

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
 Data File : VU033681.D
 Acq On : 09 Aug 2019 08:45
 Operator : JC/SP
 Sample : K4215-08ME 20X
 Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOB9ME

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.177	23	27	35	rVB2	2925	2720	0.11%	0.014%
2	1.392	86	94	107	rBV	226253	253933	10.35%	1.308%
3	1.666	172	179	199	rVB	175208	227227	9.26%	1.170%
4	2.257	353	363	376	rVB	340219	514271	20.96%	2.648%
5	2.457	421	425	429	rBV3	451	430	0.02%	0.002%
6	2.614	468	474	476	rBV4	608	492	0.02%	0.003%
7	2.646	478	484	487	rBV4	396	481	0.02%	0.002%
8	2.685	487	496	507	rBV2	5392	9281	0.38%	0.048%
9	2.756	514	518	520	rBV2	458	320	0.01%	0.002%
10	2.772	520	523	526	rVB3	479	320	0.01%	0.002%
11	2.826	534	540	544	rVB3	825	990	0.04%	0.005%
12	2.855	545	549	553	rBV2	245	282	0.01%	0.001%
13	2.887	557	559	567	rVB2	272	262	0.01%	0.001%
14	2.968	576	584	592	rBV6	2485	4037	0.16%	0.021%
15	3.048	605	609	614	rVB	316	370	0.02%	0.002%
16	3.122	629	632	636	rBV2	322	305	0.01%	0.002%
17	3.238	663	668	671	rBV2	341	304	0.01%	0.002%
18	3.289	678	684	687	rBV3	690	848	0.03%	0.004%
19	3.418	721	724	730	rVB2	295	333	0.01%	0.002%
20	3.453	730	735	739	rBV	294	352	0.01%	0.002%
21	3.611	780	784	786	rBV	278	261	0.01%	0.001%
22	3.653	791	797	798	rBV2	384	337	0.01%	0.002%
23	3.990	893	902	905	rBV2	1129	1568	0.06%	0.008%
24	4.055	918	922	924	rVB2	475	275	0.01%	0.001%
25	4.071	924	927	931	rBV4	281	269	0.01%	0.001%
26	4.196	938	966	1000	rBV2	860666	2453799	100.00%	12.635%
27	4.620	1082	1098	1129	rBV	228989	556119	22.66%	2.864%
28	4.961	1202	1204	1206	rBV2	589	377	0.02%	0.002%
29	5.010	1216	1219	1226	rBV2	257	275	0.01%	0.001%
30	5.109	1243	1250	1253	rBV	397	459	0.02%	0.002%
31	5.173	1266	1270	1273	rBV	393	330	0.01%	0.002%
32	5.199	1273	1278	1281	rBV3	711	772	0.03%	0.004%
33	5.318	1290	1315	1342	rBV2	489514	1430763	58.31%	7.367%
34	5.643	1414	1416	1419	rBV	439	290	0.01%	0.001%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Title : VOC Analysis

35	5.720	1437	1440	1443	rVB2	363	255	0.01%	0.001%
36	5.755	1449	1451	1453	rBV2	494	258	0.01%	0.001%
37	5.778	1455	1458	1461	rVB2	617	400	0.02%	0.002%
38	5.865	1468	1485	1508	rBV	407637	805102	32.81%	4.146%
39	6.106	1556	1560	1566	rBV5	636	660	0.03%	0.003%
40	6.164	1566	1578	1594	rVB7	8974	20575	0.84%	0.106%
41	6.308	1607	1623	1647	rBV	321237	646026	26.33%	3.327%
42	6.530	1690	1692	1697	rVB2	510	359	0.01%	0.002%
43	6.717	1748	1750	1757	rVB3	323	252	0.01%	0.001%
44	6.878	1792	1800	1802	rVV5	620	815	0.03%	0.004%
45	6.900	1805	1807	1813	rVB3	551	446	0.02%	0.002%
46	7.038	1843	1850	1853	rBV5	515	562	0.02%	0.003%
47	7.077	1859	1862	1865	rBV4	873	711	0.03%	0.004%
48	7.128	1871	1878	1880	rBV4	422	486	0.02%	0.003%
49	7.157	1880	1887	1891	rVV5	3060	3649	0.15%	0.019%
50	7.209	1892	1903	1925	rVB	169646	301078	12.27%	1.550%
51	7.321	1933	1938	1946	rVB5	2927	3980	0.16%	0.020%
52	7.437	1969	1974	1977	rBV4	357	321	0.01%	0.002%
53	7.460	1979	1981	1984	rBV	460	298	0.01%	0.002%
54	7.546	1988	2008	2023	rBV	663613	1153748	47.02%	5.941%
55	7.833	2080	2097	2110	rBV	119285	218192	8.89%	1.124%
56	8.032	2151	2159	2168	rVB7	2359	3909	0.16%	0.020%
57	8.067	2168	2170	2173	rBV4	717	325	0.01%	0.002%
58	8.083	2173	2175	2179	rBV4	602	444	0.02%	0.002%
59	8.144	2186	2194	2196	rBV5	873	1117	0.05%	0.006%
60	8.212	2207	2215	2222	rVB6	4071	5605	0.23%	0.029%
61	8.296	2229	2241	2274	rBV	476539	853600	34.79%	4.395%
62	8.527	2303	2313	2323	rVB2	19566	32619	1.33%	0.168%
63	8.588	2323	2332	2342	rBV3	16176	27090	1.10%	0.139%
64	8.707	2365	2369	2370	rBV4	499	300	0.01%	0.002%
65	8.739	2370	2379	2389	rBV6	5124	8249	0.34%	0.042%
66	8.797	2389	2397	2401	rBV3	6111	9602	0.39%	0.049%
67	8.894	2419	2427	2443	rVB3	24699	42030	1.71%	0.216%
68	8.955	2443	2446	2453	rVB3	907	997	0.04%	0.005%
69	9.016	2453	2465	2472	rBV2	28107	48343	1.97%	0.249%
70	9.070	2472	2482	2501	rVB	613326	1001907	40.83%	5.159%
71	9.231	2521	2532	2543	rBV3	34447	64011	2.61%	0.330%

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Instrument :
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ClientSampleId :
ETOB9ME

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
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Max Peaks: 100
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72	9.296	2545	2552	2556	rBV3	13761	19655	0.80%	0.101%
73	9.427	2585	2593	2619	rVB2	332716	537217	21.89%	2.766%
74	9.550	2619	2631	2642	rBV4	16797	31240	1.27%	0.161%
75	9.636	2650	2658	2662	rBV7	5110	8350	0.34%	0.043%
76	9.701	2665	2678	2688	rBV2	126046	257650	10.50%	1.327%
77	9.935	2733	2751	2760	rBV4	178401	363408	14.81%	1.871%
78	10.029	2772	2780	2789	rBV5	153210	275633	11.23%	1.419%
79	10.138	2808	2814	2826	rVB5	38165	68099	2.78%	0.351%
80	10.205	2828	2835	2839	rBV5	25477	38152	1.55%	0.196%
81	10.414	2890	2900	2913	rBV2	487155	959515	39.10%	4.941%
82	10.736	2993	3000	3010	rBV3	105717	206652	8.42%	1.064%
83	10.797	3011	3019	3033	rVB	752755	1068391	43.54%	5.501%
84	11.099	3105	3113	3119	rBV	194036	289762	11.81%	1.492%
85	11.254	3156	3161	3168	rBV2	36802	57792	2.36%	0.298%
86	11.379	3193	3200	3209	rBV4	130950	194166	7.91%	1.000%
87	11.466	3218	3227	3237	rBV	688966	1040776	42.41%	5.359%
88	11.556	3249	3255	3260	rBV	92616	113308	4.62%	0.583%
89	11.594	3261	3267	3278	rVB	115298	164716	6.71%	0.848%
90	11.684	3290	3295	3310	rVB	109103	155435	6.33%	0.800%
91	11.842	3335	3344	3363	rVB	807600	1369623	55.82%	7.052%
92	12.009	3388	3396	3405	rBV	727755	989079	40.31%	5.093%
93	12.598	3570	3579	3585	rBV3	80896	135024	5.50%	0.695%
94	12.691	3602	3608	3616	rBV5	34289	64675	2.64%	0.333%
95	13.112	3732	3739	3755	rVB3	60666	100586	4.10%	0.518%
96	13.273	3783	3789	3811	rVB10	23775	52053	2.12%	0.268%
97	14.880	4282	4289	4300	rVB4	17963	32415	1.32%	0.167%
98	15.652	4525	4529	4537	rVB5	11830	14530	0.59%	0.075%
99	15.906	4600	4608	4625	rVB2	22747	46480	1.89%	0.239%
100	16.051	4646	4653	4659	rBV2	29927	44394	1.81%	0.229%

