

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028404.D
 Acq On : 07 Oct 2022 13:59
 Operator : SY/MD
 Sample : N4890-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0D8DL

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\SFAMVLM100722WMA.M
 Title : VOC Analysis

Signal : TIC: VV028404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	97	rVB	236875	245959	12.60%	1.091%
2	1.564	156	163	178	rBV	206013	232349	11.90%	1.031%
3	2.101	321	330	349	rVB	400758	579522	29.68%	2.571%
4	2.497	448	453	457	rBV6	5467	7157	0.37%	0.032%
5	2.757	525	534	549	rVB4	8234	16881	0.86%	0.075%
6	3.021	612	616	618	rVV5	1302	1166	0.06%	0.005%
7	3.034	618	620	623	rVV4	1748	1217	0.06%	0.005%
8	3.661	800	815	827	rVV2	9934	25977	1.33%	0.115%
9	3.754	835	844	856	rBB5	5751	11430	0.59%	0.051%
10	3.902	871	890	955	rBV2	119591	683855	35.02%	3.034%
11	4.339	1008	1026	1051	rBV	291251	744166	38.11%	3.301%
12	4.757	1141	1156	1177	rVV3	35833	94830	4.86%	0.421%
13	4.902	1189	1201	1221	rBV6	10642	28557	1.46%	0.127%
14	5.037	1226	1243	1274	rBV2	756651	1952578	100.00%	8.662%
15	5.442	1365	1369	1374	rBV8	1110	1214	0.06%	0.005%
16	5.609	1409	1421	1452	rBV	564309	1144006	58.59%	5.075%
17	5.908	1503	1514	1522	rBV	6608	12931	0.66%	0.057%
18	6.063	1548	1562	1590	rBV	437689	923362	47.29%	4.096%
19	6.358	1649	1654	1659	rVB8	2940	3604	0.18%	0.016%
20	6.458	1679	1685	1696	rVB10	3144	5398	0.28%	0.024%
21	6.651	1731	1745	1759	rVB2	25695	56661	2.90%	0.251%
22	6.770	1768	1782	1798	rBV4	28257	74189	3.80%	0.329%
23	6.979	1828	1847	1872	rBV	271348	514846	26.37%	2.284%
24	7.265	1927	1936	1938	rVV6	5172	7521	0.39%	0.033%
25	7.307	1938	1949	1968	rVV	895039	1553332	79.55%	6.891%
26	7.574	2030	2032	2034	rVV3	2228	1253	0.06%	0.006%
27	7.616	2035	2045	2070	rVV	185881	332772	17.04%	1.476%
28	7.928	2139	2142	2144	rBV4	1682	1263	0.06%	0.006%
29	8.082	2180	2190	2223	rBV	577656	1133773	58.07%	5.030%
30	8.497	2313	2319	2321	rVV7	1684	1743	0.09%	0.008%
31	8.574	2338	2343	2346	rBV6	1415	1269	0.06%	0.006%
32	8.596	2346	2350	2352	rVV4	1643	1230	0.06%	0.005%
33	8.654	2362	2368	2373	rBV7	1231	1412	0.07%	0.006%
34	8.844	2415	2427	2449	rBV	821190	1329970	68.11%	5.900%
35	9.008	2471	2478	2492	rVB	35560	59483	3.05%	0.264%
36	9.091	2500	2504	2506	rBV5	1838	1721	0.09%	0.008%

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Integrator: RTE

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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\SFAMVLM100722WMA.M
 Title : VOC Analysis

37	9.143	2513	2520	2528	rVB	11376	15574	0.80%	0.069%
38	9.394	2594	2598	2602	rBV5	1228	1064	0.05%	0.005%
39	9.538	2636	2643	2655	rBV3	8931	16663	0.85%	0.074%
40	9.680	2681	2687	2689	rBV6	2608	2532	0.13%	0.011%
41	9.751	2704	2709	2713	rBV7	1464	1407	0.07%	0.006%
42	9.924	2750	2763	2774	rBV	57622	94773	4.85%	0.420%
43	10.082	2807	2812	2816	rBV7	1297	1496	0.08%	0.007%
44	10.120	2818	2824	2831	rVB9	2215	3518	0.18%	0.016%
45	10.207	2836	2851	2873	rBV	603568	946476	48.47%	4.199%
46	10.345	2884	2894	2913	rBV	168413	263667	13.50%	1.170%
47	10.464	2915	2931	2944	rVV	116288	214931	11.01%	0.953%
48	10.532	2946	2952	2968	rVB	14060	25142	1.29%	0.112%
49	10.596	2968	2972	2974	rBV5	1516	1353	0.07%	0.006%
50	10.728	3002	3013	3034	rVB	370839	570878	29.24%	2.532%
51	10.837	3043	3047	3048	rBV3	1649	1102	0.06%	0.005%
52	10.905	3056	3068	3085	rBV	1179591	1755575	89.91%	7.788%
53	11.050	3103	3113	3117	rBV	14717	22108	1.13%	0.098%
54	11.185	3145	3155	3162	rBV2	14983	24371	1.25%	0.108%
55	11.239	3162	3172	3190	rVV	883583	1364482	69.88%	6.053%
56	11.326	3190	3199	3214	rVB	251800	383693	19.65%	1.702%
57	11.387	3214	3218	3220	rBV5	2337	2150	0.11%	0.010%
58	11.522	3247	3260	3278	rBV3	137055	332375	17.02%	1.474%
59	11.615	3278	3289	3311	rVB	945758	1563890	80.09%	6.938%
60	11.738	3318	3327	3339	rVB3	21704	36010	1.84%	0.160%
61	11.812	3339	3350	3361	rBV	70315	115093	5.89%	0.511%
62	11.902	3368	3378	3383	rBV	137789	211042	10.81%	0.936%
63	12.005	3399	3410	3431	rBV	225495	384219	19.68%	1.704%
64	12.104	3431	3441	3464	rBV2	120699	240855	12.34%	1.068%
65	12.307	3493	3504	3518	rVB	48761	81434	4.17%	0.361%
66	12.403	3518	3534	3542	rBV	160769	246337	12.62%	1.093%
67	12.455	3542	3550	3567	rVB	189852	283617	14.53%	1.258%
68	12.541	3569	3577	3583	rBV2	21901	33188	1.70%	0.147%
69	12.635	3600	3606	3610	rBV6	6884	9583	0.49%	0.043%
70	12.715	3623	3631	3646	rVB	115464	179686	9.20%	0.797%
71	12.786	3647	3653	3661	rVB5	10058	12015	0.62%	0.053%
72	12.873	3661	3680	3691	rBV2	260010	452856	23.19%	2.009%
73	12.992	3710	3717	3723	rBV	14105	19567	1.00%	0.087%
74	13.040	3725	3732	3752	rVB5	33924	65573	3.36%	0.291%
75	13.156	3758	3768	3775	rBV2	27094	42122	2.16%	0.187%
76	13.204	3776	3783	3792	rVB2	42091	65810	3.37%	0.292%

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 Title : VOC Analysis

77	13.258	3792	3800	3807	rBV2	72055	110503	5.66%	0.490%
78	13.358	3826	3831	3837	rVB2	30140	34439	1.76%	0.153%
79	13.458	3851	3862	3863	rBV8	4053	5567	0.29%	0.025%
80	13.493	3864	3873	3883	rVV	65354	105645	5.41%	0.469%
81	13.599	3899	3906	3917	rBV6	10475	16682	0.85%	0.074%
82	13.699	3928	3937	3947	rBV7	23701	50945	2.61%	0.226%
83	13.898	3988	3999	4013	rVB2	39853	63615	3.26%	0.282%
84	13.959	4015	4018	4021	rBV4	1785	1143	0.06%	0.005%
85	14.078	4046	4055	4069	rBV3	37702	84037	4.30%	0.373%
86	14.175	4082	4085	4090	rVB6	2964	2490	0.13%	0.011%
87	14.220	4090	4099	4108	rBV2	19013	31414	1.61%	0.139%
88	14.281	4111	4118	4132	rVB4	22958	41515	2.13%	0.184%
89	14.348	4133	4139	4142	rBV7	1562	1596	0.08%	0.007%
90	14.368	4142	4145	4151	rVB7	1426	1216	0.06%	0.005%
91	14.416	4152	4160	4172	rBV7	9272	18392	0.94%	0.082%
92	14.570	4198	4208	4209	rBV8	4041	5159	0.26%	0.023%
93	14.754	4260	4265	4272	rBV9	3293	4459	0.23%	0.020%
94	14.805	4272	4281	4294	rBV2	44439	73337	3.76%	0.325%
95	14.982	4332	4336	4341	rVB7	1481	1753	0.09%	0.008%
96	15.307	4433	4437	4439	rBV4	1312	1181	0.06%	0.005%
97	15.358	4451	4453	4458	rVB4	2064	1388	0.07%	0.006%
98	15.647	4539	4543	4544	rBV4	2917	1906	0.10%	0.008%
99	15.721	4562	4566	4570	rBV7	1513	1735	0.09%	0.008%
100	15.802	4587	4591	4599	rVB9	4782	5168	0.26%	0.023%

