

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036062.D
 Acq On : 13 Jun 2024 14:54
 Operator : SY/MD
 Sample : P2775-08RE
 Misc : 5.25g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C86RE

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: VV036062.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	89	rVB	203184	221868	17.54%	2.932%
2	1.529	145	152	169	rVB	189266	226516	17.91%	2.993%
3	2.053	305	315	331	rBV	357921	516771	40.85%	6.829%
4	2.442	425	436	453	rBV	92327	154892	12.24%	2.047%
5	2.622	487	492	494	rBV2	727	546	0.04%	0.007%
6	2.680	505	510	511	rBV3	803	602	0.05%	0.008%
7	2.706	511	518	522	rVV4	1379	1942	0.15%	0.026%
8	2.789	541	544	546	rVV2	581	431	0.03%	0.006%
9	2.822	550	554	556	rVV2	448	339	0.03%	0.004%
10	2.963	587	598	614	rBV3	14375	31214	2.47%	0.412%
11	3.114	642	645	652	rVV3	757	761	0.06%	0.010%
12	3.143	652	654	658	rVB	473	377	0.03%	0.005%
13	3.204	670	673	678	rVB3	436	424	0.03%	0.006%
14	3.674	815	819	823	rBV3	339	349	0.03%	0.005%
15	3.760	842	846	852	rBV2	424	450	0.04%	0.006%
16	3.873	862	881	883	rBV5	9105	21670	1.71%	0.286%
17	4.143	963	965	969	rBV3	556	355	0.03%	0.005%
18	4.246	981	997	1034	rBV	233068	615164	48.63%	8.129%
19	4.503	1072	1077	1079	rBV4	592	538	0.04%	0.007%
20	4.577	1096	1100	1105	rVB6	786	796	0.06%	0.011%
21	4.706	1136	1140	1144	rVV5	306	339	0.03%	0.004%
22	4.738	1147	1150	1151	rVV3	653	382	0.03%	0.005%
23	4.754	1153	1155	1159	rVB3	705	349	0.03%	0.005%
24	4.953	1202	1217	1251	rBV2	495414	1264964	100.00%	16.715%
25	5.326	1328	1333	1338	rBV4	685	666	0.05%	0.009%
26	5.400	1352	1356	1361	rBV3	546	464	0.04%	0.006%
27	5.532	1386	1397	1430	rBV	281305	611826	48.37%	8.085%
28	5.770	1467	1471	1473	rBV3	703	535	0.04%	0.007%
29	5.838	1478	1492	1509	rVV6	9581	23274	1.84%	0.308%
30	5.985	1526	1538	1569	rBV	303407	643054	50.84%	8.497%
31	6.310	1637	1639	1642	rBV2	531	393	0.03%	0.005%
32	6.432	1674	1677	1679	rBV3	642	493	0.04%	0.007%
33	6.510	1697	1701	1703	rBV2	493	389	0.03%	0.005%
34	6.577	1717	1722	1728	rBV4	519	508	0.04%	0.007%
35	6.792	1786	1789	1792	rBV4	391	329	0.03%	0.004%
36	6.915	1817	1827	1855	rBV2	72928	155199	12.27%	2.051%

