

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036198.D
 Acq On : 21 Jun 2024 11:50
 Operator : SY/MD
 Sample : P2960-12
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB05

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: VV036198.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	65	72	90	rVB	250640	270133	7.98%	1.480%
2	1.526	143	151	167	rVB	208082	246902	7.30%	1.353%
3	2.050	304	314	328	rBV	433332	624882	18.47%	3.425%
4	2.256	375	378	384	rVB6	937	823	0.02%	0.005%
5	2.439	423	435	458	rBV	153929	259640	7.67%	1.423%
6	2.632	490	495	497	rBV3	435	416	0.01%	0.002%
7	2.690	507	513	525	rVB5	2728	4581	0.14%	0.025%
8	2.835	556	558	565	rVB3	572	559	0.02%	0.003%
9	2.876	565	571	572	rBV3	558	526	0.02%	0.003%
10	2.899	575	578	584	rVV4	897	889	0.03%	0.005%
11	2.960	584	597	613	rVV2	20147	42112	1.24%	0.231%
12	3.031	616	619	623	rVV3	599	370	0.01%	0.002%
13	3.108	639	643	653	rVV4	2666	4035	0.12%	0.022%
14	3.198	667	671	675	rBV2	485	400	0.01%	0.002%
15	3.243	680	685	689	rBV3	413	395	0.01%	0.002%
16	3.664	810	816	818	rBV3	1200	1417	0.04%	0.008%
17	3.728	834	836	840	rVB3	611	394	0.01%	0.002%
18	3.802	844	859	910	rBV	1397534	3383470	100.00%	18.543%
19	4.240	979	995	1027	rBV	267687	696378	20.58%	3.816%
20	4.648	1118	1122	1126	rBV5	716	522	0.02%	0.003%
21	4.674	1128	1130	1133	rVB2	593	349	0.01%	0.002%
22	4.709	1139	1141	1146	rVB3	534	391	0.01%	0.002%
23	4.947	1200	1215	1257	rBV2	653061	1651211	48.80%	9.049%
24	5.294	1320	1323	1326	rBV2	830	515	0.02%	0.003%
25	5.378	1345	1349	1353	rBV4	518	473	0.01%	0.003%
26	5.529	1385	1396	1436	rBV	368681	789527	23.33%	4.327%
27	5.828	1476	1489	1517	rBV3	87587	211058	6.24%	1.157%
28	5.982	1525	1537	1571	rBV	361691	759792	22.46%	4.164%
29	6.233	1609	1615	1628	rBV6	6221	14760	0.44%	0.081%
30	6.571	1716	1720	1724	rVV5	536	423	0.01%	0.002%
31	6.674	1748	1752	1756	rVB2	548	394	0.01%	0.002%
32	6.699	1756	1760	1764	rBV4	390	354	0.01%	0.002%
33	6.744	1769	1774	1776	rBV2	446	405	0.01%	0.002%
34	6.908	1815	1825	1851	rBV	179258	345497	10.21%	1.893%
35	7.240	1916	1928	1952	rBV	748441	1312316	38.79%	7.192%
36	7.503	2007	2010	2015	rVB3	731	563	0.02%	0.003%