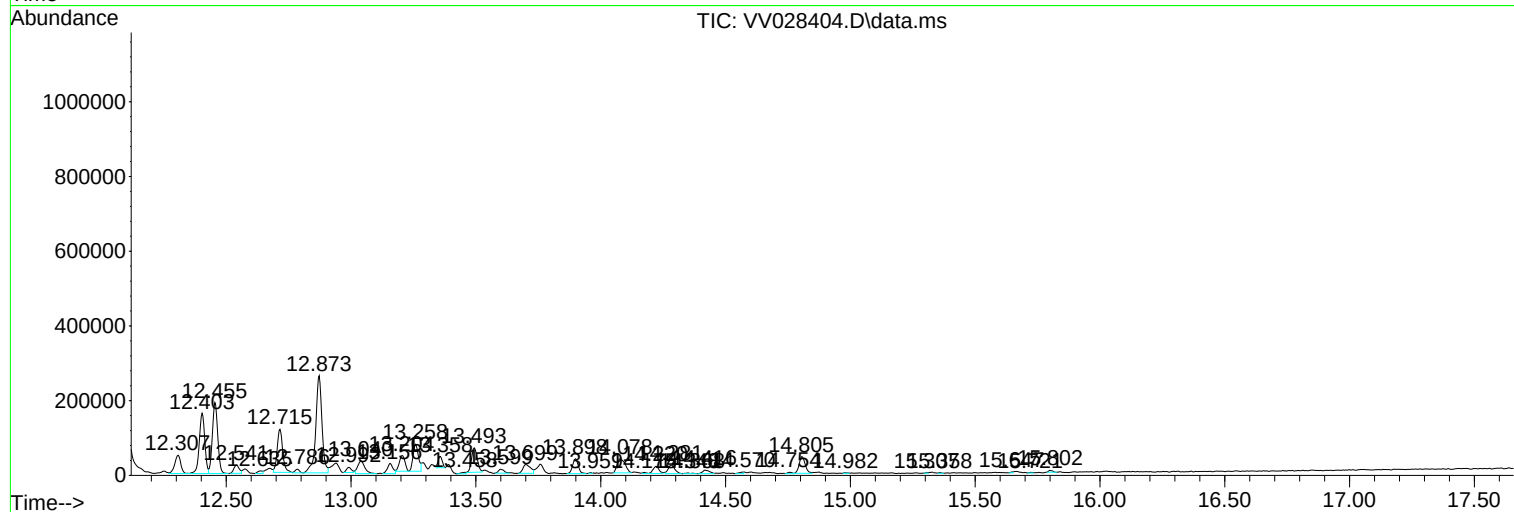
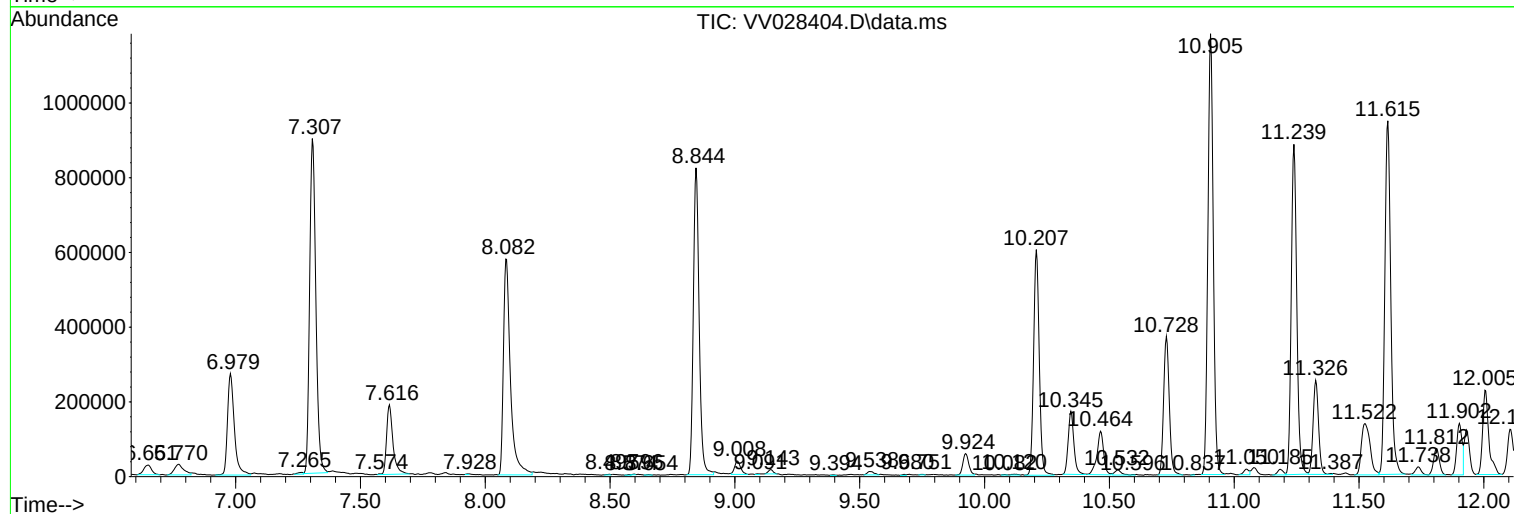
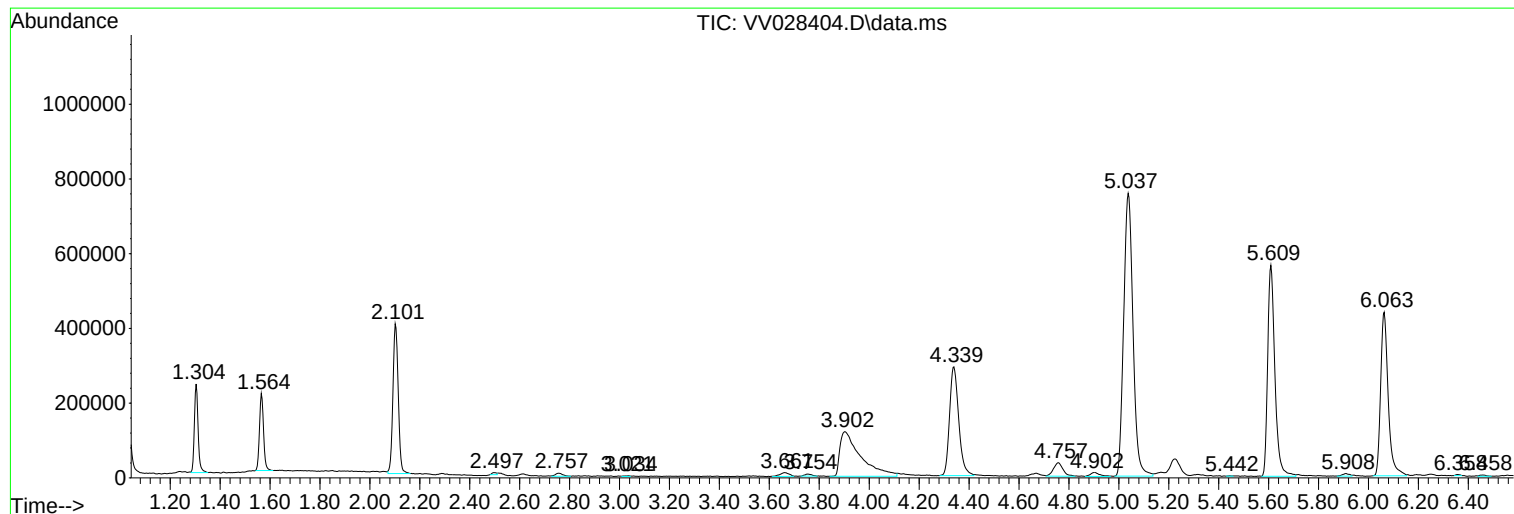
Sum of corrected areas: 22542109

