

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
 Data File : VV018447.D
 Acq On : 25 Sep 2020 12:01
 Operator : SY/MD
 Sample : L4109-03ME
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W7ME

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_V\METHOD\SOMVLM090920WMA.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	1.219	35	40	55	rVB	13358	16026	1.28%	0.103%
2	1.315	62	70	84	rBV	121436	143274	11.46%	0.923%
3	1.579	143	152	167	rBV	95516	141436	11.31%	0.912%
4	2.100	304	314	325	rBV	256142	363499	29.07%	2.343%
5	2.527	430	447	462	rVB4	10281	24443	1.95%	0.158%
6	2.762	507	520	534	rBV2	14029	28813	2.30%	0.186%
7	3.042	593	607	629	rVB	40949	81933	6.55%	0.528%
8	3.775	819	835	850	rBV2	10120	25756	2.06%	0.166%
9	3.933	872	884	930	rBV2	63209	254561	20.36%	1.641%
10	4.370	1003	1020	1053	rVB	184534	470769	37.65%	3.034%
11	4.627	1084	1100	1112	rBV4	15159	37316	2.98%	0.241%
12	5.064	1218	1236	1275	rBV2	503018	1231463	98.48%	7.937%
13	5.637	1400	1414	1448	rBV	447707	926662	74.10%	5.972%
14	5.926	1486	1504	1520	rBV	12973	27743	2.22%	0.179%
15	6.090	1541	1555	1586	rVB	265608	554332	44.33%	3.573%
16	6.936	1808	1818	1827	rVV2	9991	18071	1.45%	0.116%
17	7.006	1827	1840	1861	rVV	147431	293429	23.47%	1.891%
18	7.096	1862	1868	1889	rVB	7754	16885	1.35%	0.109%
19	7.280	1910	1925	1931	rBV4	11977	21162	1.69%	0.136%
20	7.334	1931	1942	1956	rVV	579082	1029860	82.36%	6.638%
21	7.408	1956	1965	1990	rVB	149250	282134	22.56%	1.818%
22	7.585	2010	2020	2029	rBV2	29117	45324	3.62%	0.292%
23	7.643	2029	2038	2064	rVB	95918	206864	16.54%	1.333%
24	8.145	2168	2194	2235	rBV	156281	573284	45.85%	3.695%
25	8.688	2353	2363	2373	rVB2	10941	19185	1.53%	0.124%
26	8.874	2409	2421	2452	rVV	636289	1173304	93.83%	7.562%
27	9.170	2504	2513	2521	rVV2	15804	29186	2.33%	0.188%
28	9.222	2521	2529	2549	rVB	53235	84535	6.76%	0.545%
29	9.495	2600	2614	2622	rBV6	12875	23655	1.89%	0.152%
30	9.730	2680	2687	2696	rVB3	19745	29686	2.37%	0.191%
31	9.820	2696	2715	2724	rBV5	24363	52346	4.19%	0.337%
32	9.871	2725	2731	2742	rVB4	9964	16449	1.32%	0.106%
33	10.035	2775	2782	2790	rVV3	14985	24095	1.93%	0.155%
34	10.106	2790	2804	2808	rVV3	25416	51518	4.12%	0.332%

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35	10.135	2808	2813	2826	rVB2	36603	57800	4.62%	0.373%
36	10.244	2826	2847	2863	rBV	356480	666615	53.31%	4.296%
37	10.472	2909	2918	2928	rBV4	30267	58422	4.67%	0.377%
38	10.530	2930	2936	2942	rVV3	21298	31591	2.53%	0.204%
39	10.598	2943	2957	2979	rVB	223804	366206	29.29%	2.360%
40	10.720	2980	2995	3006	rBV	91631	163229	13.05%	1.052%
41	10.855	3030	3037	3043	rVB5	12506	16828	1.35%	0.108%
42	10.897	3043	3050	3057	rBV	45692	64060	5.12%	0.413%
43	10.942	3057	3064	3072	rVV	31609	46693	3.73%	0.301%
44	11.051	3089	3098	3104	rBV4	25894	42269	3.38%	0.272%
45	11.119	3115	3119	3127	rVB4	16658	22052	1.76%	0.142%
46	11.173	3128	3136	3145	rBV	40763	62263	4.98%	0.401%
47	11.218	3146	3150	3157	rVB6	11198	14476	1.16%	0.093%
48	11.273	3157	3167	3178	rBV	797657	1250477	100.00%	8.060%
49	11.357	3186	3193	3199	rBV3	33891	49129	3.93%	0.317%
50	11.392	3199	3204	3214	rVB	51630	70716	5.66%	0.456%
51	11.485	3225	3233	3244	rVB	49565	72004	5.76%	0.464%
52	11.598	3263	3268	3272	rVV	22186	31340	2.51%	0.202%
53	11.649	3272	3284	3302	rVB	695607	1170787	93.63%	7.546%
54	11.810	3323	3334	3343	rBV	294920	424130	33.92%	2.734%
55	11.961	3366	3381	3389	rBV4	40931	89753	7.18%	0.578%
56	12.013	3390	3397	3402	rBV6	20467	33799	2.70%	0.218%
57	12.144	3429	3438	3442	rBV2	22010	32610	2.61%	0.210%
58	12.180	3443	3449	3467	rVB5	28405	72287	5.78%	0.466%
59	12.279	3467	3480	3489	rBV8	40919	99003	7.92%	0.638%
60	12.392	3505	3515	3522	rBV5	47019	92577	7.40%	0.597%
61	12.488	3537	3545	3552	rBV4	57441	90275	7.22%	0.582%
62	12.572	3564	3571	3577	rBV2	21543	30286	2.42%	0.195%
63	12.611	3577	3583	3588	rBV2	22931	27296	2.18%	0.176%
64	12.749	3619	3626	3637	rVB	29683	46824	3.74%	0.302%
65	12.820	3639	3648	3655	rBV4	24529	37651	3.01%	0.243%
66	12.868	3657	3663	3667	rBV2	15379	20950	1.68%	0.135%
67	12.906	3667	3675	3692	rVB2	143549	230796	18.46%	1.488%
68	13.025	3705	3712	3717	rBV	26126	35997	2.88%	0.232%
69	13.061	3718	3723	3729	rVV2	22432	28422	2.27%	0.183%
70	13.183	3757	3761	3770	rVB7	11766	16158	1.29%	0.104%
71	13.234	3771	3777	3785	rVB6	9972	15037	1.20%	0.097%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

72	13.292	3785	3795	3801	rBV2	33629	56476	4.52%	0.364%
73	13.421	3830	3835	3849	rVV4	10869	21934	1.75%	0.141%
74	13.524	3851	3867	3875	rVV6	34307	95311	7.62%	0.614%
75	13.566	3875	3880	3892	rVB8	19656	31507	2.52%	0.203%
76	13.662	3897	3910	3923	rVB9	19429	51235	4.10%	0.330%
77	13.746	3927	3936	3943	rBV9	8095	16213	1.30%	0.104%
78	13.922	3983	3991	4008	rVB3	60822	99215	7.93%	0.639%
79	14.125	4042	4054	4067	rBV6	27081	63366	5.07%	0.408%
80	14.260	4089	4096	4103	rBV5	10893	17042	1.36%	0.110%
81	14.389	4128	4136	4146	rVB8	13792	21729	1.74%	0.140%
82	14.459	4149	4158	4171	rBV7	13750	33483	2.68%	0.216%
83	14.659	4208	4220	4229	rBV2	46779	100615	8.05%	0.648%
84	14.791	4253	4261	4268	rBV3	14111	24014	1.92%	0.155%
85	14.842	4270	4277	4281	rBV	23829	34400	2.75%	0.222%
86	15.196	4378	4387	4397	rBV9	7952	17809	1.42%	0.115%
87	15.363	4434	4439	4443	rBV3	12600	16203	1.30%	0.104%
88	15.443	4456	4464	4473	rBV9	14241	23283	1.86%	0.150%
89	15.582	4499	4507	4514	rBV3	26115	44922	3.59%	0.290%
90	15.691	4527	4541	4551	rBV	88593	164898	13.19%	1.063%
91	15.836	4578	4586	4593	rBV	88083	134841	10.78%	0.869%
92	15.874	4593	4598	4613	rVB	62880	104845	8.38%	0.676%
93	16.067	4652	4658	4667	rVB2	21551	35556	2.84%	0.229%
94	16.337	4727	4742	4751	rBV	95915	169731	13.57%	1.094%
95	16.498	4778	4792	4799	rBV4	17012	37023	2.96%	0.239%
96	16.546	4801	4807	4817	rVV2	19218	29373	2.35%	0.189%
97	16.749	4864	4870	4877	rVV4	15261	19495	1.56%	0.126%
98	16.791	4879	4883	4890	rVB	12544	15555	1.24%	0.100%
99	16.942	4925	4930	4938	rVB2	13281	17175	1.37%	0.111%
100	17.003	4942	4949	4957	rBV4	11435	18475	1.48%	0.119%

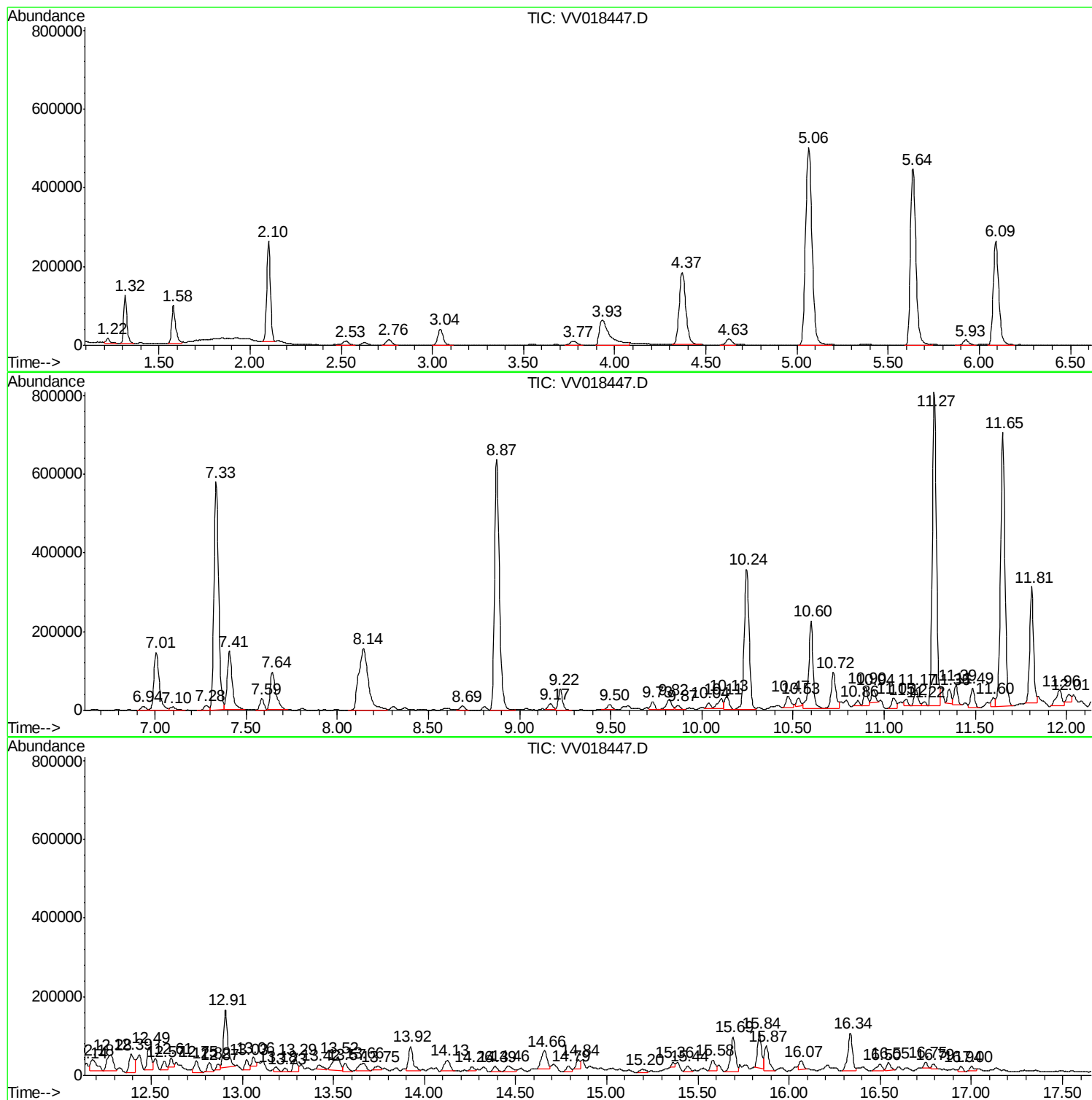
Sum of corrected areas: 15515530

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Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