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Integrator: RTE

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

37	7.243	1917	1929	1960	rBV	465385	849082	67.12%	11.220%
38	7.503	2006	2010	2014	rVB2	724	534	0.04%	0.007%
39	7.558	2018	2027	2052	rBV2	48970	103202	8.16%	1.364%
40	7.764	2087	2091	2094	rVB4	612	407	0.03%	0.005%
41	7.789	2094	2099	2104	rBV7	1055	1309	0.10%	0.017%
42	7.876	2111	2126	2145	rVB2	23377	48292	3.82%	0.638%
43	7.976	2152	2157	2160	rBV4	581	733	0.06%	0.010%
44	8.040	2169	2177	2210	rBV3	36769	110342	8.72%	1.458%
45	8.403	2287	2290	2296	rVB5	832	812	0.06%	0.011%
46	8.516	2323	2325	2330	rVB5	621	407	0.03%	0.005%
47	8.783	2397	2408	2441	rBV	380972	659174	52.11%	8.710%
48	9.008	2472	2478	2486	rBV3	3896	5279	0.42%	0.070%
49	9.082	2498	2501	2504	rBV4	972	701	0.06%	0.009%
50	9.159	2519	2525	2528	rBV4	557	680	0.05%	0.009%
51	9.278	2560	2562	2572	rVB3	490	466	0.04%	0.006%
52	9.371	2588	2591	2598	rVB3	541	651	0.05%	0.009%
53	9.429	2606	2609	2614	rBV3	534	547	0.04%	0.007%
54	9.490	2621	2628	2634	rBV3	1520	2075	0.16%	0.027%
55	9.567	2650	2652	2656	rVB3	621	368	0.03%	0.005%
56	9.616	2663	2667	2670	rBV3	413	361	0.03%	0.005%
57	9.677	2680	2686	2688	rBV4	936	916	0.07%	0.012%
58	9.837	2726	2736	2737	rBV6	1738	1946	0.15%	0.026%
59	9.992	2781	2784	2793	rVB5	540	687	0.05%	0.009%
60	10.152	2818	2834	2864	rBV	176516	292629	23.13%	3.867%
61	10.323	2876	2887	2899	rBV	57400	95907	7.58%	1.267%
62	10.477	2930	2935	2936	rBV3	878	532	0.04%	0.007%
63	10.519	2943	2948	2954	rVB3	1569	1661	0.13%	0.022%
64	10.635	2982	2984	2989	rVB2	602	542	0.04%	0.007%
65	10.680	2994	2998	3000	rBV2	548	474	0.04%	0.006%
66	10.715	3007	3009	3014	rVB3	512	413	0.03%	0.005%
67	10.834	3041	3046	3047	rBV2	634	448	0.04%	0.006%
68	10.847	3047	3050	3051	rVV3	1406	848	0.07%	0.011%
69	10.857	3051	3053	3064	rVV7	1820	2372	0.19%	0.031%
70	10.963	3083	3086	3089	rBV4	621	536	0.04%	0.007%
71	11.082	3116	3123	3128	rBV5	2132	2383	0.19%	0.031%
72	11.127	3130	3137	3145	rBV5	2516	3285	0.26%	0.043%
73	11.185	3145	3155	3175	rBV	224447	362527	28.66%	4.790%
74	11.365	3206	3211	3221	rVB6	2739	3746	0.30%	0.049%
75	11.403	3221	3223	3229	rVB4	566	561	0.04%	0.007%
76	11.493	3240	3251	3261	rBV3	13771	30854	2.44%	0.408%

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 Title : VOC Analysis

77	11.561	3262	3272	3292	rVB	233035	390087	30.84%	5.155%
78	11.783	3334	3341	3349	rBV8	2352	3463	0.27%	0.046%
79	12.123	3445	3447	3450	rVB3	811	408	0.03%	0.005%
80	12.191	3458	3468	3483	rVB2	20915	35209	2.78%	0.465%
81	12.297	3494	3501	3503	rBV4	3108	3083	0.24%	0.041%
82	12.439	3543	3545	3549	rVB3	817	498	0.04%	0.007%
83	12.538	3573	3576	3579	rVV4	906	731	0.06%	0.010%
84	12.554	3579	3581	3585	rVB2	793	388	0.03%	0.005%
85	12.619	3592	3601	3618	rBV5	8384	15119	1.20%	0.200%
86	12.738	3636	3638	3646	rVB7	651	501	0.04%	0.007%
87	12.828	3659	3666	3672	rVV5	3296	4600	0.36%	0.061%
88	12.857	3672	3675	3682	rVB4	746	661	0.05%	0.009%
89	13.249	3795	3797	3801	rBV5	538	493	0.04%	0.007%
90	13.394	3839	3842	3845	rBV4	855	637	0.05%	0.008%
91	13.467	3858	3865	3872	rBV9	2687	4439	0.35%	0.059%
92	13.529	3879	3884	3891	rBV6	2171	2437	0.19%	0.032%
93	13.670	3925	3928	3929	rBV2	743	402	0.03%	0.005%
94	13.683	3930	3932	3938	rVB5	1432	1248	0.10%	0.016%
95	13.757	3951	3955	3956	rBV3	841	548	0.04%	0.007%
96	13.837	3972	3980	3991	rVB8	2180	4063	0.32%	0.054%
97	13.905	3998	4001	4005	rBV4	947	845	0.07%	0.011%
98	13.985	4013	4026	4034	rBV	4654	8328	0.66%	0.110%
99	14.586	4210	4213	4218	rBV4	1103	1046	0.08%	0.014%
100	14.625	4223	4225	4230	rBV3	704	597	0.05%	0.008%

