

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036009.D
 Acq On : 07 Jun 2024 14:39
 Operator : SY/MD
 Sample : P2754-12RE
 Misc : 5.75g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BQ5RE

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: VV036009.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	67	73	85	rVB	197987	209855	17.39%	2.610%
2	1.529	145	152	164	rVB	173438	213030	17.66%	2.649%
3	2.053	306	315	327	rBV	309544	456265	37.81%	5.674%
4	2.236	367	372	382	rVB2	2846	4302	0.36%	0.054%
5	2.304	390	393	398	rVB2	716	615	0.05%	0.008%
6	2.400	420	423	426	rBV2	560	363	0.03%	0.005%
7	2.445	426	437	450	rBV2	26675	48399	4.01%	0.602%
8	2.706	510	518	522	rVV7	1978	2661	0.22%	0.033%
9	2.789	541	544	547	rVB2	560	310	0.03%	0.004%
10	2.809	547	550	557	rVB3	341	362	0.03%	0.005%
11	2.880	564	572	573	rBV3	343	391	0.03%	0.005%
12	2.970	587	600	609	rBV9	3262	6928	0.57%	0.086%
13	3.378	722	727	730	rBV2	630	456	0.04%	0.006%
14	3.812	850	862	883	rBV	18988	61089	5.06%	0.760%
15	4.246	981	997	1034	rBV	219725	589547	48.86%	7.332%
16	4.561	1091	1095	1096	rBV2	456	313	0.03%	0.004%
17	4.613	1109	1111	1117	rVB4	538	453	0.04%	0.006%
18	4.645	1117	1121	1124	rVB3	715	515	0.04%	0.006%
19	4.719	1140	1144	1146	rBV	631	465	0.04%	0.006%
20	4.735	1146	1149	1156	rVV4	799	889	0.07%	0.011%