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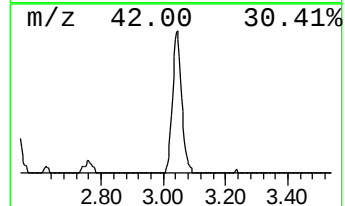
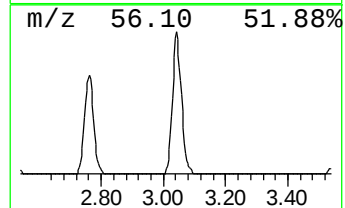
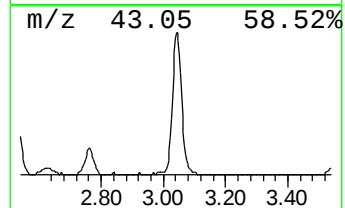
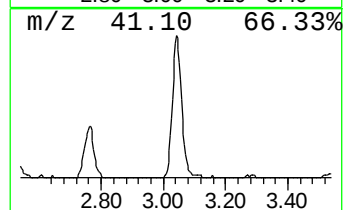
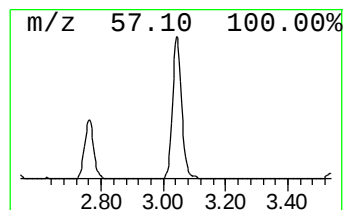
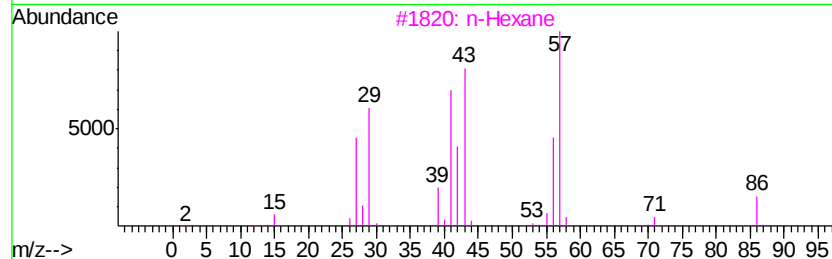
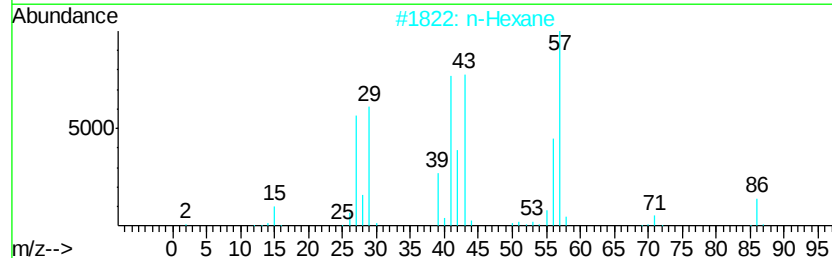
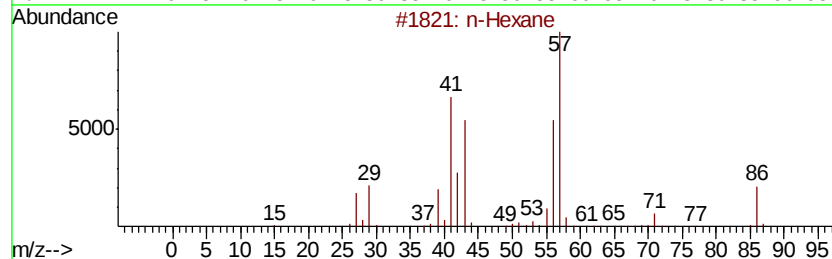
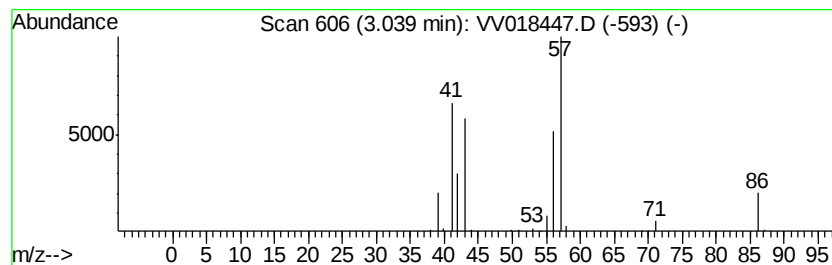
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.04	4.42 ug/L	81933	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40



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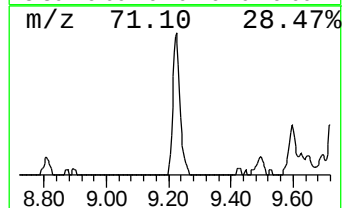
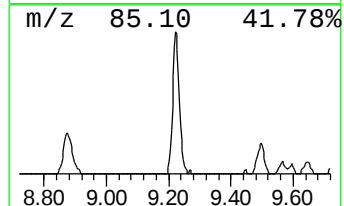
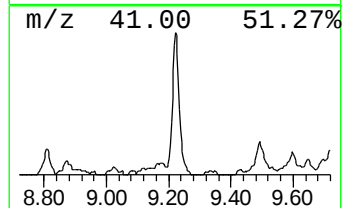
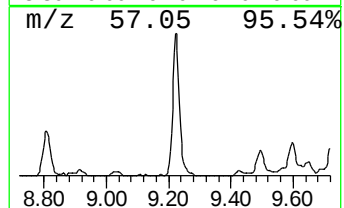
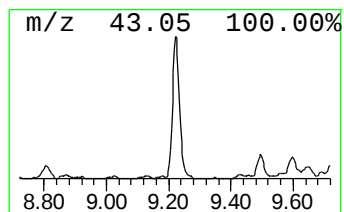
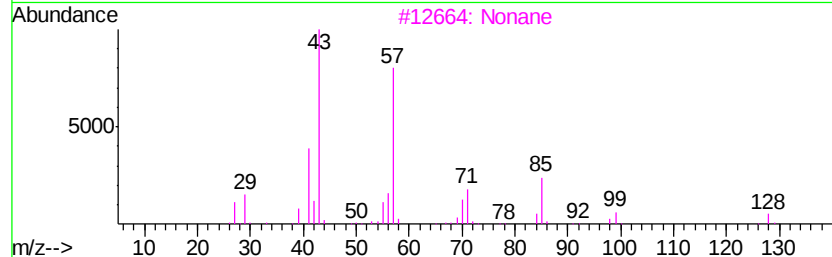
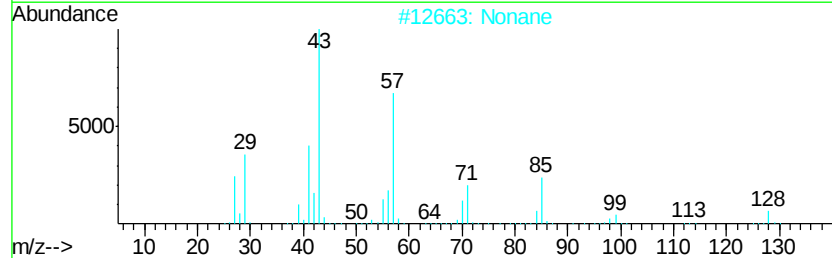
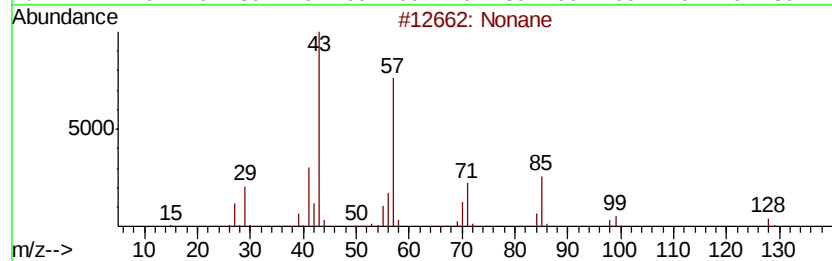
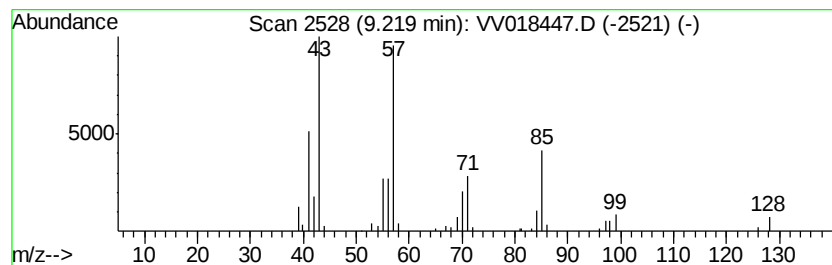
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.60 ug/L	84535	Chlorobenzene-d5	8.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	94
2	Nonane		128	C9H20	000111-84-2	94
3	Nonane		128	C9H20	000111-84-2	91
4	Octane		114	C8H18	000111-65-9	64
5	Octane		114	C8H18	000111-65-9	59



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MSVOA_V
ClientSampled :
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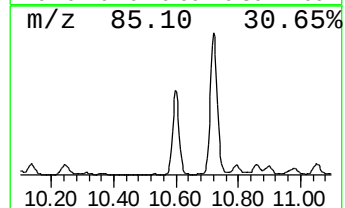
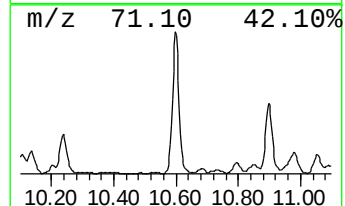
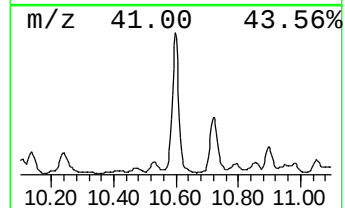
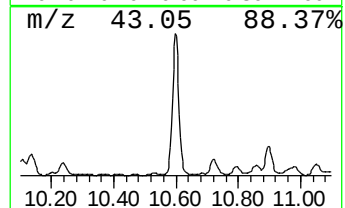
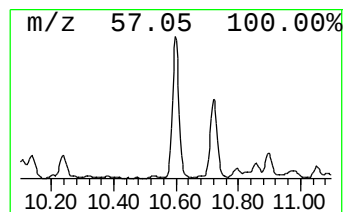
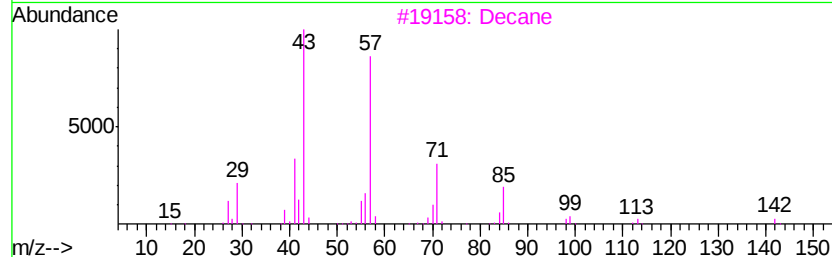
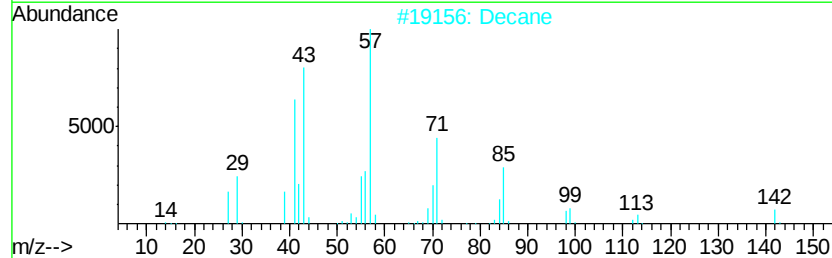
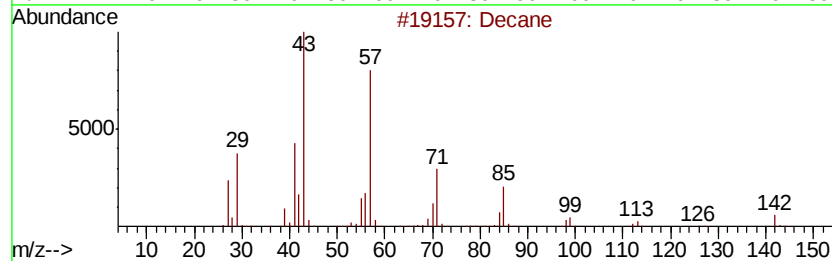
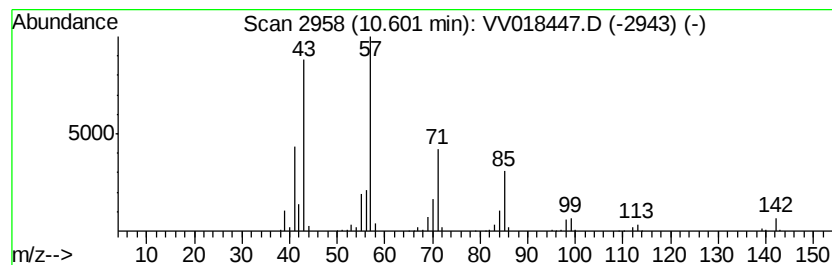
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	14.64 ug/L	366206	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	93
3		Decane	142	C10H22	000124-18-5	91
4		Decane	142	C10H22	000124-18-5	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