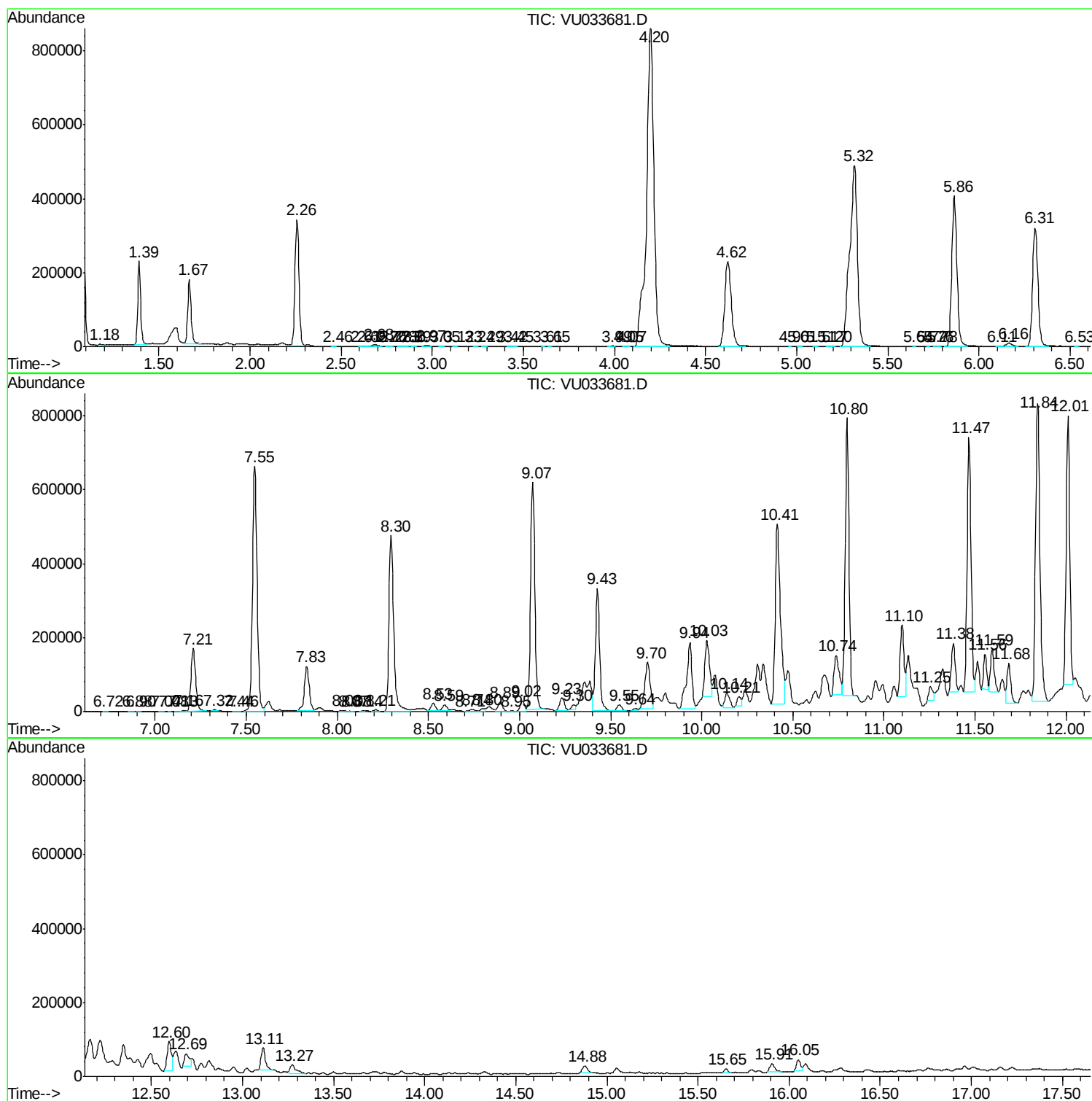
Sum of corrected areas: 19420549

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ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
ETOB9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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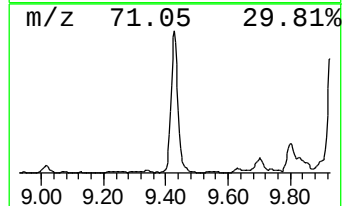
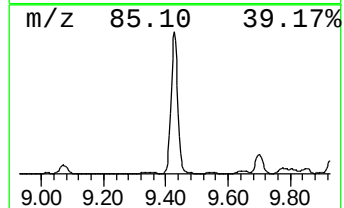
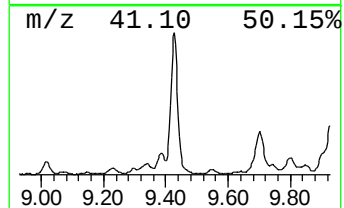
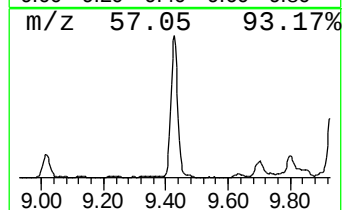
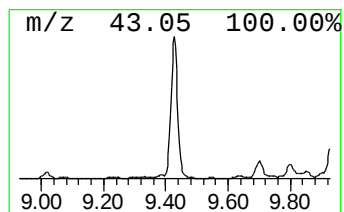
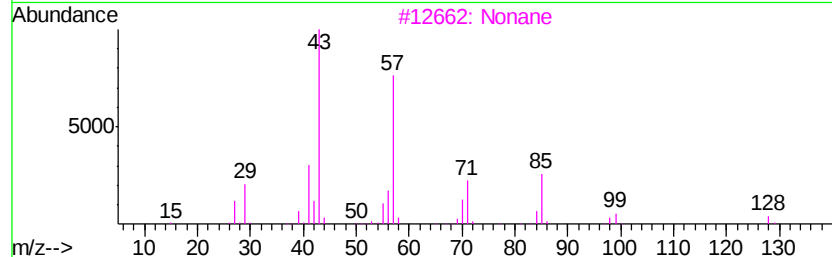
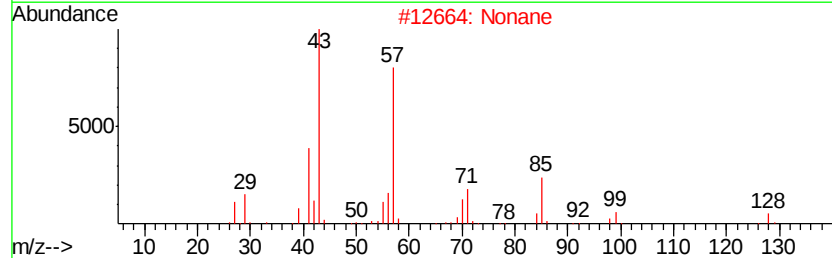
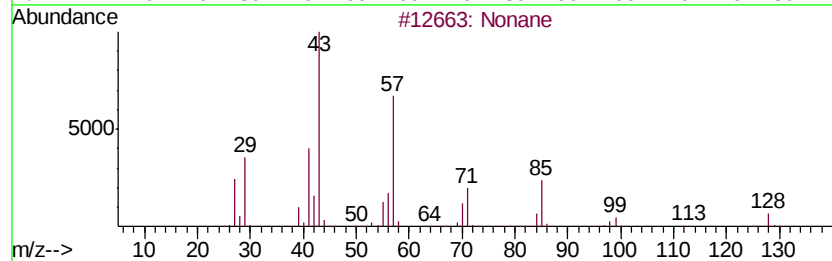
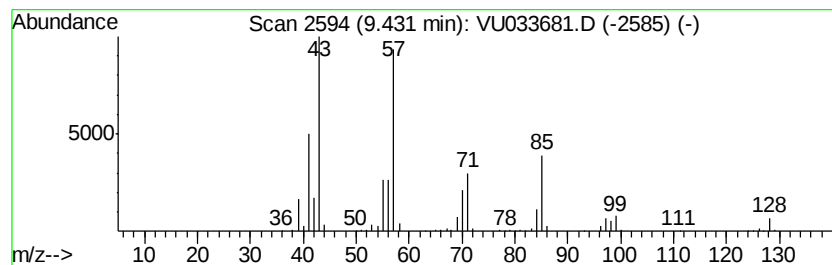
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	26.81 ug/L	537217	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	95
2		Nonane	128	C9H20	000111-84-2	91
3		Nonane	128	C9H20	000111-84-2	91
4		Hexadecane	226	C16H34	000544-76-3	64
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



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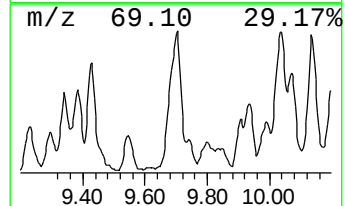
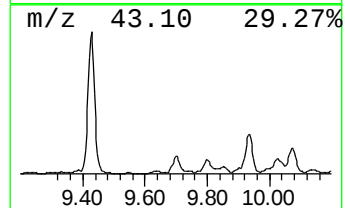
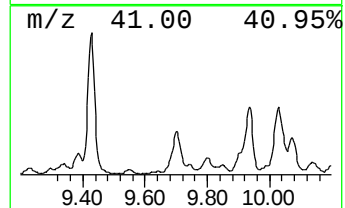
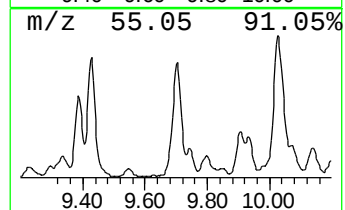
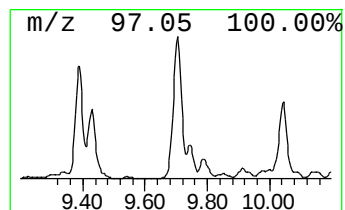
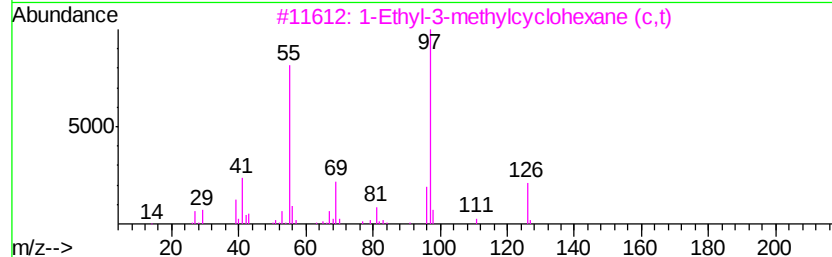
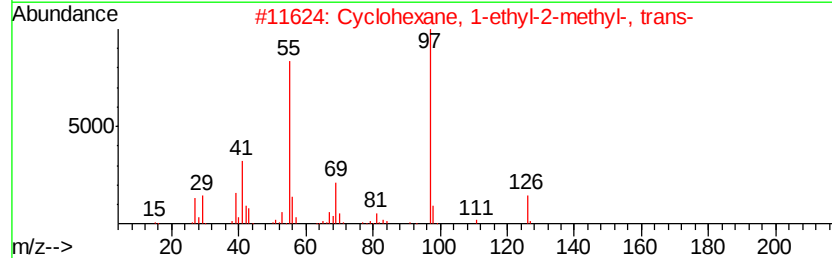
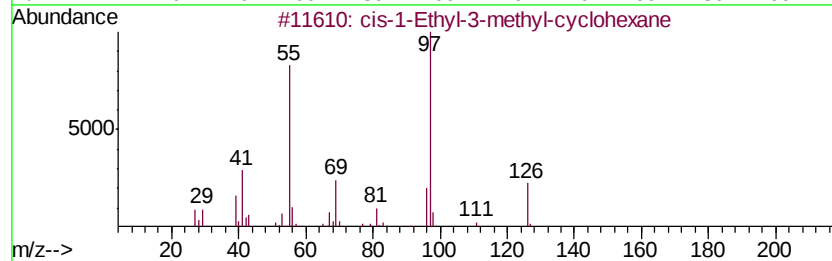
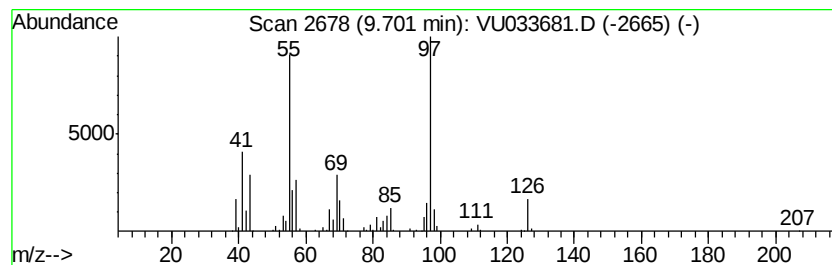
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.70 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	12.86 ug/L	257650	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	81
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	74
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74