21	4.818	1172	1175	1178	rVV3	555	452	0.04%	0.006%
22	4.953	1202	1217	1255	rBV2	466472	1206583	100.00%	15.005%
23	5.243	1303	1307	1311	rVB3	709	613	0.05%	0.008%
24	5.404	1353	1357	1358	rBV	492	307	0.03%	0.004%
25	5.532	1383	1397	1440	rBV	539048	1149429	95.26%	14.294%
26	5.838	1480	1492	1507	rVB8	9329	22516	1.87%	0.280%
27	5.905	1511	1513	1516	rVB5	753	357	0.03%	0.004%
28	5.985	1523	1538	1569	rBV	283118	599689	49.70%	7.458%
29	6.223	1610	1612	1615	rVB2	591	313	0.03%	0.004%
30	6.278	1626	1629	1633	rVB3	484	341	0.03%	0.004%
31	6.304	1633	1637	1640	rBV4	452	423	0.04%	0.005%
32	6.378	1656	1660	1663	rBV4	530	442	0.04%	0.005%
33	6.461	1679	1686	1690	rVV4	663	814	0.07%	0.010%
34	6.490	1692	1695	1701	rVB4	602	461	0.04%	0.006%
35	6.915	1817	1827	1848	rBV	102340	207634	17.21%	2.582%
36	7.243	1918	1929	1952	rBV	401864	731383	60.62%	9.096%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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	7.558	2018	2027	2052	rBV	57243	116402	9.65%	1.448%
38	7.747	2084	2086	2091	rVV4	375	361	0.03%	0.004%
39	7.773	2091	2094	2097	rVV2	783	482	0.04%	0.006%
40	7.793	2097	2100	2103	rVV4	1074	805	0.07%	0.010%
41	7.812	2103	2106	2109	rVB3	879	564	0.05%	0.007%
42	7.873	2114	2125	2133	rBV2	10662	19441	1.61%	0.242%
43	8.034	2165	2175	2202	rBV2	57040	135576	11.24%	1.686%