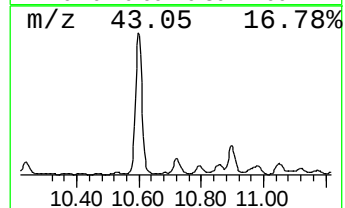
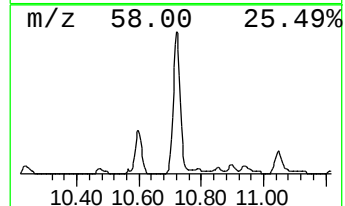
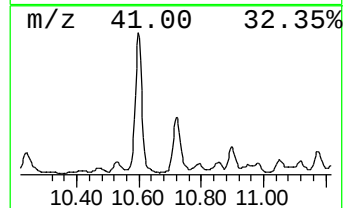
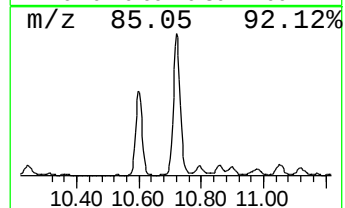
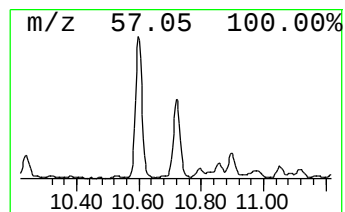
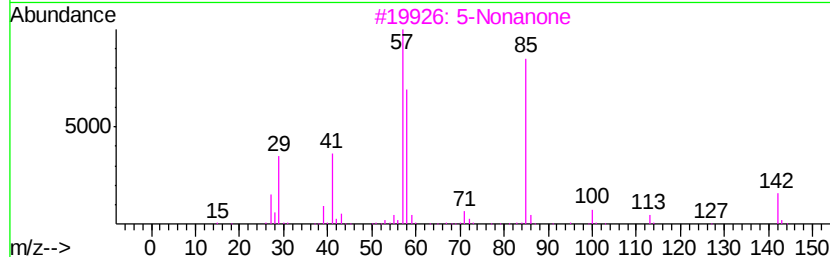
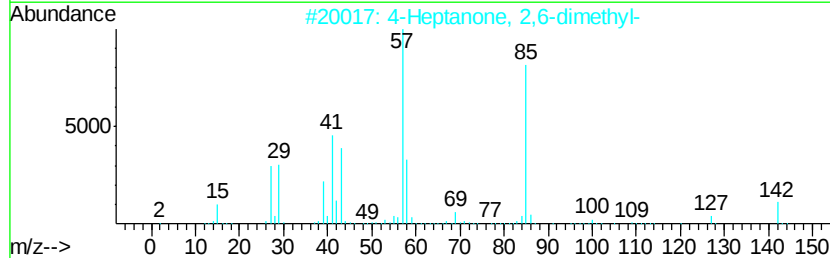
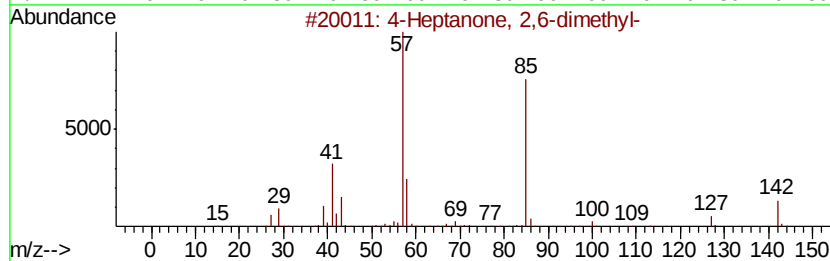
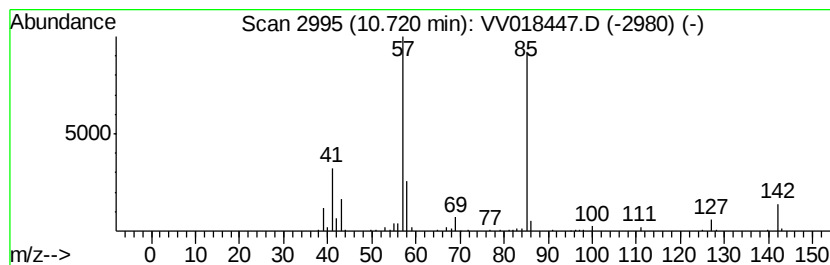
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	6.53 ug/L	163229	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	5-Nonanone	142	C9H18O	000502-56-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

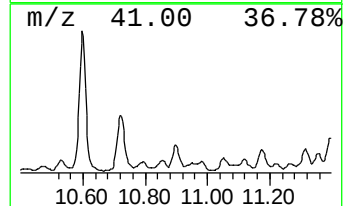
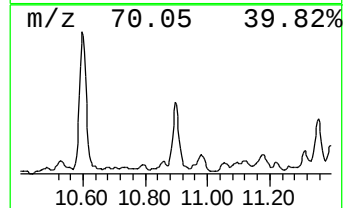
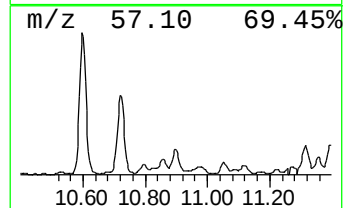
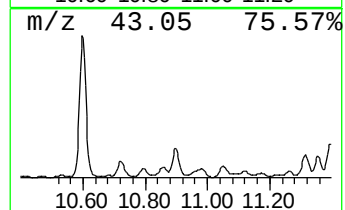
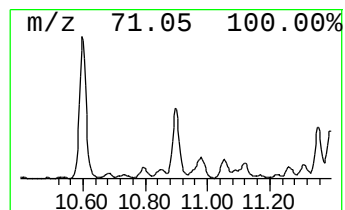
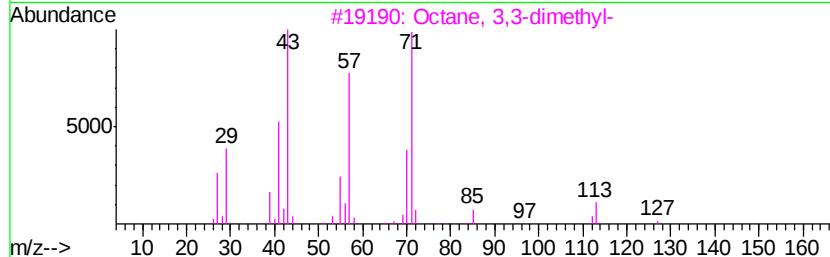
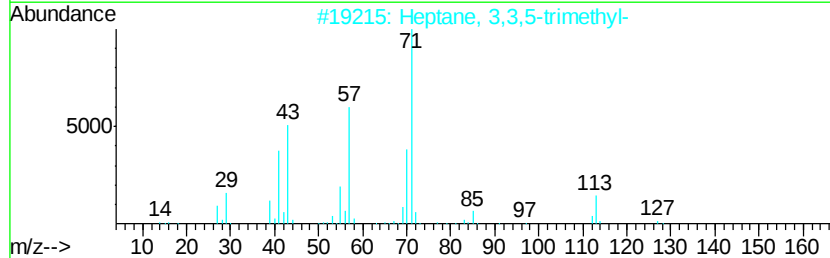
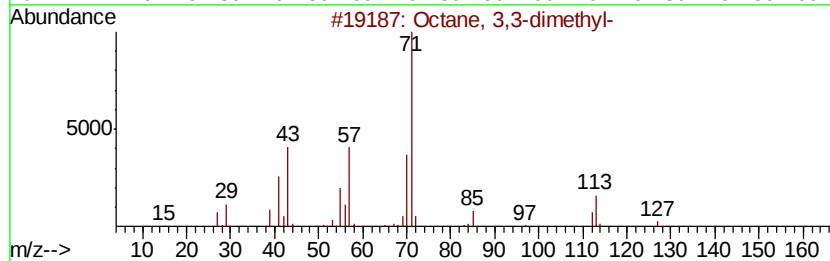
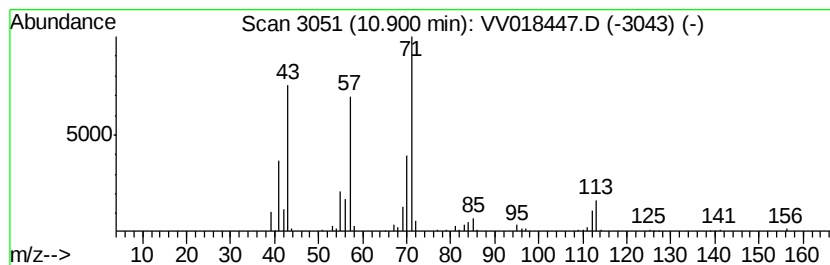
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	2.56 ug/L	64060	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
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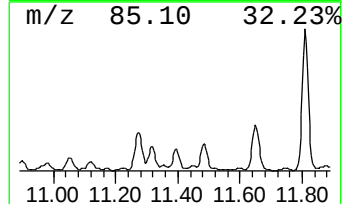
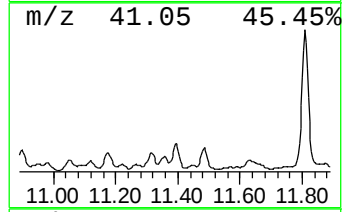
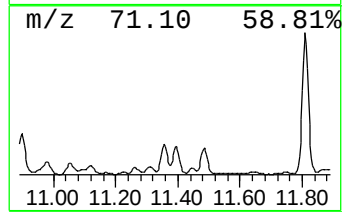
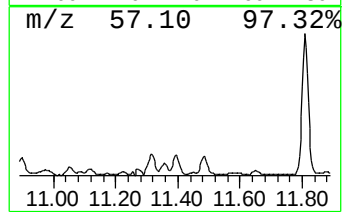
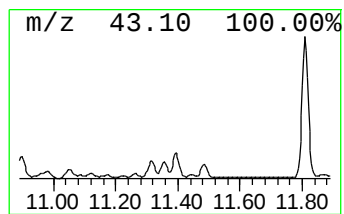
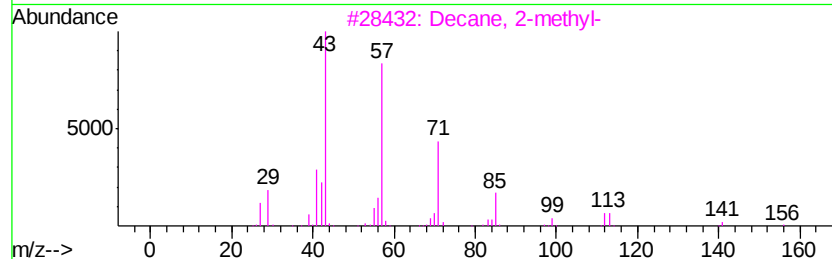
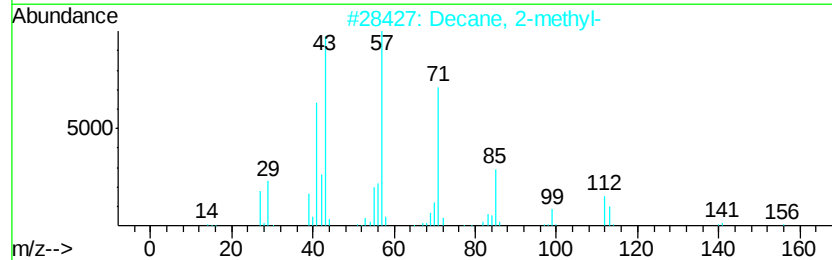
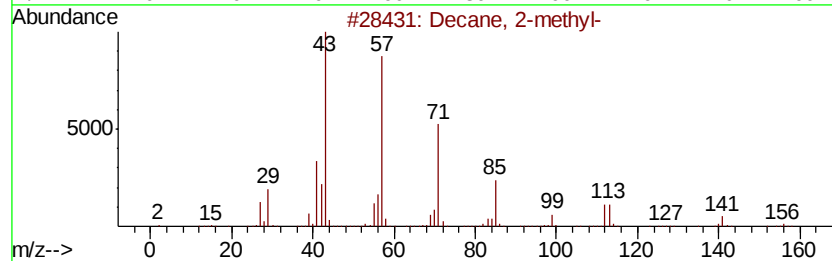
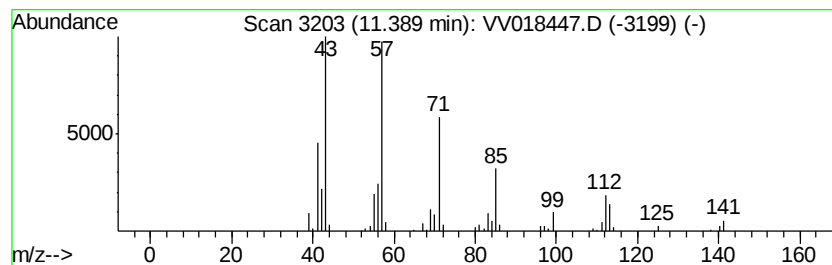
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.83 ug/L	70716	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	95
2			Decane, 2-methyl-	156	C11H24	006975-98-0	95
3			Decane, 2-methyl-	156	C11H24	006975-98-0	90
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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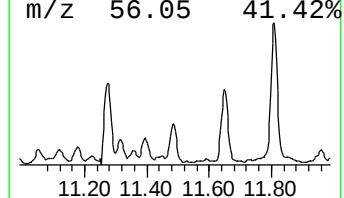
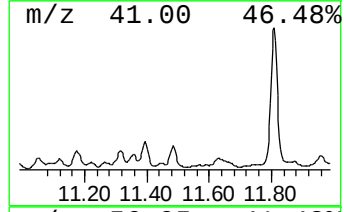
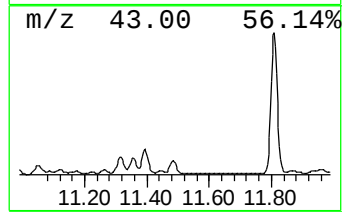
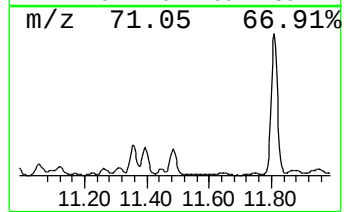
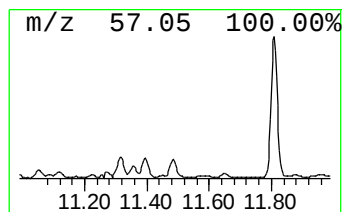
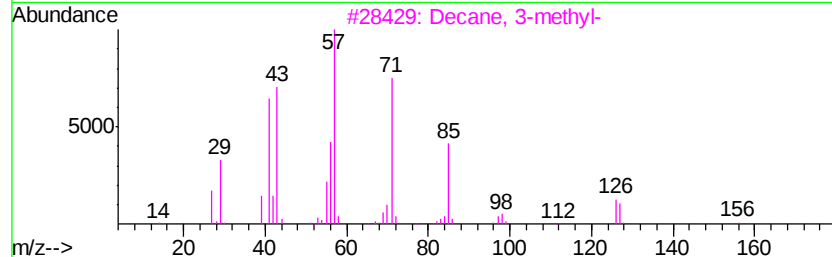
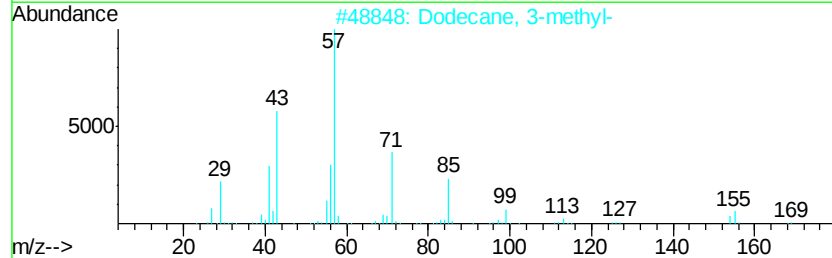
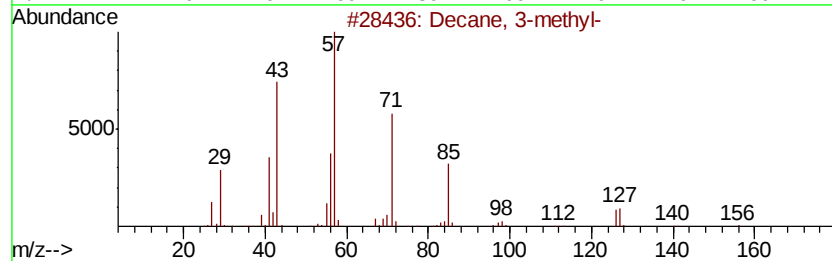
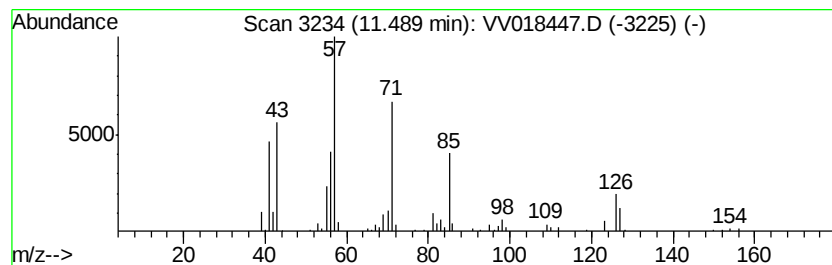
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.88 ug/L	72004	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Decane, 3-methyl-	156	C11H24	013151-34-3	58
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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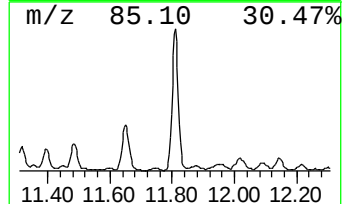
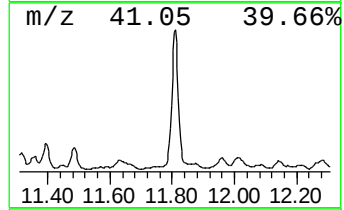
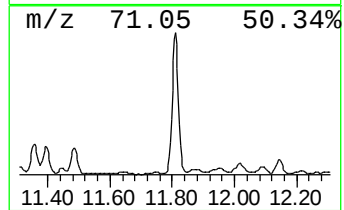
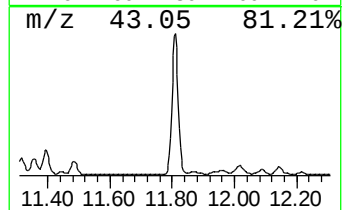
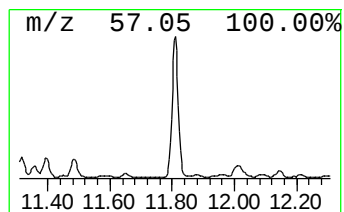
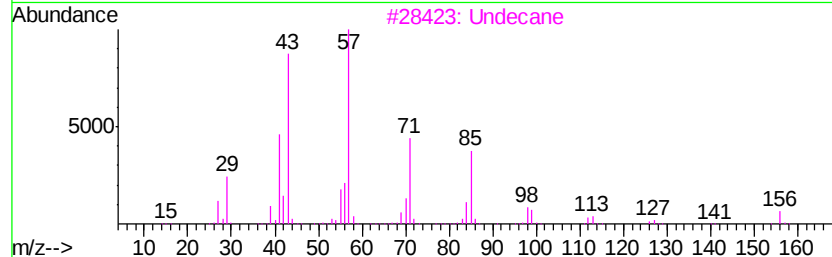
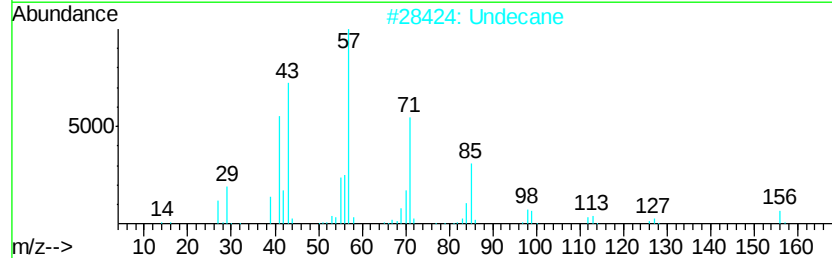
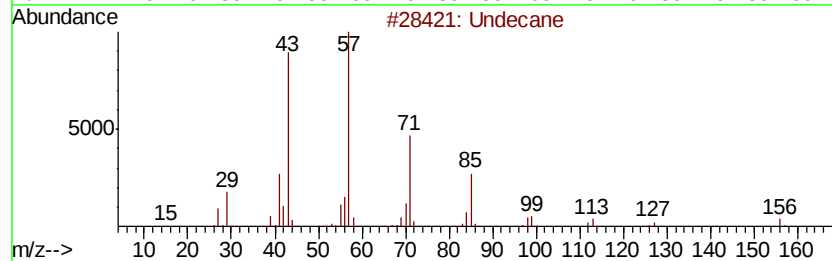
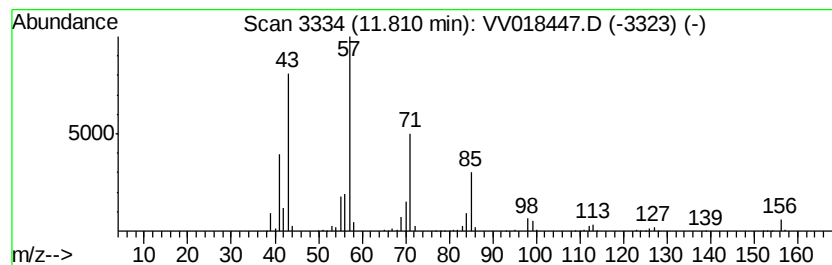
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	16.96 ug/L	424130	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	97
2		Undecane	156	C11H24	001120-21-4	96
3		Undecane	156	C11H24	001120-21-4	93
4		Undecane	156	C11H24	001120-21-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

