

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036656.D
 Acq On : 23 Jul 2024 18:58
 Operator : SY/MD
 Sample : P3276-14
 Misc : 9.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J3

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: VV036656.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	41	46	51	rBV2	23309	20517	0.02%	0.021%
2	1.272	66	72	87	rVB2	74313	85769	0.09%	0.087%
3	1.526	145	151	166	rVB	64477	76468	0.08%	0.077%
4	1.992	289	296	304	rBV	16759	23390	0.03%	0.024%
5	2.056	305	316	338	rVB4	227528	390407	0.42%	0.395%
6	2.233	363	371	380	rVB	5205	7902	0.01%	0.008%
7	2.314	394	396	401	rVB2	341	272	0.00%	0.000%
8	2.442	426	436	450	rVB3	14434	24989	0.03%	0.025%
9	2.523	459	461	466	rVB2	325	260	0.00%	0.000%
10	2.690	503	513	532	rBV2	23293	42968	0.05%	0.043%
11	2.921	577	585	588	rVB2	366	368	0.00%	0.000%
12	2.960	588	597	607	rBV5	1589	2840	0.00%	0.003%
13	3.066	625	630	633	rBV3	279	231	0.00%	0.000%
14	3.259	687	690	696	rVB2	249	283	0.00%	0.000%
15	3.378	722	727	730	rBV	241	249	0.00%	0.000%
16	3.645	804	810	812	rBV	372	413	0.00%	0.000%
17	3.809	845	861	906	rBV	426967	1082281	1.16%	1.095%
18	4.246	981	997	1032	rBV	110243	299341	0.32%	0.303%
19	4.503	1074	1077	1079	rBV2	332	206	0.00%	0.000%
20	4.568	1092	1097	1099	rBV3	544	438	0.00%	0.000%
21	4.953	1202	1217	1249	rBV2	201541	539770	0.58%	0.546%
22	5.272	1313	1316	1320	rBV2	266	213	0.00%	0.000%
23	5.535	1386	1398	1426	rBV	259724	573747	0.62%	0.581%
24	5.841	1471	1493	1494	rBV2	49951874	92982200	100.00%	94.104%
25	6.918	1819	1828	1855	rBV	52290	108000	0.12%	0.109%
26	7.246	1920	1930	1952	rBV	146718	269903	0.29%	0.273%
27	7.561	2019	2028	2048	rBV	31970	65606	0.07%	0.066%
28	7.902	2118	2134	2160	rBV	545539	938284	1.01%	0.950%
29	8.034	2168	2175	2206	rBV	53139	115832	0.12%	0.117%
30	8.336	2267	2269	2275	rVB4	1152	933	0.00%	0.001%
31	8.365	2275	2278	2281	rBV3	652	442	0.00%	0.000%
32	8.416	2290	2294	2295	rBV3	481	285	0.00%	0.000%
33	8.632	2358	2361	2364	rBV2	481	293	0.00%	0.000%
34	8.715	2385	2387	2391	rVV2	345	229	0.00%	0.000%
35	8.783	2398	2408	2436	rBV	283081	485326	0.52%	0.491%
36	9.063	2493	2495	2500	rVB4	551	491	0.00%	0.000%