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Instrument :
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 ClientSampleId :
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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	7.551	2015	2025	2059	rBV	115888	226914	6.71%	1.244%
38	7.899	2115	2133	2161	rBV	1535811	2605784	77.02%	14.281%
39	8.030	2166	2174	2209	rVB	137425	289547	8.56%	1.587%
40	8.175	2210	2219	2243	rBV	125969	234091	6.92%	1.283%
41	8.490	2315	2317	2321	rVB4	651	349	0.01%	0.002%
42	8.538	2328	2332	2334	rBV3	505	406	0.01%	0.002%
43	8.680	2373	2376	2379	rVB4	584	390	0.01%	0.002%
44	8.780	2397	2407	2436	rBV	617724	1027987	30.38%	5.634%
45	8.950	2458	2460	2463	rBV4	779	389	0.01%	0.002%
46	9.005	2470	2477	2490	rBV3	5548	10683	0.32%	0.059%
47	9.423	2604	2607	2612	rBV3	429	521	0.02%	0.003%
48	9.493	2625	2629	2633	rBV3	437	449	0.01%	0.002%
49	9.571	2649	2653	2654	rBV	565	421	0.01%	0.002%
50	9.686	2686	2689	2691	rBV2	798	507	0.01%	0.003%
51	9.751	2701	2709	2728	rBV2	27587	54862	1.62%	0.301%
52	9.889	2744	2752	2760	rBV7	1107	2029	0.06%	0.011%
53	9.969	2772	2777	2778	rBV2	662	545	0.02%	0.003%
54	10.079	2805	2811	2815	rBV5	276	371	0.01%	0.002%
55	10.104	2815	2819	2822	rBV5	523	525	0.02%	0.003%
56	10.149	2822	2833	2857	rVV	295119	470501	13.91%	2.579%
57	10.323	2876	2887	2901	rVB2	25941	42979	1.27%	0.236%
58	10.403	2905	2912	2917	rVB5	560	811	0.02%	0.004%
59	10.468	2923	2932	2933	rBV4	1106	1337	0.04%	0.007%
60	10.509	2942	2945	2948	rBV3	410	343	0.01%	0.002%
61	10.709	3004	3007	3012	rVV5	447	427	0.01%	0.002%
62	10.767	3022	3025	3029	rVB3	643	502	0.01%	0.003%
63	10.812	3033	3039	3045	rBV6	1103	1557	0.05%	0.009%
64	10.863	3050	3055	3058	rBV4	819	747	0.02%	0.004%
65	11.088	3116	3125	3144	rBV3	70789	129087	3.82%	0.707%
66	11.181	3144	3154	3191	rVB	677880	1054914	31.18%	5.781%
67	11.432	3229	3232	3234	rBV2	982	578	0.02%	0.003%
68	11.487	3240	3249	3259	rBV3	20601	41945	1.24%	0.230%
69	11.558	3260	3271	3291	rVB	743062	1161332	34.32%	6.365%
70	11.722	3320	3322	3332	rVB8	3128	3721	0.11%	0.020%
71	11.834	3354	3357	3363	rBV7	1029	1011	0.03%	0.006%
72	12.059	3424	3427	3431	rBV5	601	548	0.02%	0.003%
73	12.191	3456	3468	3482	rBV2	18734	30787	0.91%	0.169%
74	12.284	3488	3497	3513	rBV2	52711	94074	2.78%	0.516%
75	12.506	3559	3566	3575	rBV7	2083	3718	0.11%	0.020%
76	12.664	3612	3615	3616	rBV3	533	335	0.01%	0.002%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0 % of largest Peak

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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

77	12.828	3658	3666	3677	rVB3	10870	15444	0.46%	0.085%
78	12.979	3707	3713	3718	rVB6	1021	1406	0.04%	0.008%
79	13.033	3727	3730	3734	rVB4	1028	786	0.02%	0.004%
80	13.053	3734	3736	3739	rBV3	625	431	0.01%	0.002%
81	13.082	3739	3745	3747	rBV5	1135	1232	0.04%	0.007%
82	13.204	3776	3783	3784	rBV6	2852	2697	0.08%	0.015%
83	13.339	3822	3825	3829	rBV5	598	353	0.01%	0.002%
84	13.390	3831	3841	3846	rBV10	2352	4477	0.13%	0.025%
85	13.455	3854	3861	3871	rVB5	3642	6836	0.20%	0.037%
86	13.525	3879	3883	3889	rBV5	1832	2263	0.07%	0.012%
87	13.683	3926	3932	3941	rVB9	5956	9297	0.27%	0.051%
88	13.760	3951	3956	3957	rBV5	841	799	0.02%	0.004%
89	13.841	3968	3981	3990	rBV2	10259	15707	0.46%	0.086%
90	13.982	4012	4025	4037	rBV	16500	28500	0.84%	0.156%
91	14.069	4050	4052	4054	rBV2	829	514	0.02%	0.003%
92	14.120	4064	4068	4074	rVB6	2378	2732	0.08%	0.015%
93	14.532	4190	4196	4202	rBV8	1310	1975	0.06%	0.011%
94	14.583	4208	4212	4214	rBV2	1355	1016	0.03%	0.006%
95	14.705	4245	4250	4251	rBV3	1113	850	0.03%	0.005%
96	14.757	4260	4266	4268	rBV4	2141	2078	0.06%	0.011%
97	14.879	4301	4304	4305	rBV3	720	367	0.01%	0.002%
98	15.287	4428	4431	4435	rBV3	1114	1035	0.03%	0.006%
99	15.580	4509	4522	4533	rBV3	10560	20161	0.60%	0.110%
100	15.908	4622	4624	4627	rBV4	1113	774	0.02%	0.004%