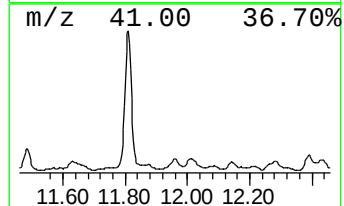
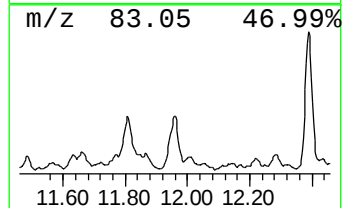
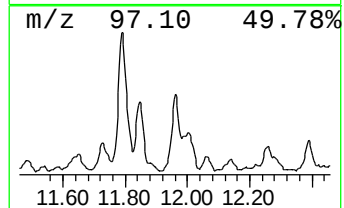
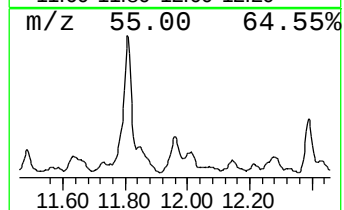
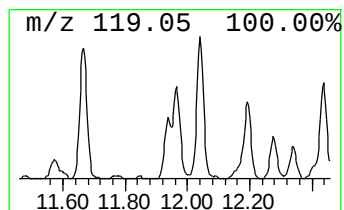
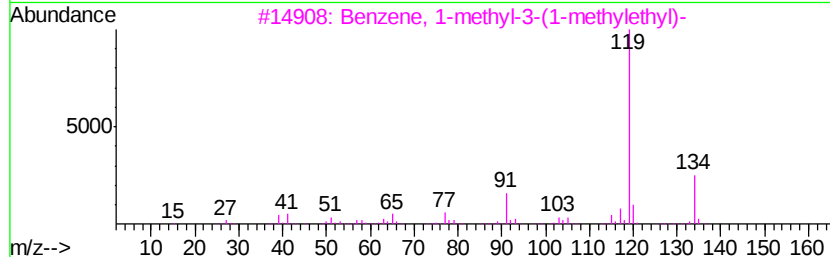
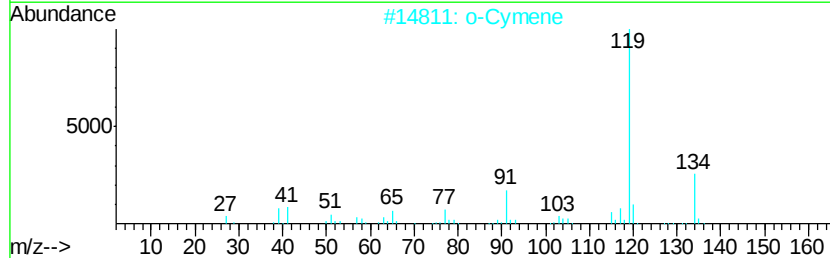
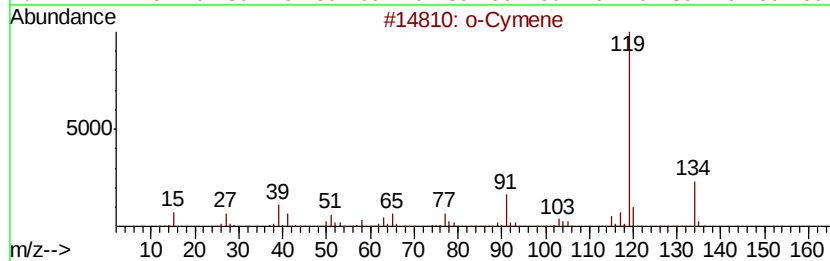
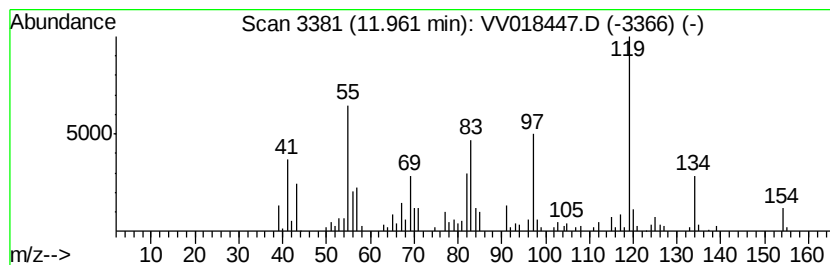
Instrument :
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ClientSampled :
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Quant Title : VOC Analysis

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

Peak Number 10 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	3.59 ug/L	89753	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	80
2	o-Cymene	134	C10H14	000527-84-4	80
3	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	80
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

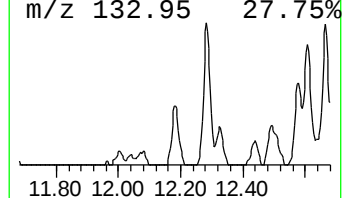
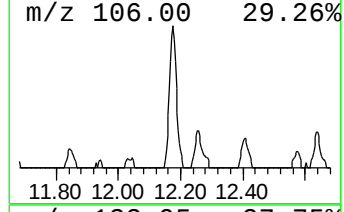
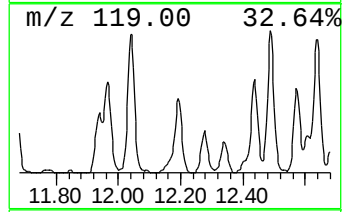
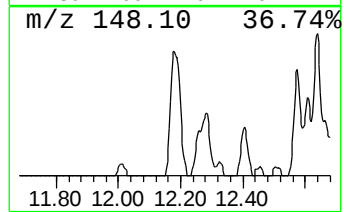
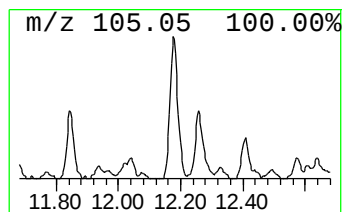
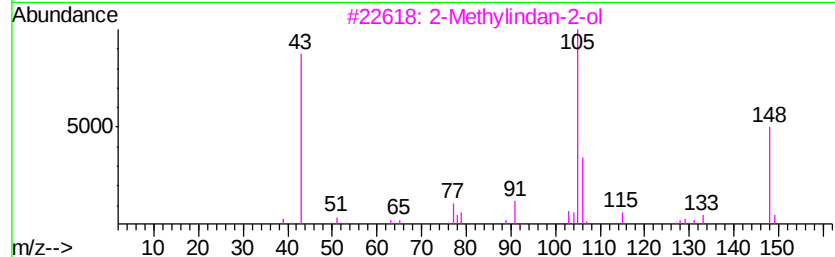
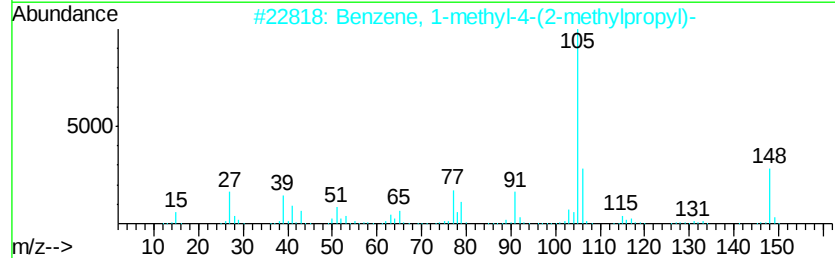
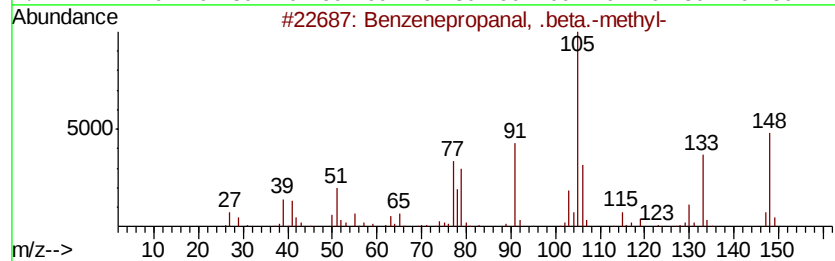
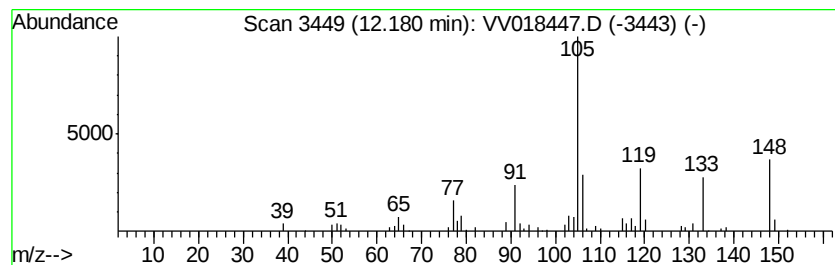
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzenepropanal, .beta.-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.18	2.89 ug/L	72287	1,4-Dichlorobenzene-d4	11.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	58
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
4		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	35
5		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