Sum of corrected areas: 7567689

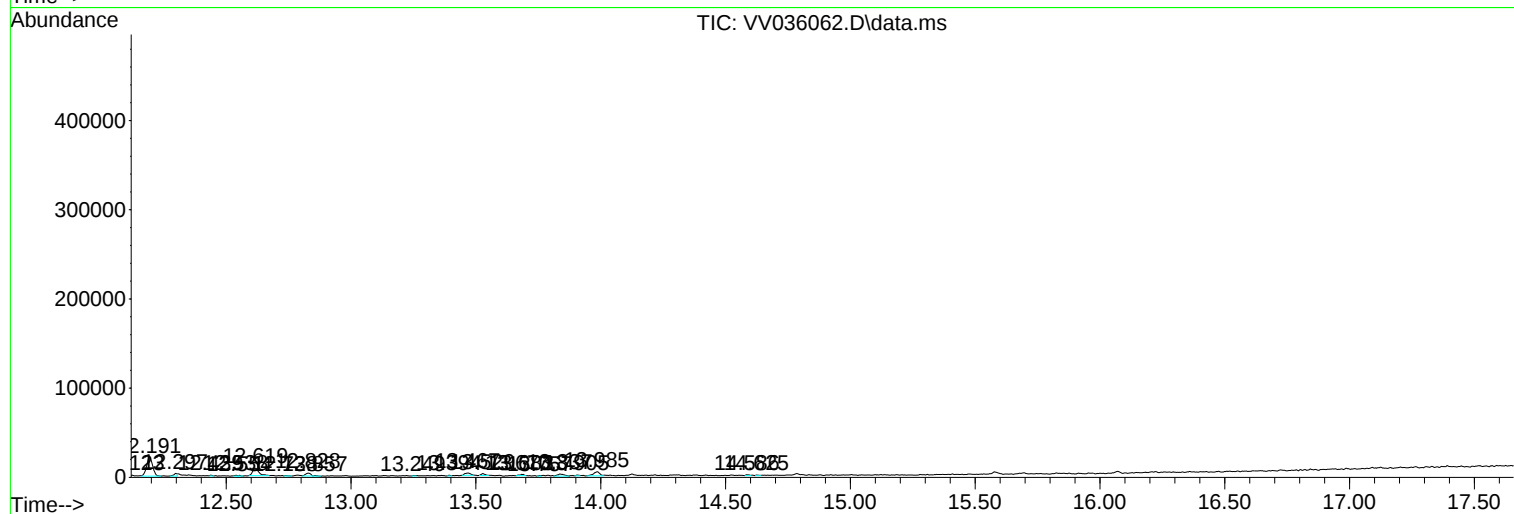
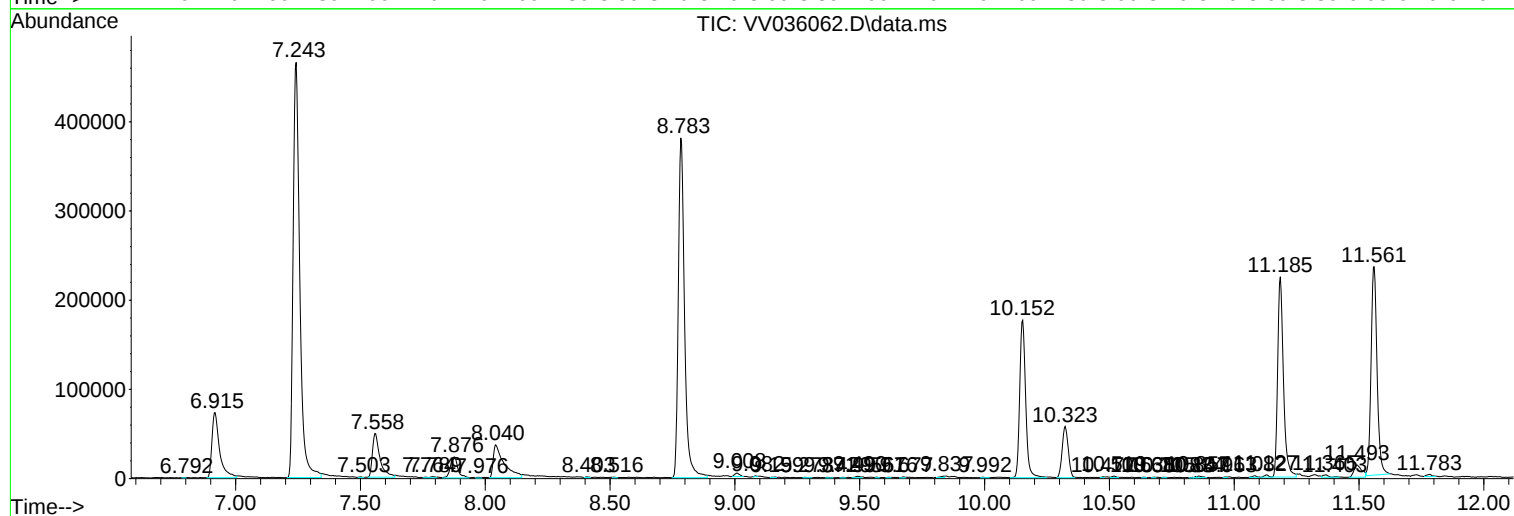
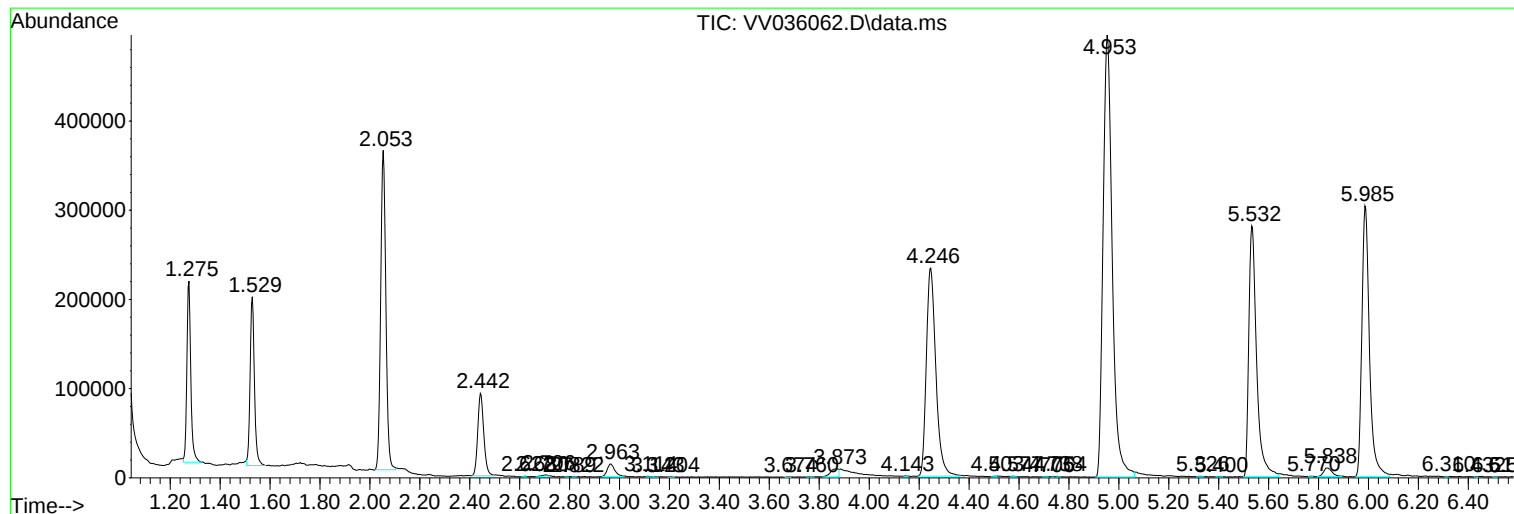
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Instrument :
MSVOA_V
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A4C86RE

