

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021976.D
 Acq On : 27 Aug 2021 15:16
 Operator : SY/MD
 Sample : M3549-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M

Title : VOC Analysis

Signal : TIC: VV021976.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	99	rVB	197258	195462	14.50%	1.607%
2	1.378	99	105	113	rBV	17612	18158	1.35%	0.149%
3	1.564	156	163	177	rVV	151684	176418	13.09%	1.451%
4	1.632	180	184	193	rVB2	8679	10062	0.75%	0.083%
5	1.873	255	259	268	rVB	7539	9385	0.70%	0.077%
6	2.037	307	310	318	rVB6	1259	1549	0.11%	0.013%
7	2.105	320	331	343	rBV	299466	442275	32.80%	3.637%
8	2.281	377	386	397	rVV5	4471	8884	0.66%	0.073%
9	2.497	445	453	464	rVB7	3721	7576	0.56%	0.062%
10	2.577	472	478	482	rBV4	943	1150	0.09%	0.009%
11	2.767	529	537	550	rVB9	1389	2733	0.20%	0.022%
12	3.532	767	775	777	rBV6	1303	1628	0.12%	0.013%
13	3.667	807	817	821	rBV4	2022	3253	0.24%	0.027%
14	3.748	836	842	844	rBV2	1179	1150	0.09%	0.009%
15	3.767	844	848	859	rVB3	1981	3055	0.23%	0.025%
16	3.876	870	882	913	rBV	107992	300404	22.28%	2.470%
17	4.349	1012	1029	1062	rBV	209637	530606	39.36%	4.363%
18	4.674	1124	1130	1131	rBV3	1550	1454	0.11%	0.012%
19	4.767	1144	1159	1180	rVB2	16549	44027	3.27%	0.362%
20	4.950	1198	1216	1230	rBV3	20850	51773	3.84%	0.426%
21	5.050	1230	1247	1276	rBV2	526761	1348243	100.00%	11.087%
22	5.320	1326	1331	1335	rBV5	1640	1834	0.14%	0.015%
23	5.619	1412	1424	1459	rBV	410571	843157	62.54%	6.934%
24	5.911	1504	1515	1531	rBV3	15751	33971	2.52%	0.279%
25	6.072	1551	1565	1595	rBV	294913	696103	51.63%	5.724%
26	6.464	1671	1687	1701	rBV	44141	91502	6.79%	0.752%
27	6.632	1727	1739	1757	rBV3	24835	50495	3.75%	0.415%
28	6.773	1779	1783	1788	rBV5	1072	1077	0.08%	0.009%
29	6.841	1797	1804	1810	rBV5	3405	5489	0.41%	0.045%
30	6.989	1838	1850	1876	rBV	182790	347685	25.79%	2.859%
31	7.178	1901	1909	1921	rVB4	9124	18621	1.38%	0.153%
32	7.272	1925	1938	1941	rBV2	37766	63878	4.74%	0.525%
33	7.317	1943	1952	1972	rVB	655813	1156251	85.76%	9.509%
34	7.448	1986	1993	2002	rVB3	28171	44968	3.34%	0.370%
35	7.625	2030	2048	2054	rBV	108834	194674	14.44%	1.601%
36	7.789	2083	2099	2112	rVV2	31490	60210	4.47%	0.495%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Title : VOC Analysis

37	7.847	2112	2117	2125	rVB8	2723	3710	0.28%	0.031%
38	8.040	2169	2177	2183	rBV7	1512	2660	0.20%	0.022%
39	8.091	2183	2193	2225	rBV2	329910	623345	46.23%	5.126%
40	8.236	2232	2238	2247	rVB3	16305	25490	1.89%	0.210%
41	8.355	2265	2275	2285	rBV	48308	85281	6.33%	0.701%
42	8.509	2311	2323	2334	rBV8	8609	17439	1.29%	0.143%
43	8.596	2335	2350	2370	rVB8	11593	31422	2.33%	0.258%
44	8.731	2383	2392	2397	rBV10	2170	3646	0.27%	0.030%
45	8.780	2401	2407	2409	rBV6	2045	2175	0.16%	0.018%
46	8.853	2419	2430	2446	rBV	609159	1006778	74.67%	8.279%
47	9.107	2501	2509	2516	rBV7	12989	24869	1.84%	0.205%
48	9.320	2567	2575	2587	rBV4	9331	16094	1.19%	0.132%
49	9.480	2610	2625	2640	rBV5	14402	39019	2.89%	0.321%
50	9.554	2642	2648	2654	rBV7	4350	6108	0.45%	0.050%
51	9.706	2681	2695	2714	rVB2	33053	63088	4.68%	0.519%
52	9.802	2715	2725	2736	rBV4	14642	29095	2.16%	0.239%
53	9.924	2757	2763	2766	rBV7	972	1042	0.08%	0.009%
54	10.130	2816	2827	2839	rVB5	13650	23504	1.74%	0.193%
55	10.220	2843	2855	2879	rBV	402493	660439	48.99%	5.431%
56	10.458	2921	2929	2931	rBV6	3817	4847	0.36%	0.040%
57	10.741	3004	3017	3025	rBV10	7098	13448	1.00%	0.111%
58	10.869	3049	3057	3064	rBV5	3428	5851	0.43%	0.048%
59	10.921	3067	3073	3085	rVB4	6806	10262	0.76%	0.084%
60	11.030	3096	3107	3110	rBV8	3098	4645	0.34%	0.038%
61	11.062	3112	3117	3121	rVB4	2956	3122	0.23%	0.026%
62	11.152	3136	3145	3153	rBV6	4663	8749	0.65%	0.072%
63	11.252	3164	3176	3197	rBV	671047	1050456	77.91%	8.639%
64	11.458	3236	3240	3250	rVB2	5620	7005	0.52%	0.058%
65	11.545	3250	3267	3277	rBV7	12574	29598	2.20%	0.243%
66	11.625	3280	3292	3311	rVB	663327	1051732	78.01%	8.649%
67	11.750	3322	3331	3340	rBV3	8515	13494	1.00%	0.111%
68	11.947	3388	3392	3397	rVB4	1131	1025	0.08%	0.008%
69	12.021	3398	3415	3422	rBV	23697	40537	3.01%	0.333%
70	12.120	3438	3446	3466	rVB5	18757	44586	3.31%	0.367%
71	12.197	3467	3470	3478	rVB5	3935	3482	0.26%	0.029%
72	12.252	3478	3487	3489	rBV7	2078	2996	0.22%	0.025%
73	12.303	3496	3503	3512	rVB	9877	14768	1.10%	0.121%
74	12.355	3513	3519	3523	rBV7	3064	4398	0.33%	0.036%
75	12.381	3524	3527	3529	rVV3	3993	3294	0.24%	0.027%
76	12.416	3532	3538	3550	rVB	19000	27714	2.06%	0.228%