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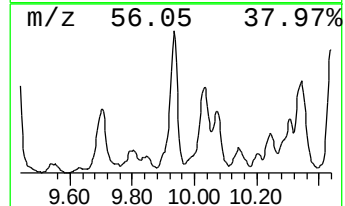
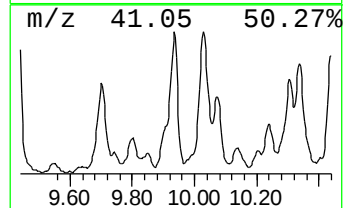
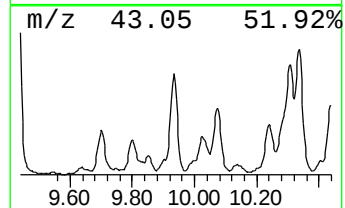
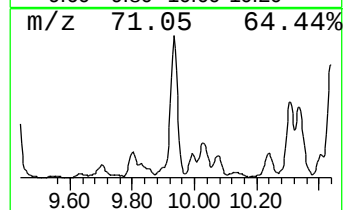
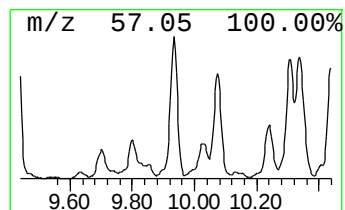
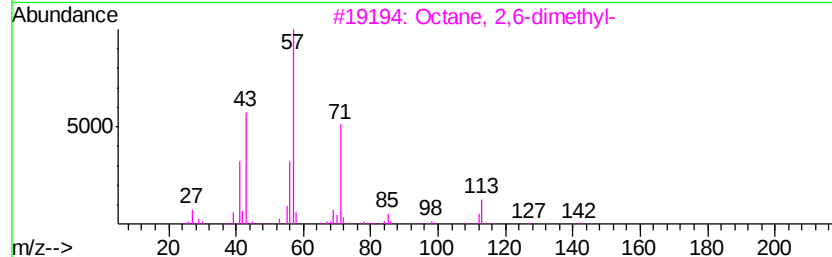
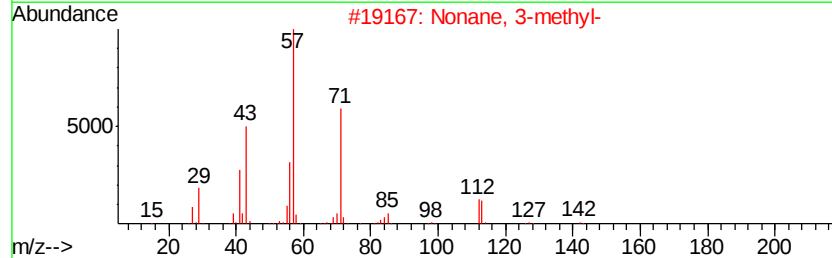
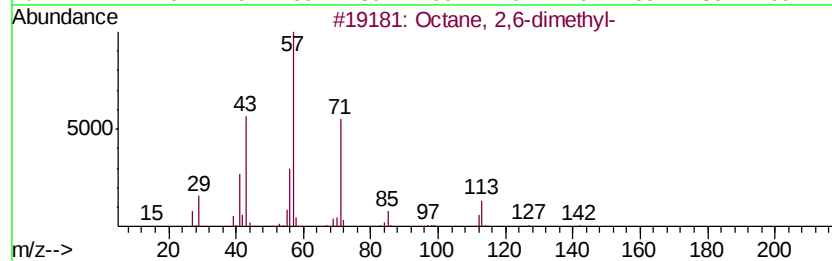
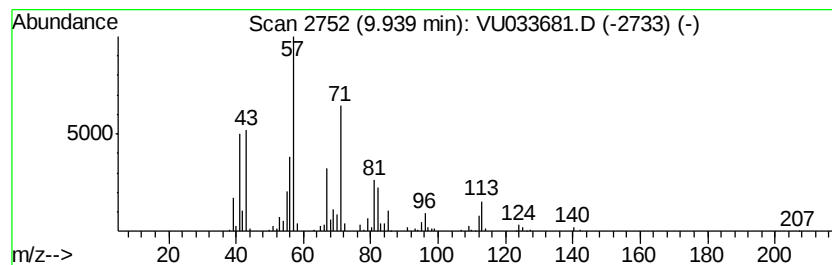
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	18.14 ug/L	363408	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

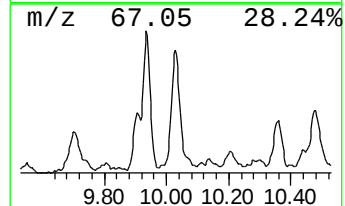
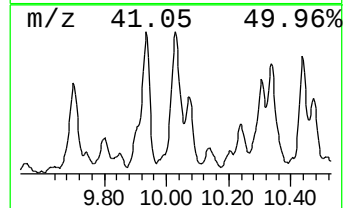
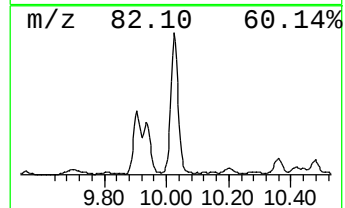
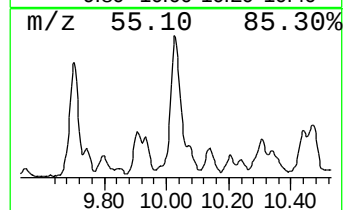
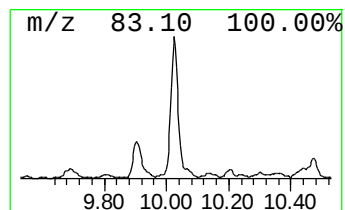
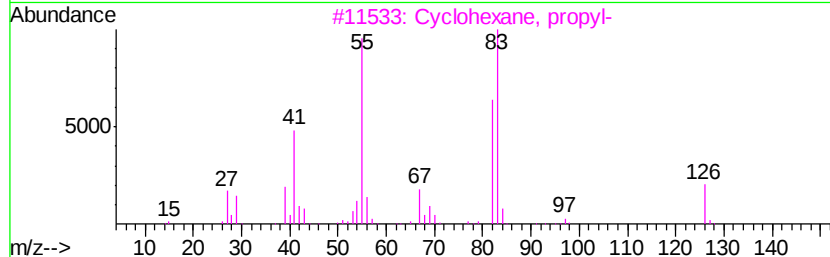
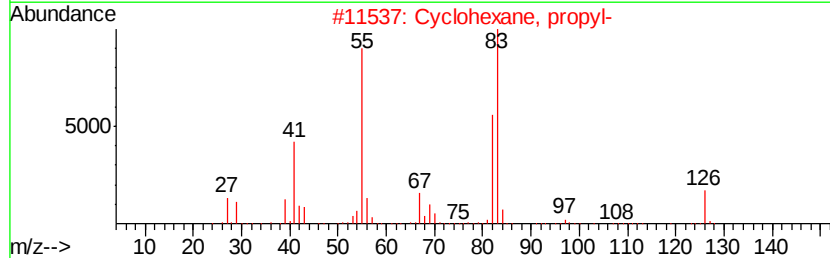
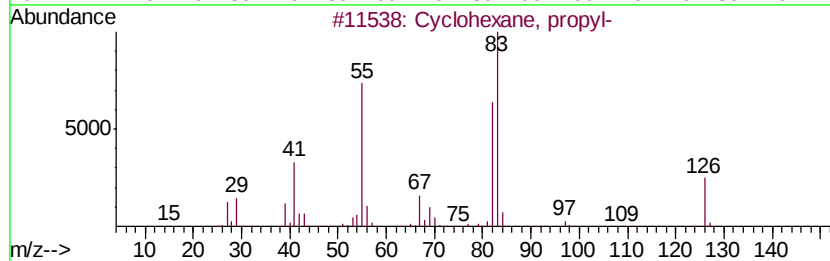
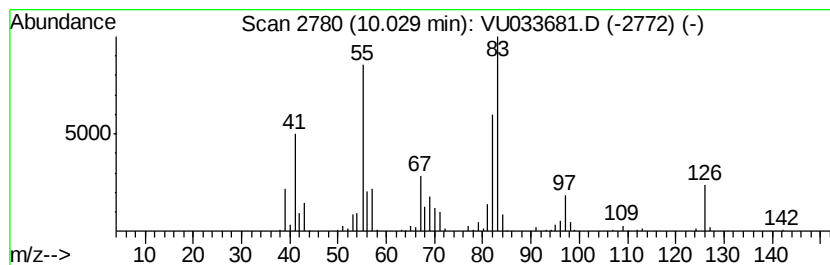
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic10.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	13.76 ug/L	275633	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

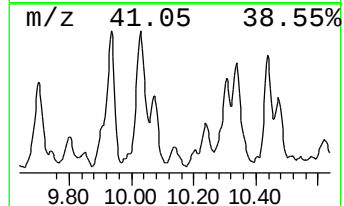
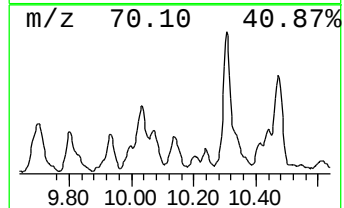
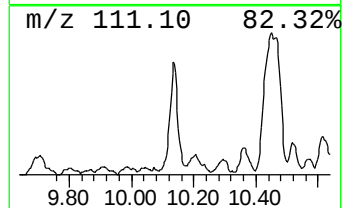
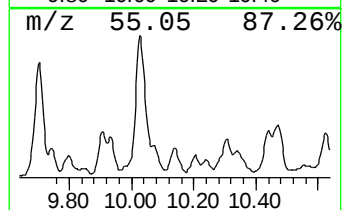
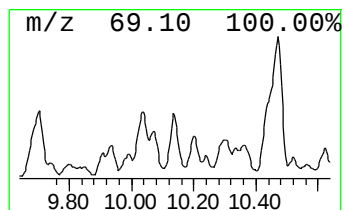
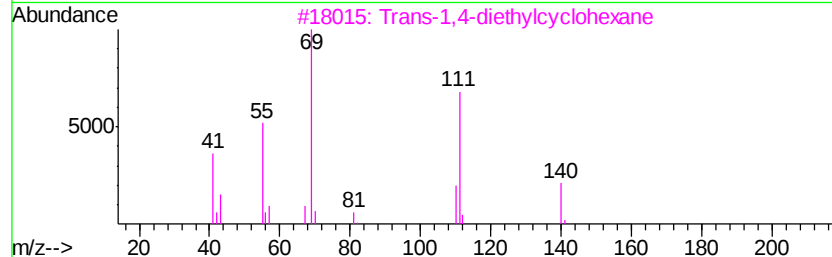
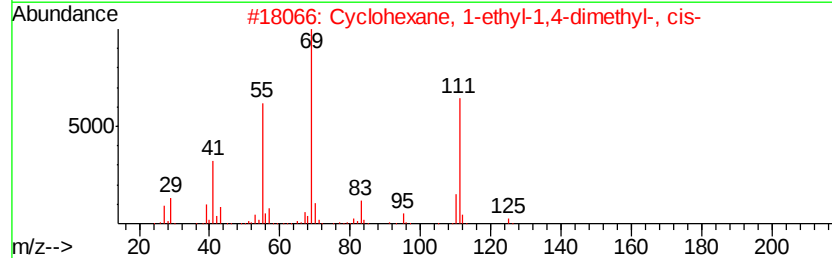
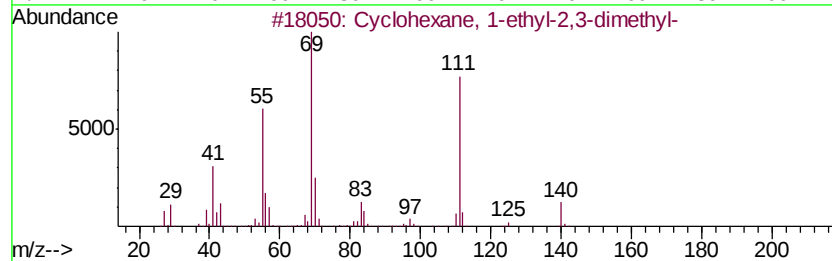
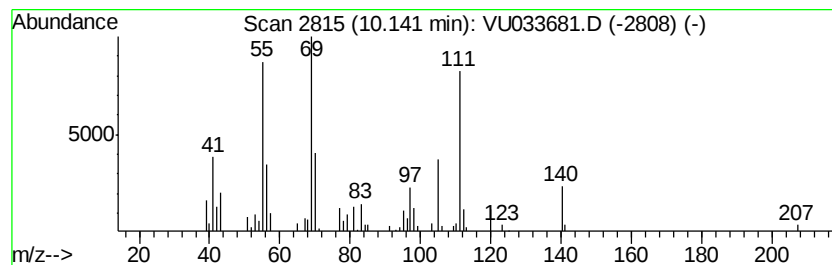
Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic10.14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.14	3.40 ug/L	68099	Chlorobenzene-d5	9.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
2	Cyclohexane, 1-ethyl-1,4-dimethyl-	140	C10H20	062238-30-6	58
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	52
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5	5-Decene, (E)-	140	C10H20	007433-56-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