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Integrator: RTE

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

37	9.098	2500	2506	2508	rBV3	811	833	0.00%	0.001%
38	9.130	2514	2516	2520	rVB2	612	331	0.00%	0.000%
39	9.159	2523	2525	2529	rVB3	318	204	0.00%	0.000%
40	9.191	2532	2535	2539	rVB	487	345	0.00%	0.000%
41	9.288	2560	2565	2566	rBV2	442	210	0.00%	0.000%
42	9.371	2588	2591	2593	rBV2	308	210	0.00%	0.000%
43	9.407	2599	2602	2606	rBV4	276	206	0.00%	0.000%
44	9.825	2729	2732	2733	rBV2	592	329	0.00%	0.000%
45	9.837	2734	2736	2743	rVB4	1210	1079	0.00%	0.001%
46	10.153	2823	2834	2851	rBV	138699	226546	0.24%	0.229%
47	10.326	2879	2888	2899	rVB3	5042	8529	0.01%	0.009%
48	10.442	2922	2924	2931	rVB4	313	318	0.00%	0.000%
49	10.519	2941	2948	2960	rVB6	3660	6298	0.01%	0.006%
50	10.715	3006	3009	3014	rVB2	317	238	0.00%	0.000%
51	10.760	3020	3023	3028	rVB3	485	312	0.00%	0.000%
52	10.815	3036	3040	3053	rVB6	1238	1487	0.00%	0.002%
53	10.879	3058	3060	3062	rBV3	341	200	0.00%	0.000%
54	11.069	3114	3119	3122	rBV2	362	264	0.00%	0.000%
55	11.088	3122	3125	3129	rBV3	1291	937	0.00%	0.001%
56	11.130	3134	3138	3139	rBV3	582	424	0.00%	0.000%
57	11.188	3145	3156	3178	rBV	98214	171116	0.18%	0.173%
58	11.403	3219	3223	3226	rBV3	537	431	0.00%	0.000%
59	11.500	3246	3253	3254	rBV3	3165	2952	0.00%	0.003%
60	11.561	3262	3272	3288	rBV	84315	139872	0.15%	0.142%
61	11.728	3316	3324	3335	rBV4	7454	11392	0.01%	0.012%
62	11.802	3345	3347	3351	rVB2	639	298	0.00%	0.000%
63	11.831	3354	3356	3358	rVB2	461	241	0.00%	0.000%
64	11.844	3358	3360	3363	rBV2	520	333	0.00%	0.000%
65	11.863	3365	3366	3371	rBV4	612	545	0.00%	0.001%
66	12.021	3414	3415	3419	rVB2	439	226	0.00%	0.000%
67	12.059	3423	3427	3430	rBV3	1001	805	0.00%	0.001%
68	12.111	3441	3443	3446	rVB3	445	223	0.00%	0.000%
69	12.127	3446	3448	3451	rBV3	608	361	0.00%	0.000%
70	12.194	3461	3469	3477	rVB5	2727	4372	0.00%	0.004%
71	12.310	3497	3505	3510	rBV6	2729	4261	0.00%	0.004%
72	12.333	3510	3512	3513	rBV6	591	264	0.00%	0.000%
73	12.407	3527	3535	3540	rBV8	1516	2041	0.00%	0.002%
74	12.445	3541	3547	3551	rBV3	1102	1248	0.00%	0.001%
75	12.535	3573	3575	3581	rVB5	1367	1035	0.00%	0.001%
76	12.619	3596	3601	3609	rBV7	2927	4090	0.00%	0.004%

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77	12.722	3630	3633	3637	rBV5	730	482	0.00%	0.000%
78	12.744	3637	3640	3642	rBV3	450	236	0.00%	0.000%
79	12.828	3654	3666	3681	rBV6	11453	18719	0.02%	0.019%
80	12.886	3681	3684	3686	rBV3	543	304	0.00%	0.000%
81	12.898	3686	3688	3689	rBV2	611	228	0.00%	0.000%
82	12.982	3697	3714	3720	rBV7	3884	7416	0.01%	0.008%
83	13.027	3726	3728	3732	rVB4	577	390	0.00%	0.000%
84	13.050	3732	3735	3738	rVV2	439	318	0.00%	0.000%
85	13.075	3741	3743	3746	rVB3	807	354	0.00%	0.000%
86	13.136	3757	3762	3764	rBV4	744	565	0.00%	0.001%
87	13.233	3790	3792	3796	rBV3	424	324	0.00%	0.000%
88	13.268	3798	3803	3812	rVV8	836	1278	0.00%	0.001%
89	13.468	3861	3865	3866	rBV3	1653	1032	0.00%	0.001%
90	13.542	3887	3888	3890	rBV3	584	271	0.00%	0.000%
91	13.632	3913	3916	3917	rBV3	770	449	0.00%	0.000%
92	13.725	3941	3945	3946	rBV3	726	437	0.00%	0.000%
93	13.808	3968	3971	3972	rBV3	750	440	0.00%	0.000%
94	13.841	3973	3981	3993	rVB4	9651	15280	0.02%	0.015%
95	14.127	4063	4070	4077	rVB8	2406	3107	0.00%	0.003%
96	14.162	4077	4081	4083	rBV4	734	530	0.00%	0.001%
97	14.413	4157	4159	4162	rBV3	816	416	0.00%	0.000%
98	14.786	4267	4275	4286	rBV4	7050	10568	0.01%	0.011%
99	15.361	4445	4454	4461	rBV9	2594	3861	0.00%	0.004%
100	15.676	4544	4552	4555	rBV6	3763	4857	0.01%	0.005%