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 Title : VOC Analysis

77	12.480	3553	3558	3559	rBV5	1331	1077	0.08%	0.009%
78	12.551	3574	3580	3590	rBV4	5271	6678	0.50%	0.055%
79	12.648	3600	3610	3616	rVV3	6804	10227	0.76%	0.084%
80	12.693	3617	3624	3636	rVB3	8187	14361	1.07%	0.118%
81	12.760	3642	3645	3651	rVB4	2849	2823	0.21%	0.023%
82	12.882	3669	3683	3694	rBV2	113437	180640	13.40%	1.486%
83	13.008	3715	3722	3727	rBV3	3392	4896	0.36%	0.040%
84	13.172	3766	3773	3776	rBV6	2813	3186	0.24%	0.026%
85	13.217	3782	3787	3796	rVB5	5506	7825	0.58%	0.064%
86	13.275	3796	3805	3813	rBV3	16232	24328	1.80%	0.200%
87	13.509	3862	3878	3884	rBV3	13684	28551	2.12%	0.235%
88	13.551	3884	3891	3902	rVB	19650	29735	2.21%	0.245%
89	13.615	3905	3911	3922	rVV8	3879	5578	0.41%	0.046%
90	13.712	3930	3941	3944	rBV6	6721	9595	0.71%	0.079%
91	13.911	3999	4003	4005	rBV5	2152	1501	0.11%	0.012%
92	14.088	4051	4058	4074	rVV5	5341	11606	0.86%	0.095%
93	14.236	4097	4104	4113	rBV6	3727	4811	0.36%	0.040%
94	14.300	4117	4124	4134	rVB8	2377	4169	0.31%	0.034%
95	14.435	4158	4166	4178	rBV8	8650	15845	1.18%	0.130%
96	14.618	4217	4223	4224	rBV3	1595	1444	0.11%	0.012%
97	14.689	4239	4245	4253	rVB7	2029	2918	0.22%	0.024%
98	14.763	4264	4268	4273	rBV4	1189	1059	0.08%	0.009%
99	14.824	4279	4287	4299	rBV8	2901	5607	0.42%	0.046%
100	15.339	4443	4447	4457	rVB7	873	1296	0.10%	0.011%