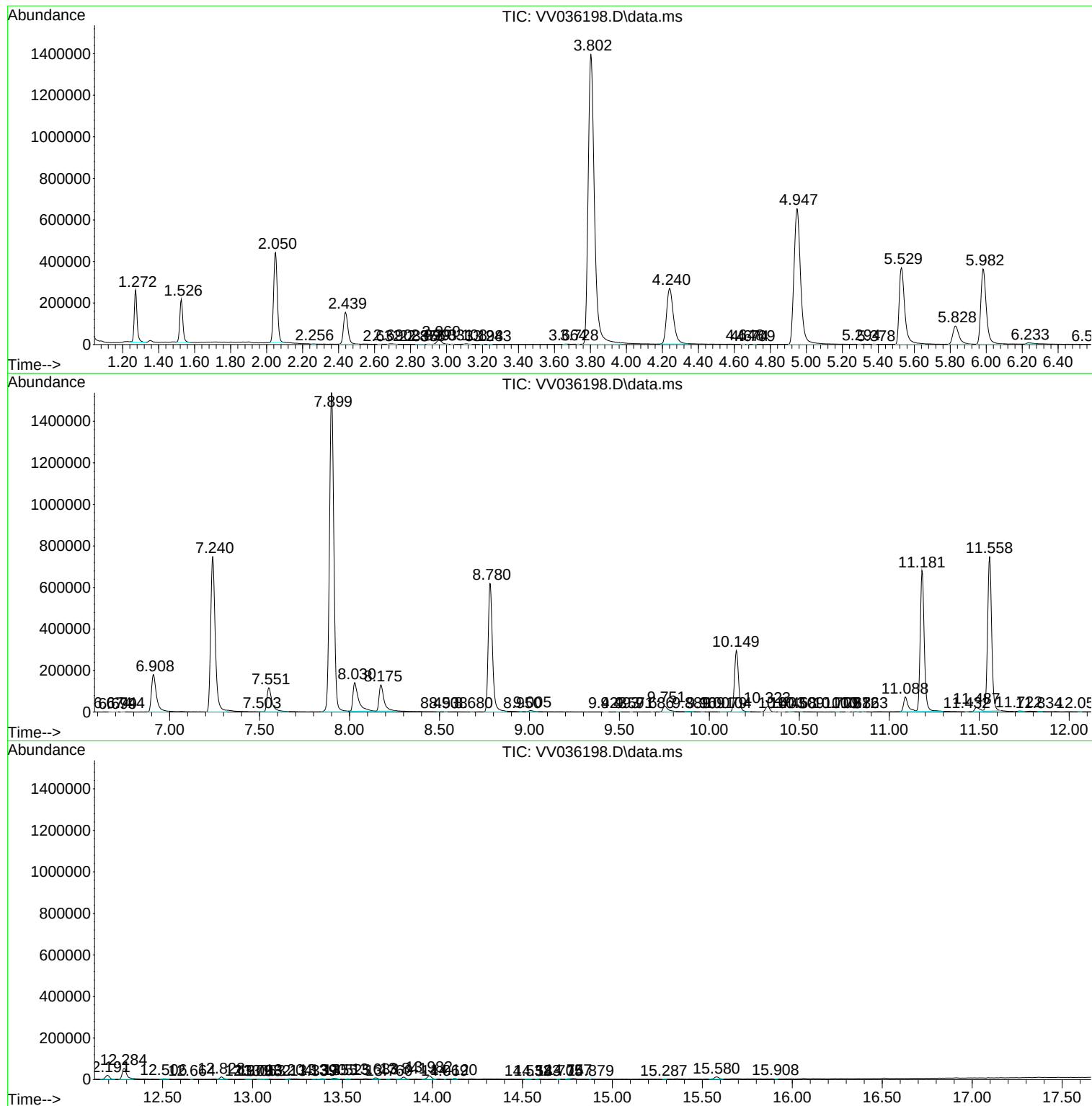
Sum of corrected areas: 18246626

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

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\VV062124\
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Acq On : 21 Jun 2024 11:50
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