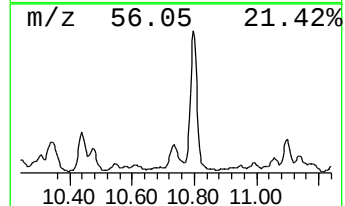
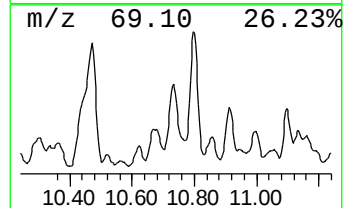
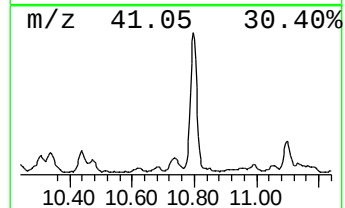
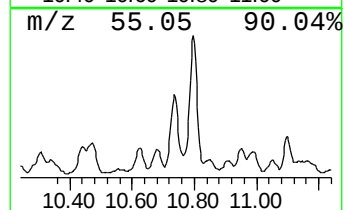
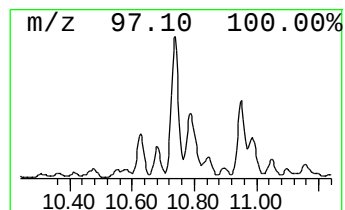
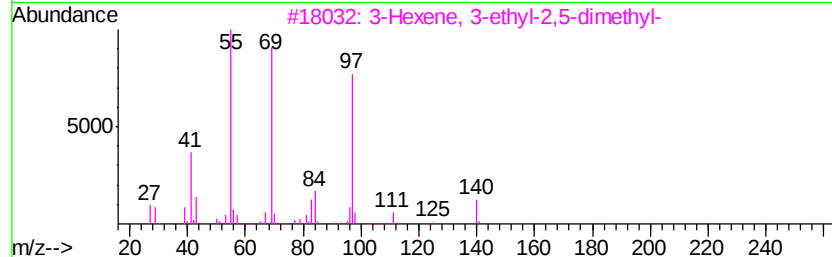
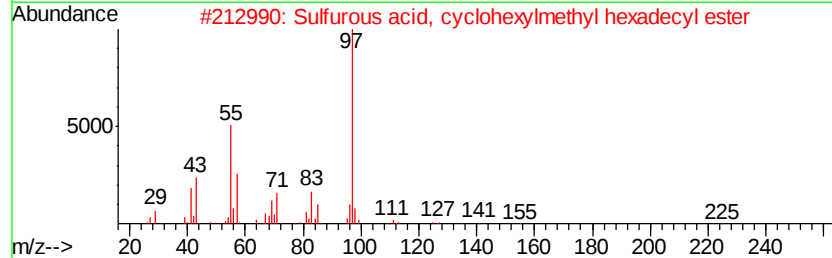
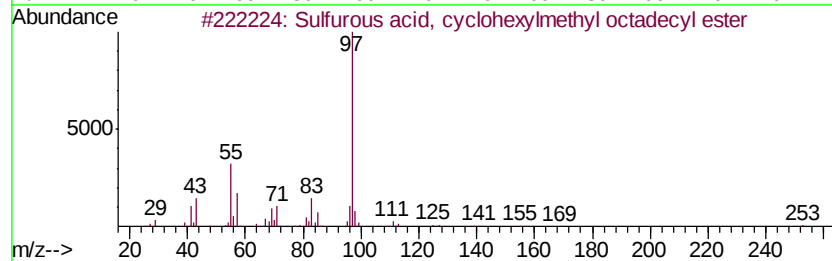
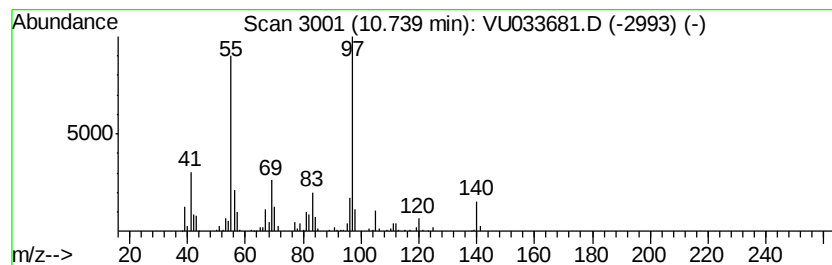
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	9.93 ug/L	206652	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	80
2		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
3		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	68
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
5		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

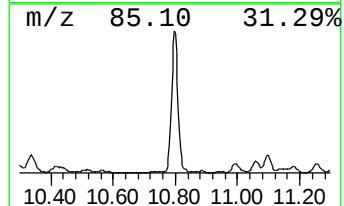
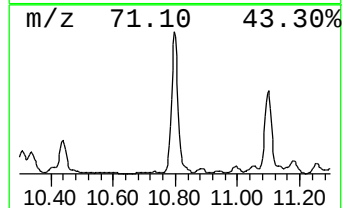
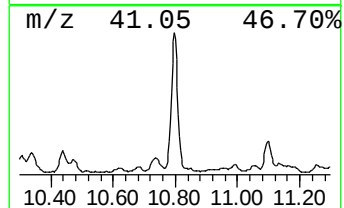
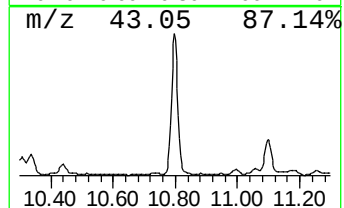
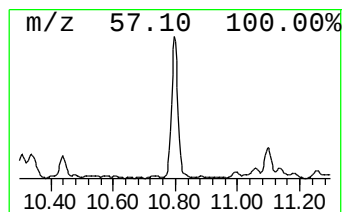
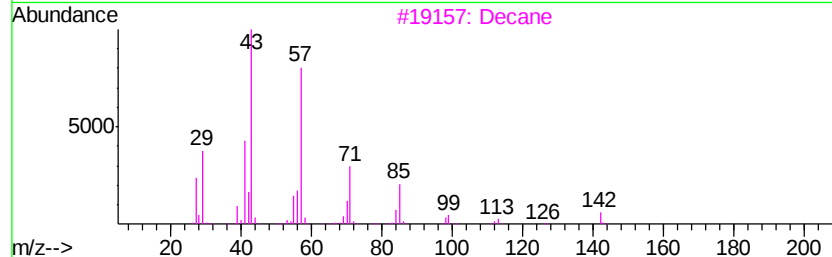
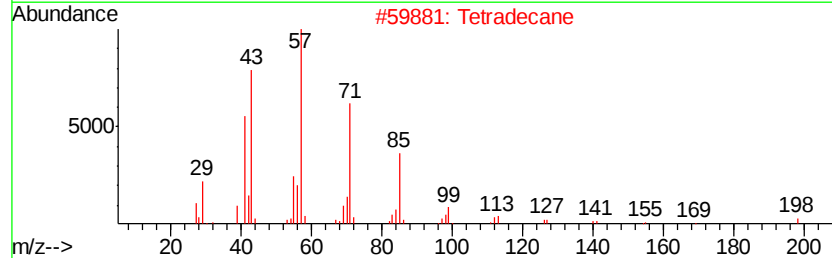
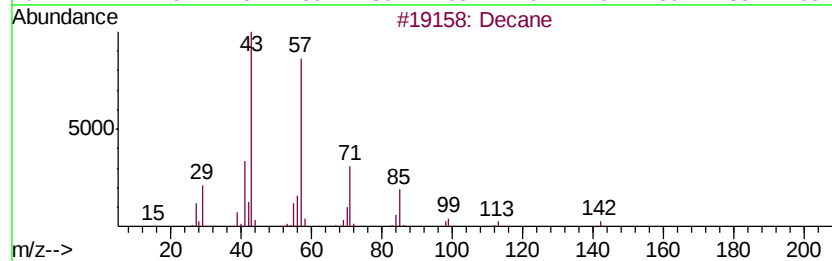
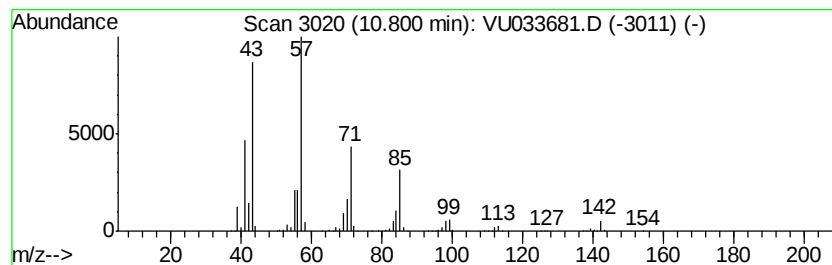
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	51.33 ug/L	1068390	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	91
2		Tetradecane	198	C14H30	000629-59-4	86
3		Decane	142	C10H22	000124-18-5	81
4		Decane	142	C10H22	000124-18-5	74
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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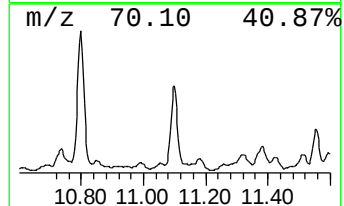
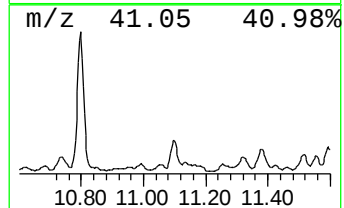
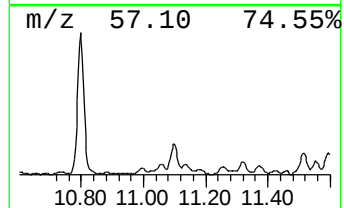
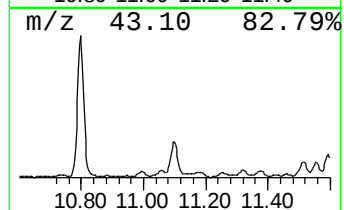
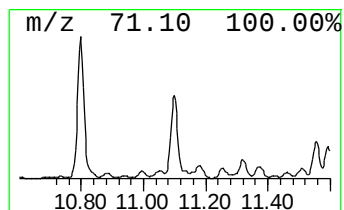
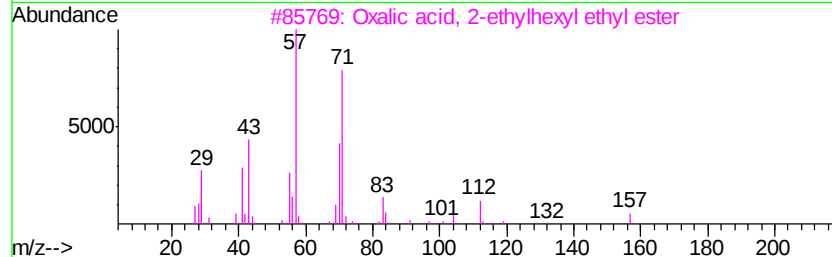
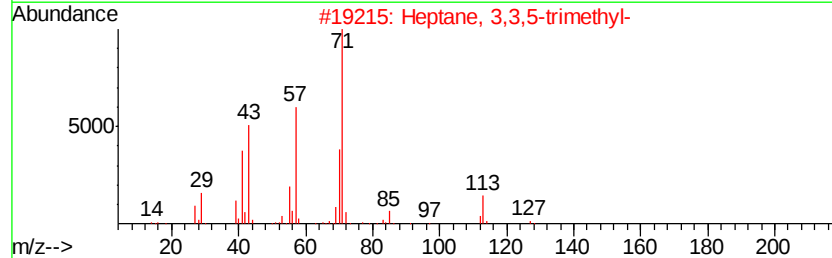
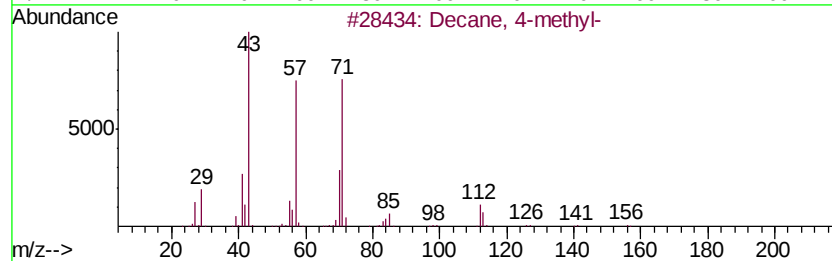
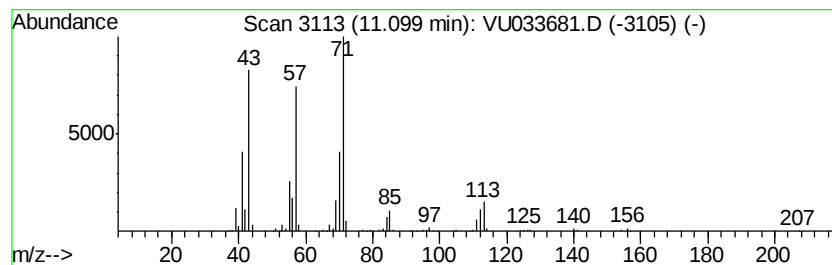
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	13.92 ug/L	289762	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
4		Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	72
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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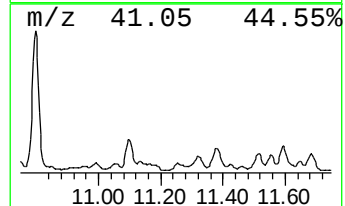
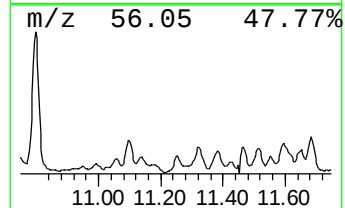
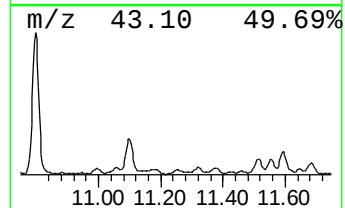
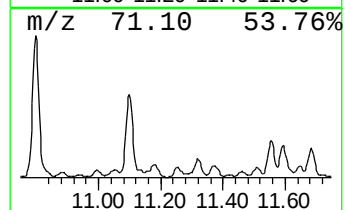
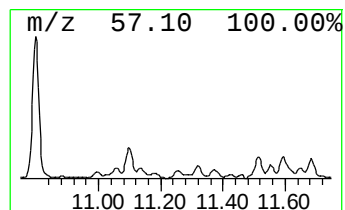
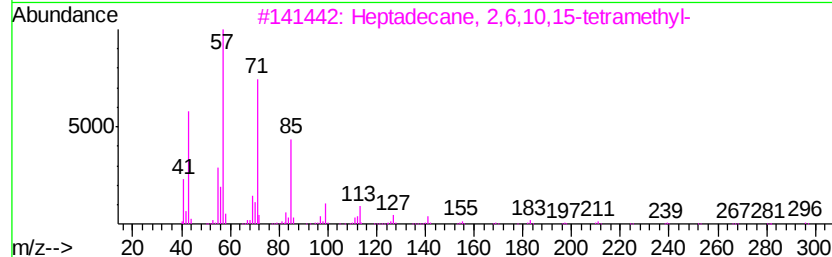
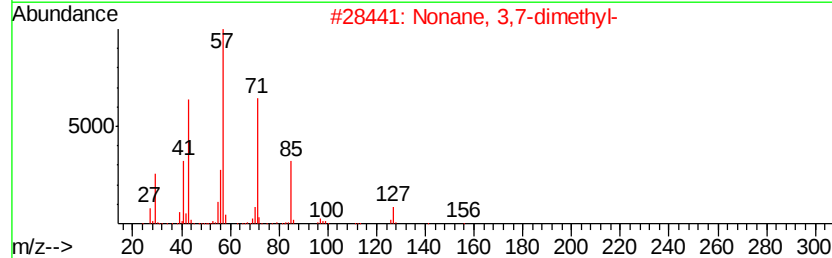
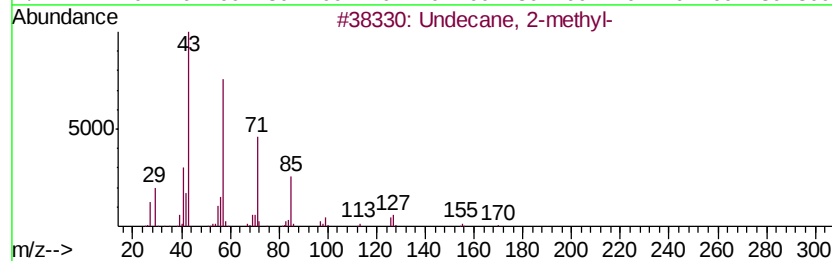
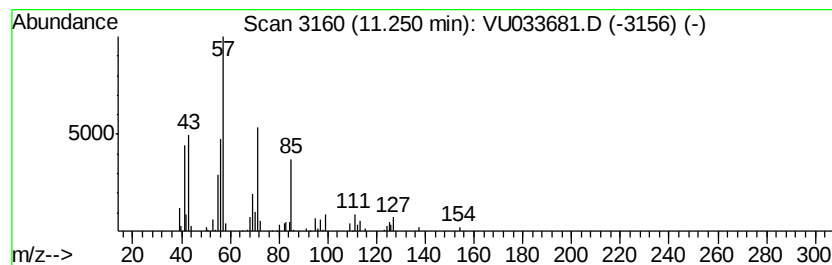
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.78 ug/L	57792	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5		Decane, 2-methyl-	156	C11H24	006975-98-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