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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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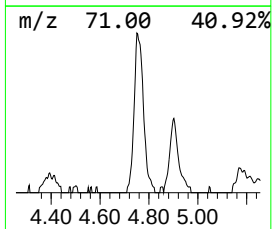
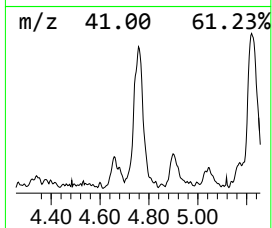
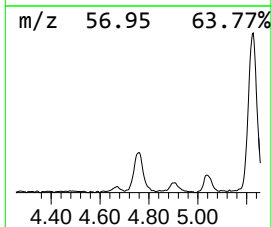
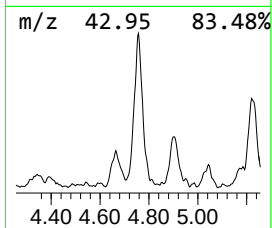
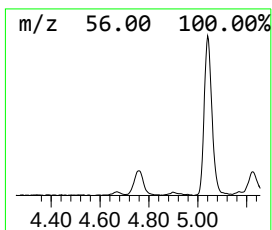
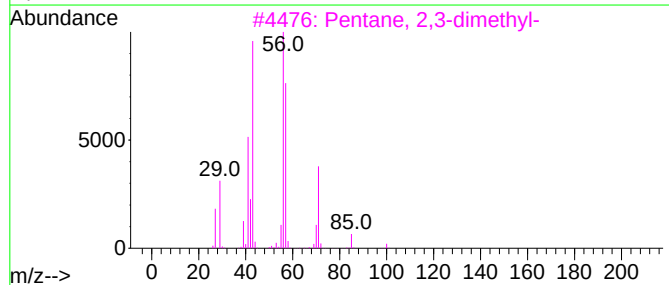
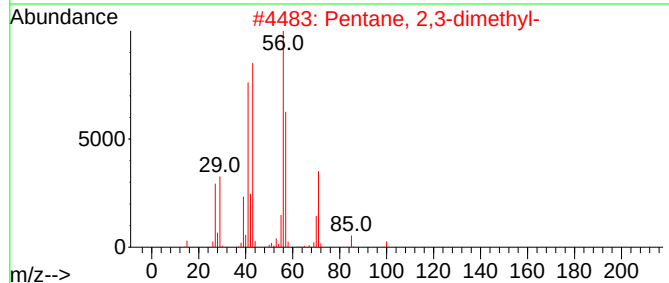
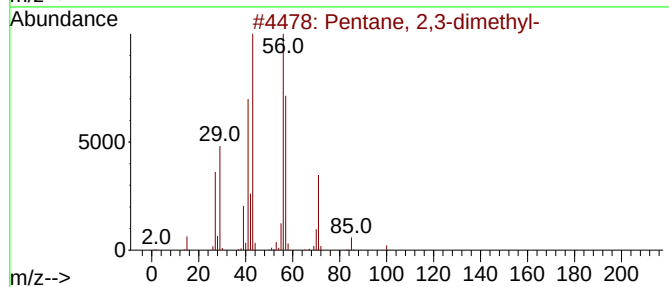
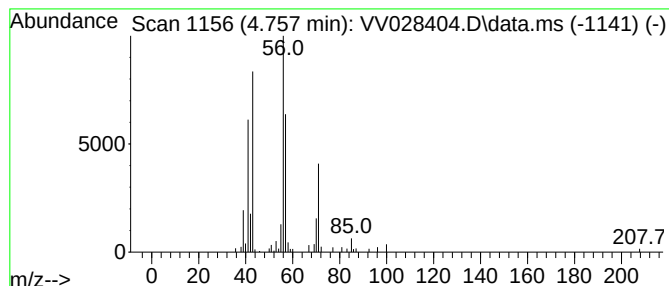
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.757	4.14 ug/L	94830	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	47



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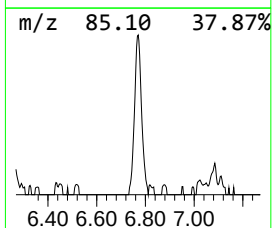
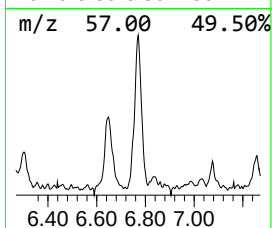
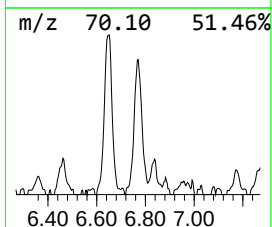
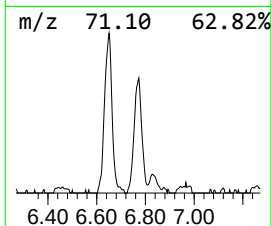
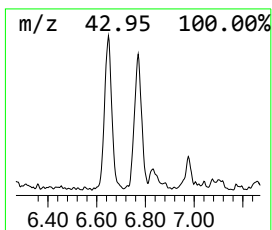
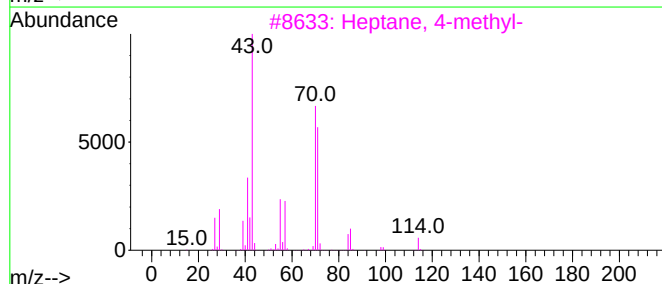
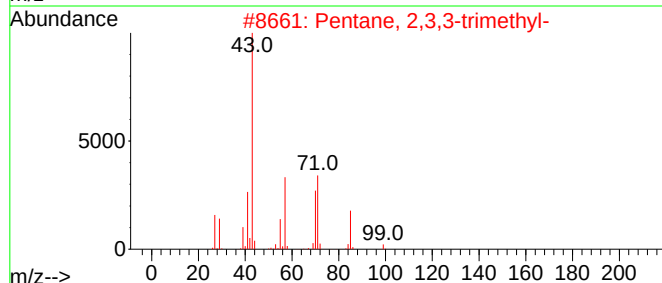
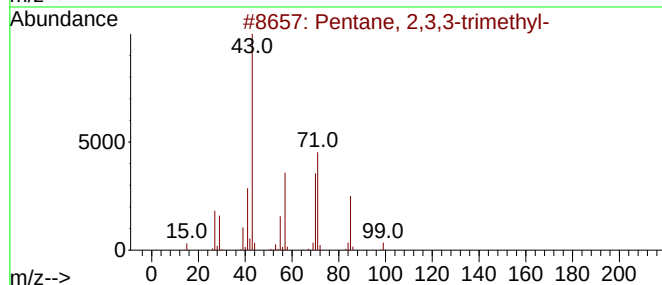
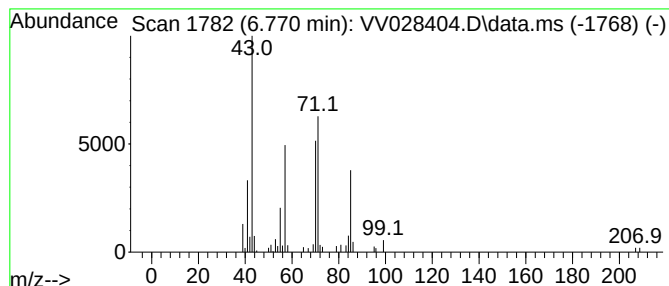
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.770	3.24 ug/L	74189	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	59