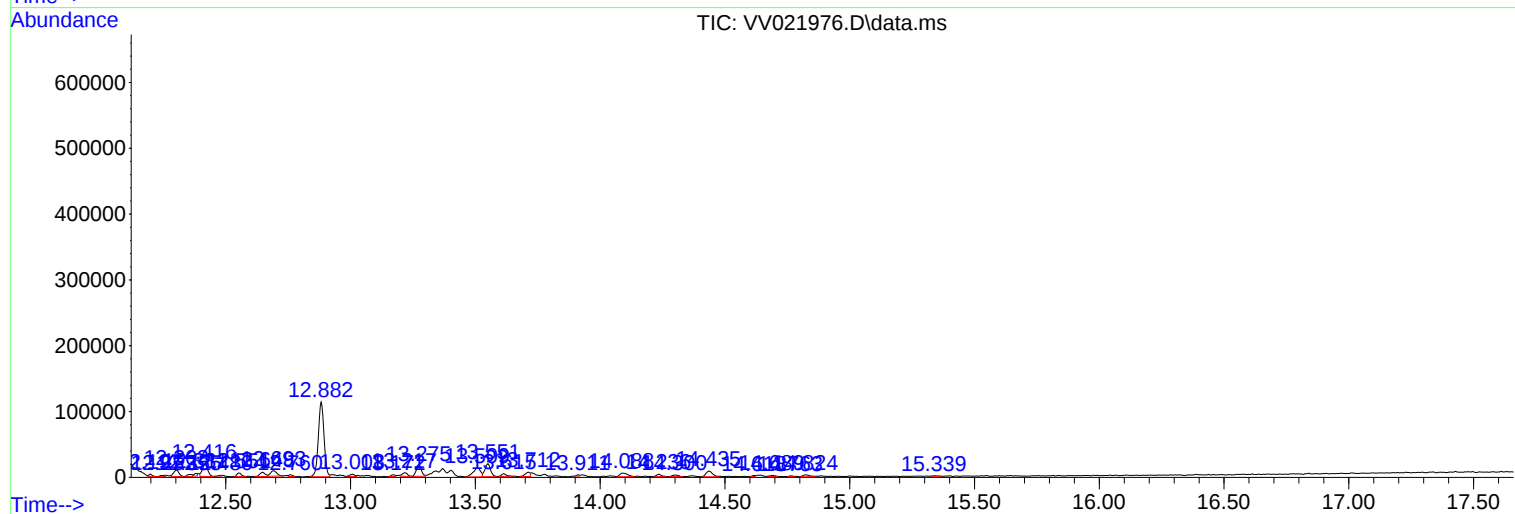
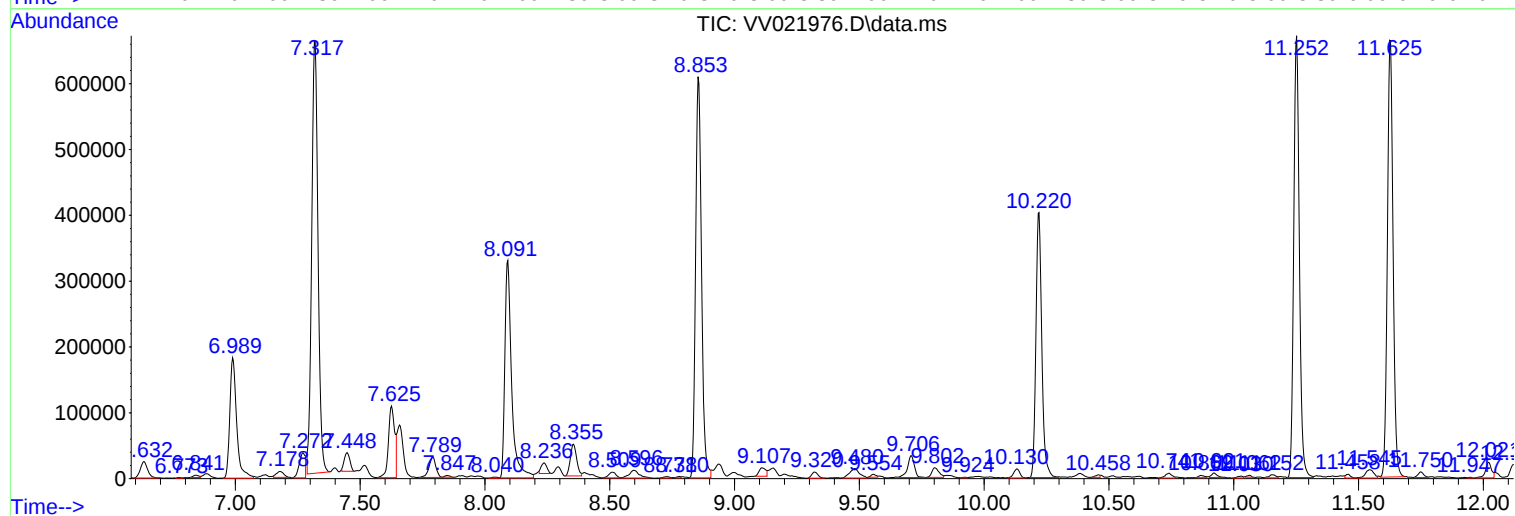
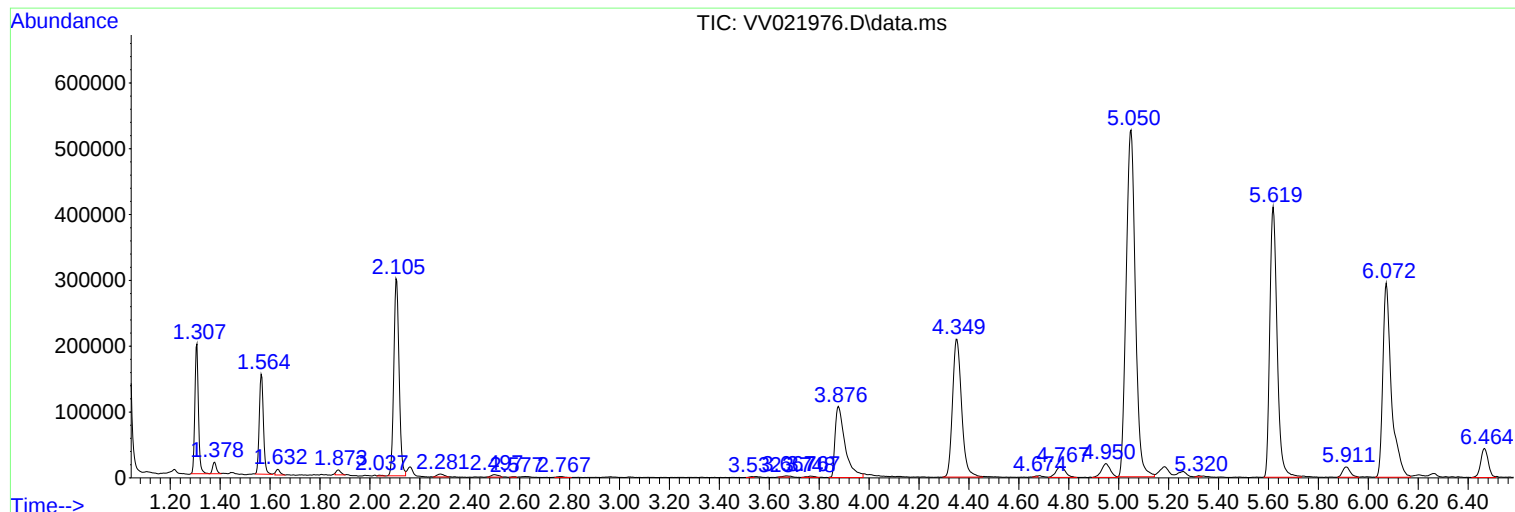
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
EW7A4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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ClientSampled :
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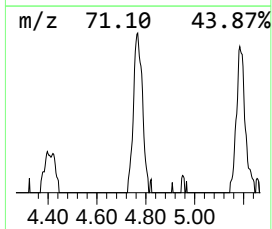
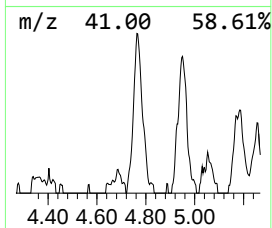
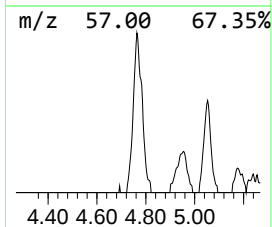
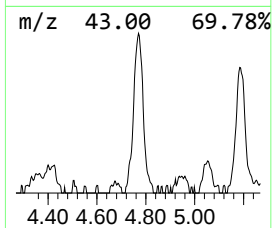
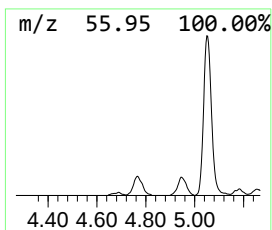
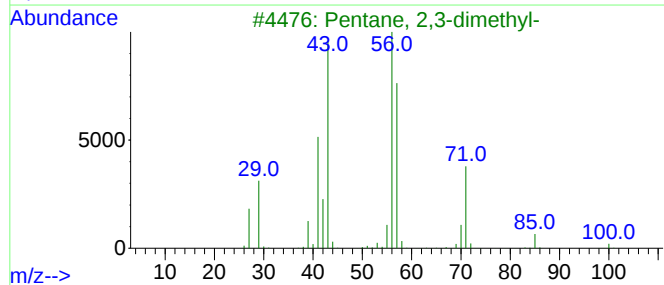
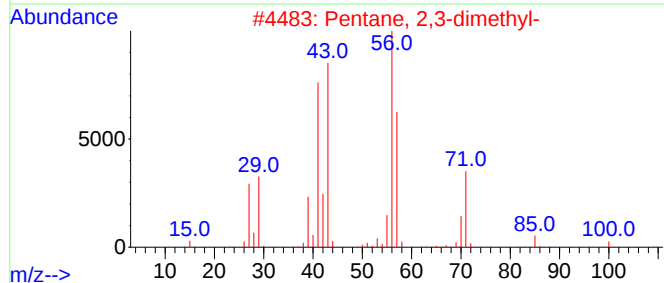
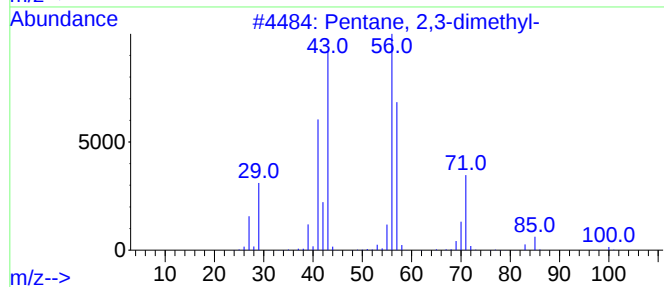
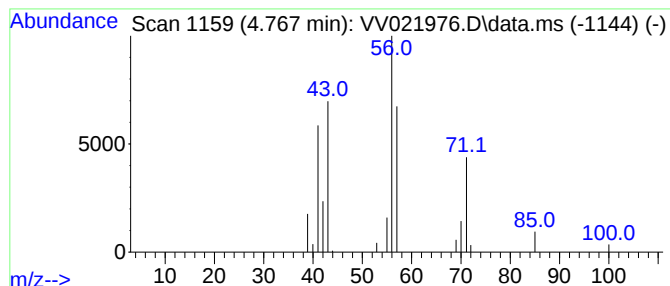
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.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.
4.767	2.61 ug/L	44027	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45