44	8.387	2283	2285	2290	rVB3	860	428	0.04%	0.005%
45	8.603	2348	2352	2355	rBV4	519	379	0.03%	0.005%
46	8.654	2363	2368	2370	rBV2	481	393	0.03%	0.005%
47	8.735	2389	2393	2397	rBV4	679	566	0.05%	0.007%
48	8.783	2397	2408	2435	rBV	558776	937658	77.71%	11.661%
49	9.075	2495	2499	2501	rBV3	582	389	0.03%	0.005%
50	9.088	2501	2503	2507	rVB4	651	409	0.03%	0.005%
51	9.249	2551	2553	2556	rBV	476	304	0.03%	0.004%
52	9.352	2583	2585	2590	rVB3	607	401	0.03%	0.005%
53	9.410	2599	2603	2605	rBV2	439	315	0.03%	0.004%
54	9.493	2624	2629	2633	rVV4	714	705	0.06%	0.009%
55	9.554	2646	2648	2652	rVB3	633	437	0.04%	0.005%
56	9.699	2687	2693	2695	rBV4	368	386	0.03%	0.005%
57	9.731	2697	2703	2707	rBV4	651	748	0.06%	0.009%
58	9.841	2729	2737	2744	rBV4	3054	4705	0.39%	0.059%
59	9.870	2744	2746	2750	rBV3	486	319	0.03%	0.004%
60	9.947	2767	2770	2774	rVB3	650	607	0.05%	0.008%
61	10.001	2783	2787	2790	rBV2	501	478	0.04%	0.006%
62	10.063	2796	2806	2814	rBV4	3722	6099	0.51%	0.076%
63	10.153	2823	2834	2851	rBV	148528	241048	19.98%	2.998%
64	10.323	2874	2887	2901	rVB	45848	78133	6.48%	0.972%
65	10.403	2909	2912	2918	rBV2	427	425	0.04%	0.005%
66	10.468	2929	2932	2936	rBV4	739	650	0.05%	0.008%
67	10.513	2936	2946	2948	rBV5	3043	4008	0.33%	0.050%
68	10.593	2967	2971	2972	rBV2	845	560	0.05%	0.007%
69	10.654	2986	2990	2994	rBV3	559	508	0.04%	0.006%