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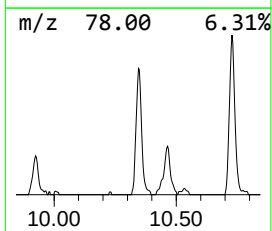
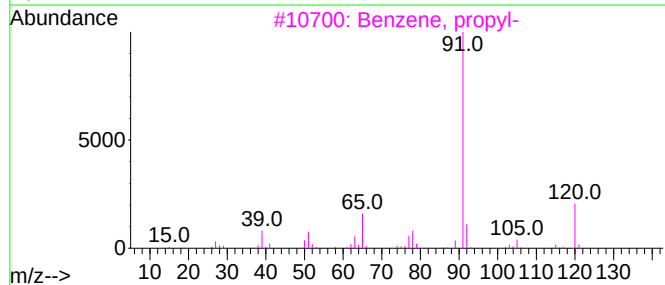
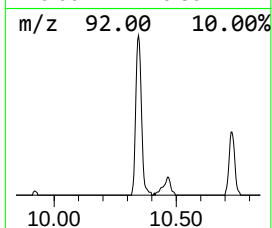
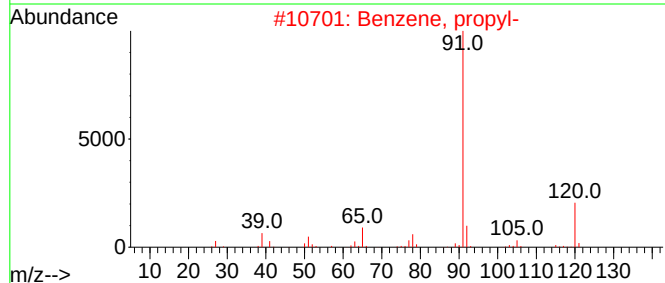
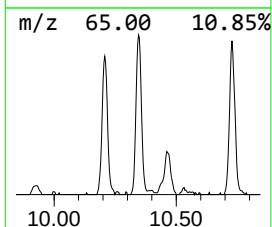
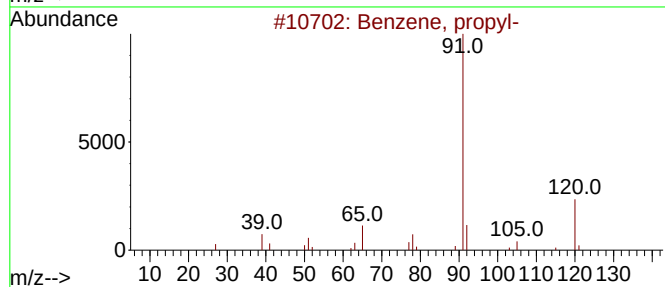
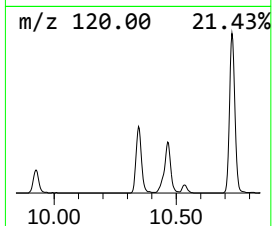
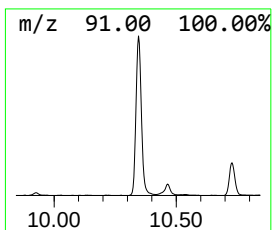
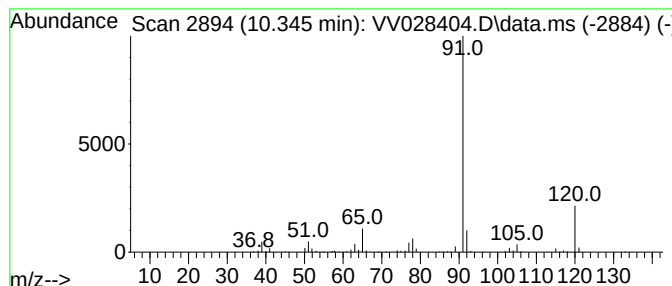
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	9.66 ug/L	263667	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Benzene, propyl-	120	C9H12	000103-65-1	91
3			Benzene, propyl-	120	C9H12	000103-65-1	91
4			Benzene, propyl-	120	C9H12	000103-65-1	91
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

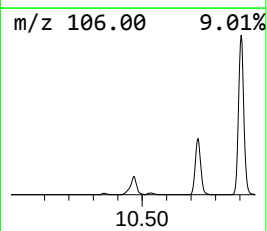
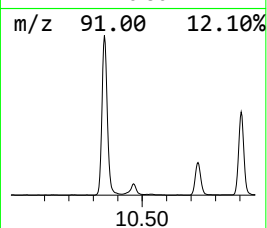
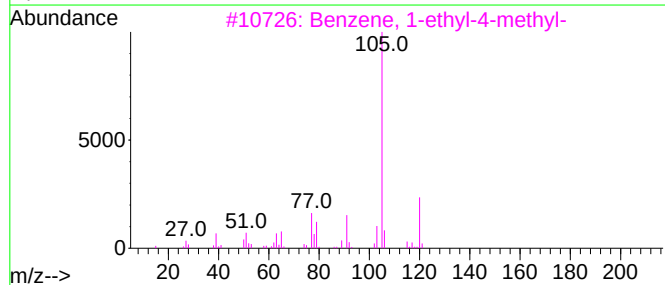
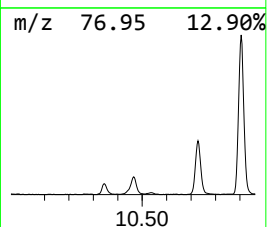
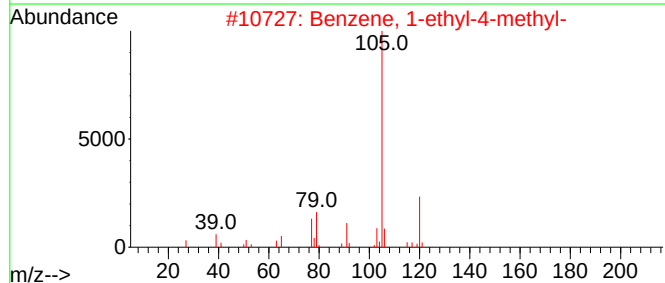
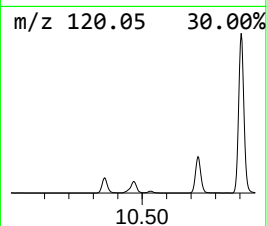
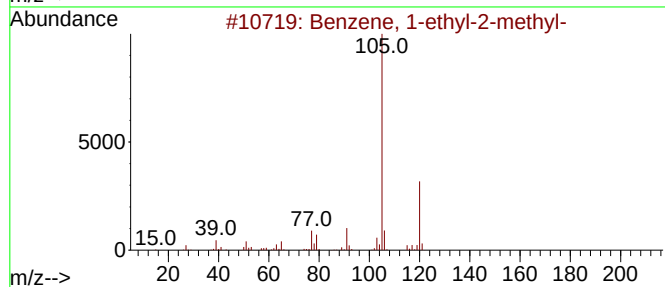
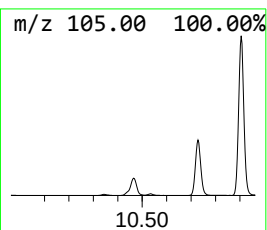
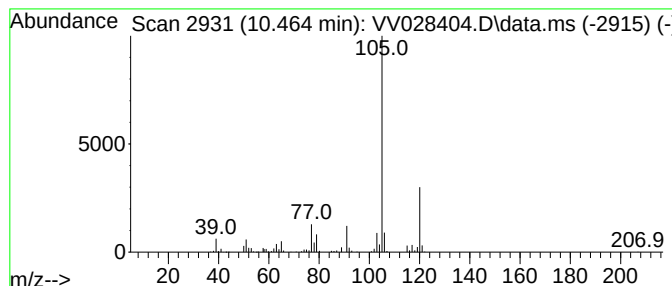
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.464	7.88 ug/L	214931	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