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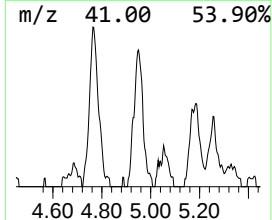
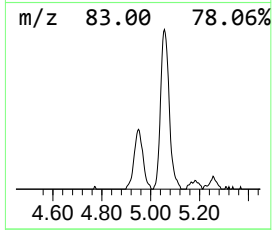
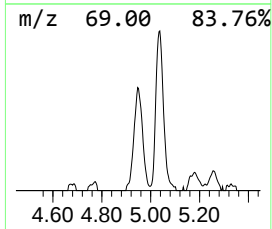
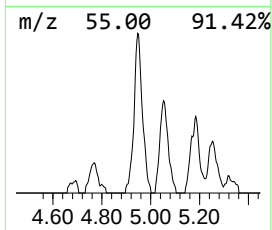
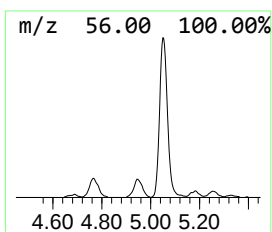
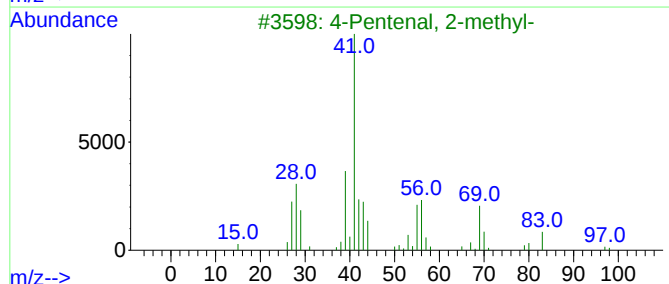
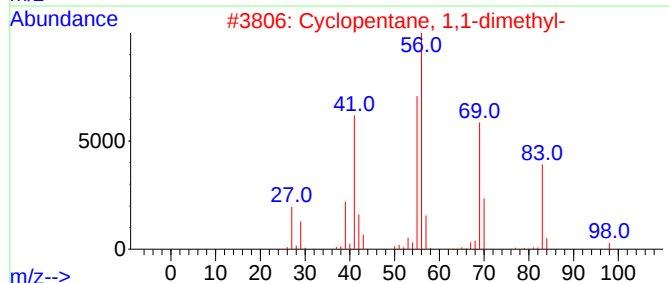
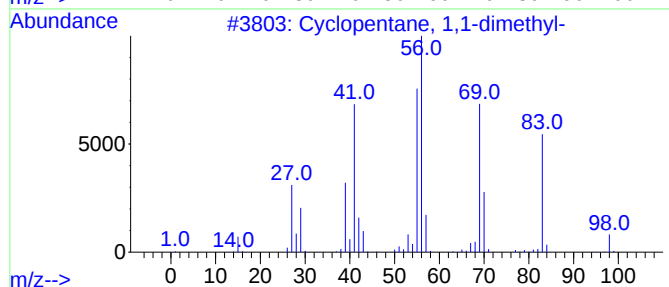
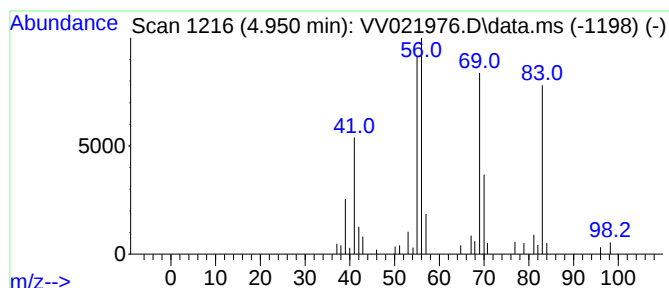
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic4.950 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.950	3.07 ug/L	51773	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	95
2		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	91
3		4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	59
4		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
5		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38