70	10.677	2994	2997	3000	rBV4	341	317	0.03%	0.004%
71	10.767	3017	3025	3036	rVB7	2139	3672	0.30%	0.046%
72	10.853	3044	3052	3068	rVB3	13231	22063	1.83%	0.274%
73	10.931	3071	3076	3077	rBV3	567	370	0.03%	0.005%
74	10.972	3079	3089	3098	rBV3	5735	8838	0.73%	0.110%
75	11.027	3100	3106	3112	rBV6	851	1201	0.10%	0.015%
76	11.082	3112	3123	3132	rBV3	23024	37685	3.12%	0.469%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

77	11.127	3133	3137	3145	rVB9	5385	7700	0.64%	0.096%
78	11.185	3145	3155	3173	rBV	245552	405174	33.58%	5.039%
79	11.326	3189	3199	3205	rBV2	20131	34850	2.89%	0.433%
80	11.365	3206	3211	3221	rVB3	24878	36002	2.98%	0.448%
81	11.500	3242	3253	3261	rBV6	14421	33039	2.74%	0.411%
82	11.561	3262	3272	3298	rVB	166880	295038	24.45%	3.669%
83	11.722	3316	3322	3330	rVB7	7848	11284	0.94%	0.140%
84	12.136	3446	3451	3453	rBV5	827	702	0.06%	0.009%
85	12.191	3459	3468	3479	rBV2	13828	23113	1.92%	0.287%
86	12.300	3495	3502	3512	rBV8	3543	6126	0.51%	0.076%
87	12.397	3529	3532	3538	rBV6	826	1076	0.09%	0.013%
88	12.426	3538	3541	3543	rVV4	1146	634	0.05%	0.008%
89	12.619	3592	3601	3611	rBV3	9465	16065	1.33%	0.200%
90	12.734	3632	3637	3641	rBV6	1027	1133	0.09%	0.014%
91	12.828	3661	3666	3675	rVB6	2920	4876	0.40%	0.061%
92	12.905	3686	3690	3691	rBV2	528	386	0.03%	0.005%