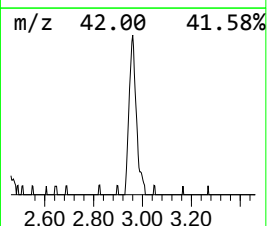
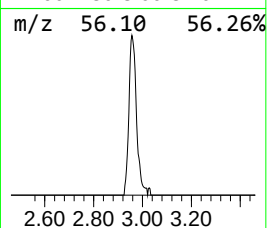
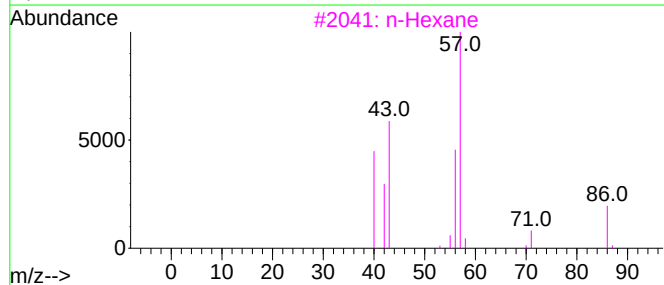
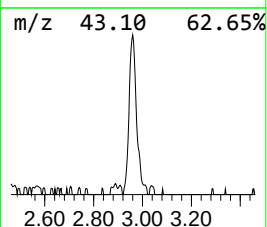
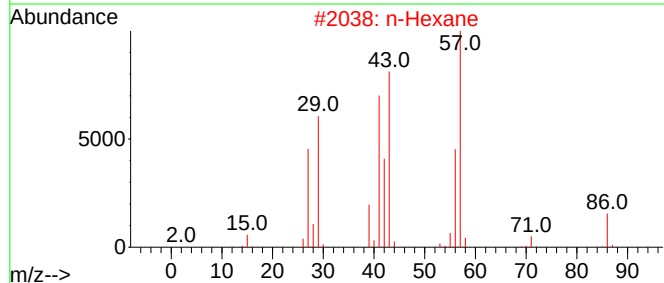
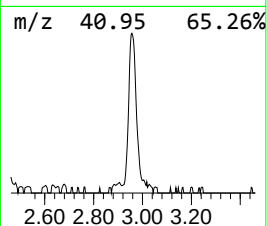
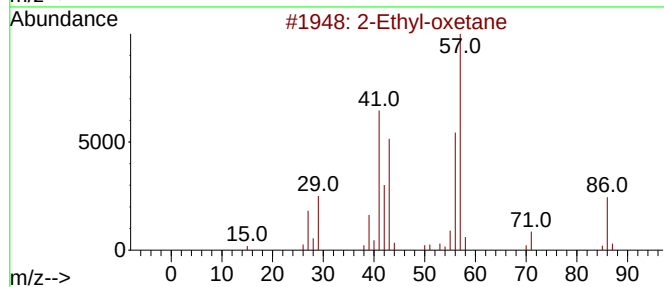
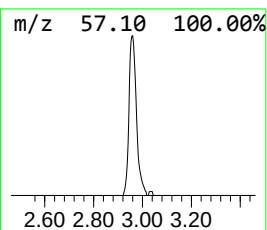
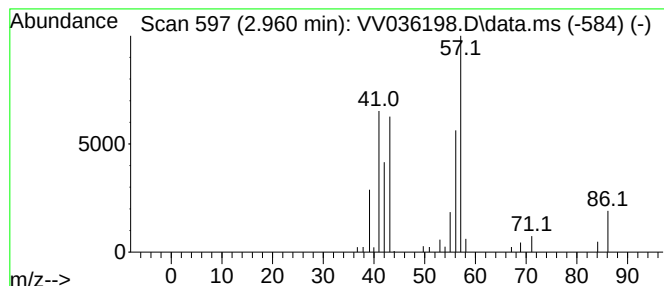
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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.
2.960	1.33 ug/L	42112	1,4-Difluorobenzene	5.529

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	72
3	n-Hexane			86	C6H14	000110-54-3	64
4	n-Hexane			86	C6H14	000110-54-3	64
5	n-Hexane			86	C6H14	000110-54-3	56



