088	991	0.01%	0.003%
85	12.786	3649	3653	3654	rBV3	2088	1296	0.01%	0.004%
86	12.828	3659	3666	3676	rVB3	13053	17797	0.11%	0.048%
87	12.934	3693	3699	3702	rBV4	767	832	0.01%	0.002%
88	12.969	3707	3710	3711	rBV3	770	461	0.00%	0.001%
89	13.050	3731	3735	3736	rBV2	484	353	0.00%	0.001%
90	13.207	3776	3784	3789	rBV7	3042	4465	0.03%	0.012%
91	13.461	3856	3863	3876	rBV7	2184	5187	0.03%	0.014%
92	13.625	3908	3914	3923	rBV7	3660	5323	0.03%	0.014%
93	13.683	3925	3932	3947	rVB9	7033	11740	0.07%	0.032%
94	13.837	3973	3980	3994	rVB3	15865	23505	0.15%	0.064%
95	13.982	4016	4025	4036	rBV	21115	33602	0.21%	0.091%
96	14.078	4051	4055	4056	rBV2	1256	921	0.01%	0.003%
97	14.120	4064	4068	4076	rVB8	4014	5943	0.04%	0.016%
98	14.969	4329	4332	4336	rVB5	1539	1018	0.01%	0.003%
99	15.201	4402	4404	4407	rBV3	1044	596	0.00%	0.002%
100	15.583	4514	4523	4534	rVB2	9274	17255	0.11%	0.047%

Sum of corrected areas: 36777805

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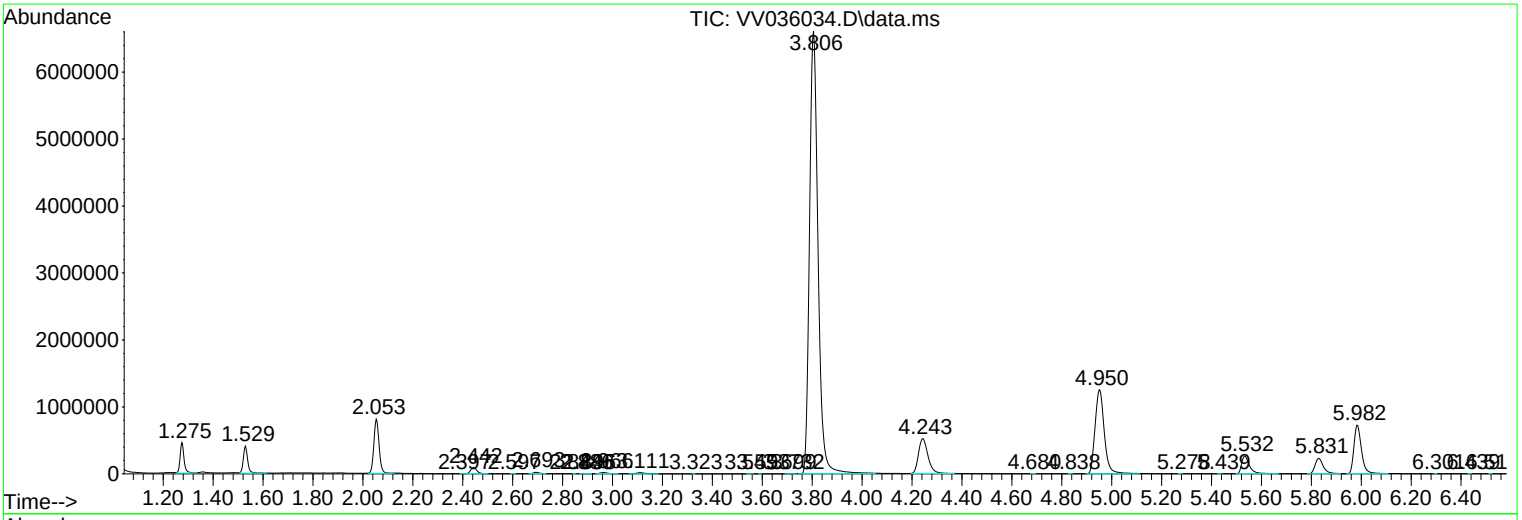
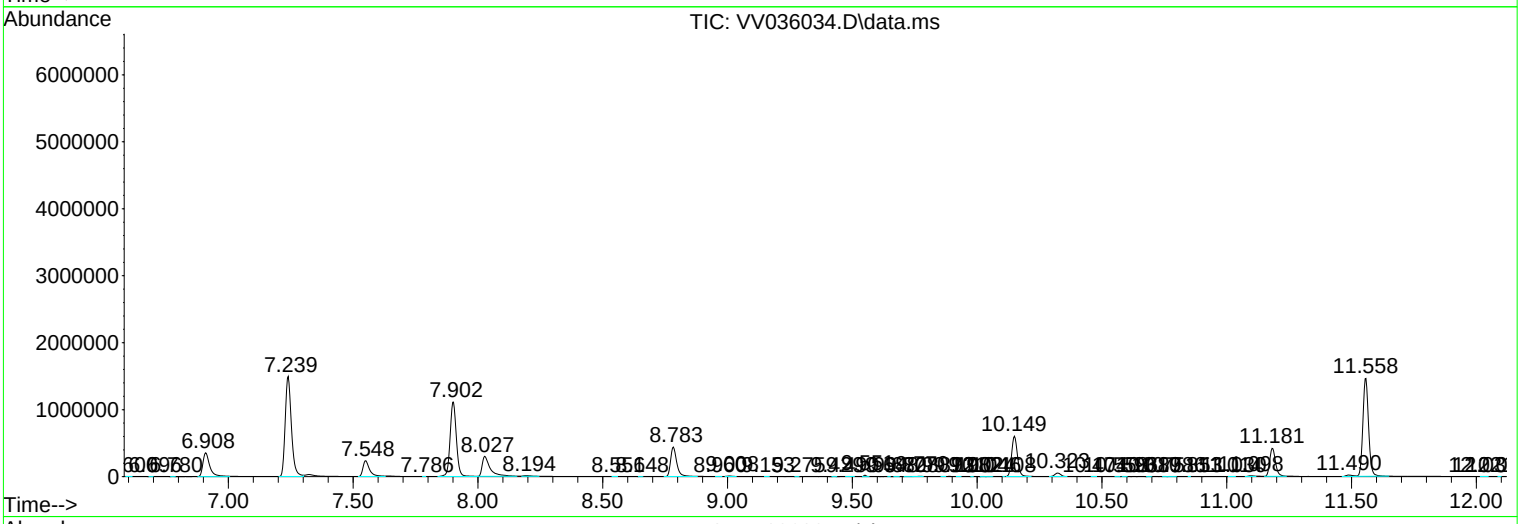
Misc : 5.18g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