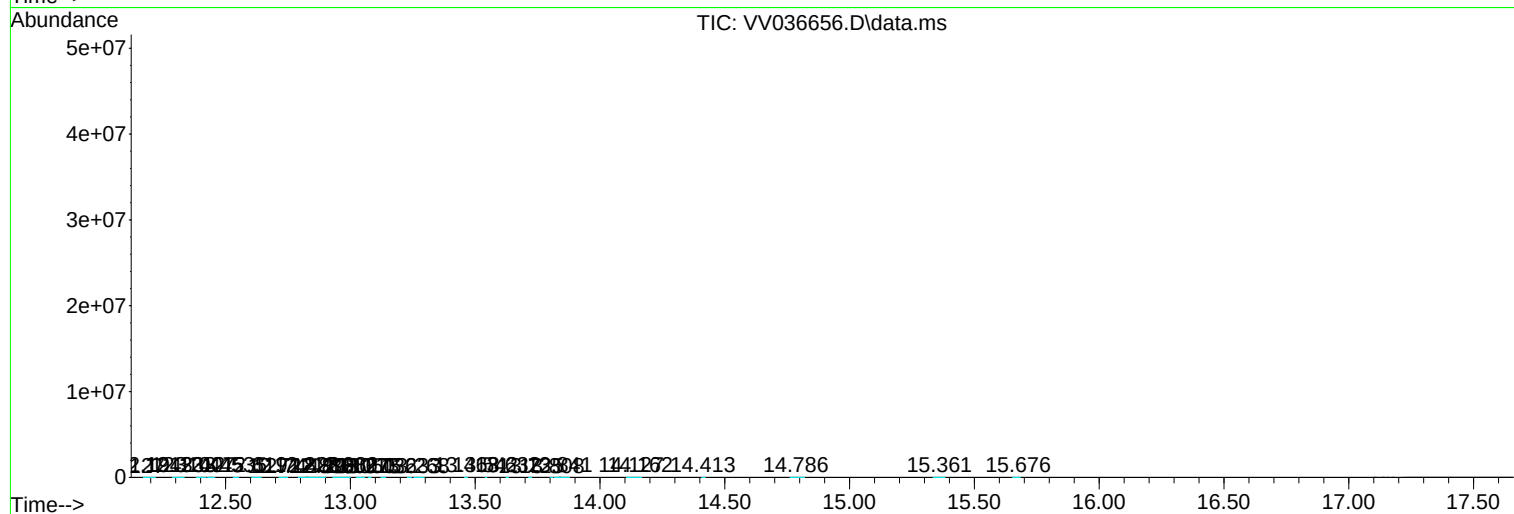
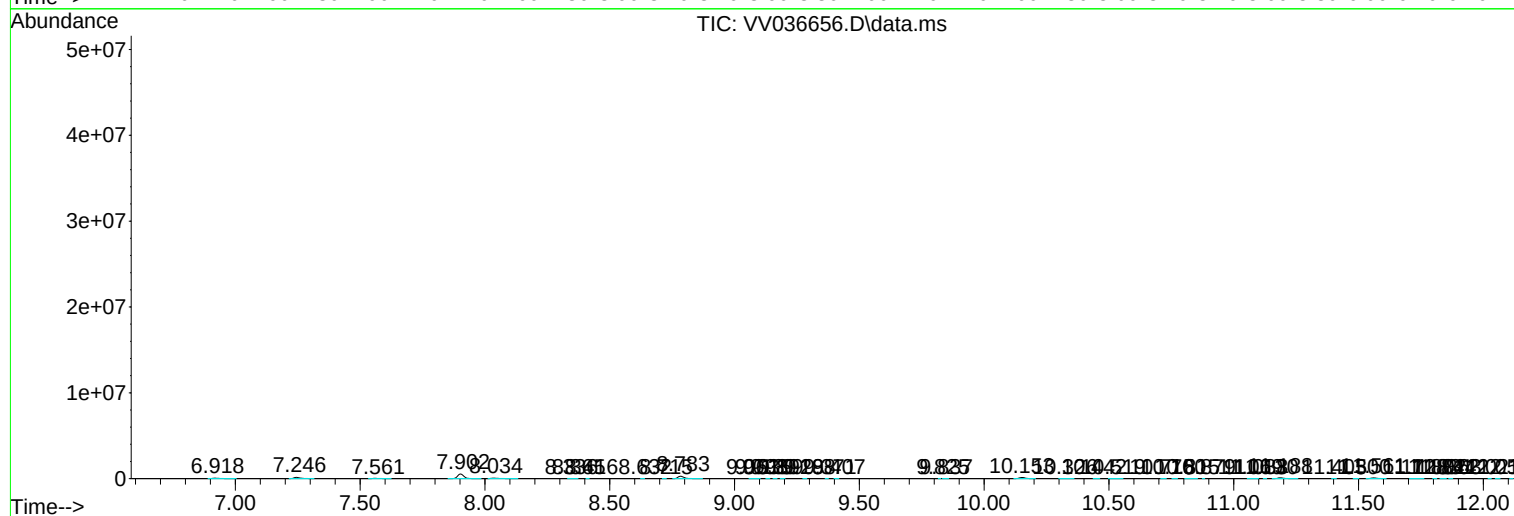
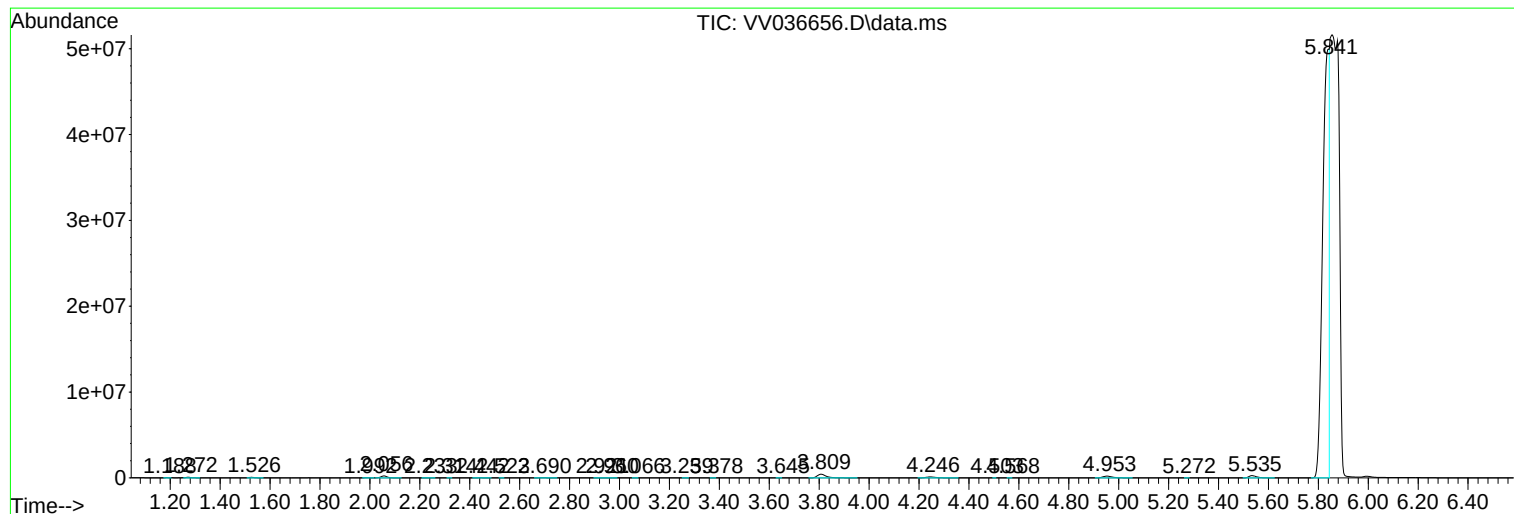
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Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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