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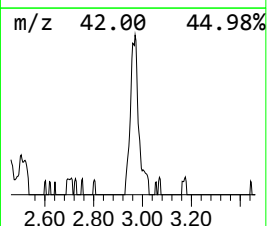
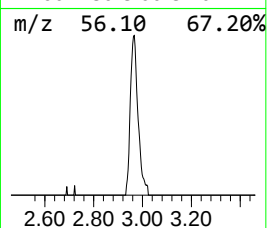
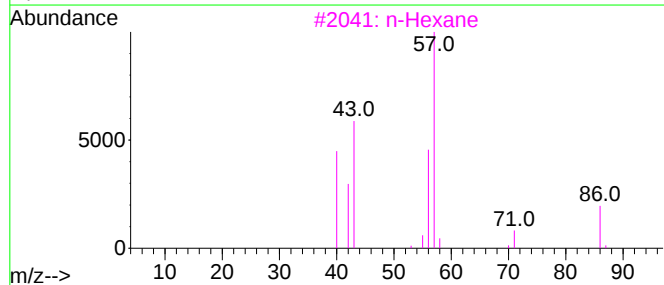
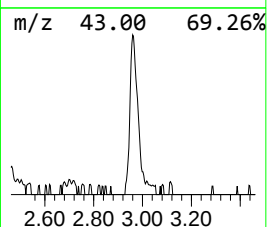
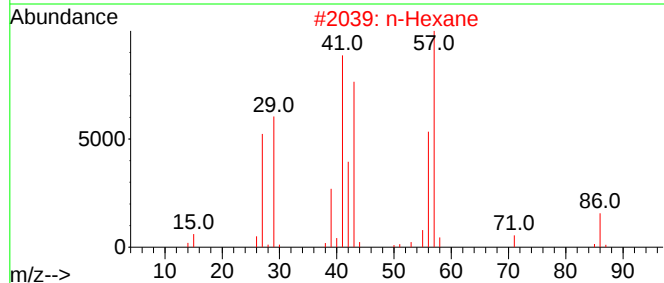
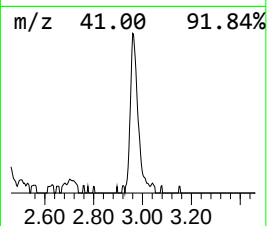
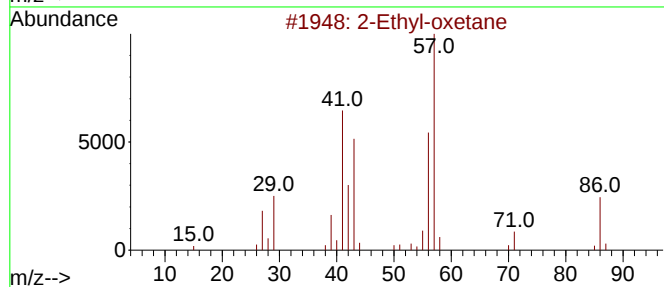
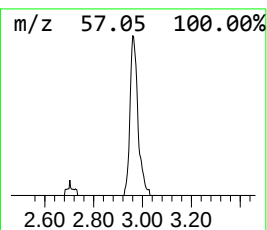
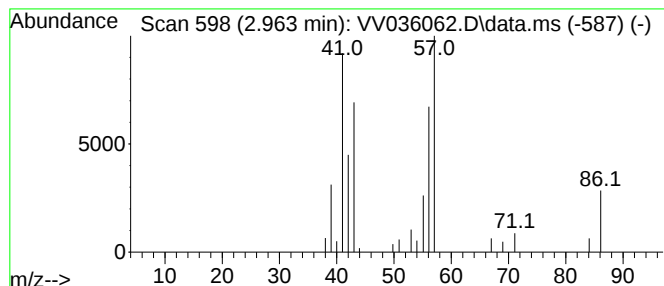
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.28 ug/L	31214	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	80
2	n-Hexane			86	C6H14	000110-54-3	50
3	n-Hexane			86	C6H14	000110-54-3	47
4	Hydroperoxide, hexyl			118	C6H14O2	004312-76-9	40
5	n-Hexane			86	C6H14	000110-54-3	36