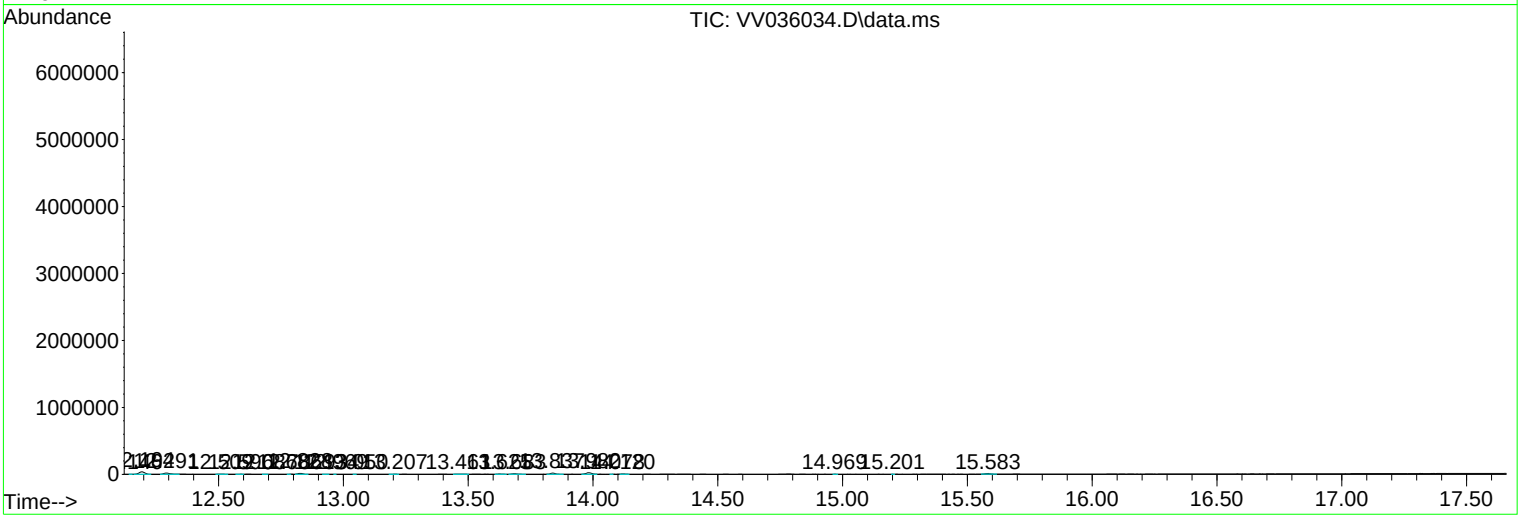
Instrument :
MSVOA_V
ClientSampleId :
BHB15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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