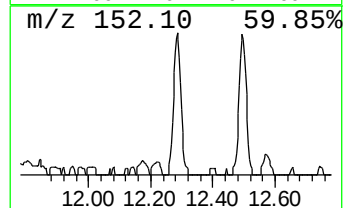
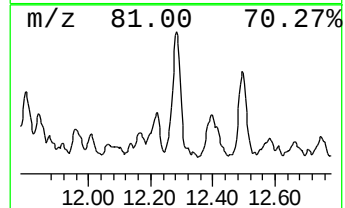
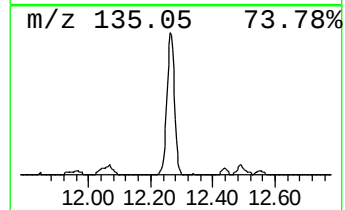
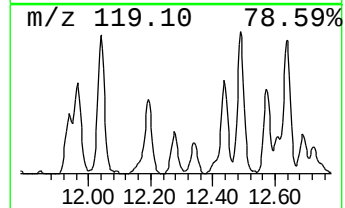
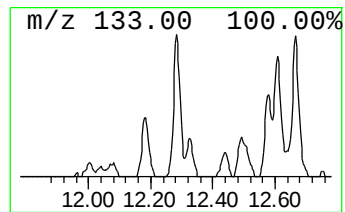
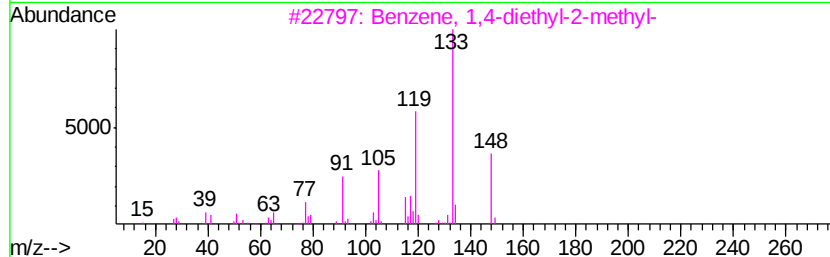
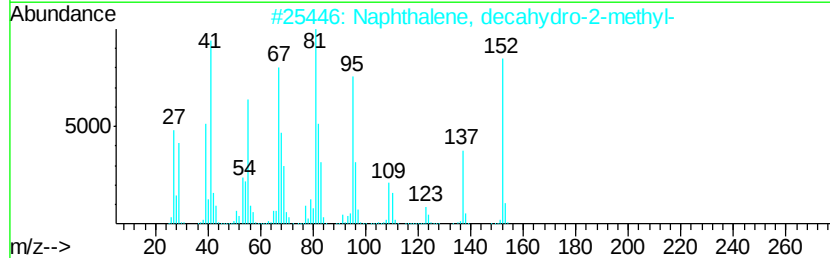
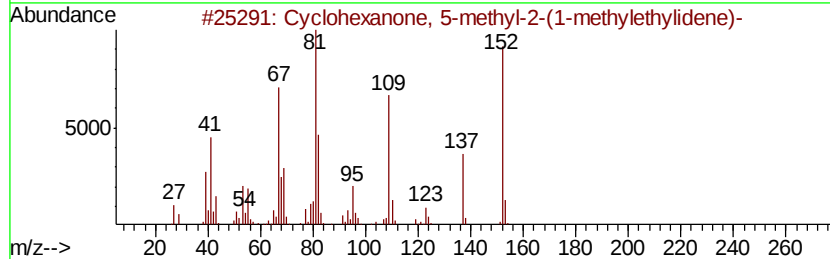
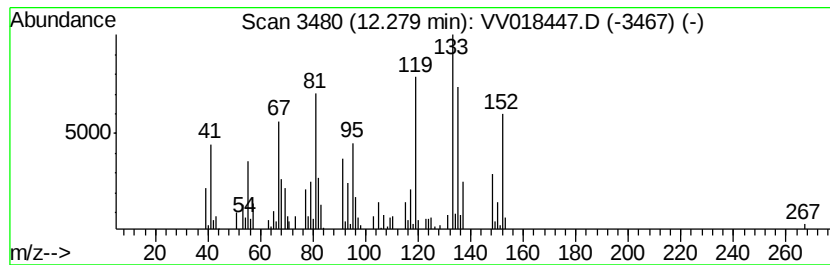
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.28	3.96 ug/L	99003	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	44
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

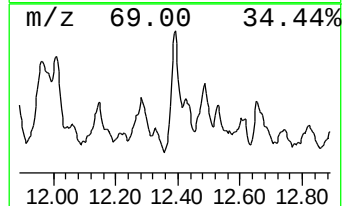
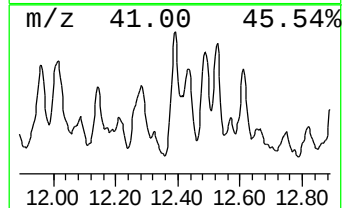
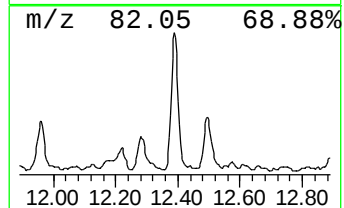
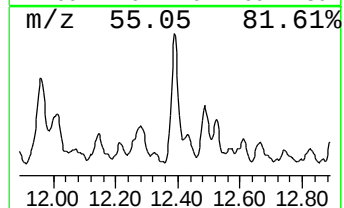
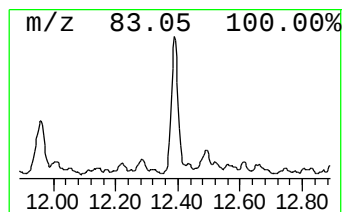
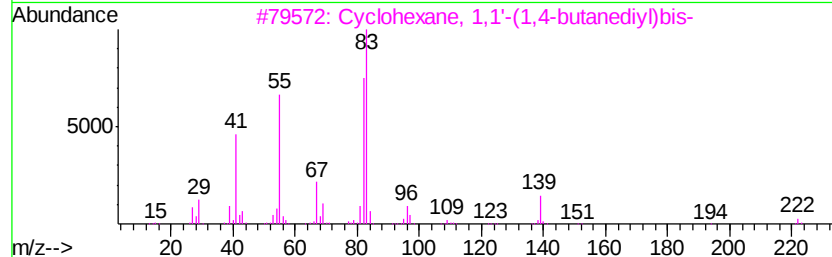
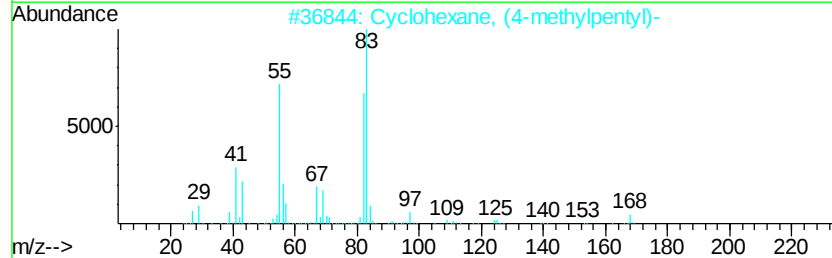
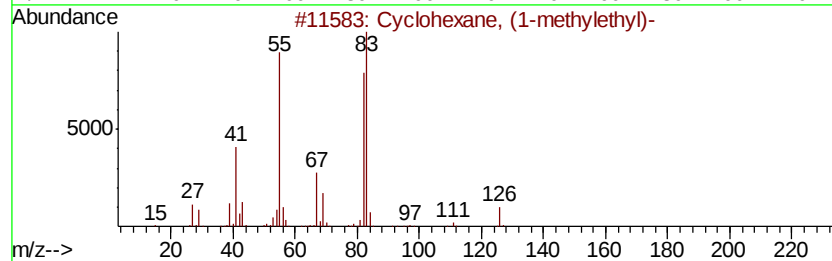
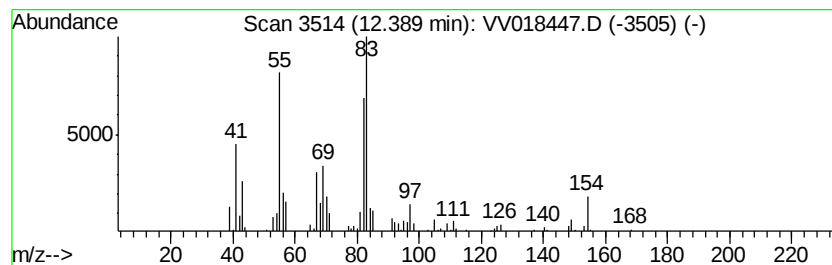
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic12.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.70 ug/L	92577	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

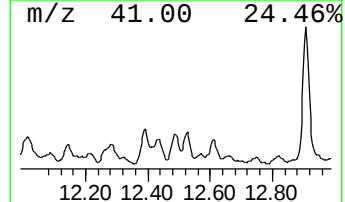
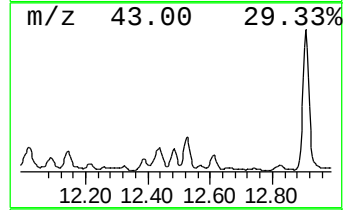
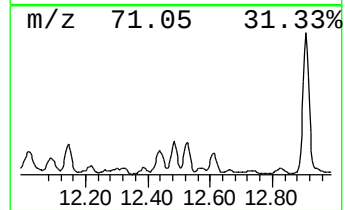
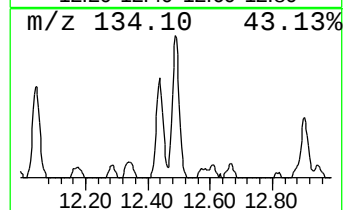
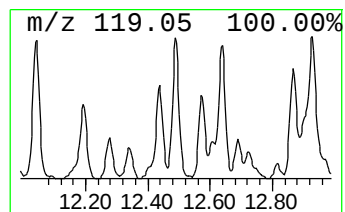
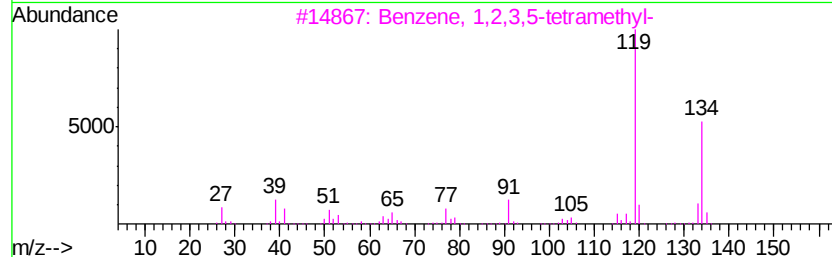
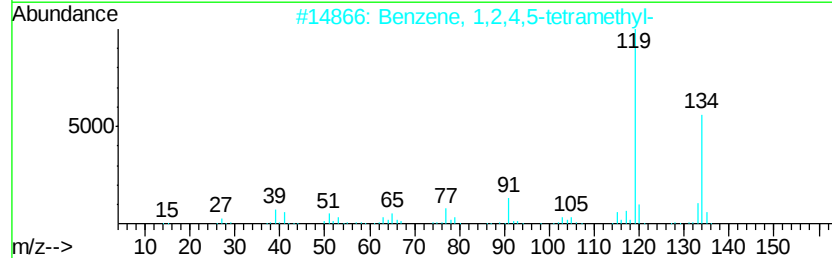
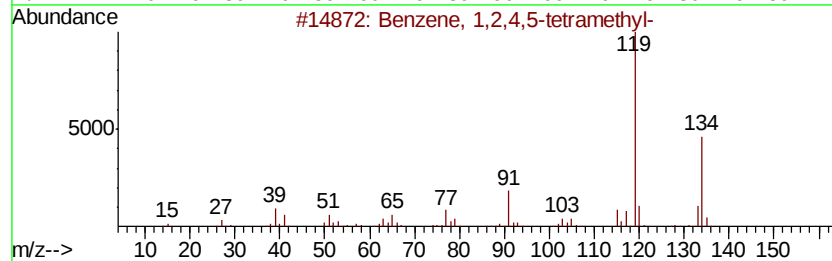
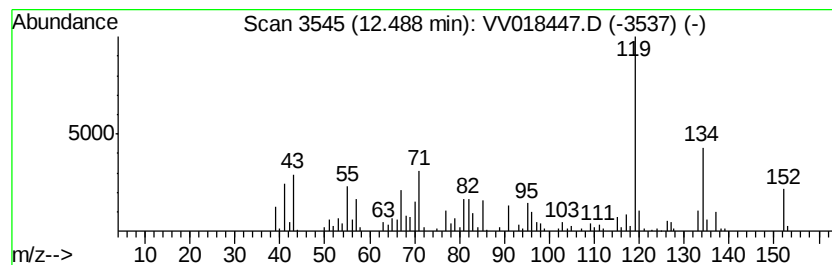
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.61 ug/L	90275	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