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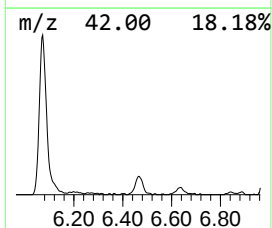
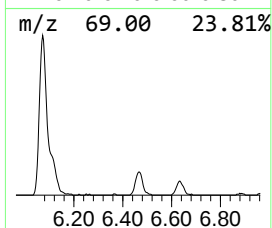
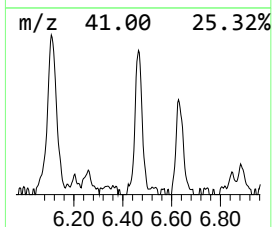
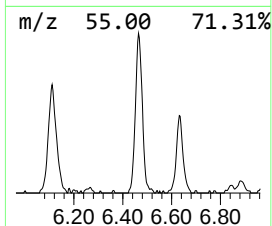
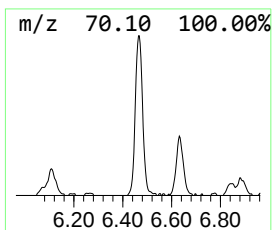
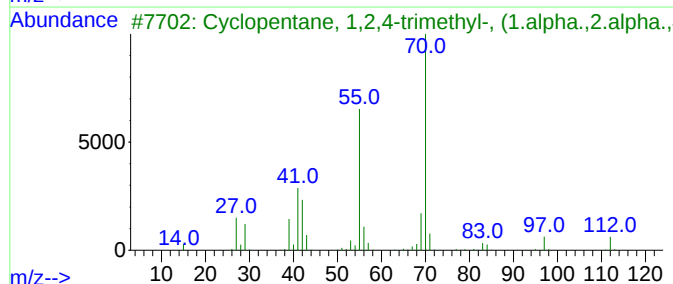
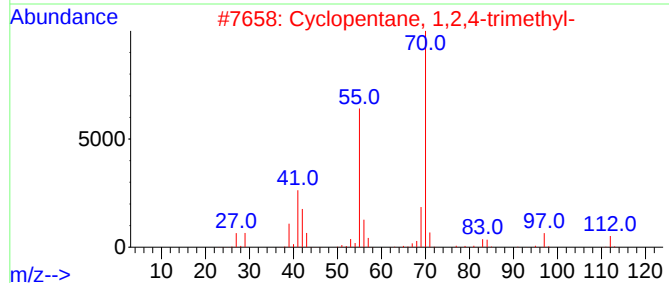
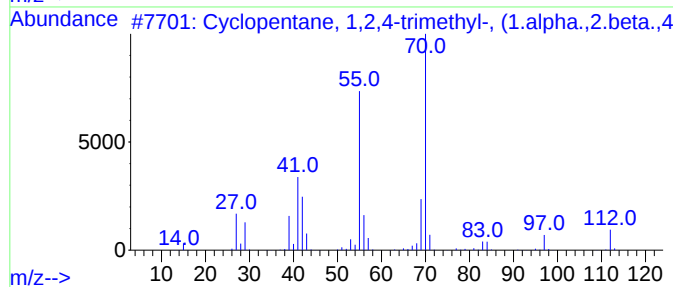
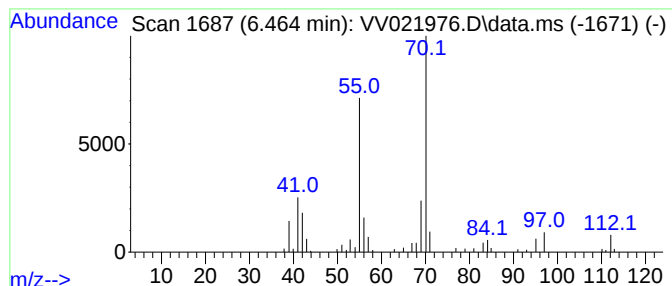
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic6.464 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.464	5.43 ug/L	91502	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
5			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021976.D
Acq On : 27 Aug 2021 15:16
Operator : SY/MD
Sample : M3549-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW7A4

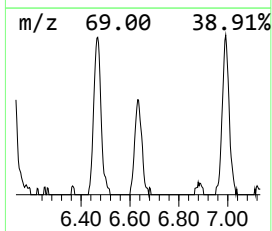
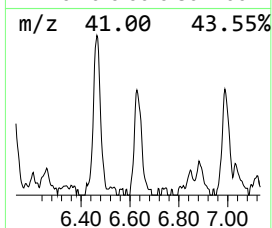
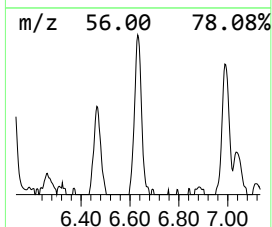
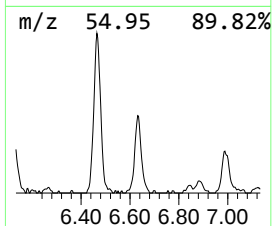
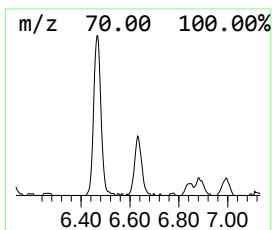
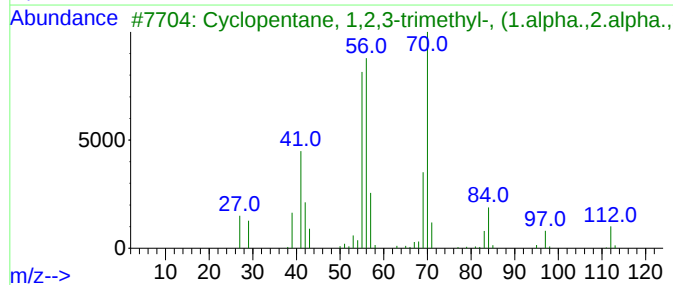
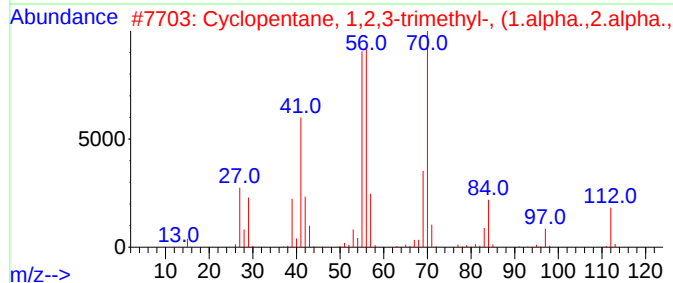
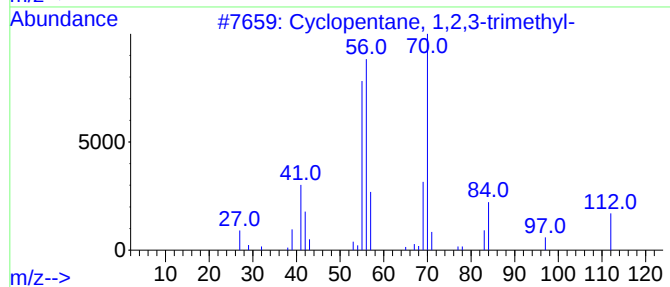
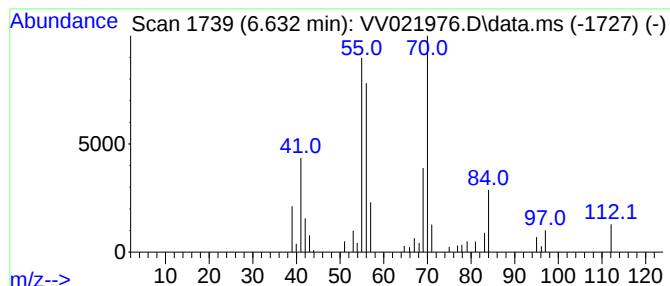
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic6.632 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.632	2.99 ug/L	50495	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	72
5			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021976.D
Acq On : 27 Aug 2021 15:16
Operator : SY/MD
Sample : M3549-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW7A4