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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB15

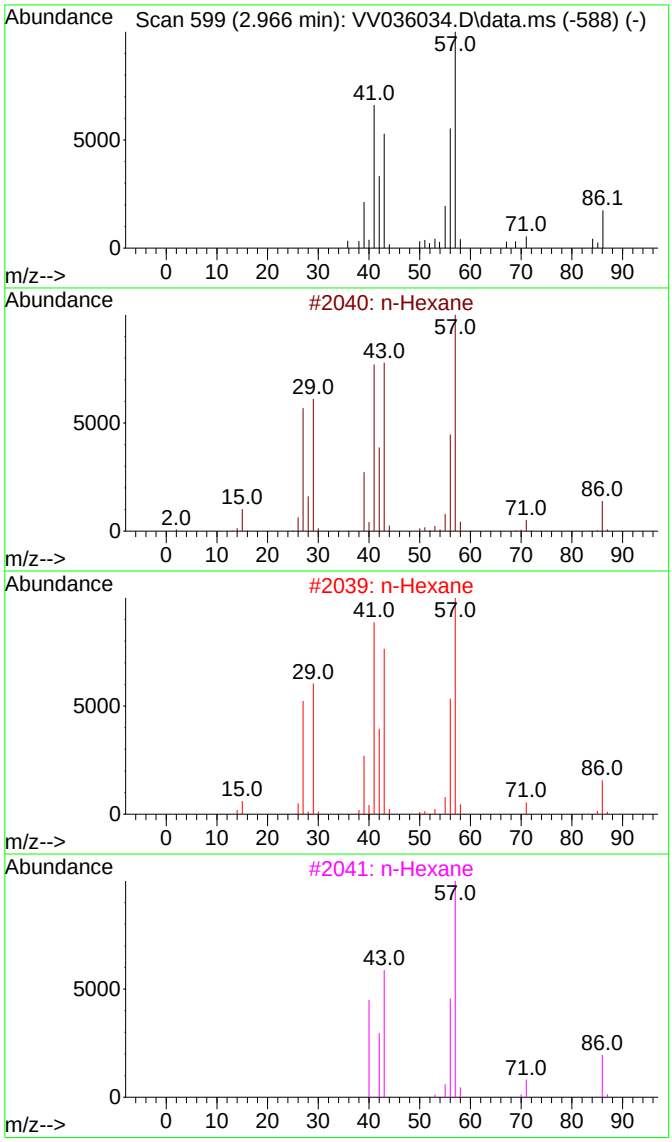
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