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

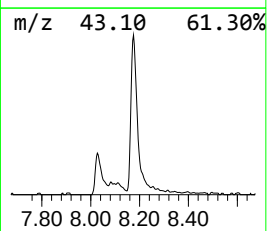
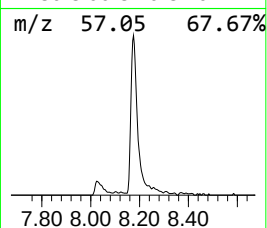
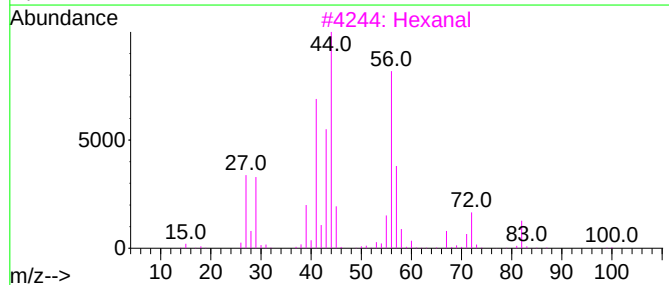
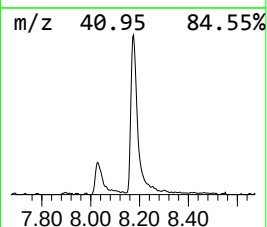
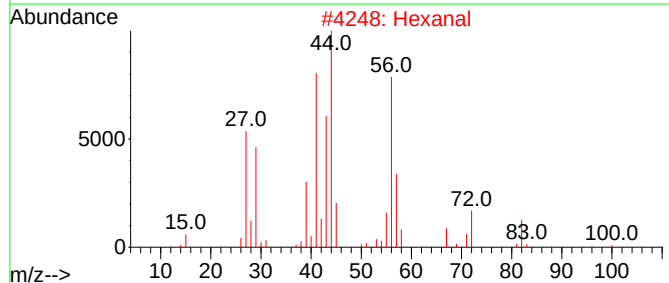
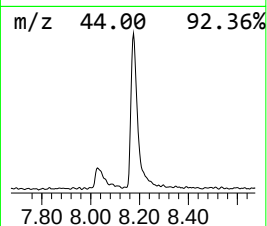
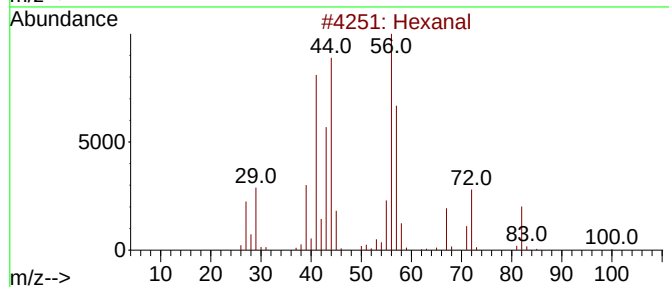
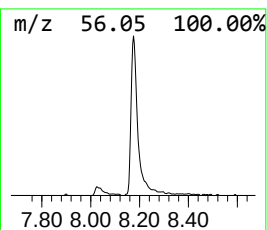
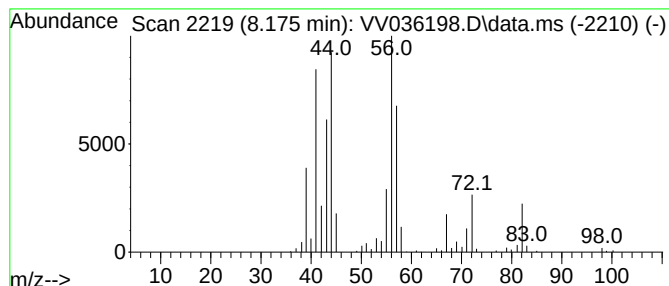
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	5.69 ug/L	234091	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	81
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	68