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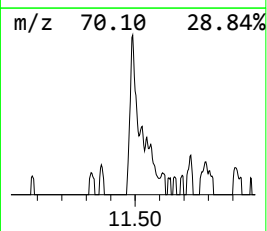
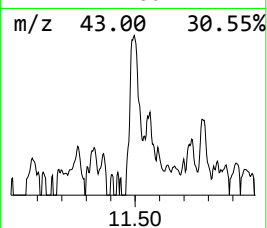
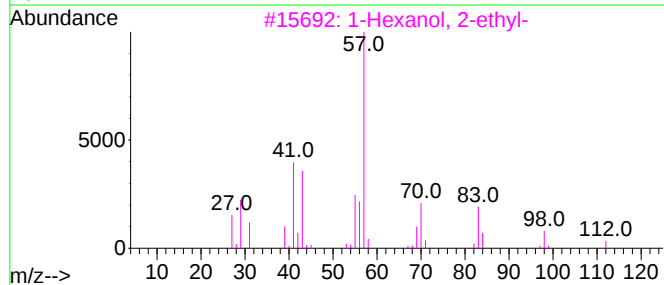
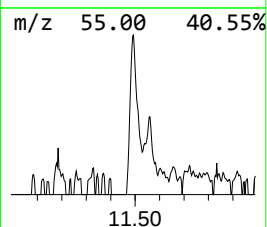
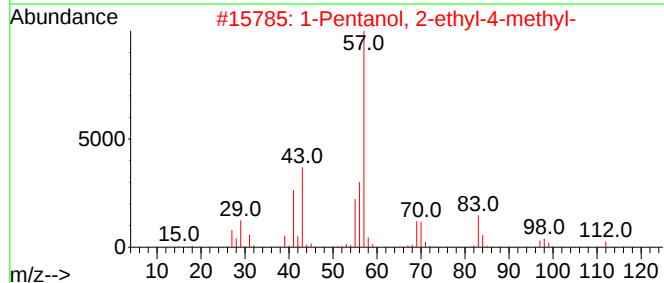
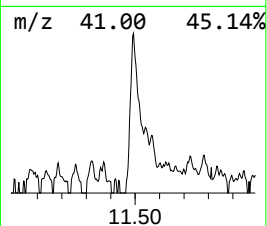
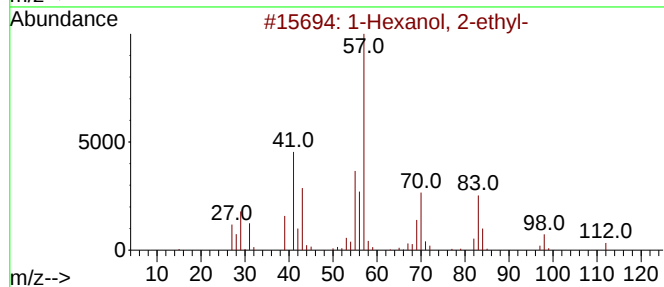
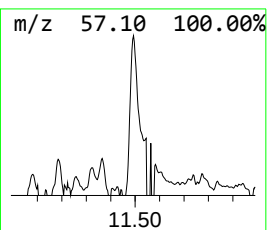
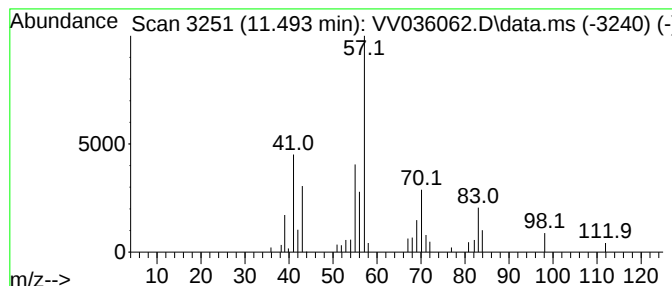
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.493	2.13 ug/L	30854	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



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Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	2.963	1.3	ug/L	31214	1	5.532	611826	25.0
1-Hexanol, 2-et...	11.493	2.1	ug/L	30854	3	11.185	362527	25.0