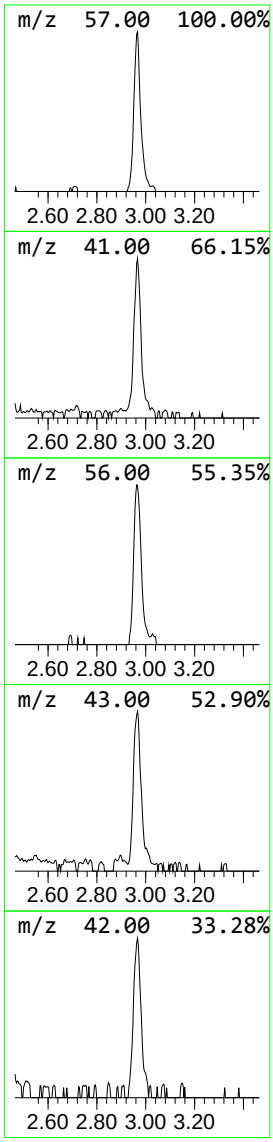
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	1.65 ug/L	38450	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
5	Azetidine	57	C3H7N	000503-29-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
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Instrument :
MSVOA_V
ClientSampleId :
BHB15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

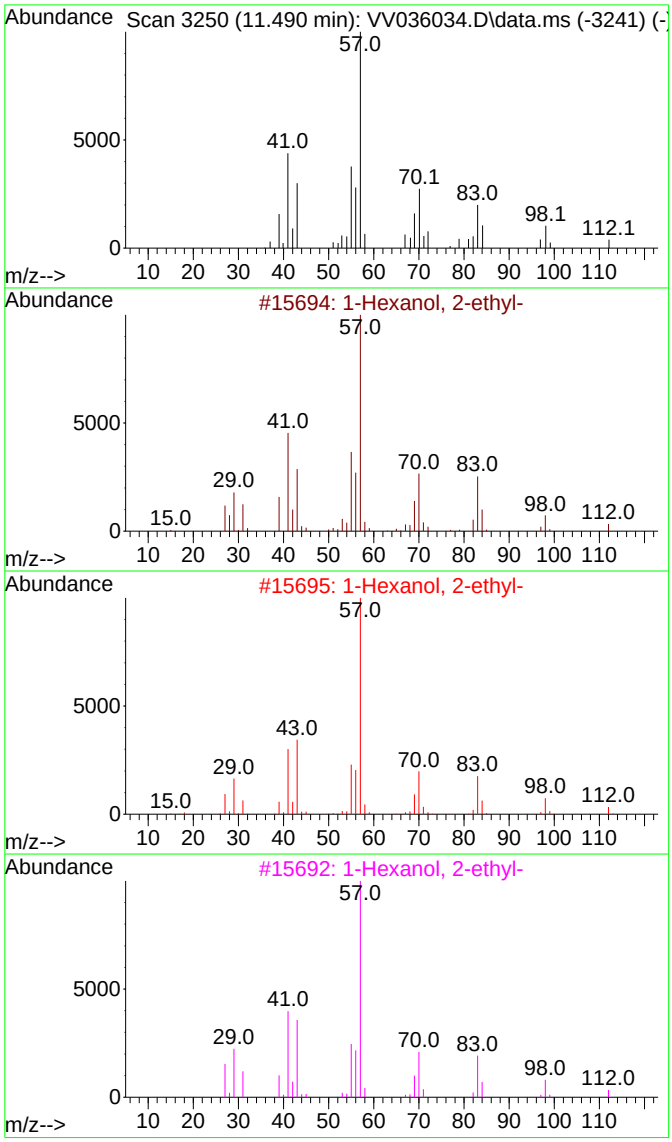
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

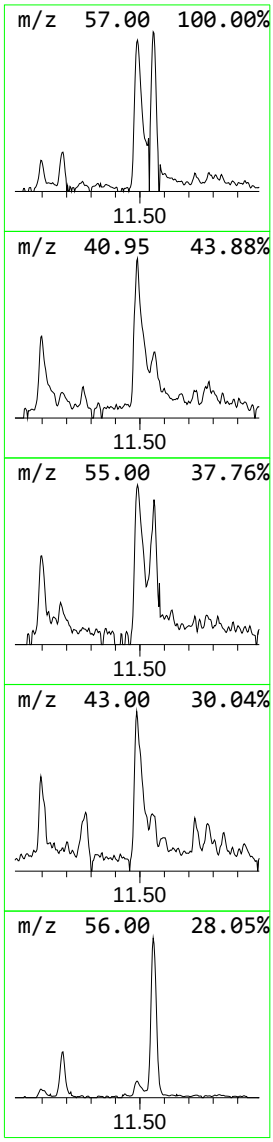
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	1.57 ug/L	42559	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64