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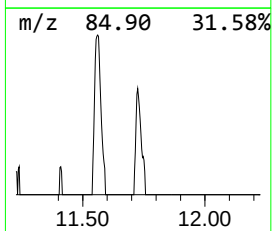
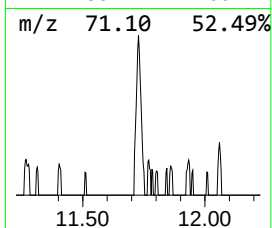
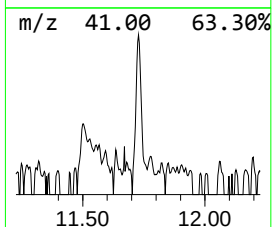
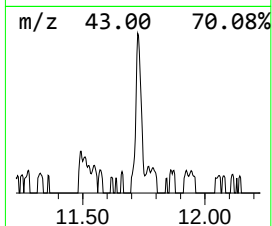
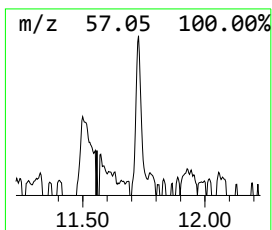
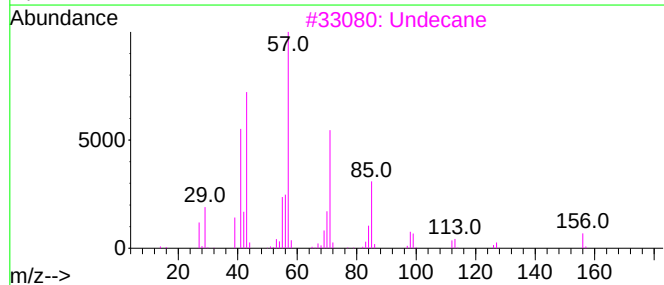
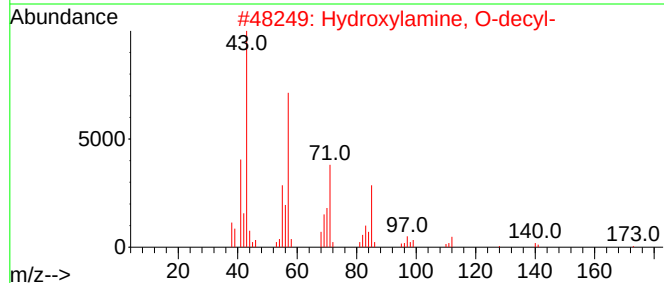
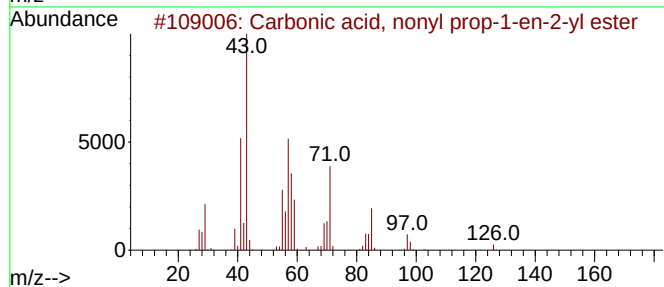
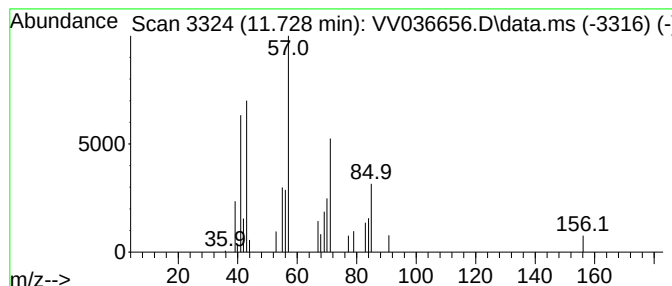
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Carbonic acid, nonyl prop-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	1.66 ug/L	11392	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	72
2			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
3			Undecane	156	C11H24	001120-21-4	64
4			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	59