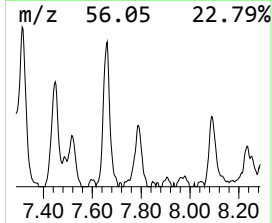
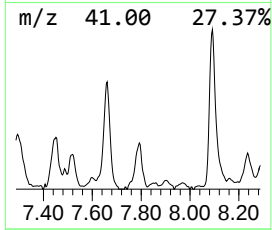
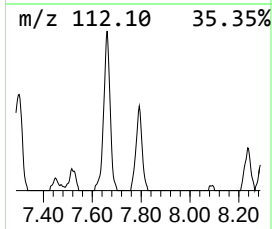
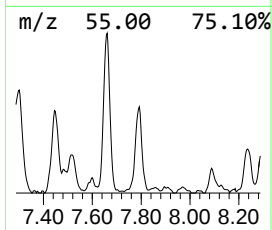
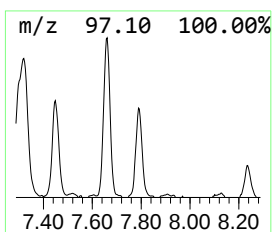
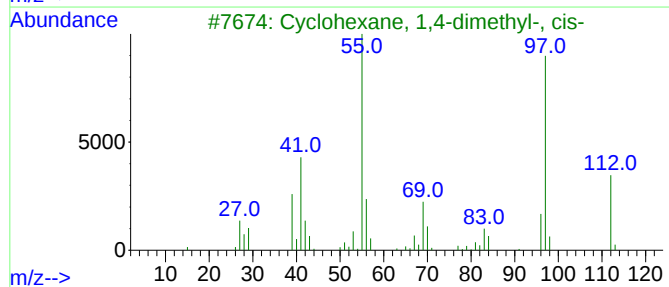
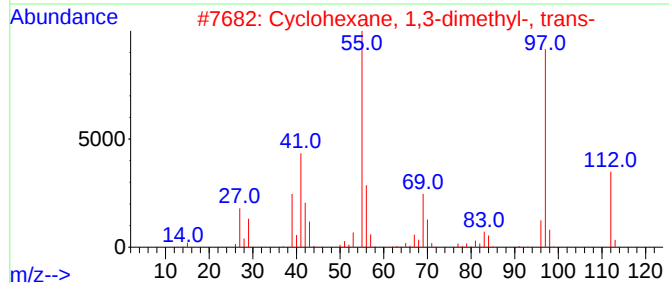
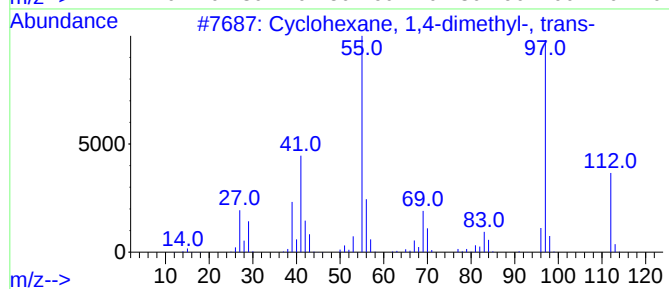
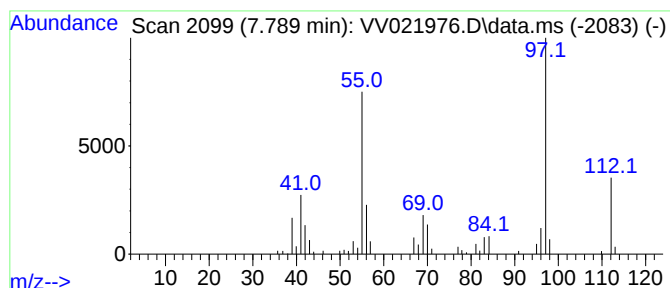
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic7.789 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.789	2.99 ug/L	60210	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021976.D
Acq On : 27 Aug 2021 15:16
Operator : SY/MD
Sample : M3549-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW7A4