93	13.082	3742	3745	3746	rBV2	593	342	0.03%	0.004%
94	13.130	3757	3760	3765	rBV5	728	690	0.06%	0.009%
95	13.355	3827	3830	3835	rVB4	646	503	0.04%	0.006%
96	13.464	3860	3864	3875	rVB7	4248	5925	0.49%	0.074%
97	13.529	3878	3884	3893	rBV8	3716	5305	0.44%	0.066%
98	13.902	3997	4000	4001	rBV2	791	395	0.03%	0.005%
99	13.982	4019	4025	4028	rBV3	1875	1976	0.16%	0.025%
100	14.458	4171	4173	4179	rVB4	1280	928	0.08%	0.012%

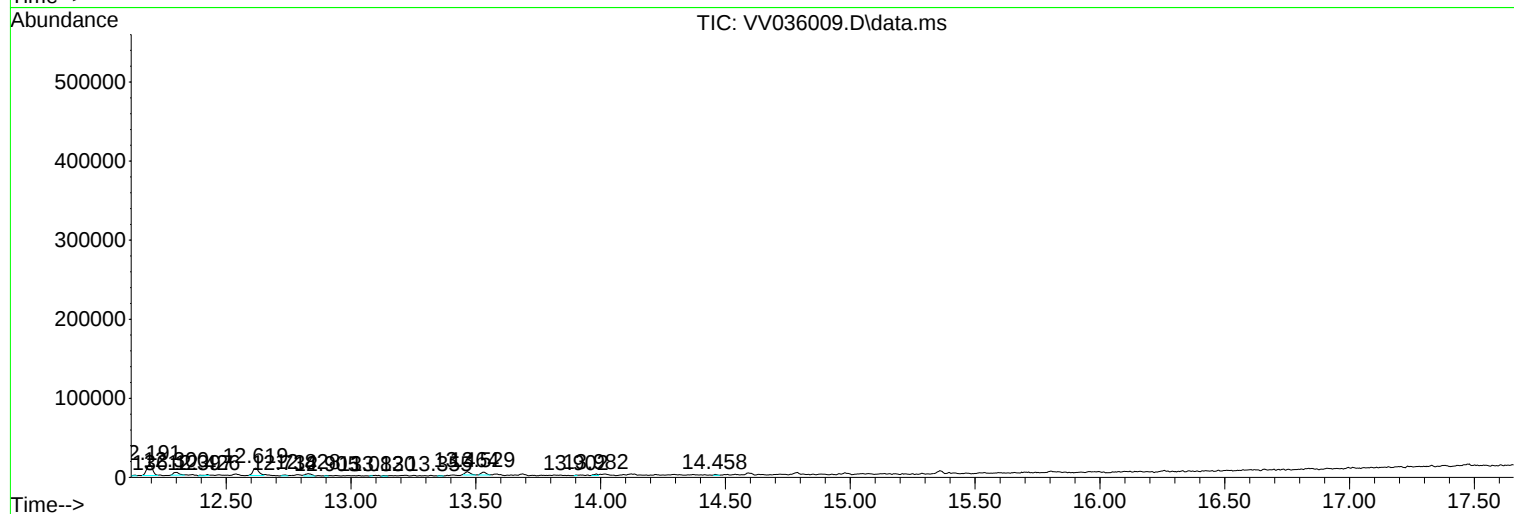
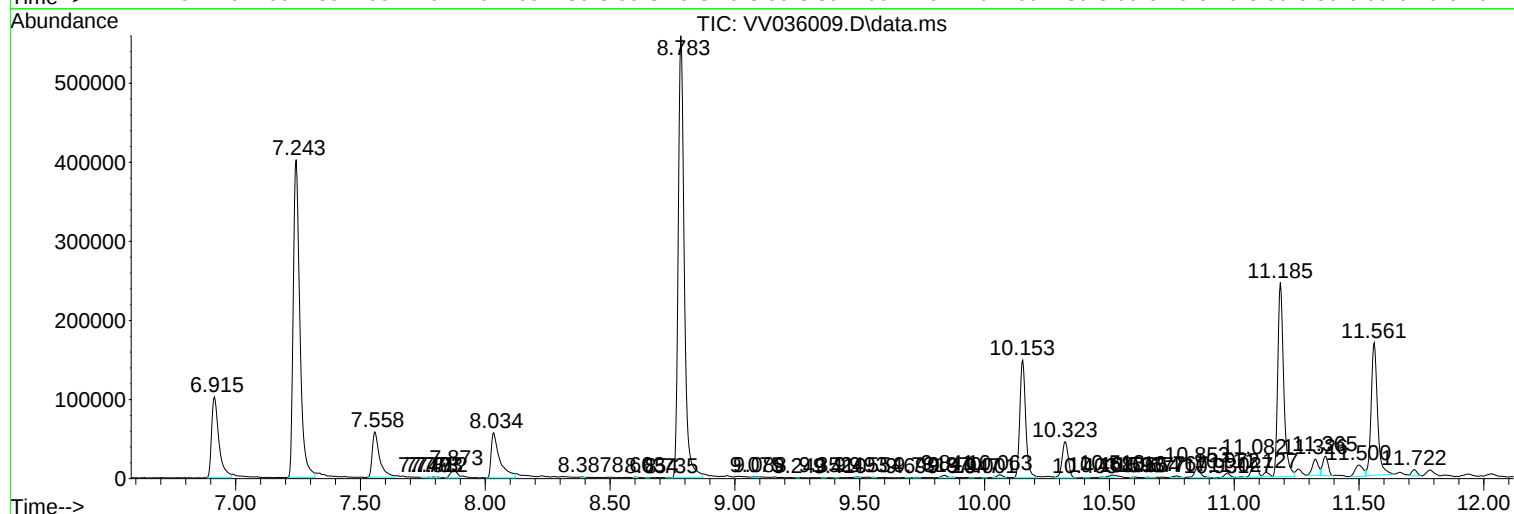
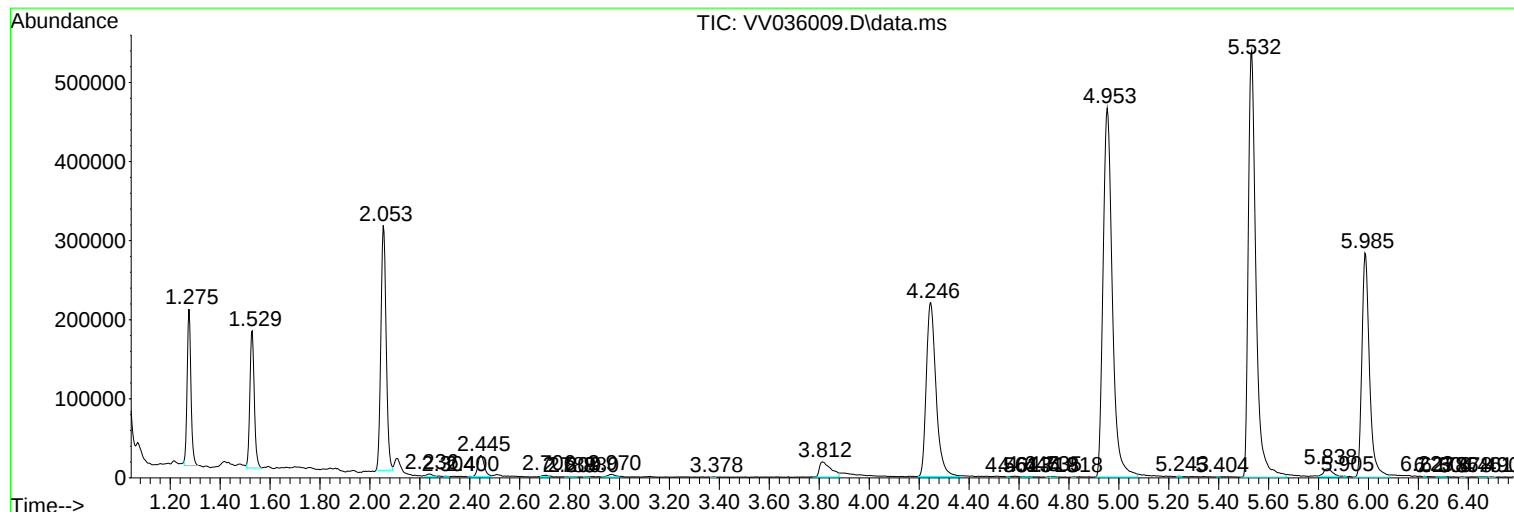
Sum of corrected areas: 8041062

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ5RE

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
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Instrument :
MSVOA_V
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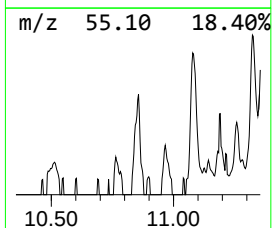
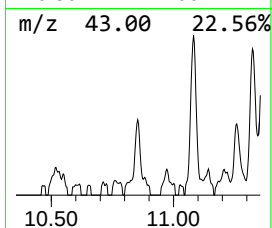
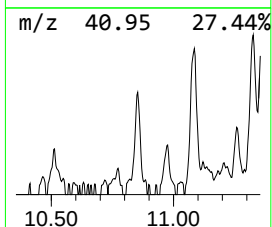
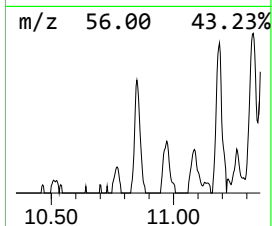
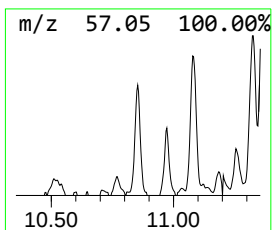
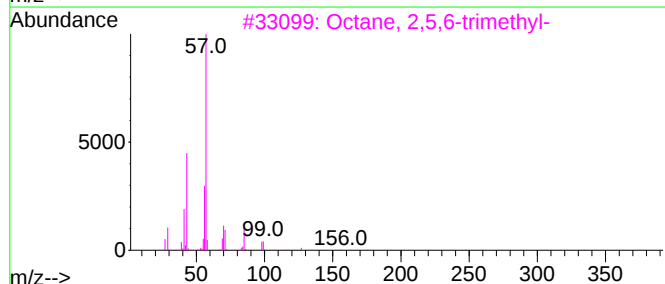
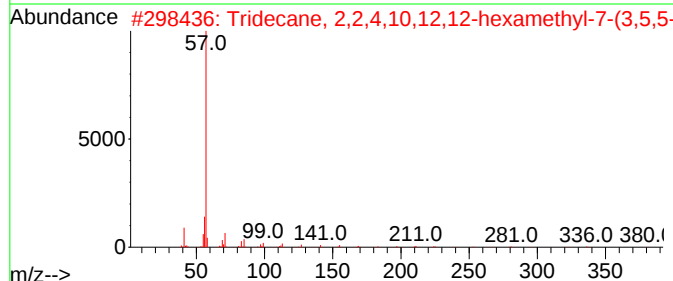
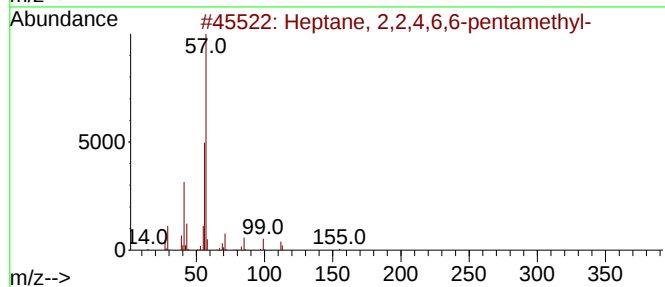
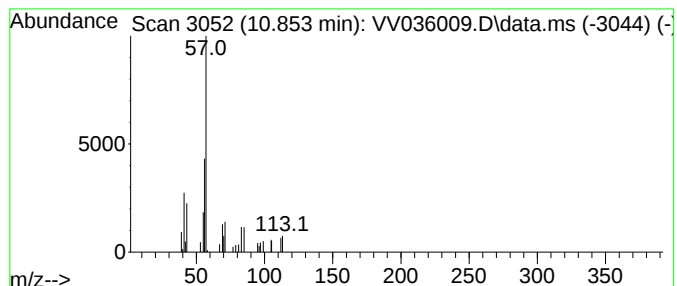
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.854	1.36 ug/L	22063	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