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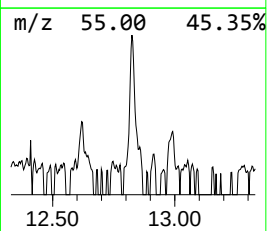
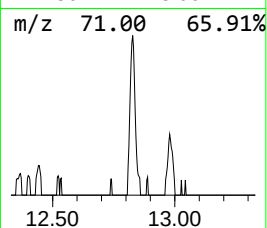
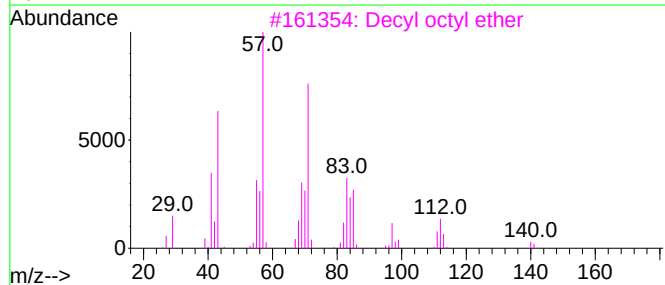
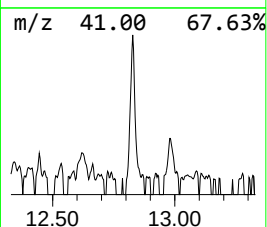
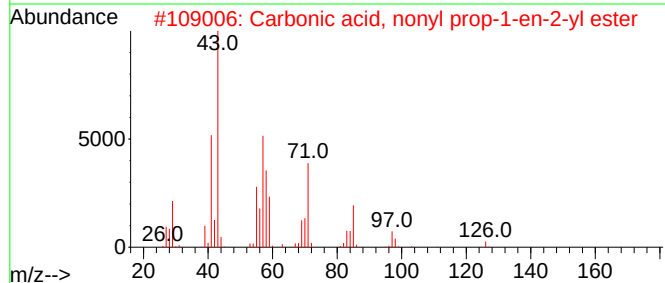
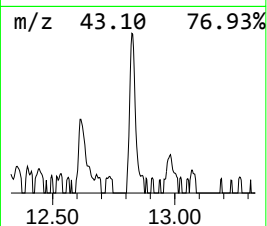
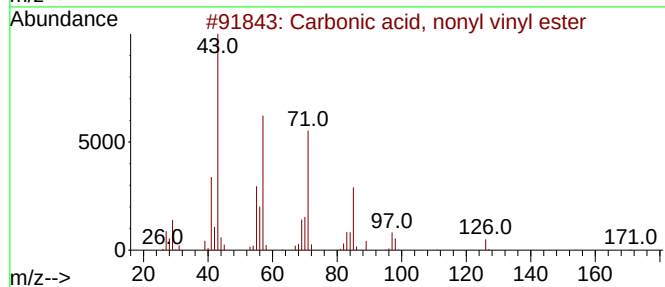
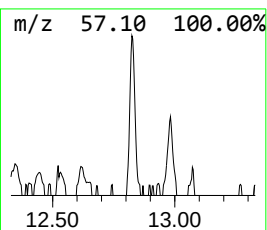
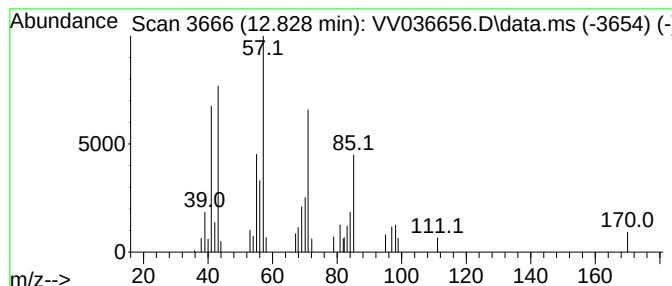
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Quant Title : VOC Analysis