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

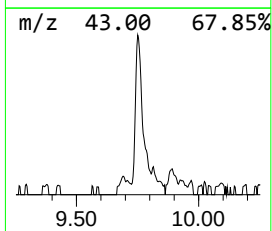
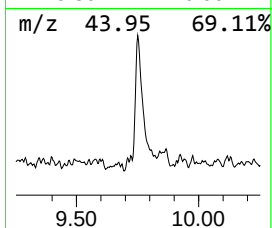
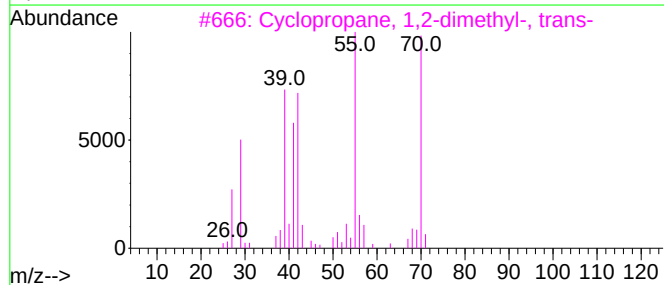
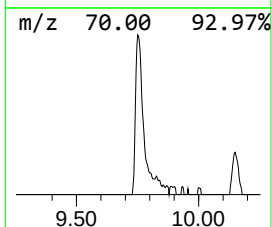
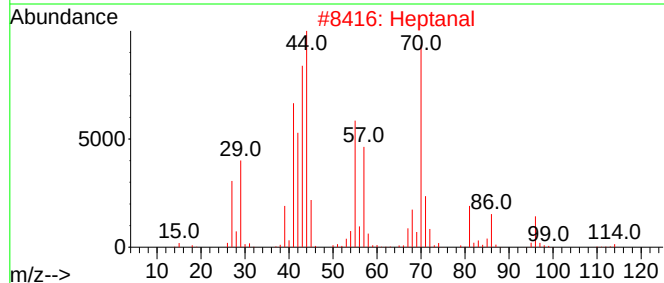
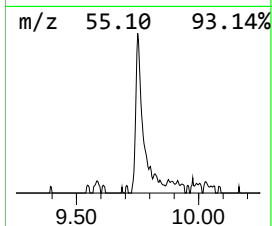
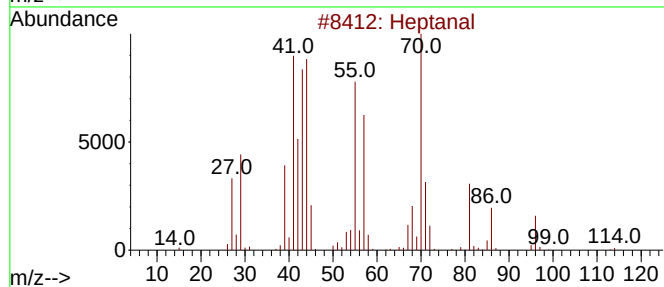
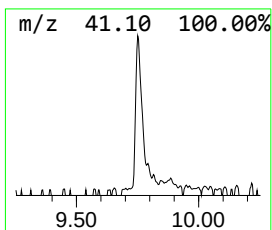
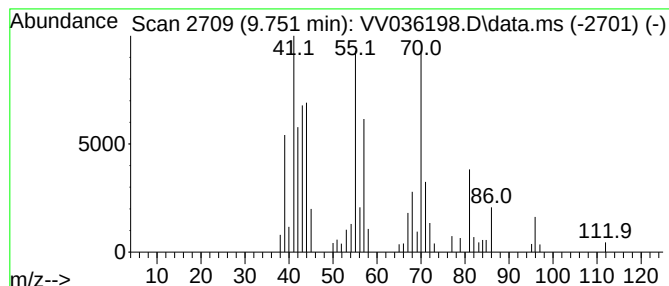
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	1.33 ug/L	54862	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	64
2			Heptanal	114	C7H14O	000111-71-7	59
3			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	46
4			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	43
5			Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036198.D
Acq On : 21 Jun 2024 11:50
Operator : SY/MD
Sample : P2960-12
Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