2			Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	50
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	40
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	40
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	38



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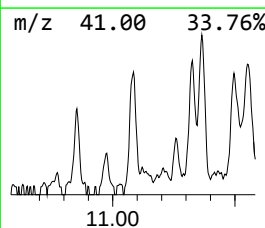
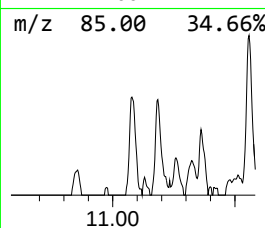
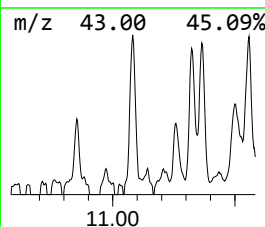
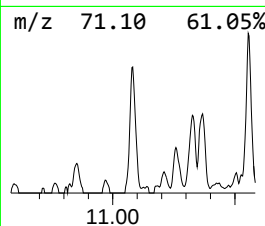
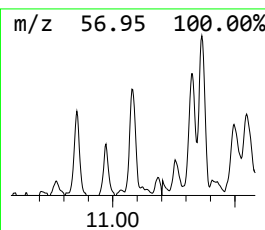
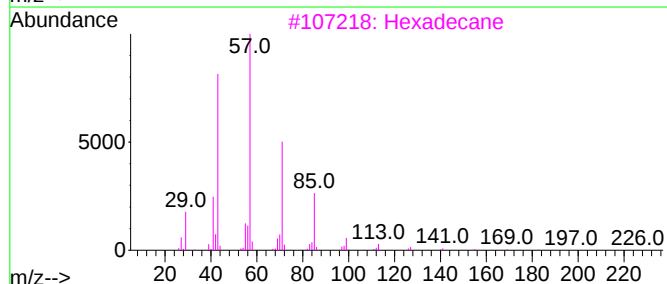
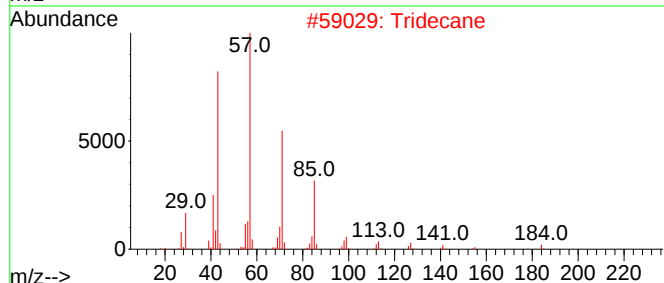
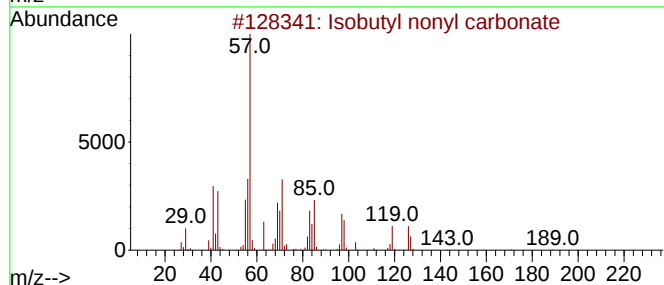
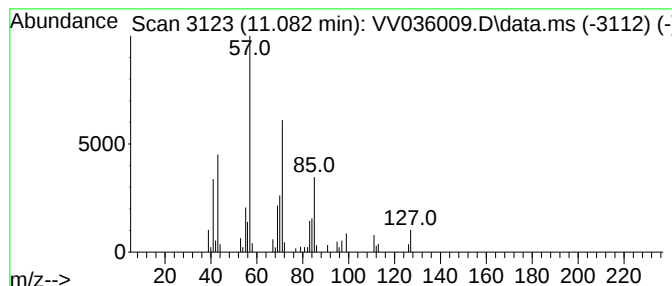
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Isobutyl nonyl carbonate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	2.33 ug/L	37685	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	64
2			Tridecane	184	C13H28	000629-50-5	59
3			Hexadecane	226	C16H34	000544-76-3	53
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53



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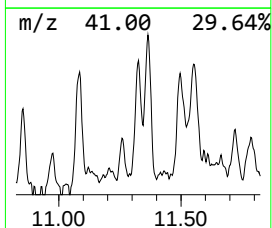
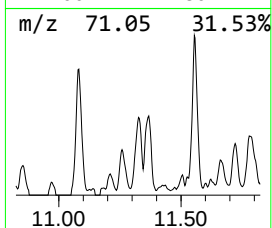
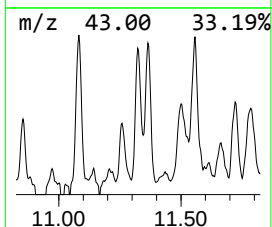
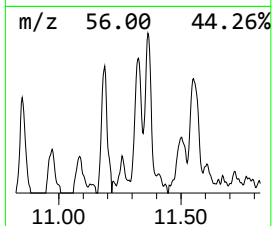
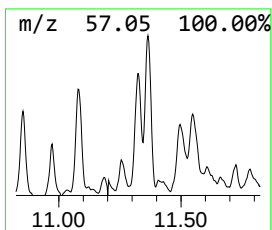
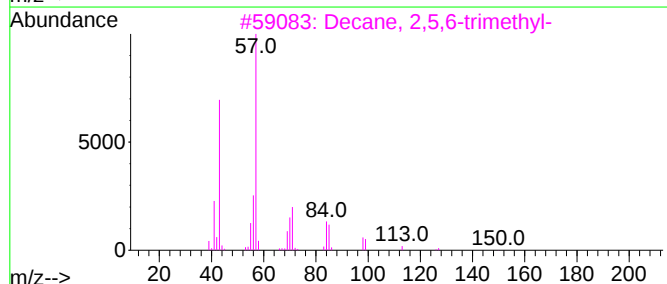
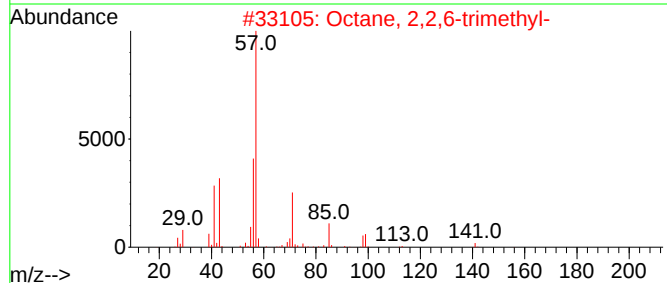