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

Peak Number 3 Carbonic acid, nonyl vinyl ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	2.73 ug/L	18719	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	86
2			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	78
3			Decyl octyl ether	270	C18H38O	1000406-38-3	72
4			Dodecane	170	C12H26	000112-40-3	64
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



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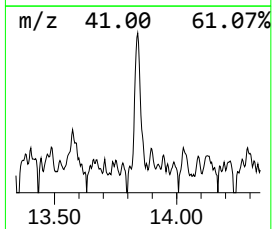
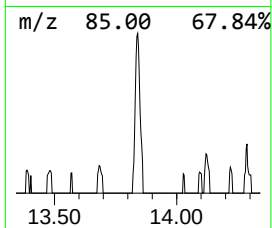
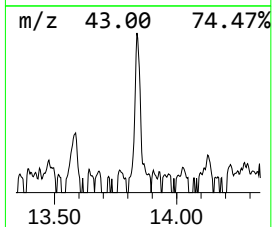
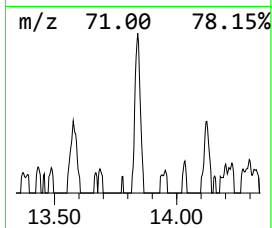
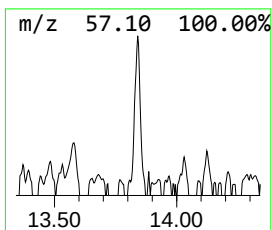
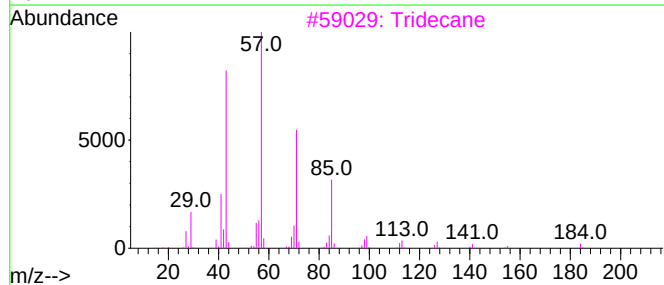
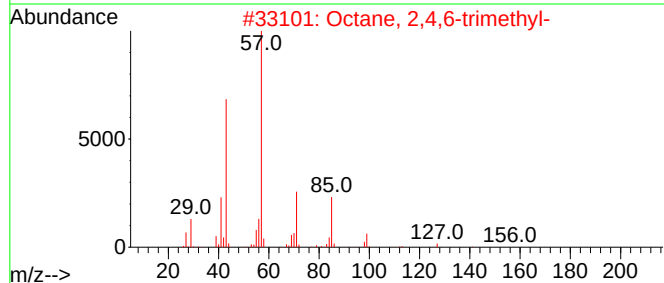
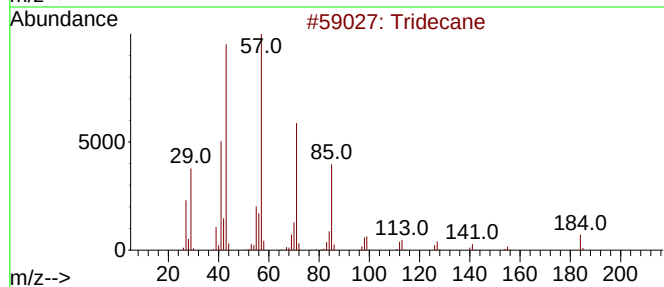
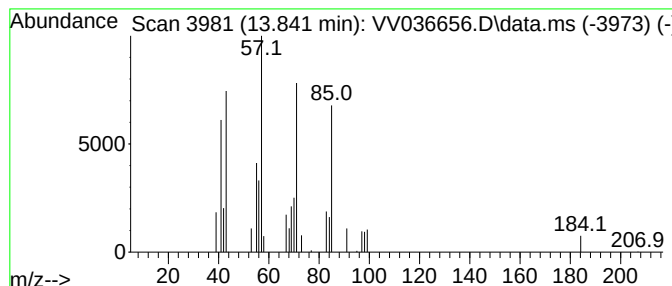
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.841	2.23 ug/L	15280	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	72
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64
5			Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036656.D
Acq On : 23 Jul 2024 18:58
Operator : SY/MD
Sample : P3276-14
Misc : 9.30g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J3