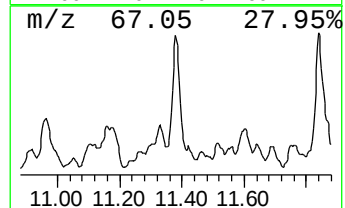
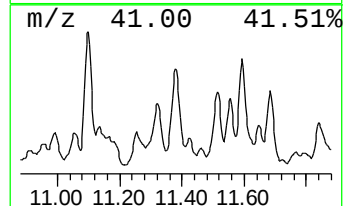
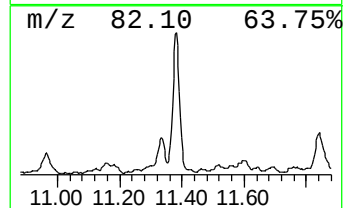
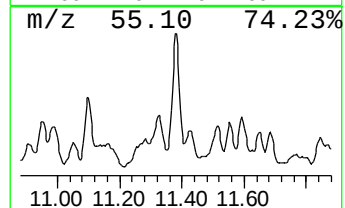
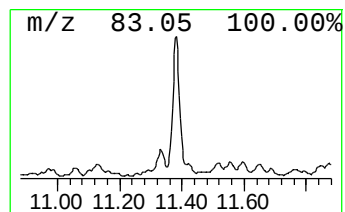
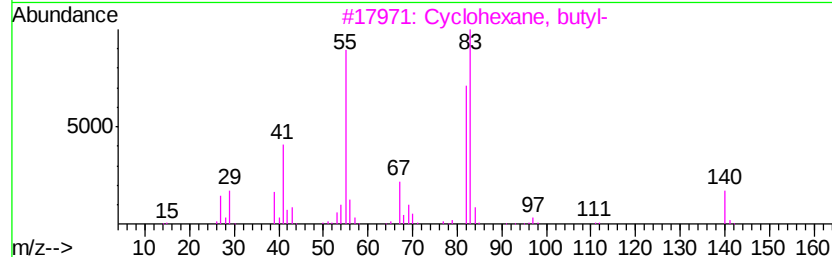
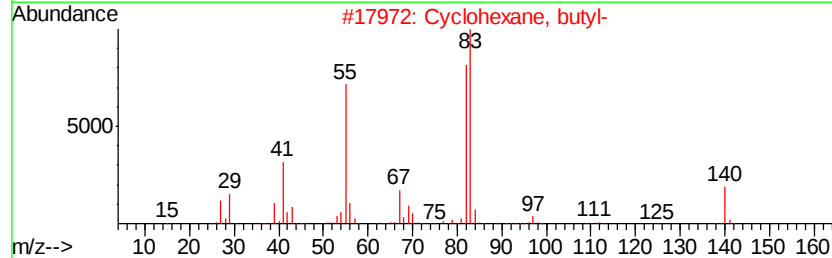
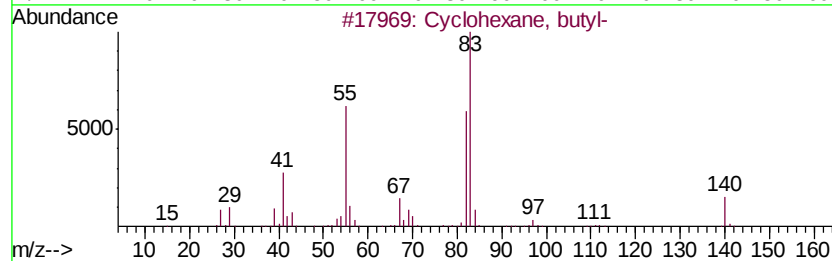
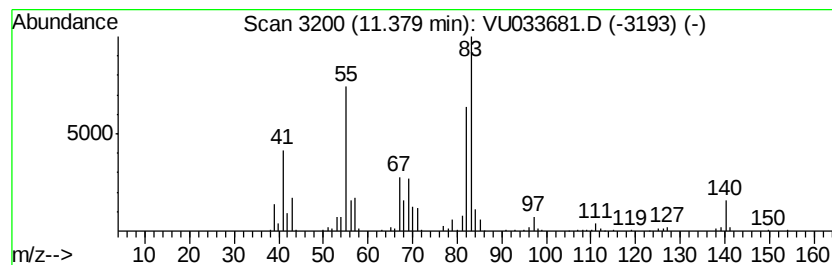
Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic11.38 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.38	9.33 ug/L	194166	1,4-Dichlorobenzene-d4	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
 Data File : VU033681.D
 Acq On : 09 Aug 2019 08:45
 Operator : JC/SP
 Sample : K4215-08ME 20X
 Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOB9ME