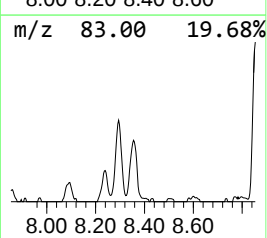
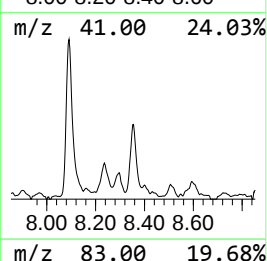
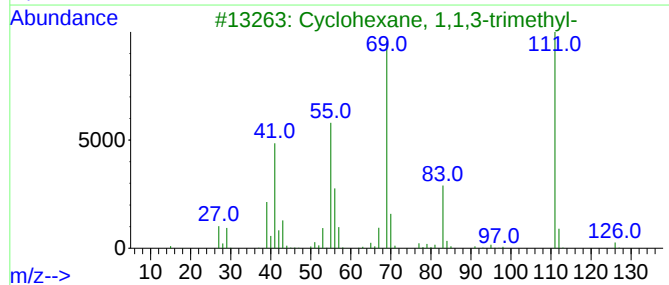
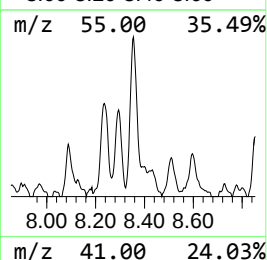
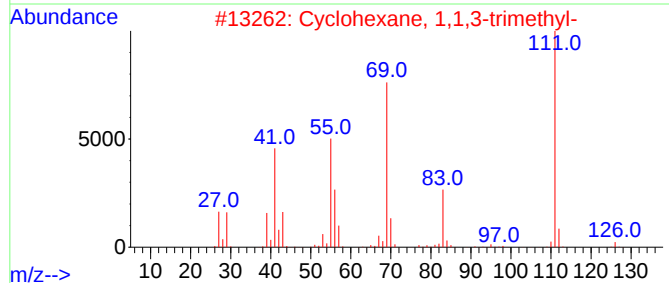
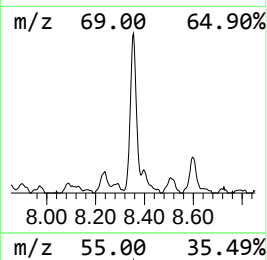
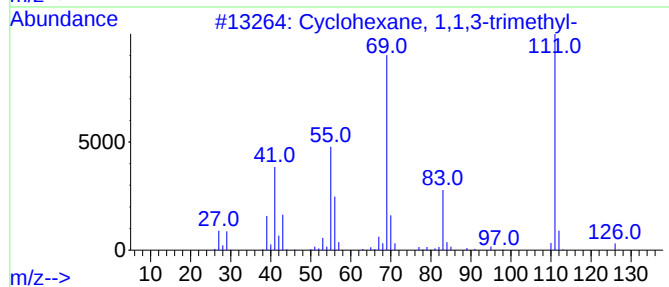
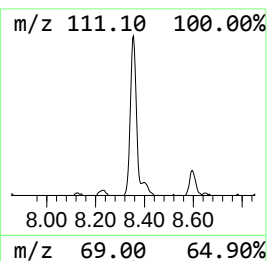
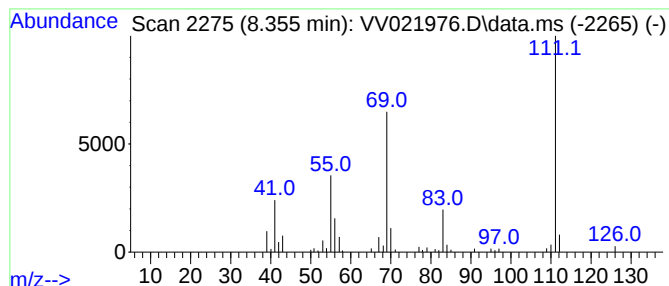
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic8.355 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.355	4.24 ug/L	85281	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
5			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021976.D
Acq On : 27 Aug 2021 15:16
Operator : SY/MD
Sample : M3549-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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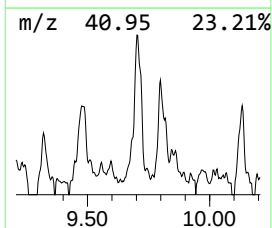
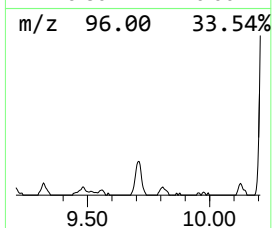
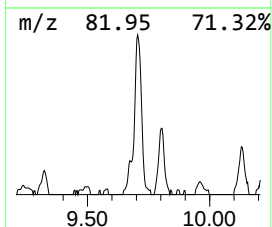
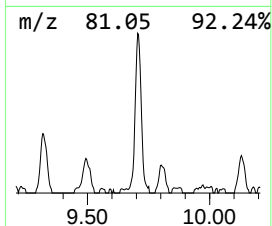
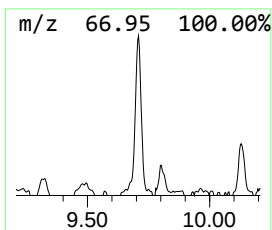
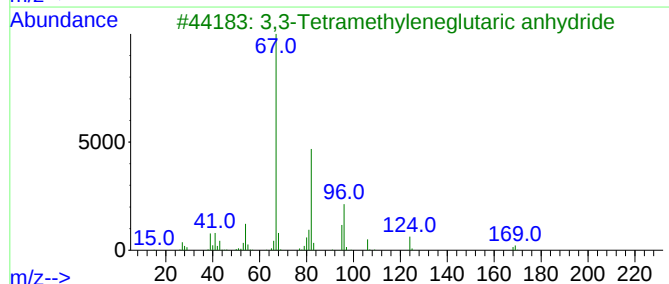
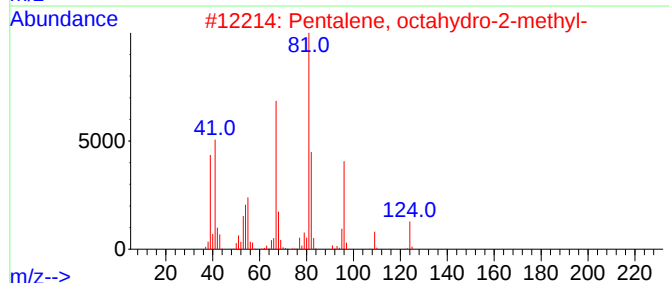
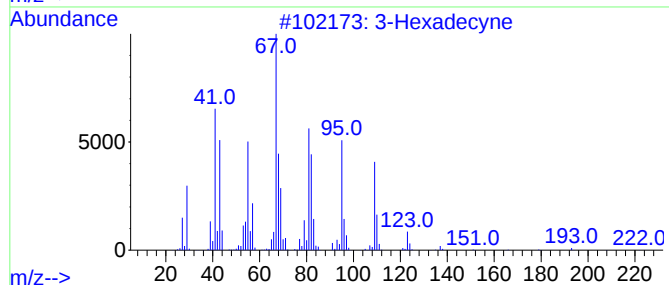
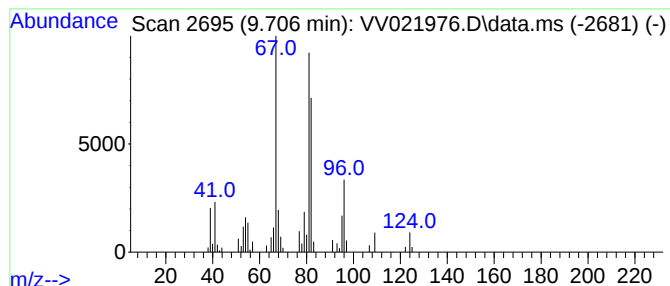
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Quant Title : VOC Analysis