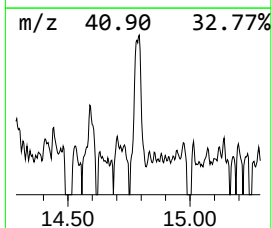
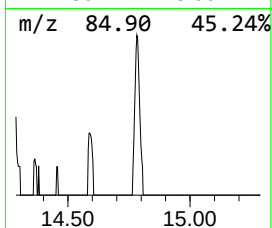
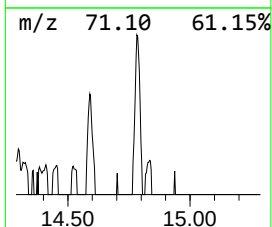
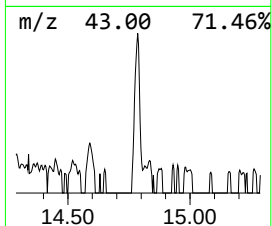
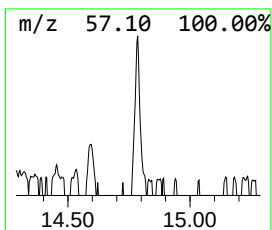
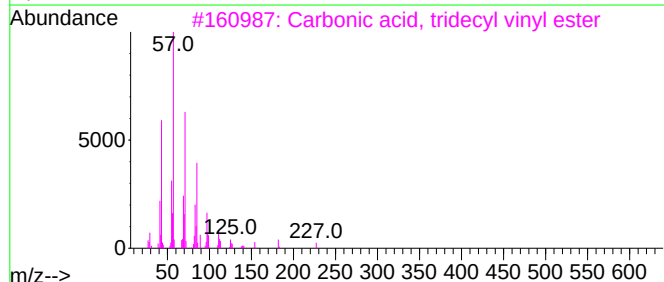
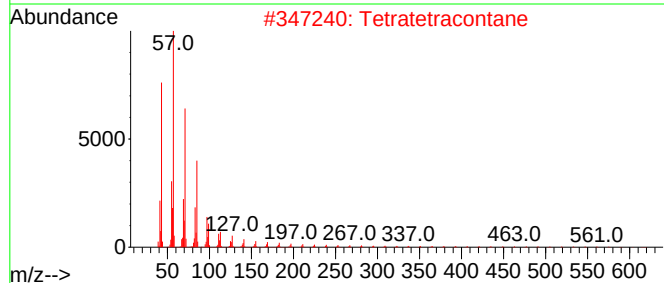
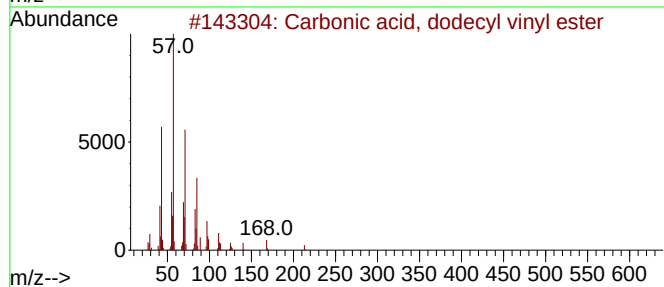
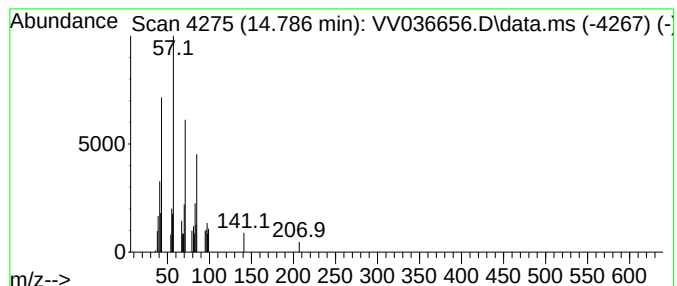
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Quant Title : VOC Analysis

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

Peak Number 5 Carbonic acid, dodecyl vinyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	1.54 ug/L	10568	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	86
2			Tetratetracontane	619	C44H90	007098-22-8	80
3			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	64
4			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	59
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036656.D
Acq On : 23 Jul 2024 18:58
Operator : SY/MD
Sample : P3276-14
Misc : 9.30g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Carbonic acid, ...	11.728	1.7	ug/L	11392	3	11.188	171116	25.0
Carbonic acid, ...	12.828	2.7	ug/L	18719	3	11.188	171116	25.0
(DEL) Alkane: S...	13.841	2.2	ug/L	15280	3	11.188	171116	25.0
Carbonic acid, ...	14.786	1.5	ug/L	10568	3	11.188	171116	25.0