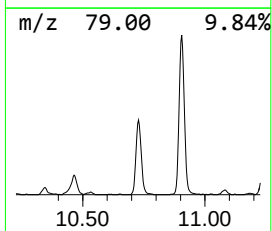
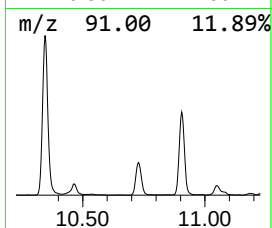
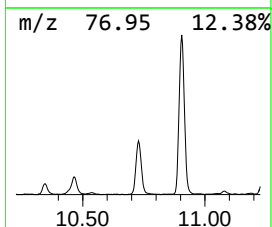
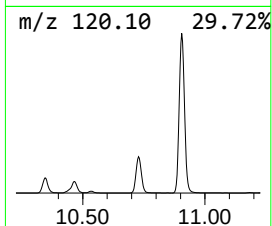
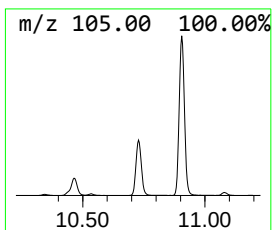
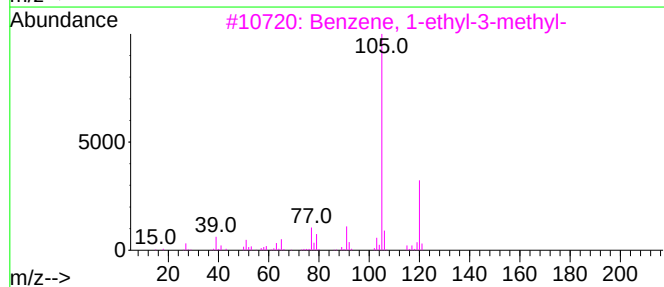
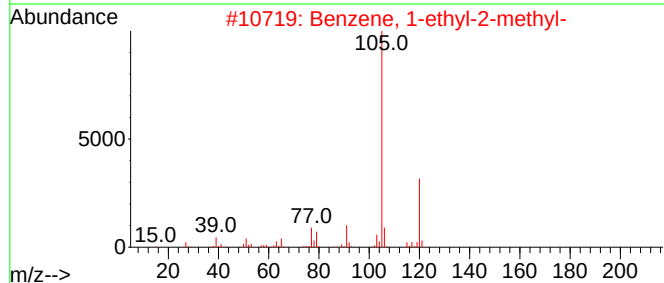
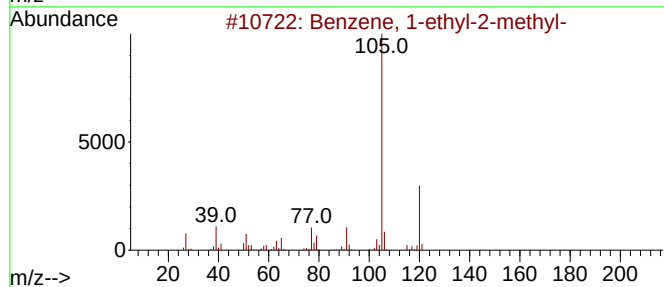
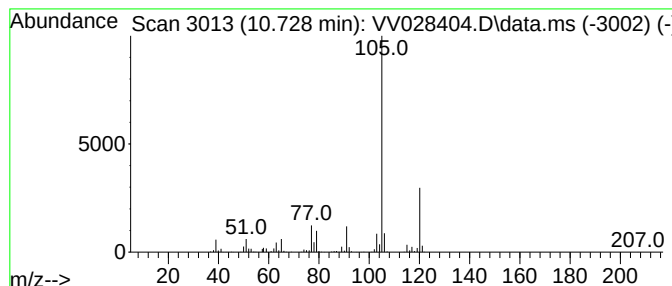
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	20.92 ug/L	570878	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

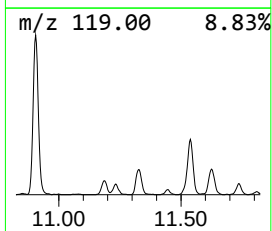
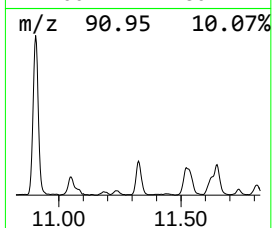
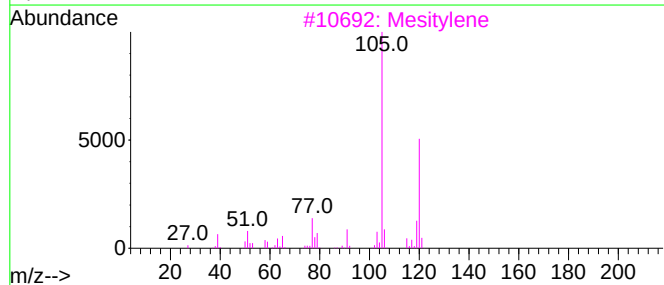
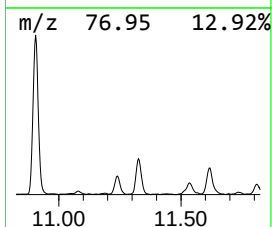
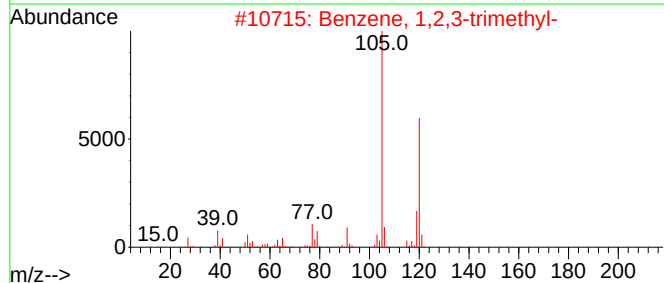
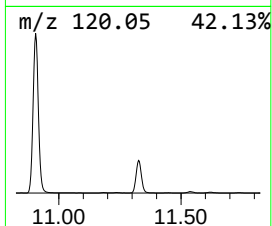
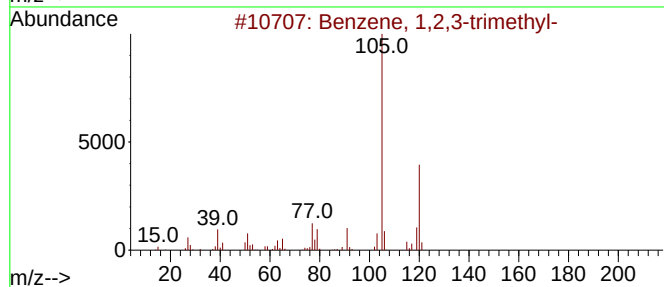
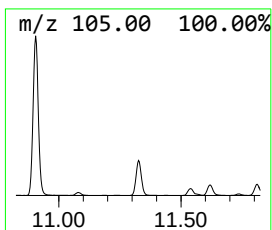
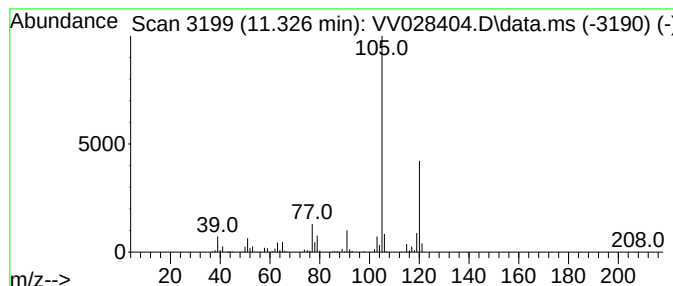
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	14.06 ug/L	383693	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Mesitylene	120	C9H12	000108-67-8	93
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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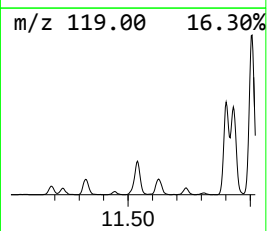
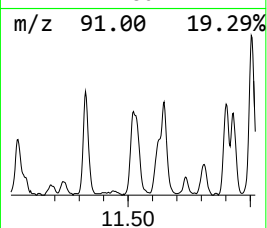
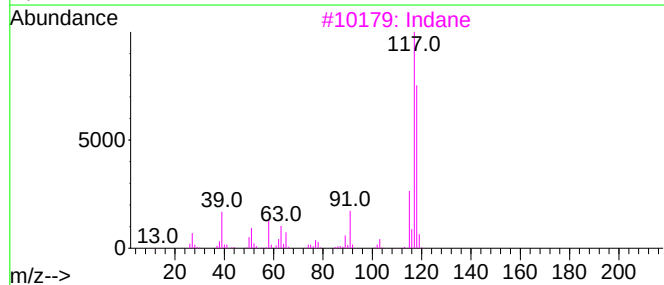
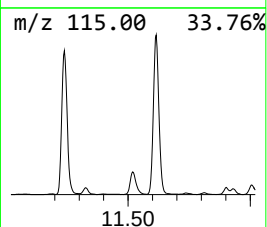
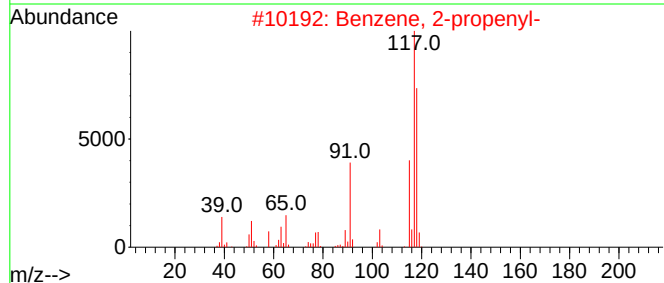
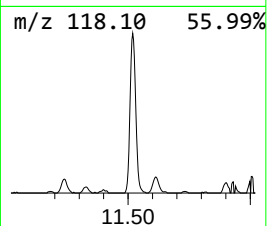
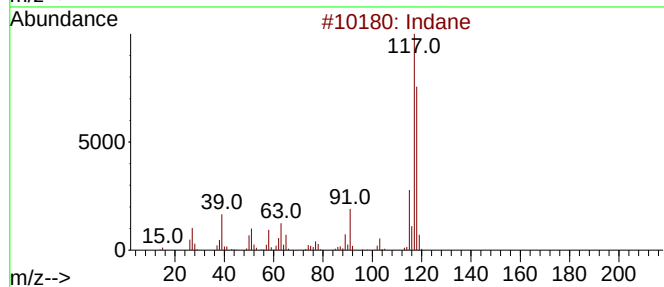
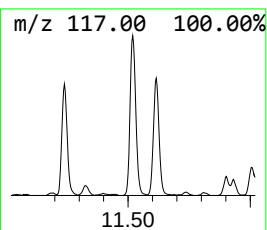
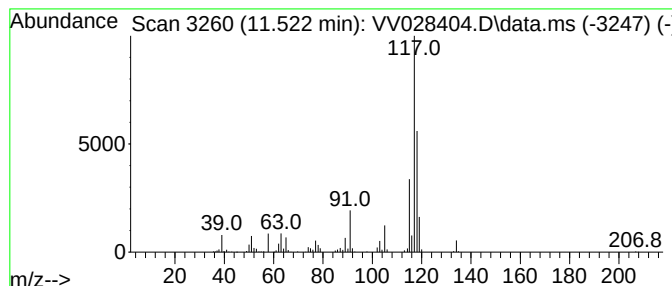
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Quant Title : VOC Analysis