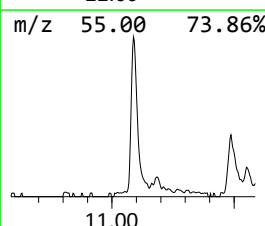
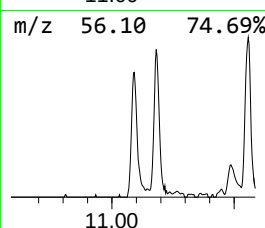
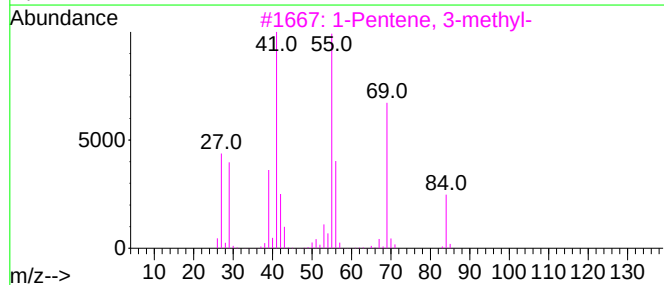
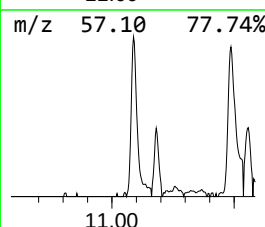
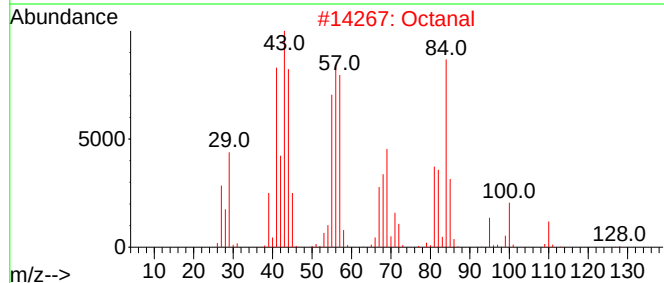
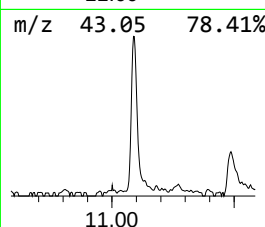
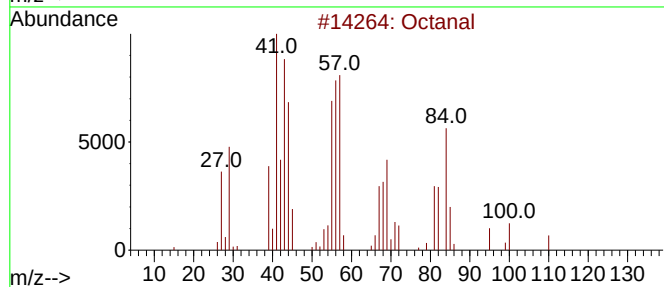
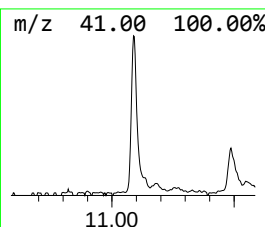
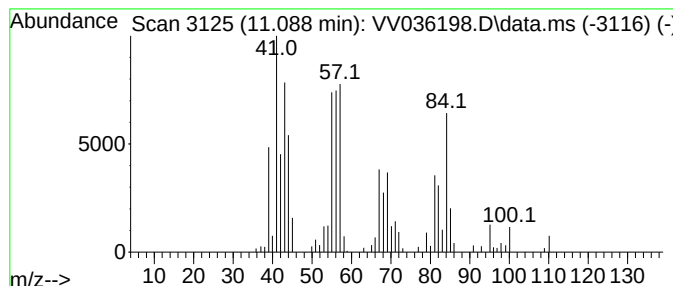
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Quant Title : VOC Analysis

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

Peak Number 5 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	3.06 ug/L	129087	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	87
2	Octanal			128	C8H16O	000124-13-0	53
3	1-Pentene, 3-methyl-			84	C6H12	000760-20-3	43
4	2(3H)-Furanone, dihydro-3-methyl-			100	C5H8O2	001679-47-6	27
5	Cyclopropane, 1-ethyl-2-methyl-,...			84	C6H12	019781-68-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036198.D
Acq On : 21 Jun 2024 11:50
Operator : SY/MD
Sample : P2960-12
Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