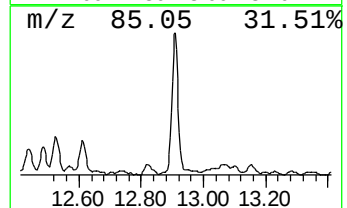
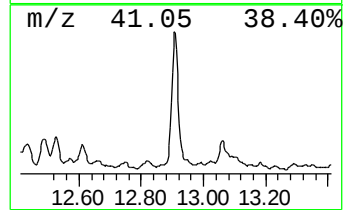
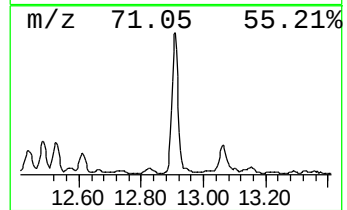
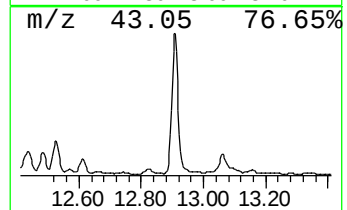
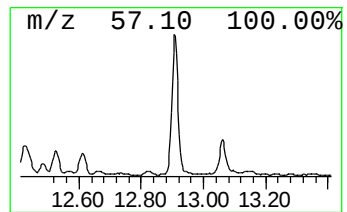
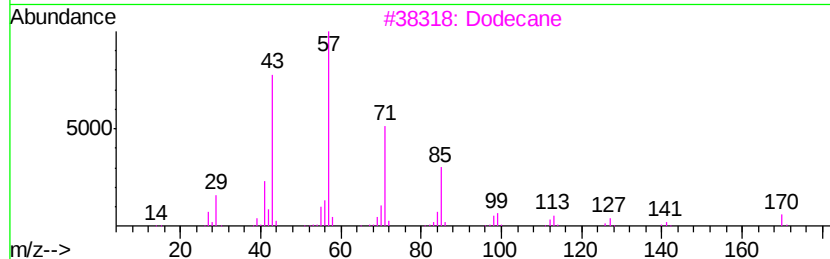
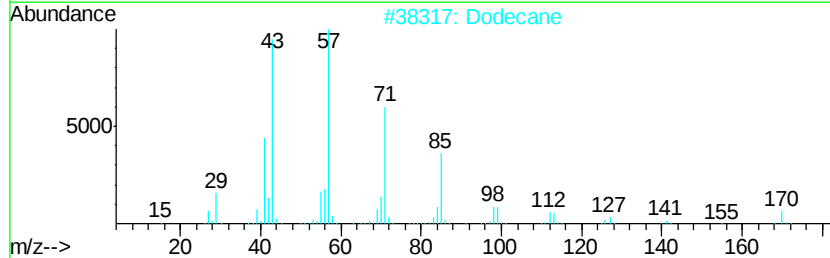
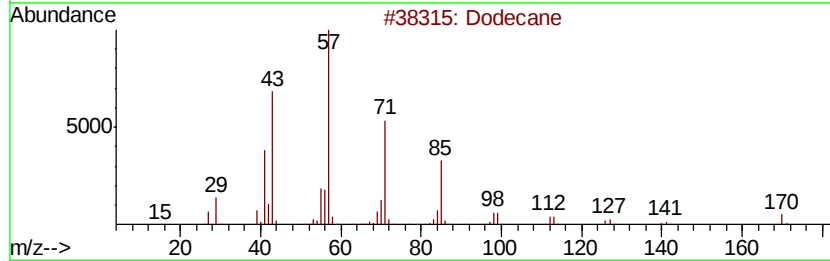
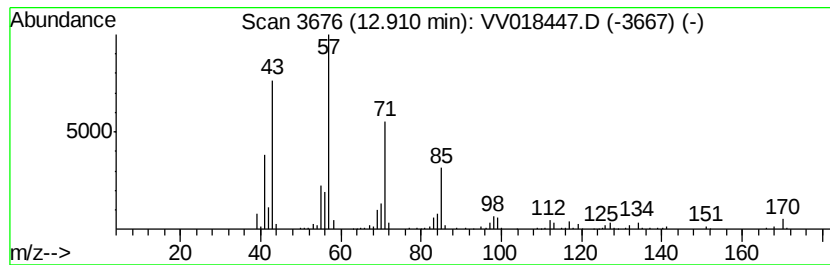
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	9.23 ug/L	230796	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Dodecane	170	C12H26	000112-40-3	93
3		Dodecane	170	C12H26	000112-40-3	81
4		Undecane	156	C11H24	001120-21-4	80
5		Dodecane	170	C12H26	000112-40-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

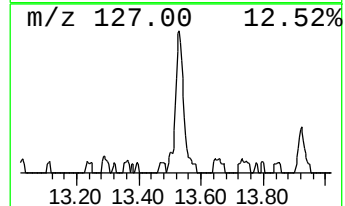
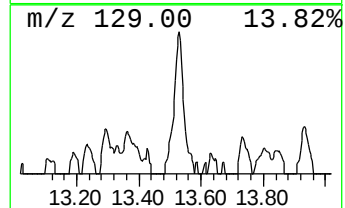
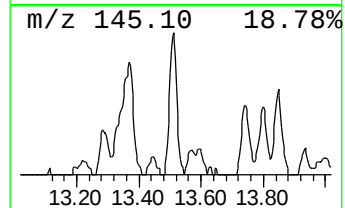
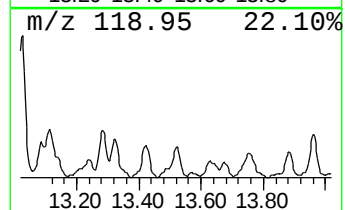
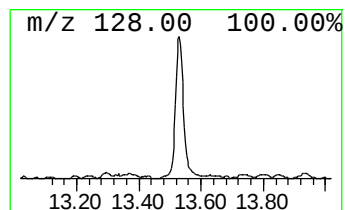
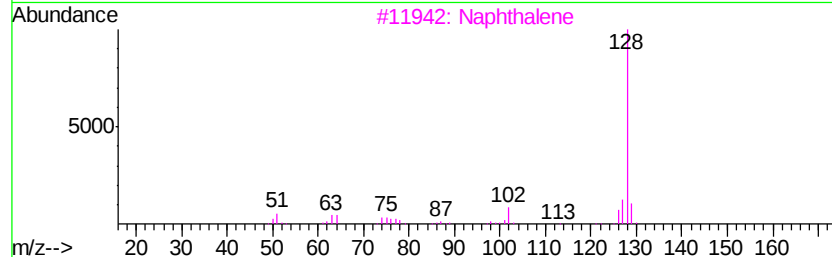
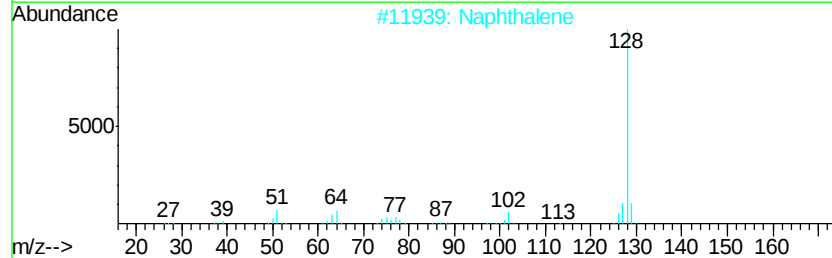
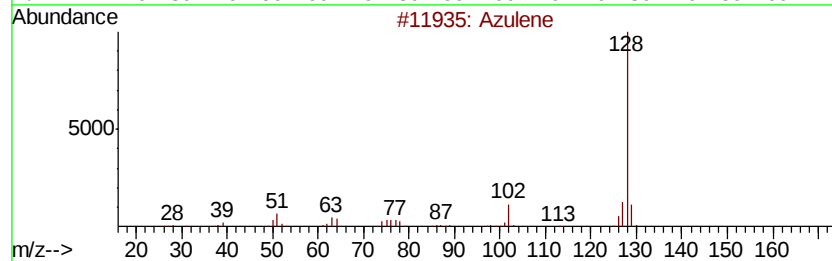
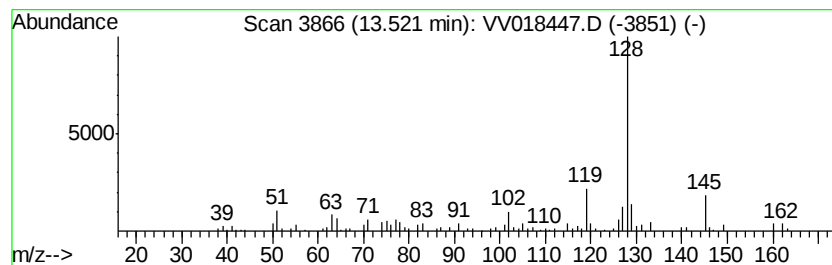
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Quant Title : VOC Analysis

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

Peak Number 16 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.81 ug/L	95311	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene		128	C10H8	000275-51-4	93
2	Naphthalene		128	C10H8	000091-20-3	93
3	Naphthalene		128	C10H8	000091-20-3	90
4	1H-Indene, 1-methylene-		128	C10H8	002471-84-3	90
5	Azulene		128	C10H8	000275-51-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
 Data File : VV018447.D
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 Operator : SY/MD
 Sample : L4109-03ME
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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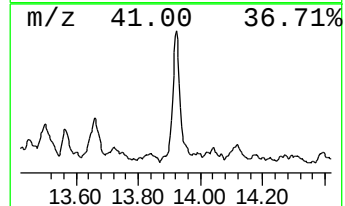
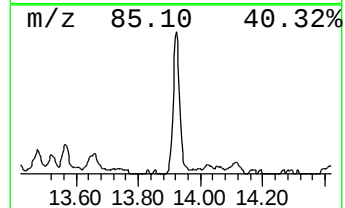
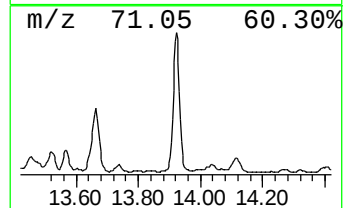
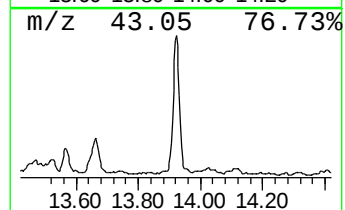
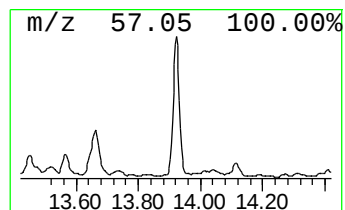
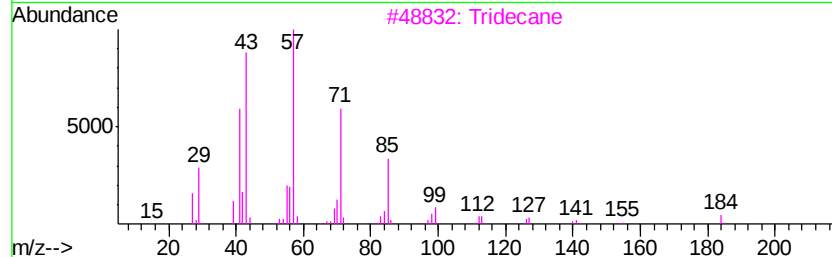
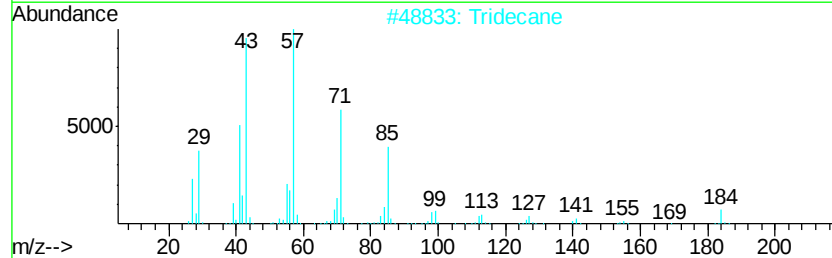
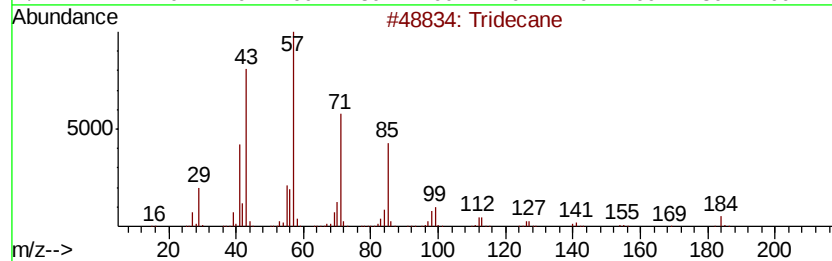
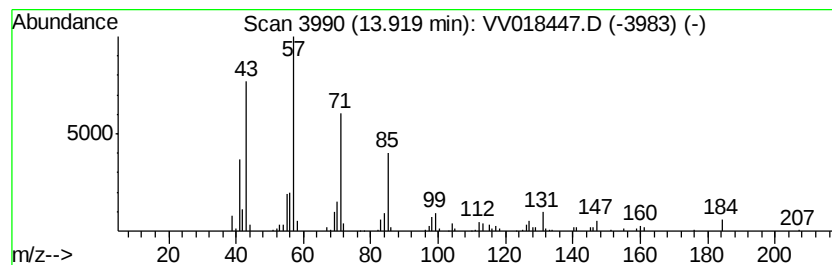
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 Quant Title : VOC Analysis

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

 Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.97 ug/L	99215	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	98
2		Tridecane	184	C13H28	000629-50-5	95
3		Tridecane	184	C13H28	000629-50-5	95
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