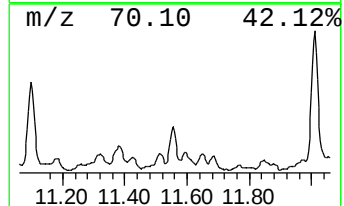
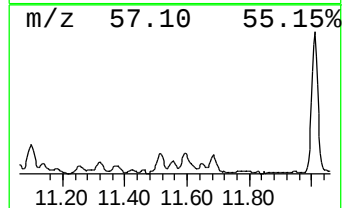
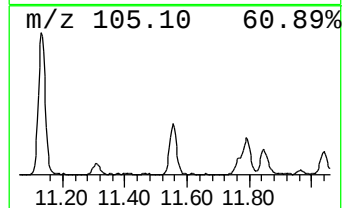
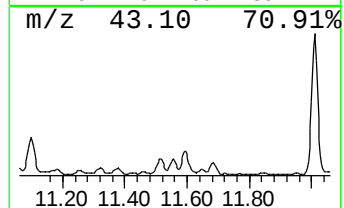
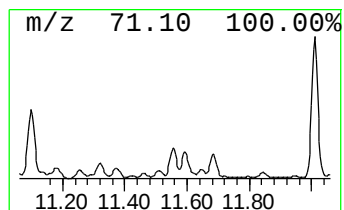
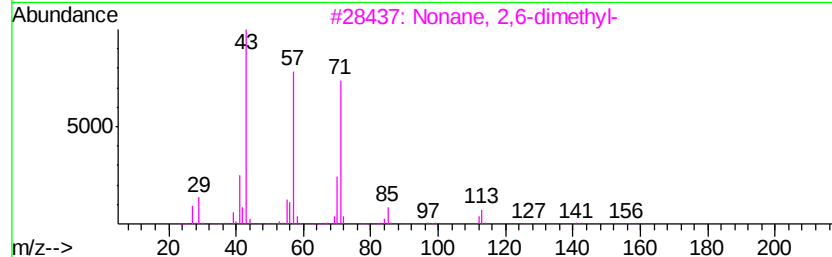
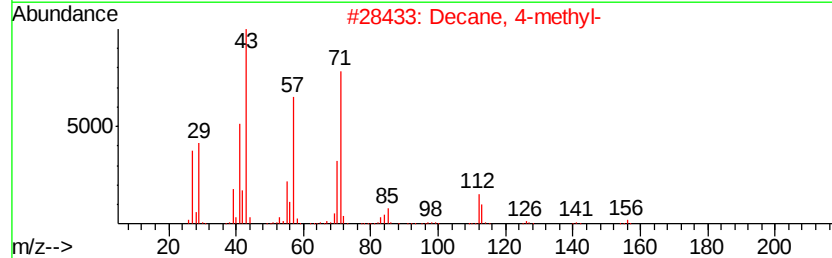
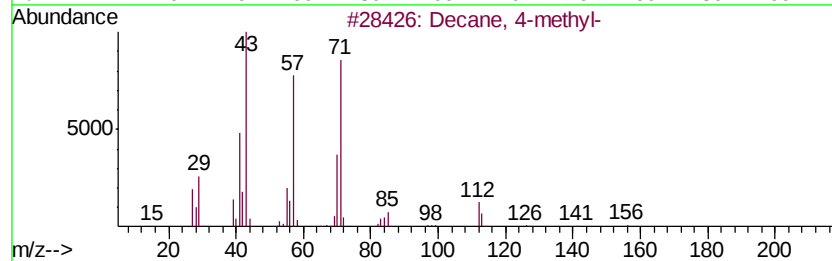
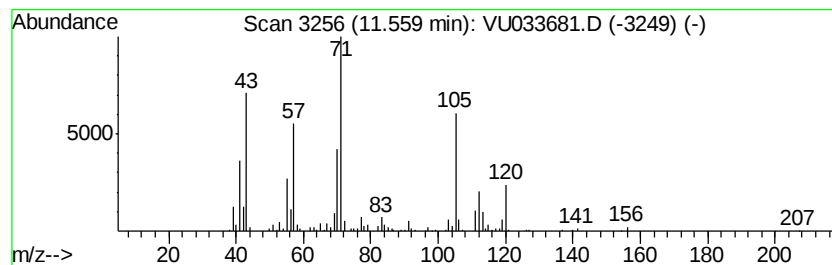
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 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.44 ug/L	113308	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	76
2			Decane, 4-methyl-	156	C11H24	002847-72-5	76
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	50
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

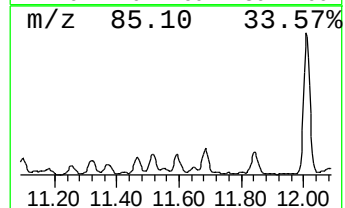
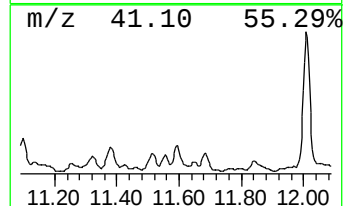
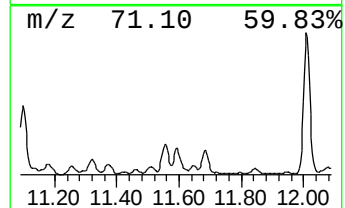
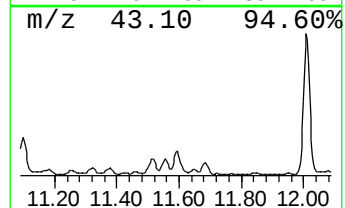
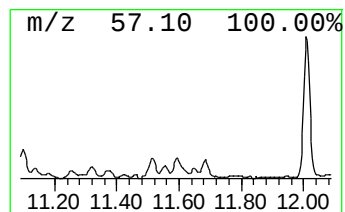
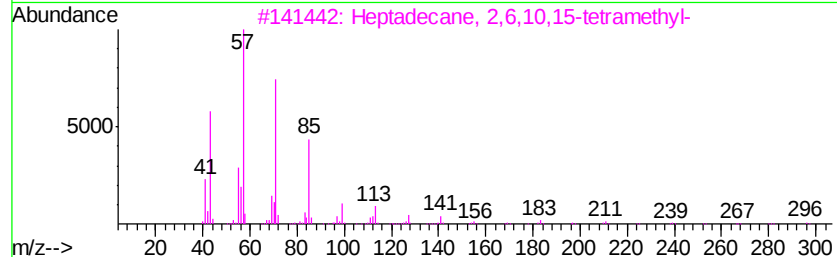
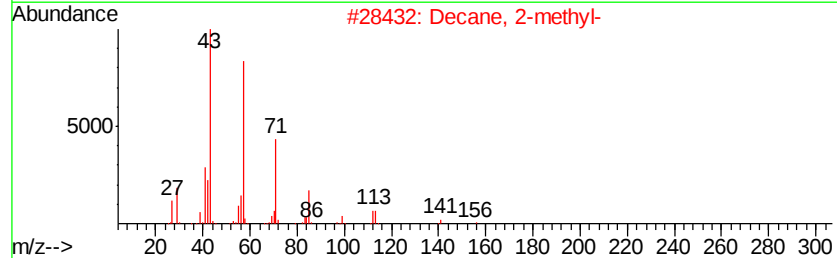
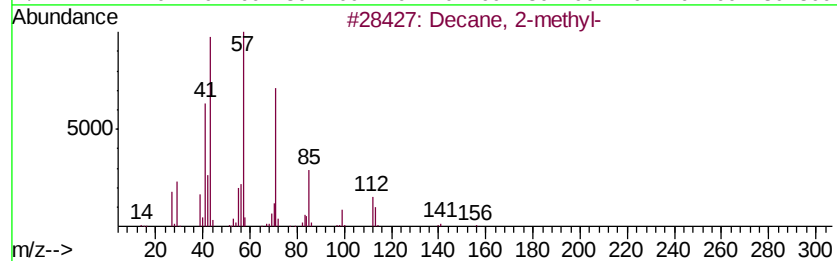
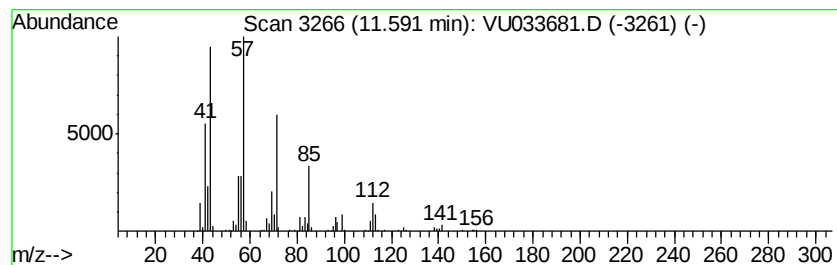
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.91 ug/L	164716	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2		Decane, 2-methyl-	156	C11H24	006975-98-0	74
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4		Eicosane	282	C20H42	000112-95-8	53
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
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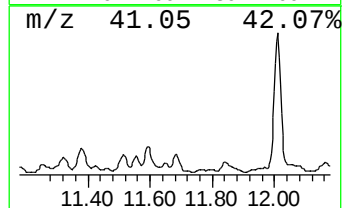
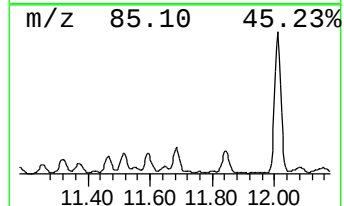
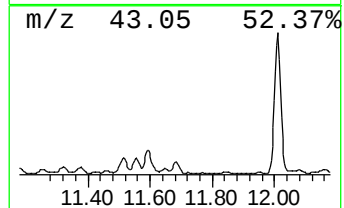
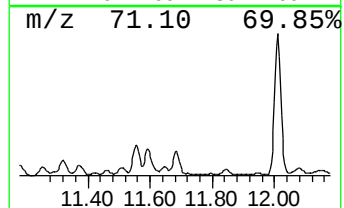
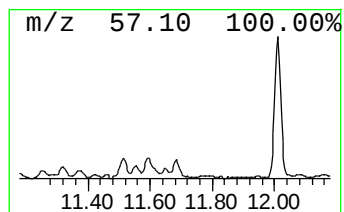
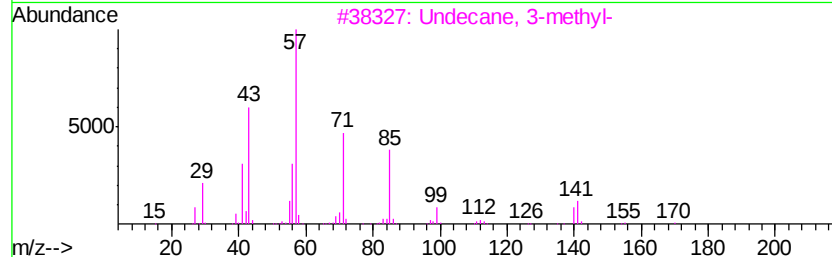
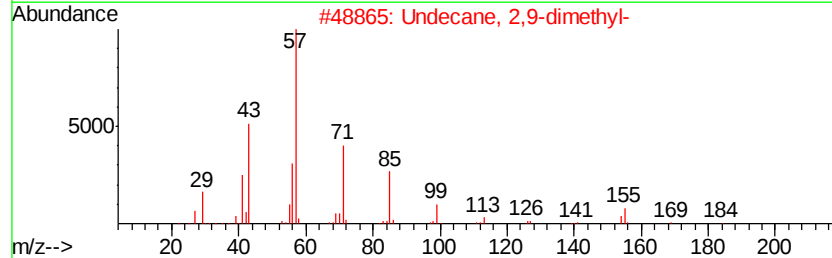
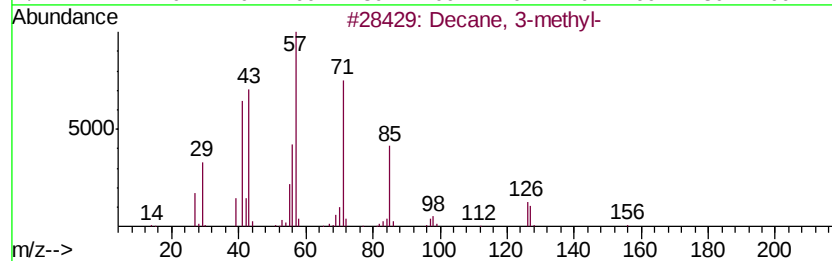
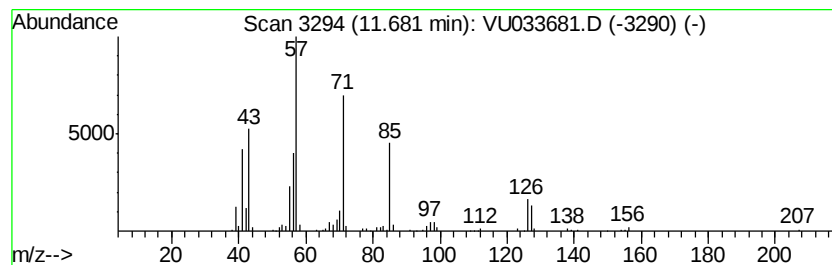
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.47 ug/L	155435	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	58
5			10-Methylnonadecane	282	C20H42	056862-62-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