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

Peak Number 8 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.522	12.18 ug/L	332375	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-			118	C9H10	000300-57-2	76
3	Indane			118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-			118	C9H10	000873-49-4	76
5	Indane			118	C9H10	000496-11-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

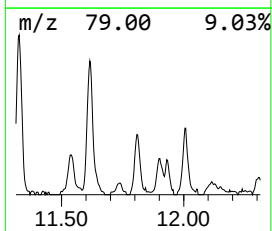
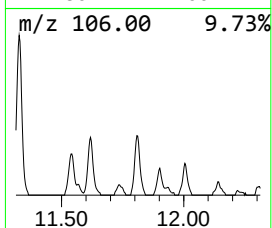
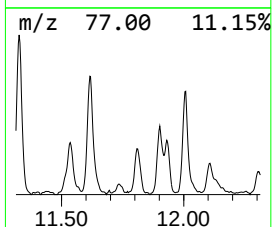
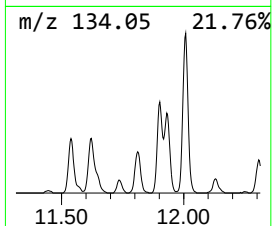
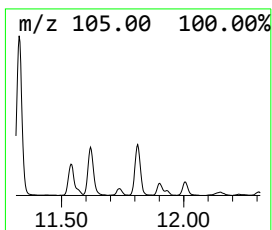
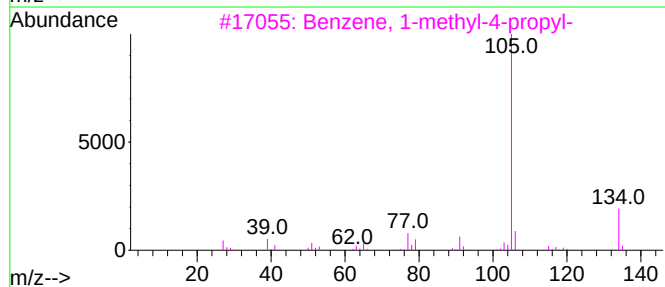
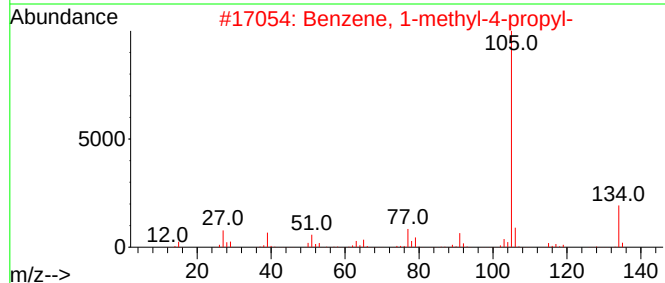
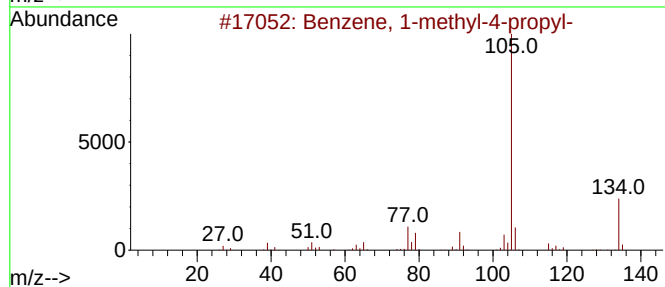
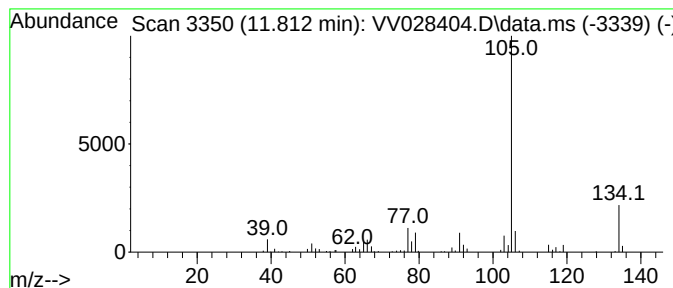
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.812	4.22 ug/L	115093	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