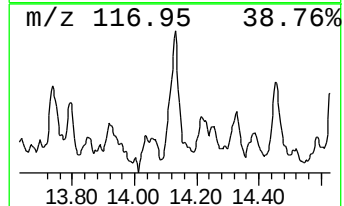
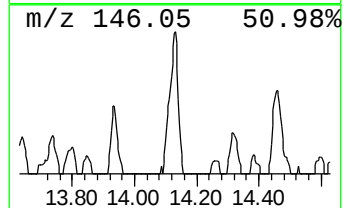
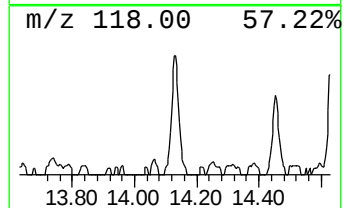
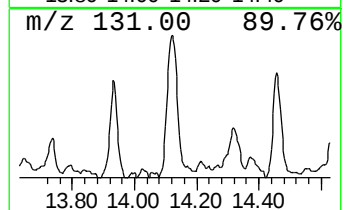
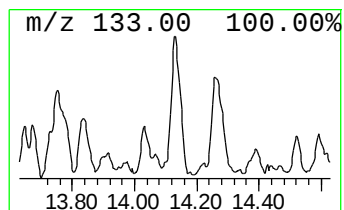
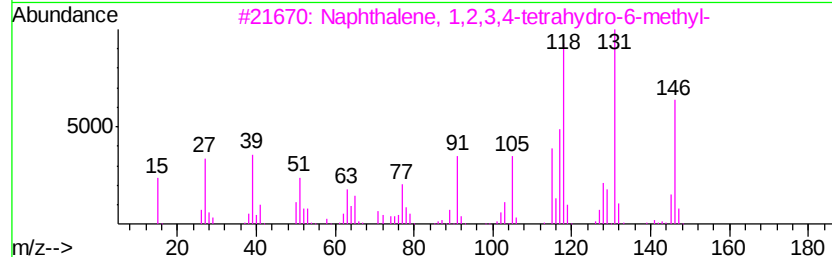
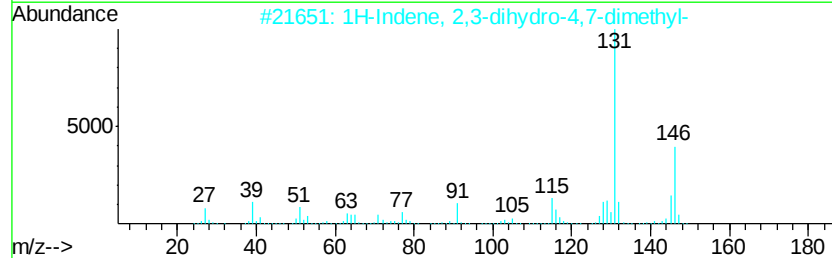
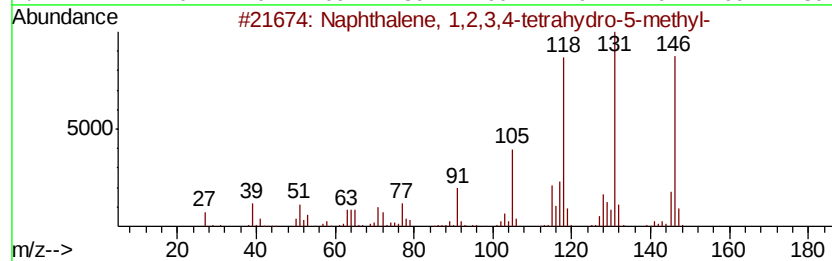
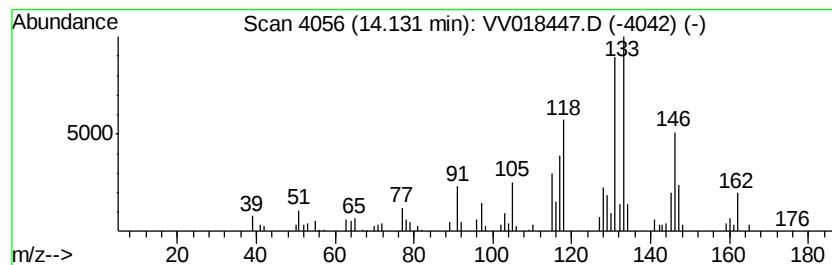
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Quant Title : VOC Analysis

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

Peak Number 18 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.53 ug/L	63366	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
5			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

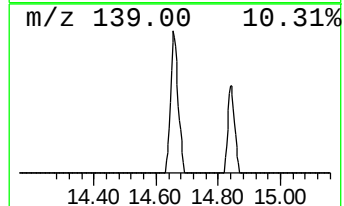
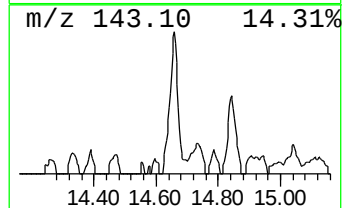
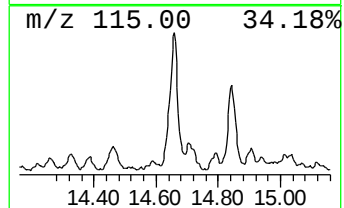
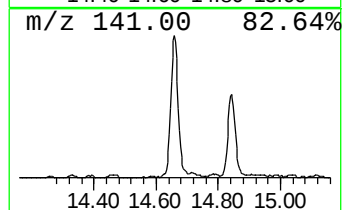
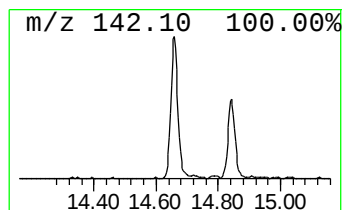
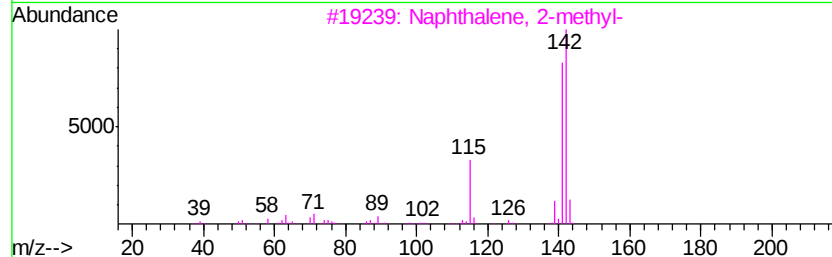
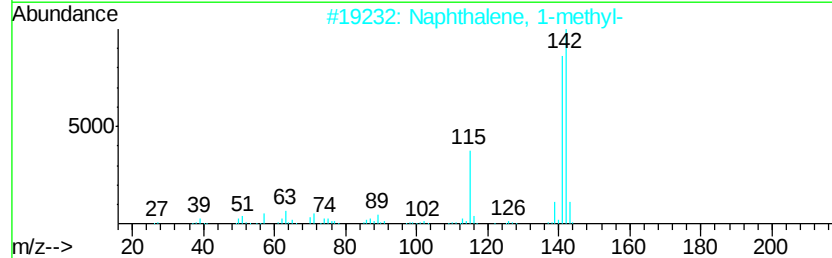
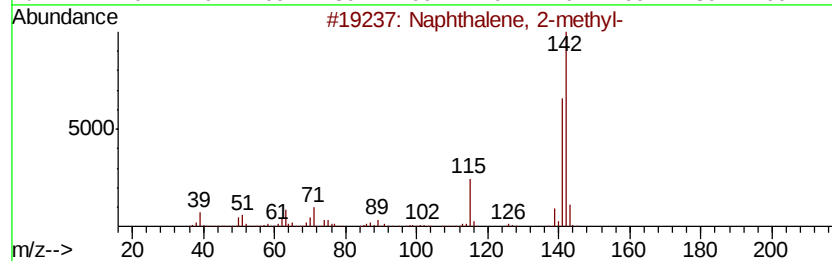
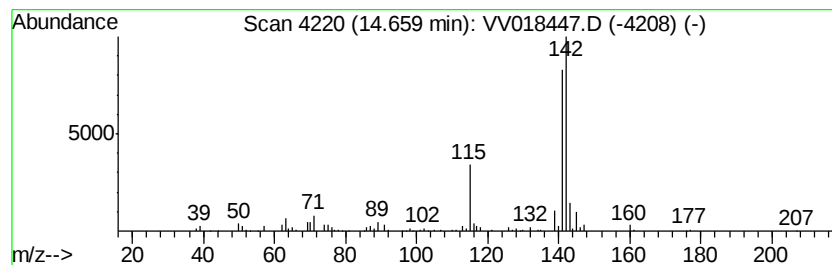
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.02 ug/L	100615	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2-methyl-	142 C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142 C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142 C11H10	000091-57-6	96
5	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

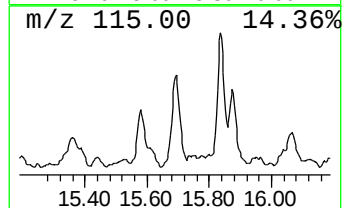
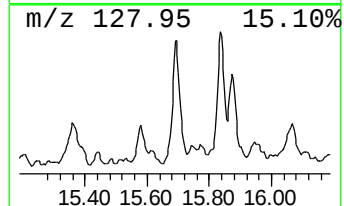
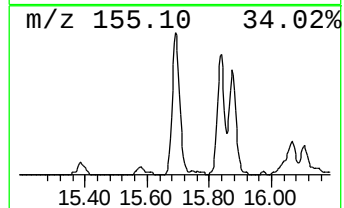
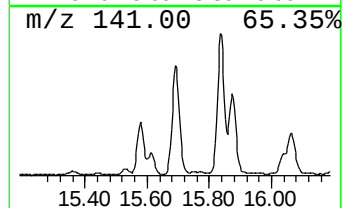
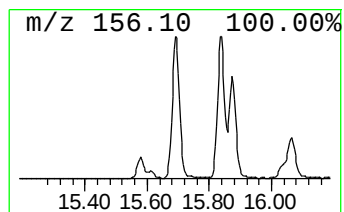
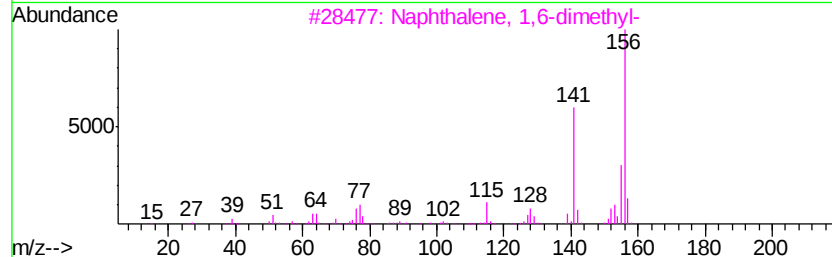
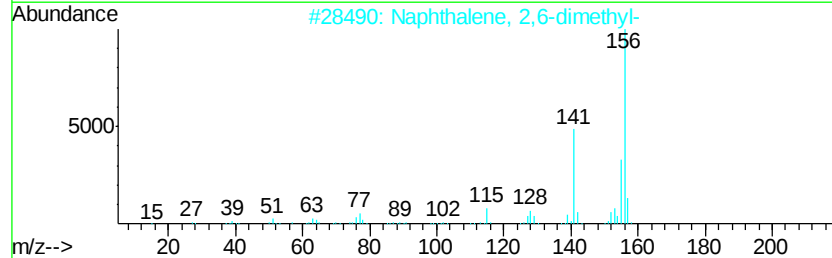
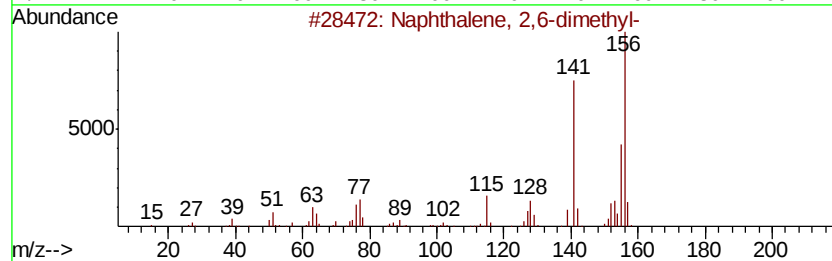
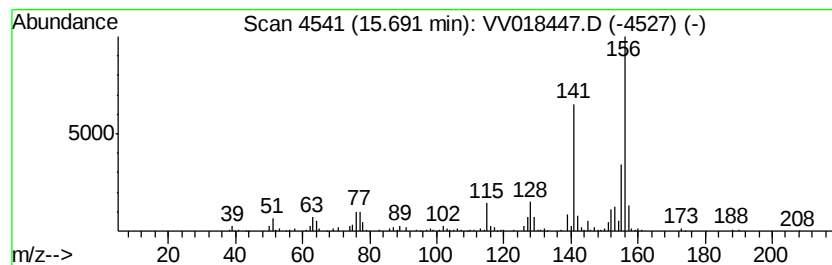
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.69	6.59 ug/L	164898	1,4-Dichlorobenzene-d4		11.27	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene,	2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene,	1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene,	1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene,	2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