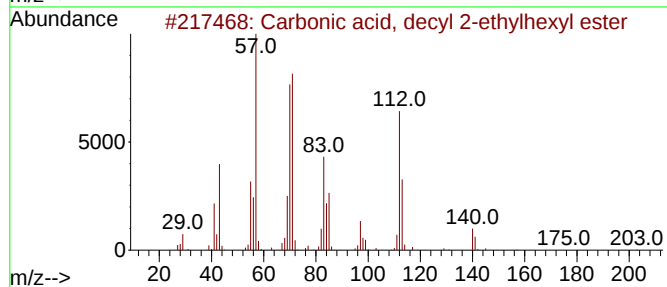
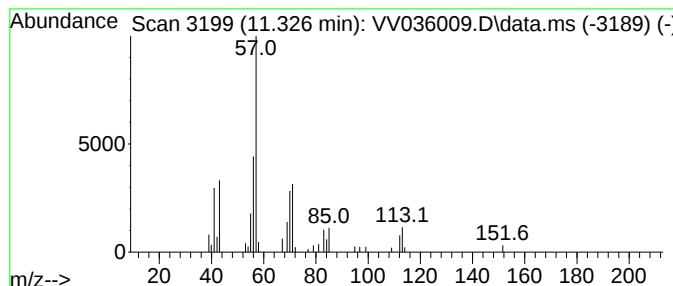
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Quant Title : VOC Analysis

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

Peak Number 5 Carbonic acid, decyl 2-ethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	2.15 ug/L	34850	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	50
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
3			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036009.D
Acq On : 07 Jun 2024 14:39
Operator : SY/MD
Sample : P2754-12RE
Misc : 5.75g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ5RE

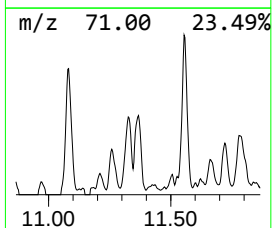
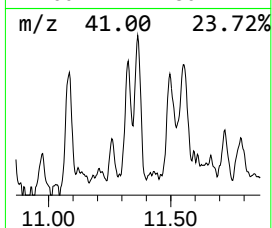
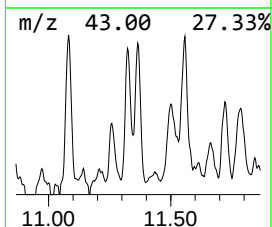
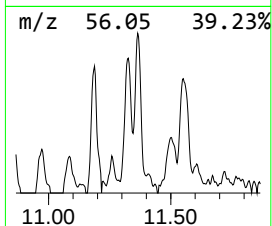
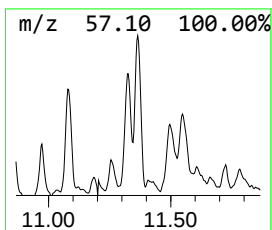
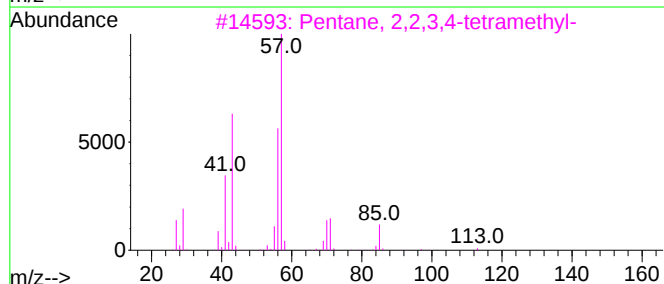
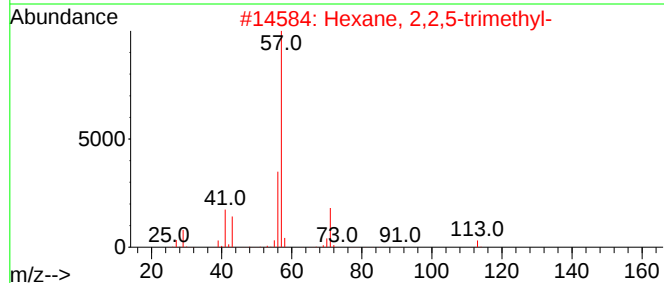
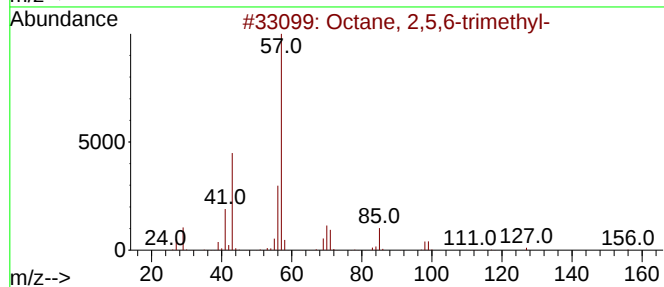
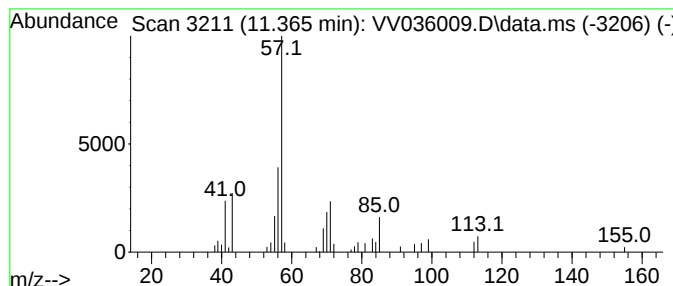
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.365	2.22 ug/L	36002	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036009.D
Acq On : 07 Jun 2024 14:39
Operator : SY/MD
Sample : P2754-12RE
Misc : 5.75g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ5RE

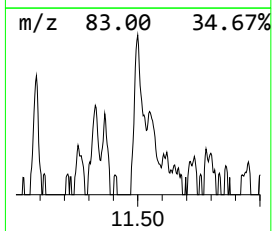