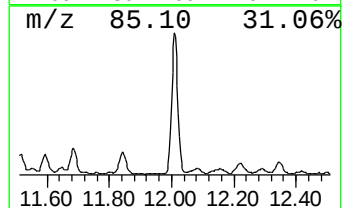
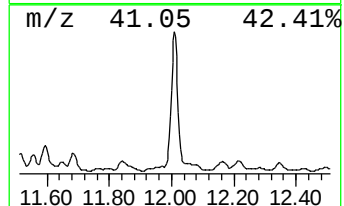
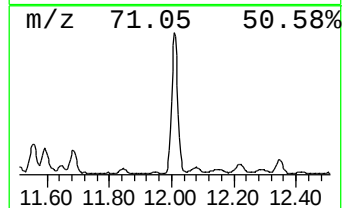
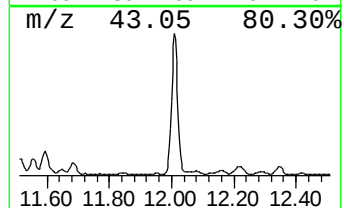
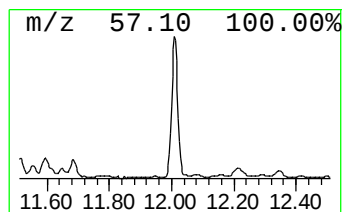
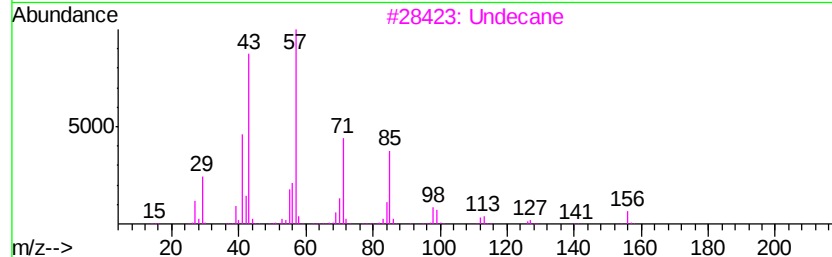
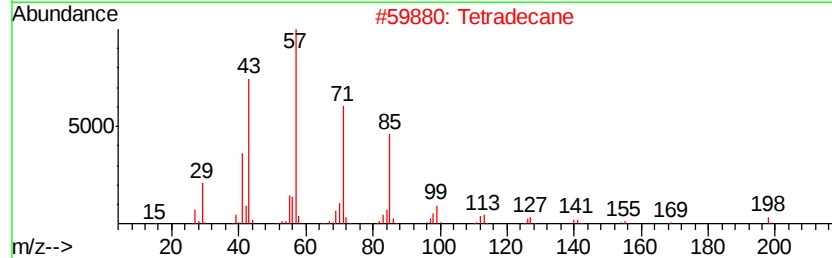
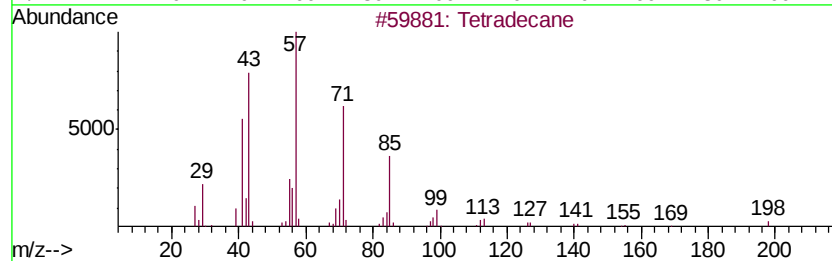
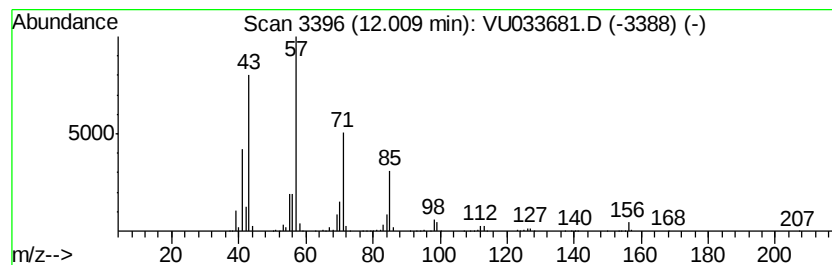
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	47.52 ug/L	989079	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Undecane	156	C11H24	001120-21-4	81
4		Undecane	156	C11H24	001120-21-4	74
5		Nonane	128	C9H20	000111-84-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

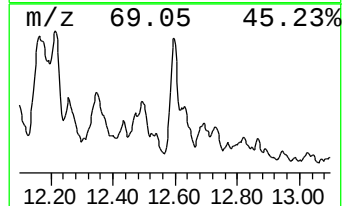
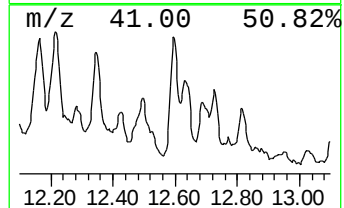
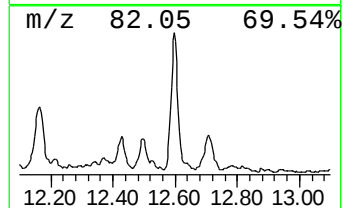
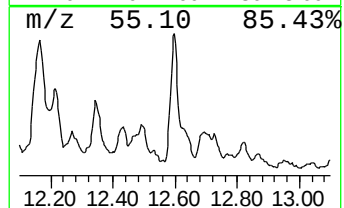
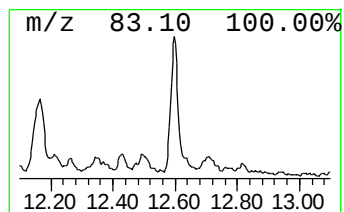
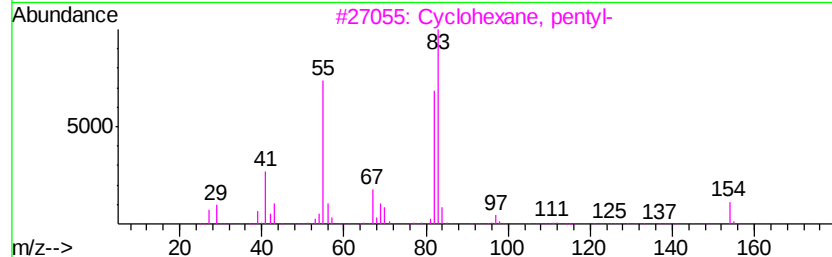
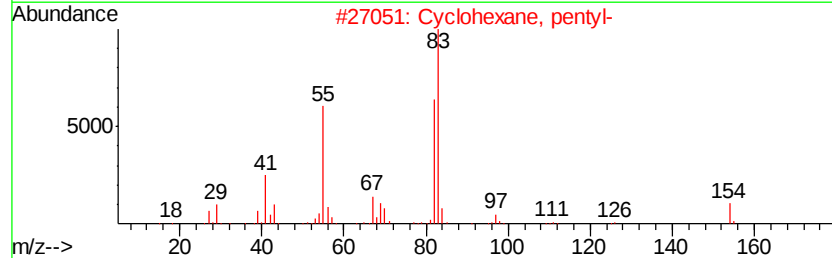
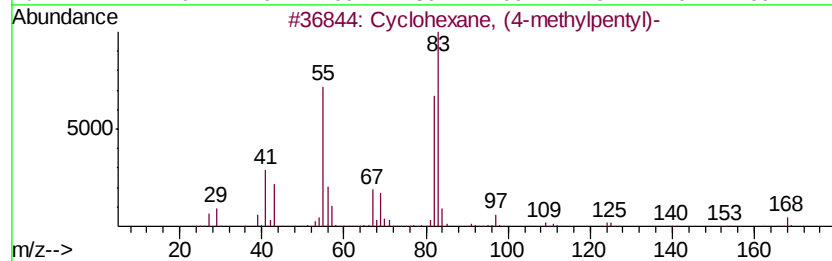
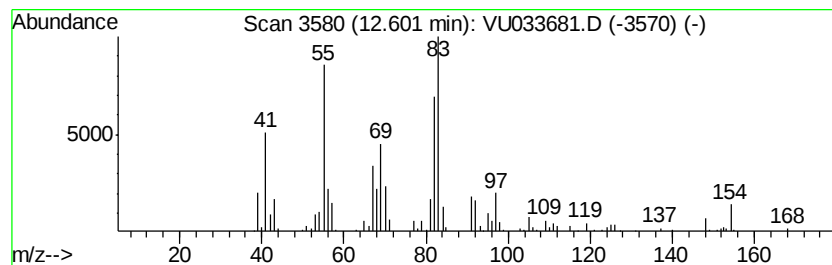
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic12.60 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.49 ug/L	135024	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
5			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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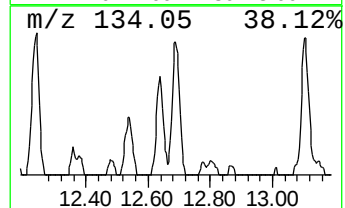
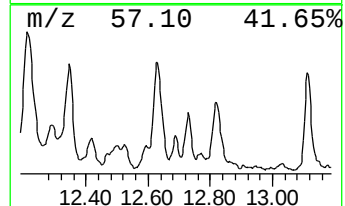
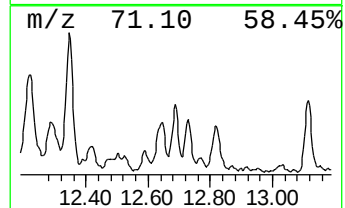
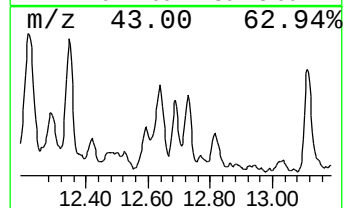
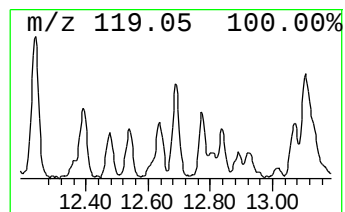
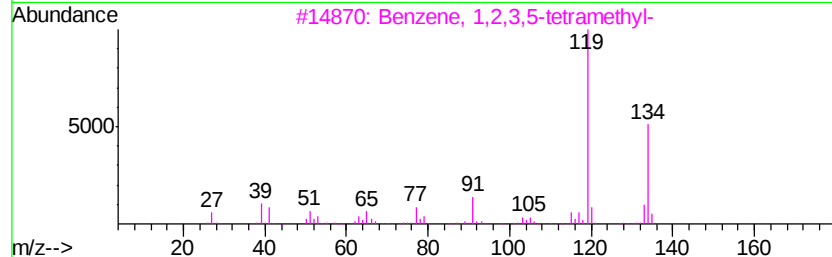
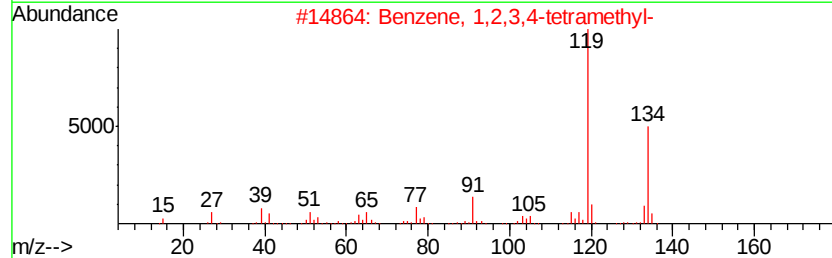
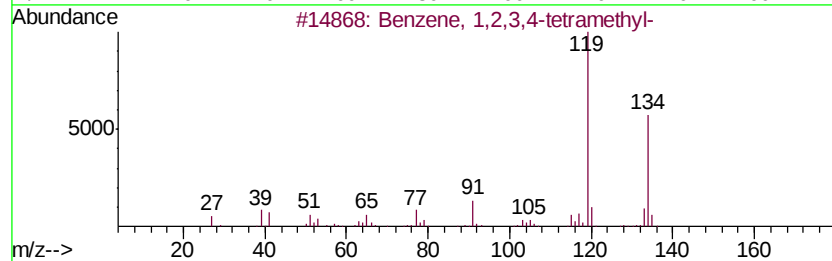
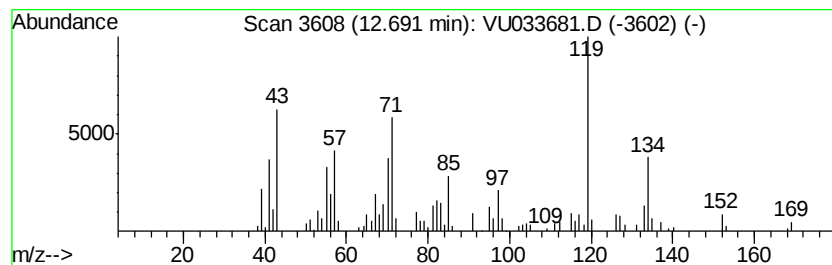
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.11 ug/L	64675	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	41
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	41
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	41
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