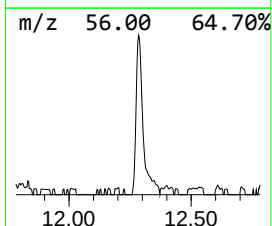
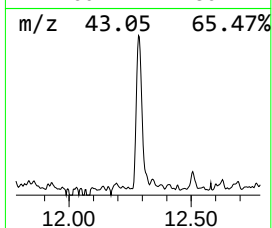
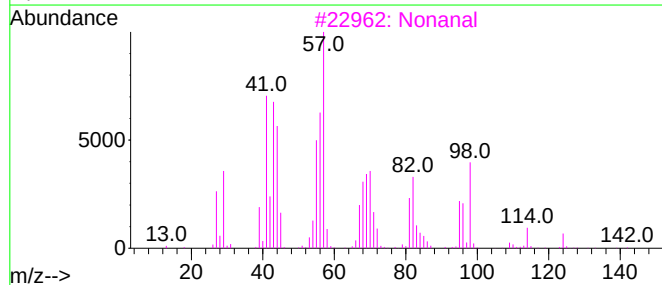
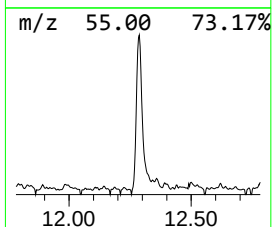
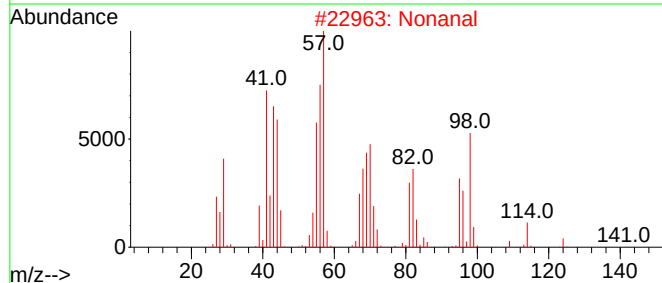
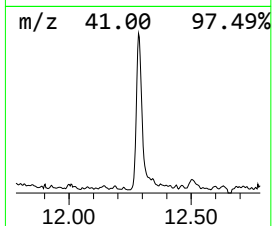
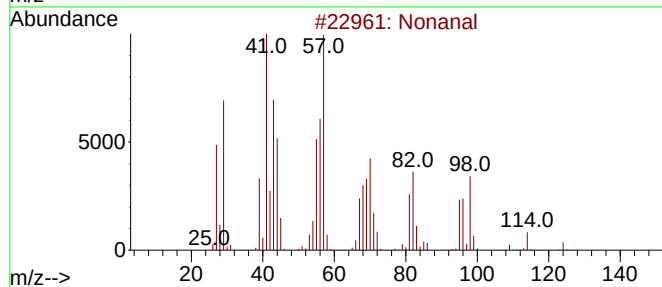
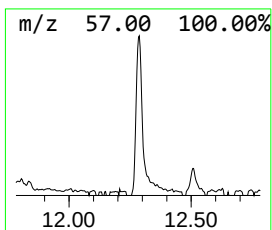
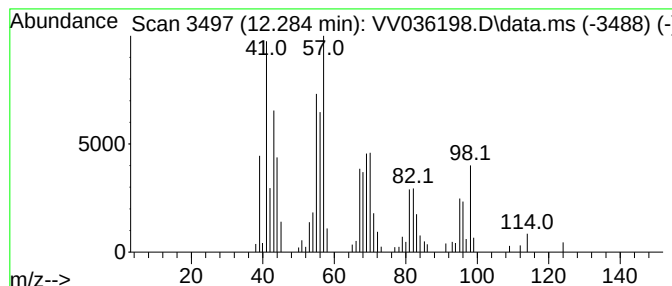
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Quant Title : VOC Analysis

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

Peak Number 6 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	2.23 ug/L	94074	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	87
2			Nonanal	142	C9H18O	000124-19-6	83
3			Nonanal	142	C9H18O	000124-19-6	72
4			Cycloheptane	98	C7H14	000291-64-5	30
5			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036198.D
Acq On : 21 Jun 2024 11:50
Operator : SY/MD
Sample : P2960-12
Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB05

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
2-Ethyl-oxetane	2.960	1.3	ug/L	42112	1	5.529	789527	25.0
Hexanal	8.175	5.7	ug/L	234091	2	8.783	1027990	25.0
Heptanal	9.751	1.3	ug/L	54862	2	8.783	1027990	25.0
Octanal	11.088	3.1	ug/L	129087	3	11.185	1054910	25.0
Nonanal	12.284	2.2	ug/L	94074	3	11.185	1054910	25.0