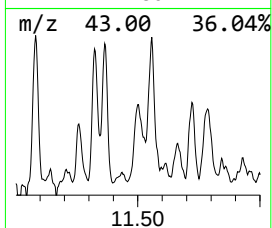
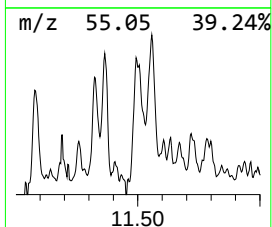
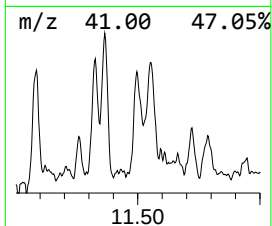
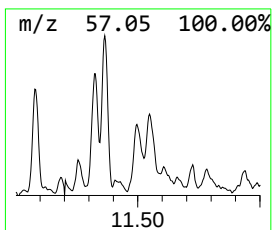
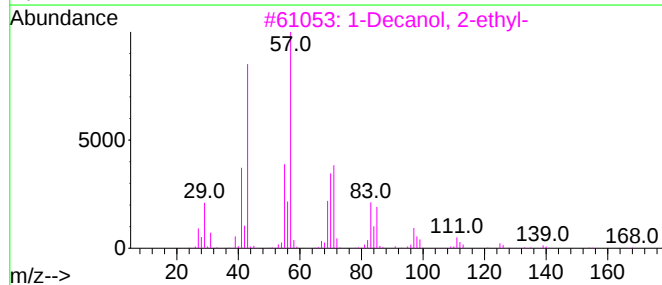
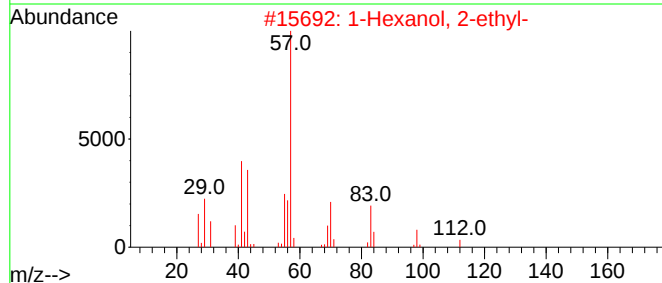
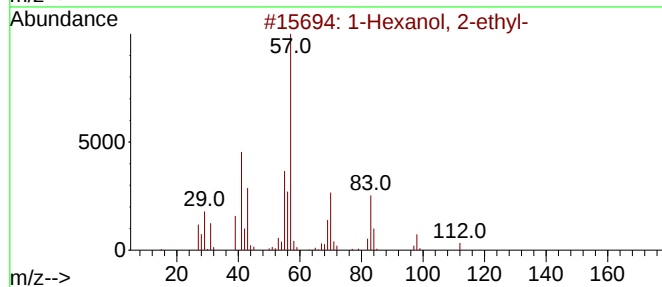
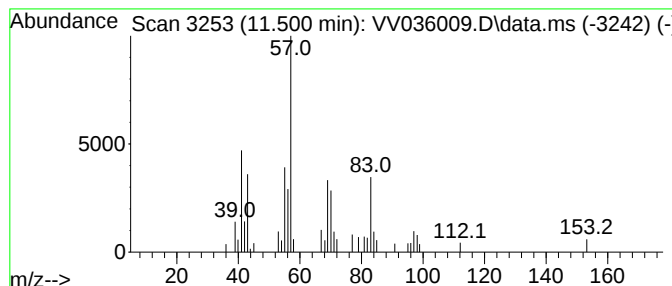
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Quant Title : VOC Analysis

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.500	2.04 ug/L	33039	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	72
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
3	1-Decanol, 2-ethyl-			186	C12H26O	021078-65-9	59
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59
5	Isobutyl tetradecyl carbonate			314	C19H38O3	959275-58-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036009.D
Acq On : 07 Jun 2024 14:39
Operator : SY/MD
Sample : P2754-12RE
Misc : 5.75g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ5RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	10.854	1.4	ug/L	22063	3	11.185	405174	25.0
Isobutyl nonyl ...	11.082	2.3	ug/L	37685	3	11.185	405174	25.0
Carbonic acid, ...	11.326	2.1	ug/L	34850	3	11.185	405174	25.0
(DEL) Alkane: S...	11.365	2.2	ug/L	36002	3	11.185	405174	25.0
1-Hexanol, 2-et...	11.500	2.0	ug/L	33039	3	11.185	405174	25.0