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

Peak Number 8 3-Hexadecyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.706	3.13 ug/L	63088	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexadecyne	222	C16H30	061886-62-2	64
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
3			3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	50
4			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
5			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021976.D
Acq On : 27 Aug 2021 15:16
Operator : SY/MD
Sample : M3549-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW7A4

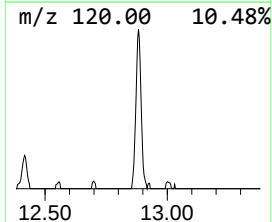
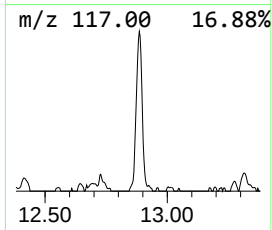
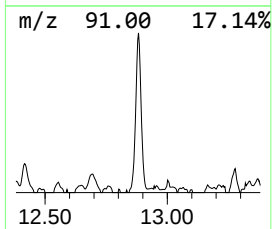
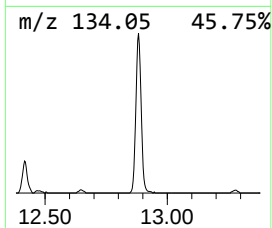
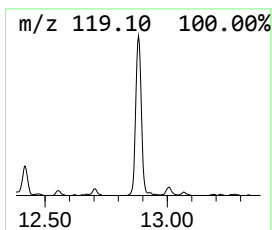
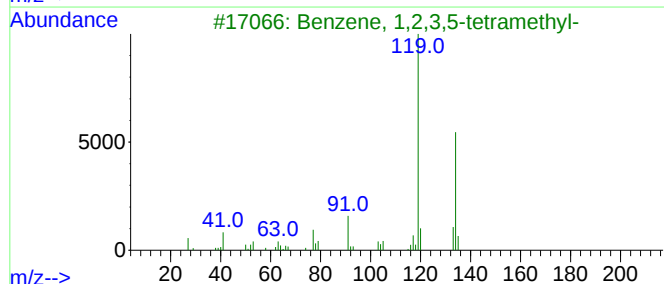
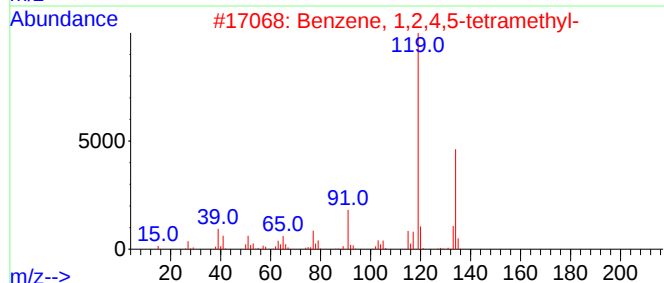
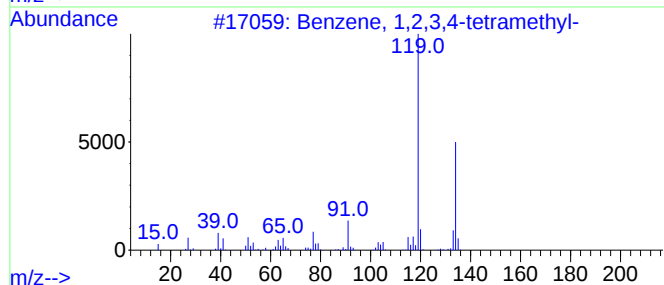
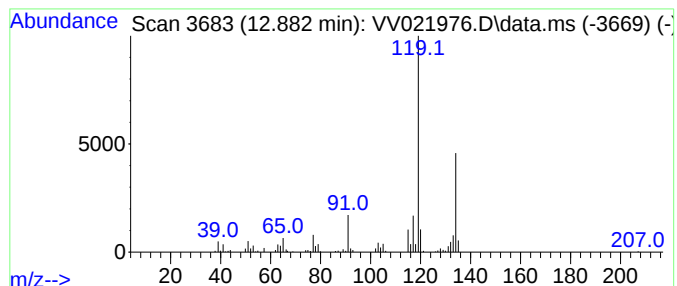
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	8.60 ug/L	180640	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021976.D
 Acq On : 27 Aug 2021 15:16
 Operator : SY/MD
 Sample : M3549-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	4.767	2.6	ug/L	44027	1	5.619	843157	50.0
(DEL) Alkane: C...	4.950	3.1	ug/L	51773	1	5.619	843157	50.0
(DEL) Alkane: C...	6.464	5.4	ug/L	91502	1	5.619	843157	50.0
(DEL) Alkane: C...	6.632	3.0	ug/L	50495	1	5.619	843157	50.0
(DEL) Alkane: C...	7.789	3.0	ug/L	60210	2	8.853	1006780	50.0
(DEL) Alkane: C...	8.355	4.2	ug/L	85281	2	8.853	1006780	50.0
3-Hexadecyne	9.706	3.1	ug/L	63088	2	8.853	1006780	50.0
Benzene, 1,2,3,...	12.882	8.6	ug/L	180640	3	11.252	1050460	50.0