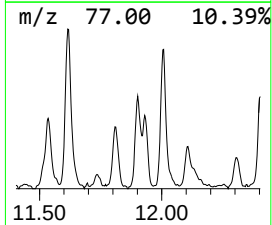
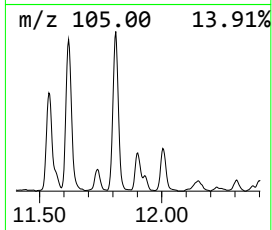
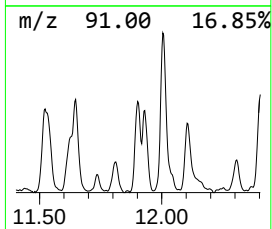
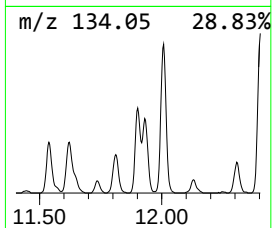
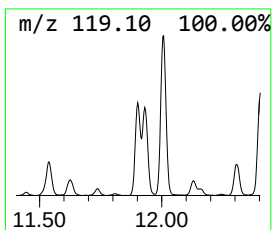
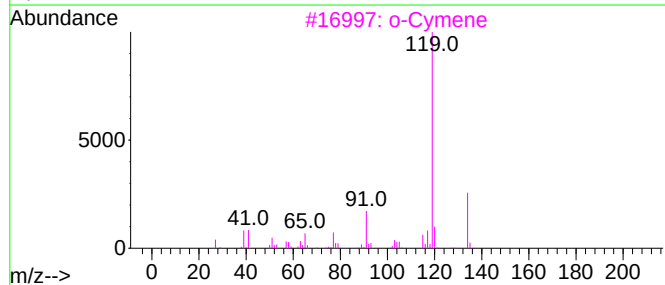
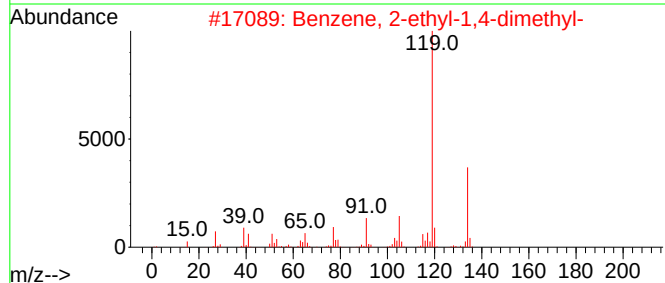
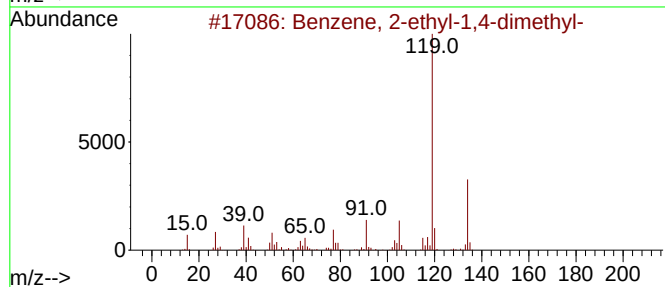
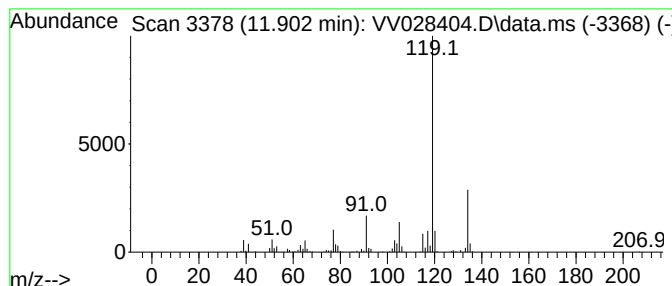
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.902	7.73 ug/L	211042	1,4-Dichlorobenzene-d4		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	95
3	o-Cymene		134	C10H14	000527-84-4	95
4	o-Cymene		134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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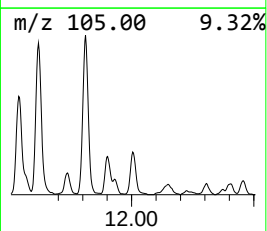
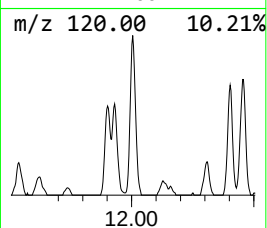
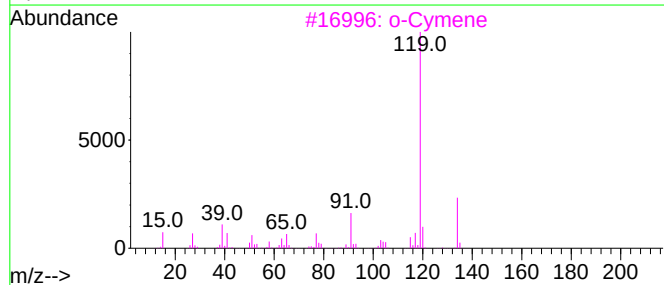
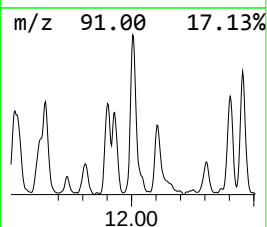
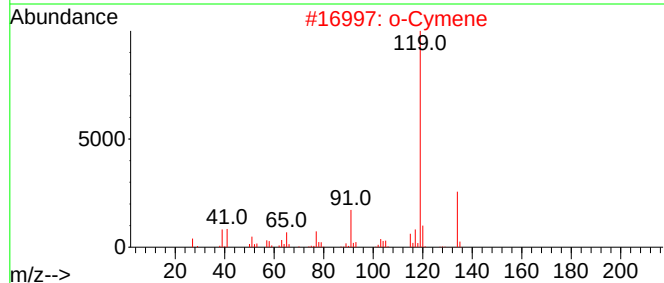
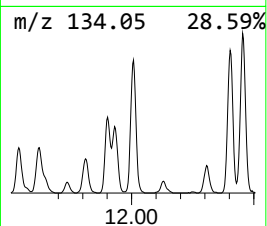
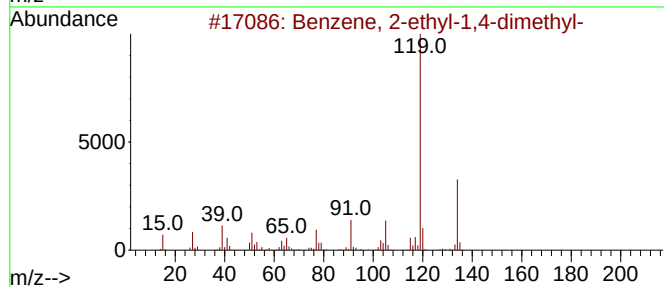
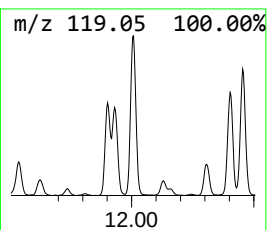
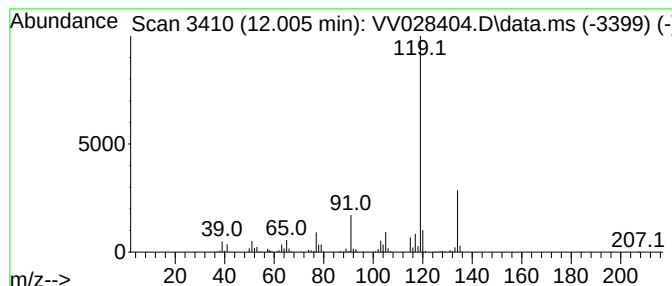
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Quant Title : VOC Analysis

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

Peak Number 11 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	14.08 ug/L	384219	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

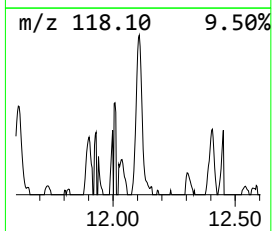
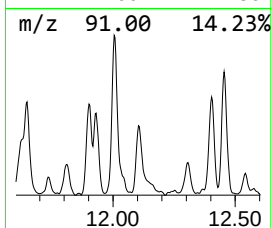
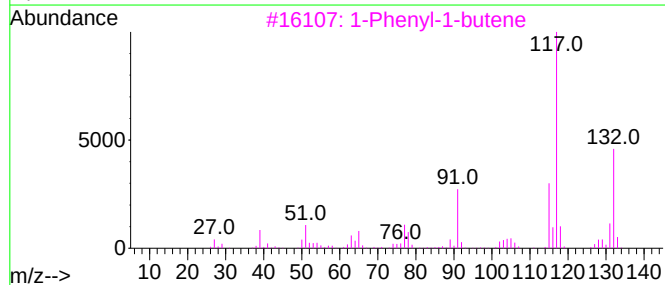
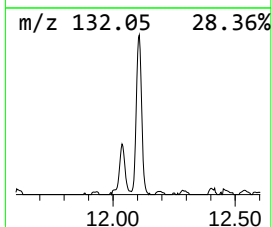
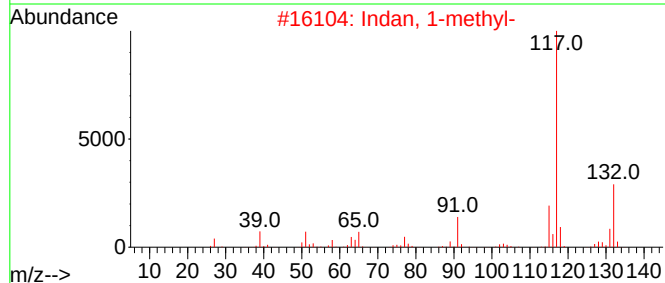
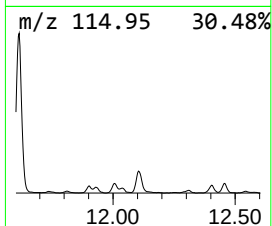
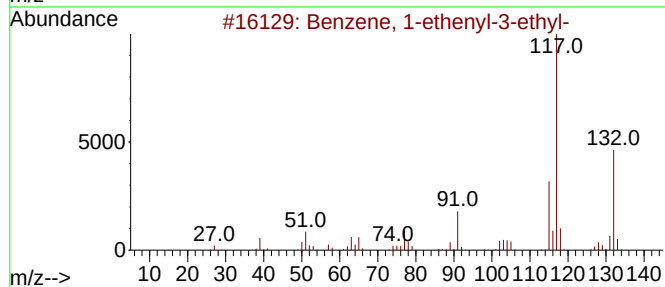
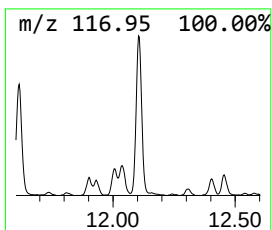
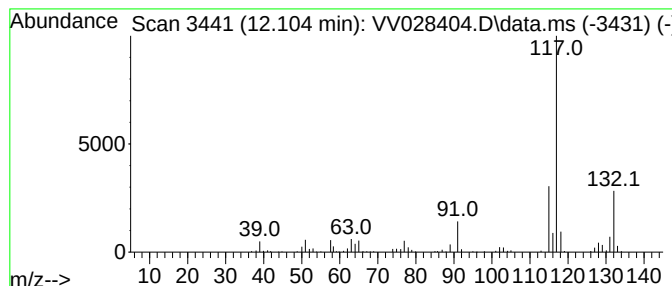
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	8.83 ug/L	240855	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