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Data File : VV036034.D
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Operator : SY/MD
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Misc : 5.18g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

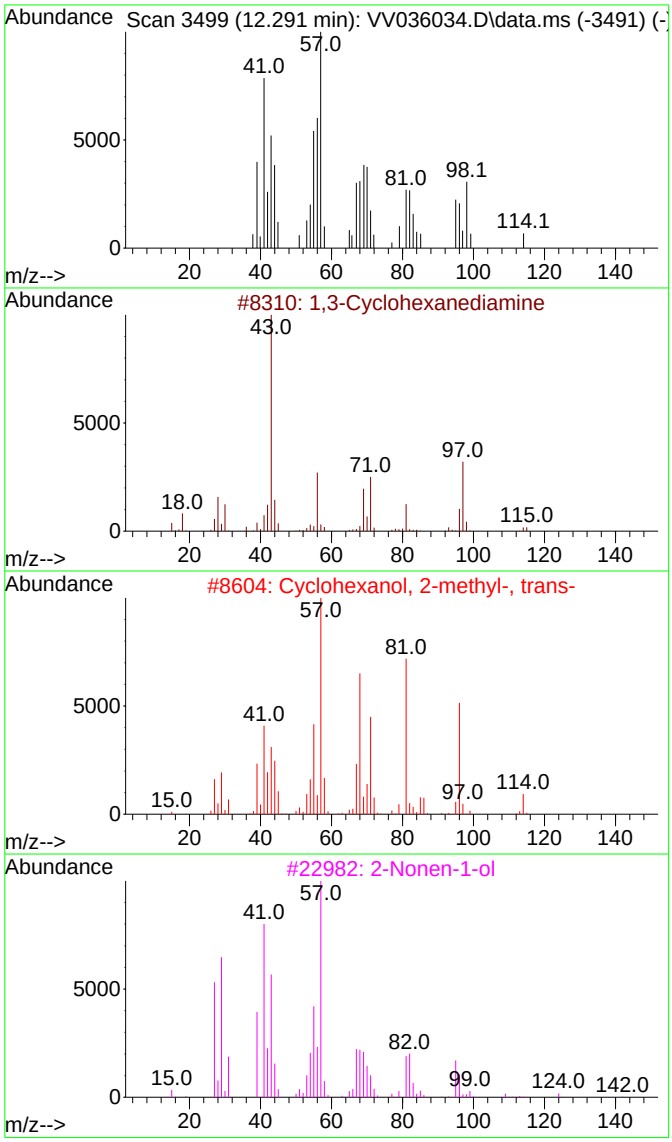
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

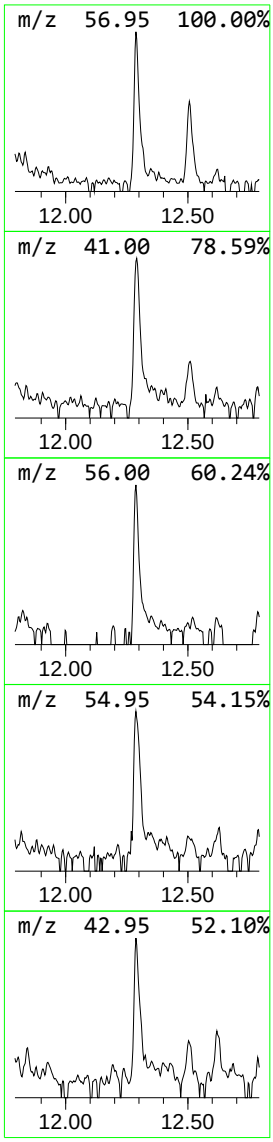
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.291	1.29 ug/L	34806	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	43
2	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38
3	2-Nonen-1-ol	142	C9H18O	022104-79-6	38
4	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	35
5	3-Heptene	98	C7H14	000592-78-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
(DEL) Alkane: S...	2.966	1.6	ug/L	38450	1	5.532	584198	25.0
1-Hexanol, 2-et...	11.490	1.6	ug/L	42559	3	11.181	676816	25.0
unknown-01	12.291	1.3	ug/L	34806	3	11.181	676816	25.0