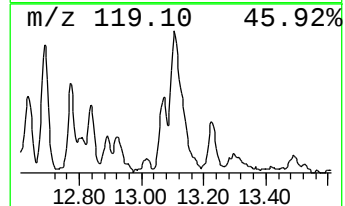
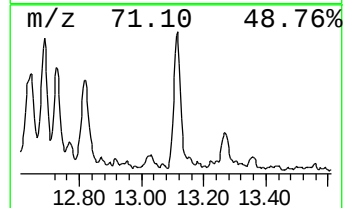
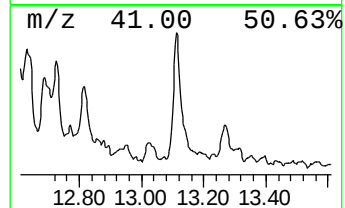
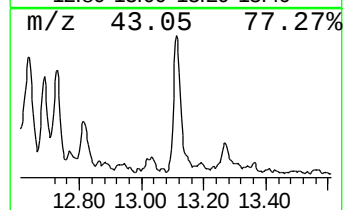
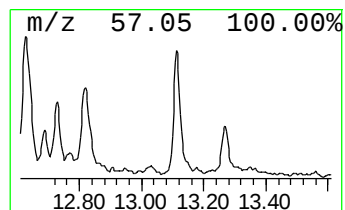
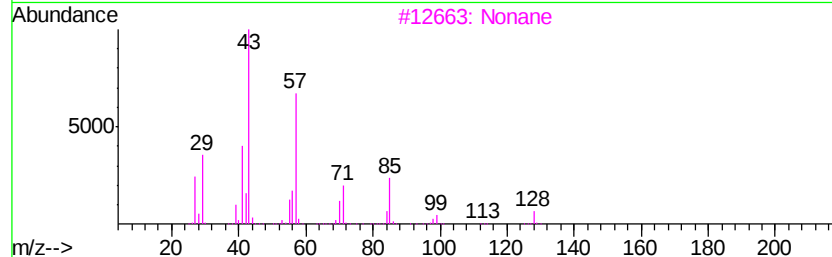
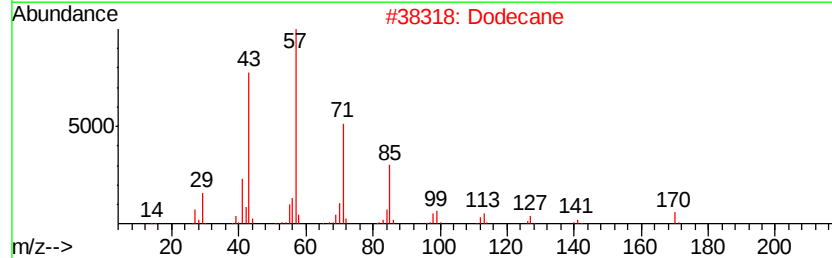
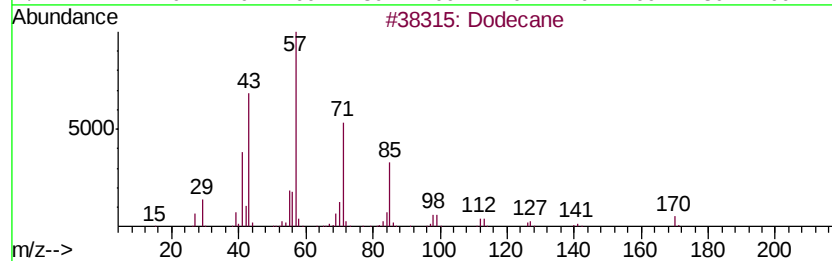
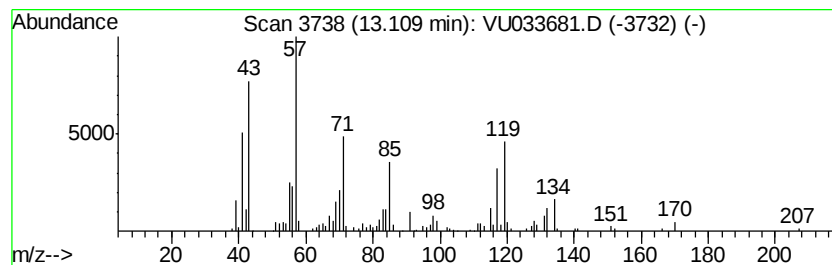
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.83 ug/L	100586	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	78
2			Dodecane	170	C12H26	000112-40-3	55
3			Nonane	128	C9H20	000111-84-2	50
4			Decane	142	C10H22	000124-18-5	49
5			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

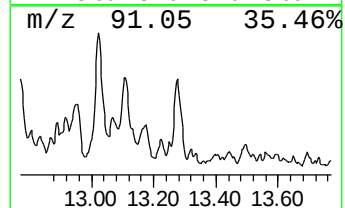
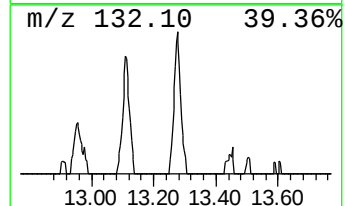
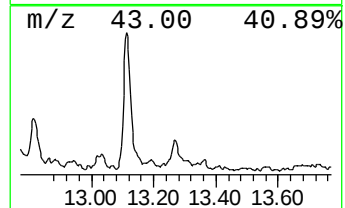
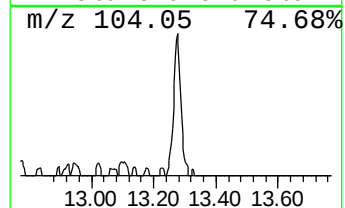
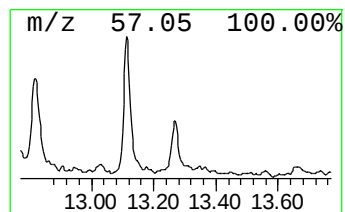
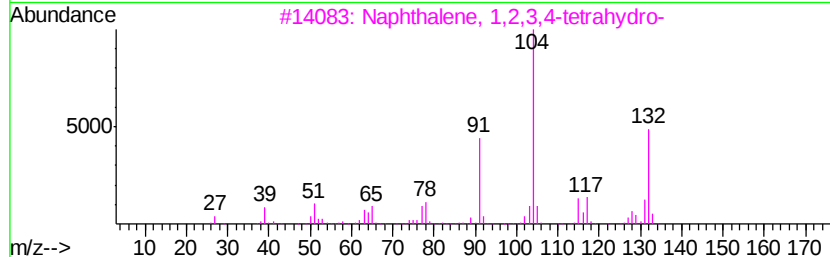
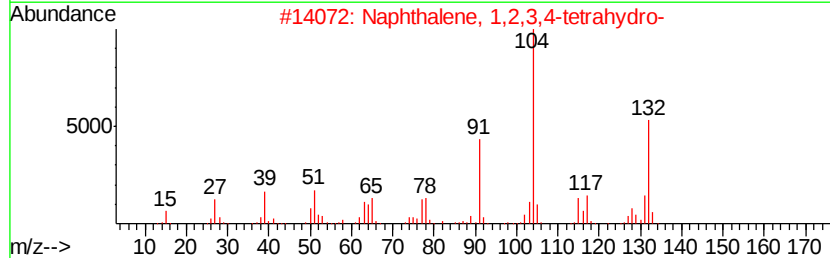
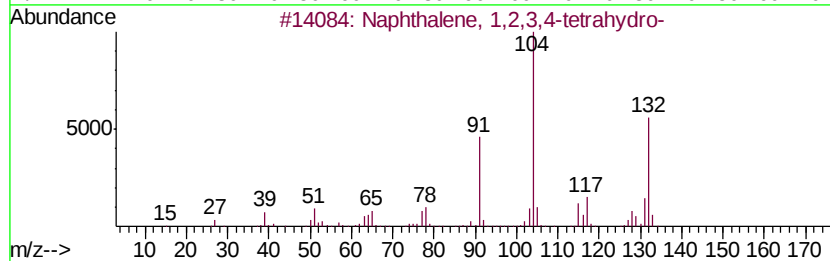
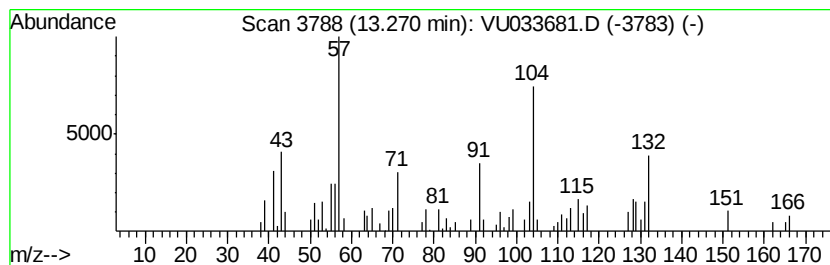
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.50 ug/L	52053	1,4-Dichlorobenzene-d4	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
5			Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080819\
 Data File : VU033681.D
 Acq On : 09 Aug 2019 08:45
 Operator : JC/SP
 Sample : K4215-08ME 20X
 Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOB9ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.43	26.8	ug/L	537217	2	9.07	1001910	50.0
(DEL) Alkane: Cyc...	9.70	12.9	ug/L	257650	2	9.07	1001910	50.0
(DEL) Alkane: Str...	9.94	18.1	ug/L	363408	2	9.07	1001910	50.0
(DEL) Alkane: Cyc...	10.03	13.8	ug/L	275633	2	9.07	1001910	50.0
(DEL) Alkane: Cyc...	10.14	3.4	ug/L	68099	2	9.07	1001910	50.0
Sulfurous acid, c...	10.74	9.9	ug/L	206652	3	11.47	1040780	50.0
(DEL) Alkane: Str...	10.80	51.3	ug/L	1068390	3	11.47	1040780	50.0
(DEL) Alkane: Str...	11.10	13.9	ug/L	289762	3	11.47	1040780	50.0
(DEL) Alkane: Str...	11.25	2.8	ug/L	57792	3	11.47	1040780	50.0
(DEL) Alkane: Cyc...	11.38	9.3	ug/L	194166	3	11.47	1040780	50.0
(DEL) Alkane: Str...	11.56	5.4	ug/L	113308	3	11.47	1040780	50.0
(DEL) Alkane: Str...	11.59	7.9	ug/L	164716	3	11.47	1040780	50.0
(DEL) Alkane: Str...	11.68	7.5	ug/L	155435	3	11.47	1040780	50.0
(DEL) Alkane: Str...	12.01	47.5	ug/L	989079	3	11.47	1040780	50.0
(DEL) Alkane: Cyc...	12.60	6.5	ug/L	135024	3	11.47	1040780	50.0
unknown-01	12.69	3.1	ug/L	64675	3	11.47	1040780	50.0
(DEL) Alkane: Str...	13.11	4.8	ug/L	100586	3	11.47	1040780	50.0
Naphthalene, 1,2,...	13.27	2.5	ug/L	52053	3	11.47	1040780	50.0