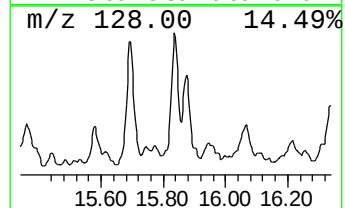
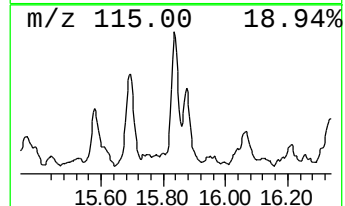
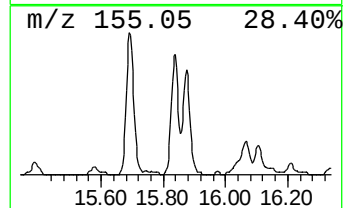
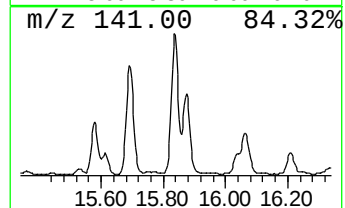
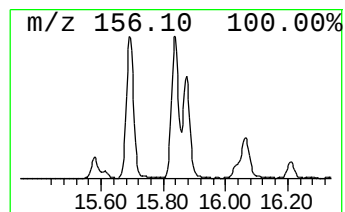
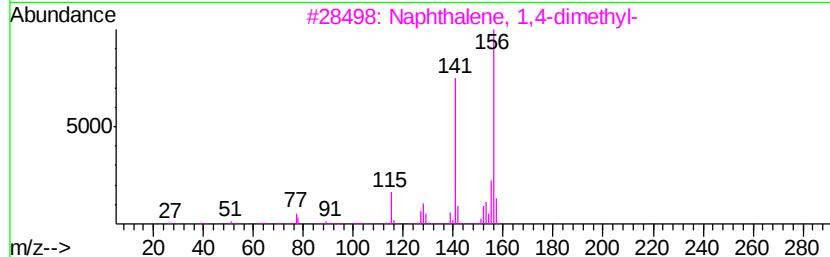
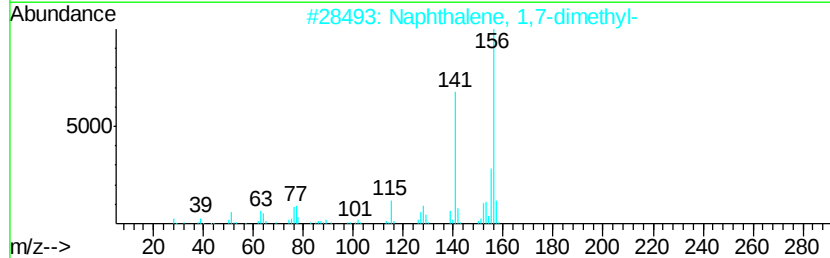
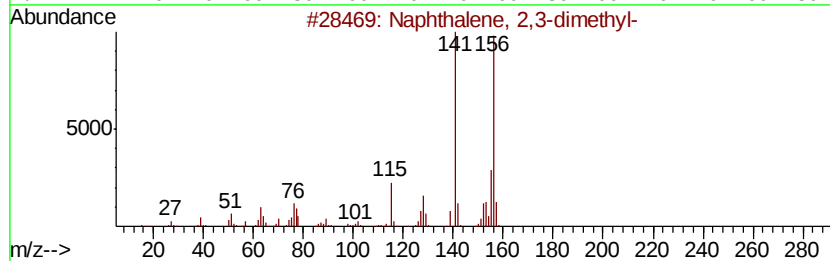
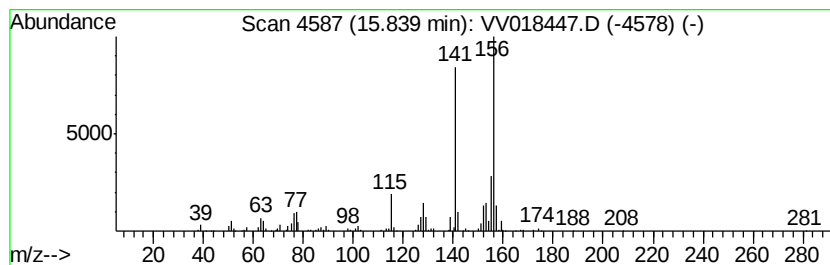
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.84	5.39 ug/L	134841	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

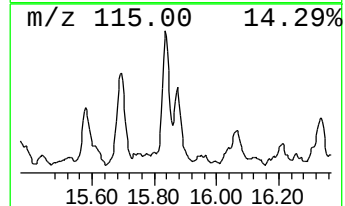
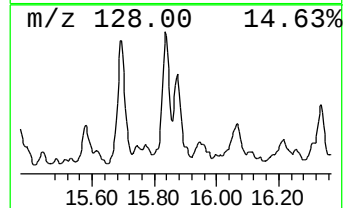
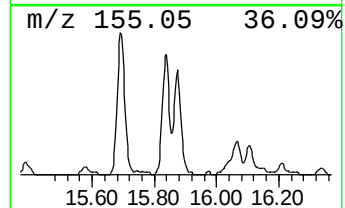
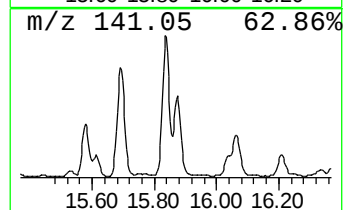
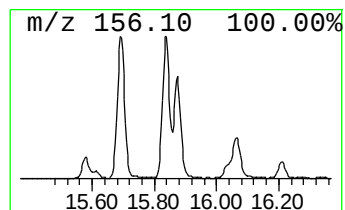
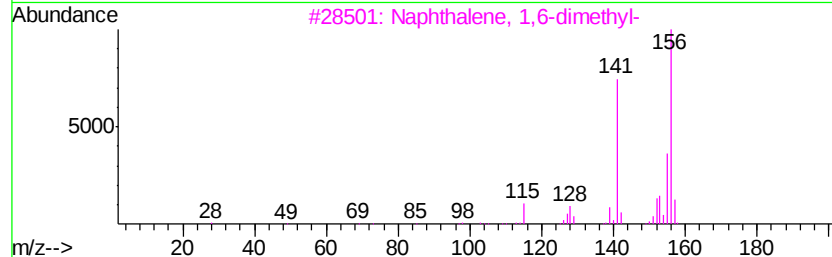
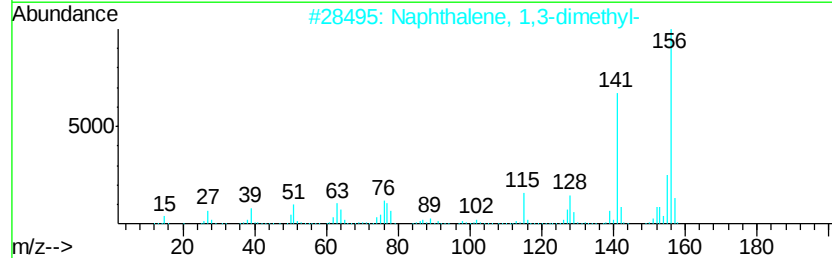
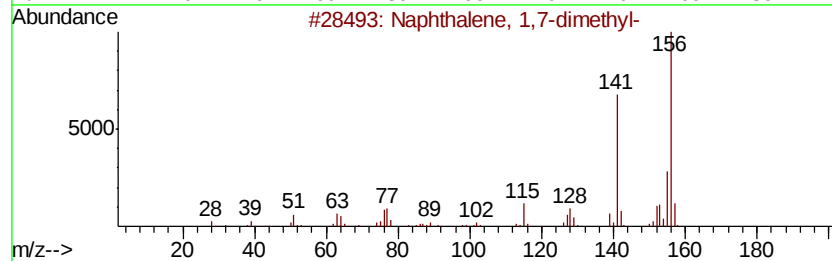
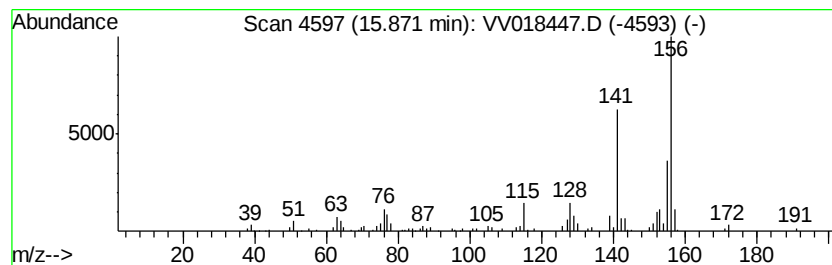
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 22 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.19 ug/L	104845	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9	95
4	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	95
5	Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

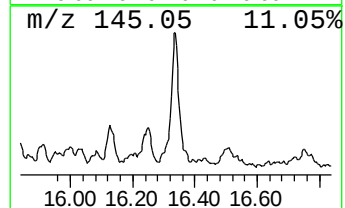
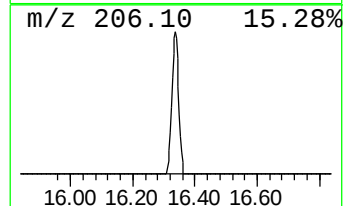
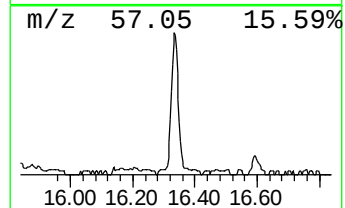
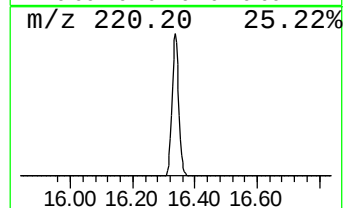
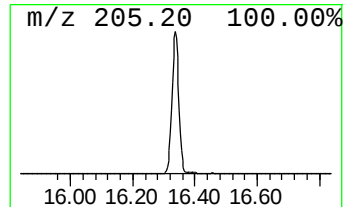
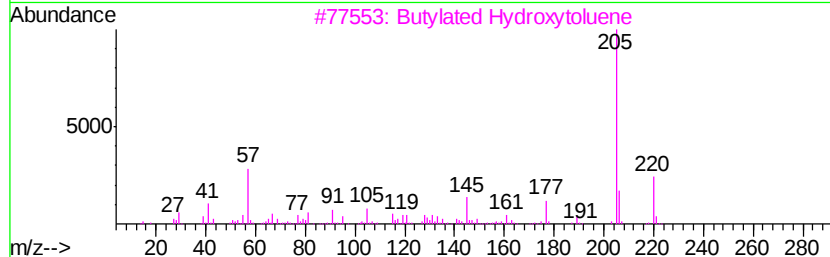
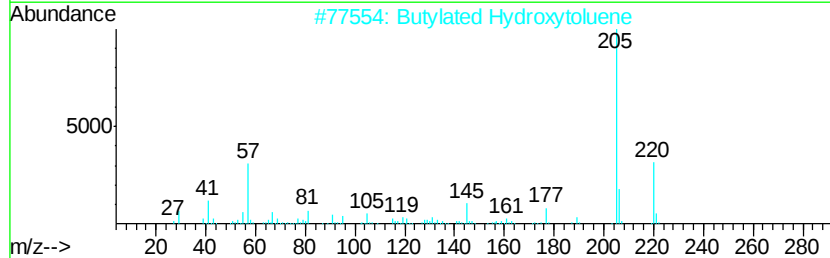
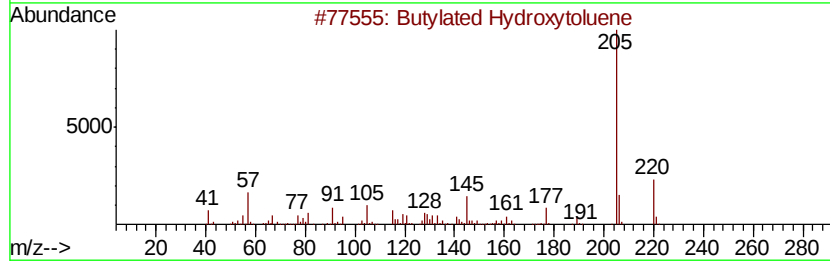
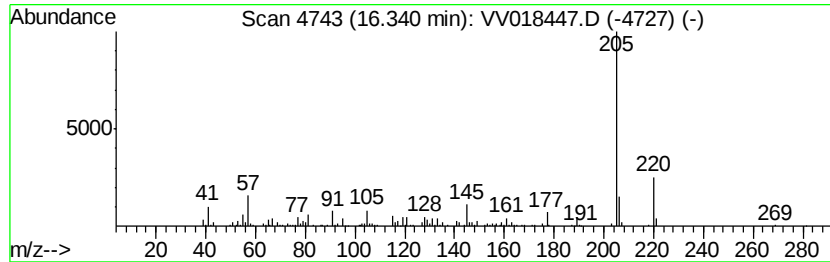
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 23 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	6.79 ug/L	169731	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092520\
 Data File : VV018447.D
 Acq On : 25 Sep 2020 12:01
 Operator : SY/MD
 Sample : L4109-03ME
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W7ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.04	4.4	ug/L	81933	1	5.64	926662	50.0
(DEL) Alkane: Str...	9.22	3.6	ug/L	84535	2	8.87	1173300	50.0
(DEL) Alkane: Str...	10.60	14.6	ug/L	366206	3	11.27	1250480	50.0
4-Heptanone, 2,6-...	10.72	6.5	ug/L	163229	3	11.27	1250480	50.0
(DEL) Alkane: Str...	10.90	2.6	ug/L	64060	3	11.27	1250480	50.0
(DEL) Alkane: Str...	11.39	2.8	ug/L	70716	3	11.27	1250480	50.0
(DEL) Alkane: Str...	11.49	2.9	ug/L	72004	3	11.27	1250480	50.0
(DEL) Alkane: Str...	11.81	17.0	ug/L	424130	3	11.27	1250480	50.0
o-Cymene	11.96	3.6	ug/L	89753	3	11.27	1250480	50.0
Benzenepropanal, ...	12.18	2.9	ug/L	72287	3	11.27	1250480	50.0
unknown-01	12.28	4.0	ug/L	99003	3	11.27	1250480	50.0
(DEL) Alkane: Cyc...	12.39	3.7	ug/L	92577	3	11.27	1250480	50.0
Benzene, 1,2,4,5-...	12.49	3.6	ug/L	90275	3	11.27	1250480	50.0
(DEL) Alkane: Str...	12.91	9.2	ug/L	230796	3	11.27	1250480	50.0
Azulene	13.52	3.8	ug/L	95311	3	11.27	1250480	50.0
(DEL) Alkane: Str...	13.92	4.0	ug/L	99215	3	11.27	1250480	50.0
unknown-02	14.13	2.5	ug/L	63366	3	11.27	1250480	50.0
Naphthalene, 1-me...	14.66	4.0	ug/L	100615	3	11.27	1250480	50.0
Naphthalene, 2,6-...	15.69	6.6	ug/L	164898	3	11.27	1250480	50.0
Naphthalene, 2,3-...	15.84	5.4	ug/L	134841	3	11.27	1250480	50.0
Naphthalene, 1,7-...	15.87	4.2	ug/L	104845	3	11.27	1250480	50.0
Butylated Hydroxy...	16.34	6.8	ug/L	169731	3	11.27	1250480	50.0