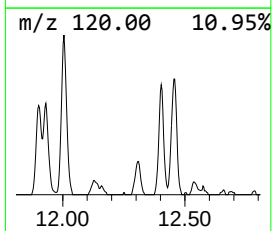
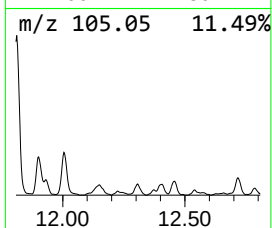
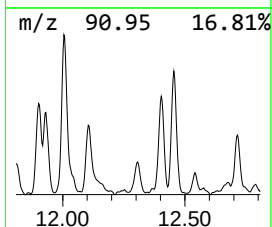
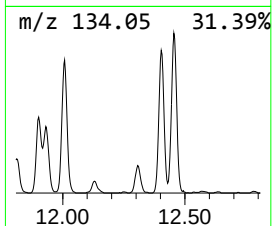
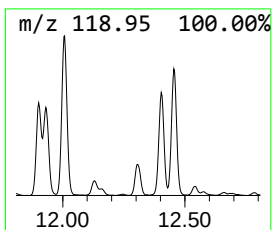
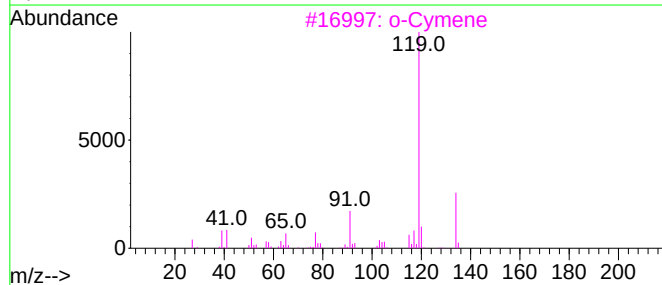
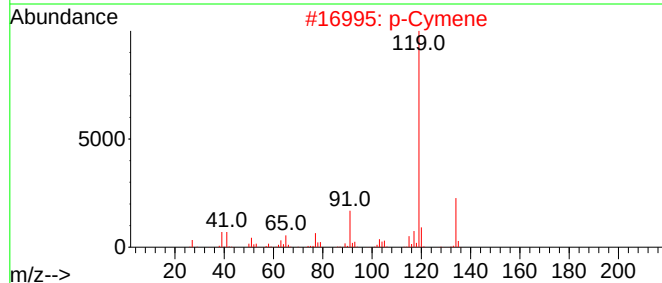
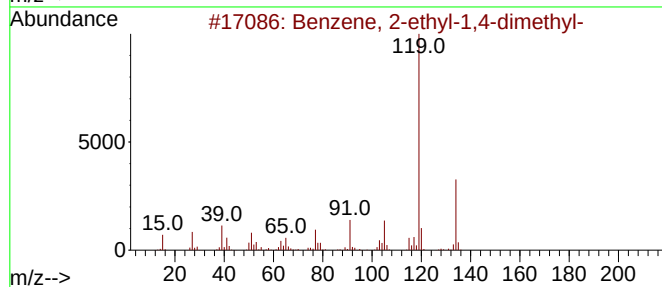
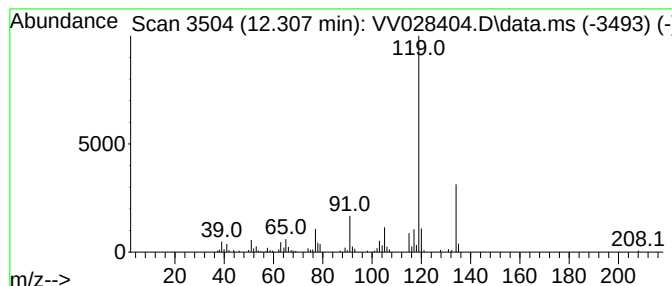
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Quant Title : VOC Analysis

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

Peak Number 13 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	2.98 ug/L	81434	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

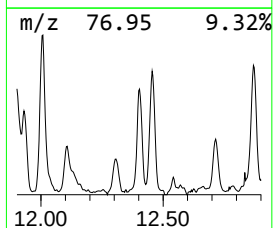
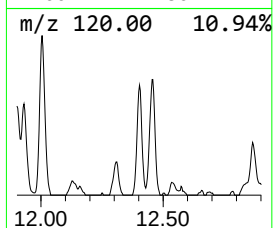
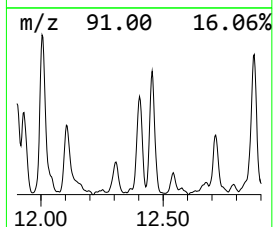
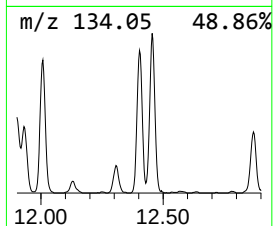
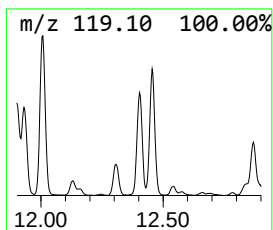
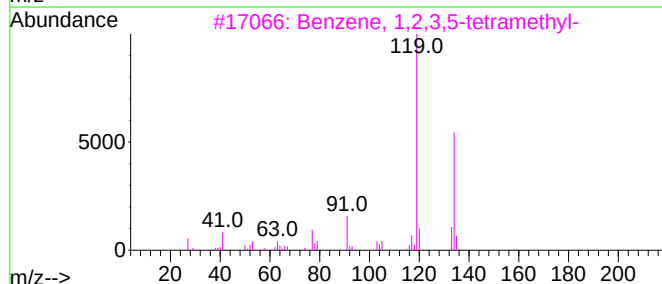
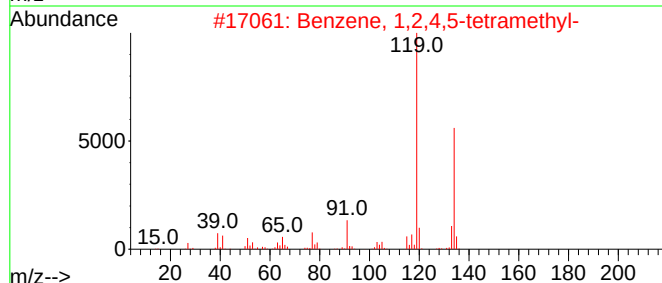
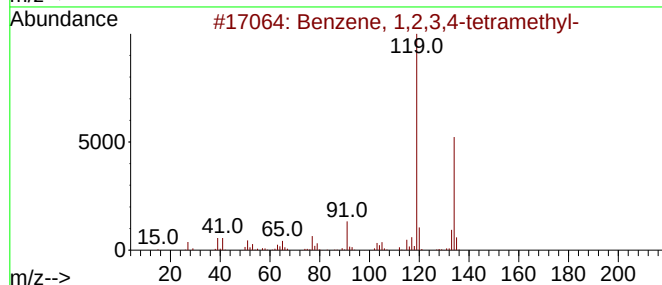
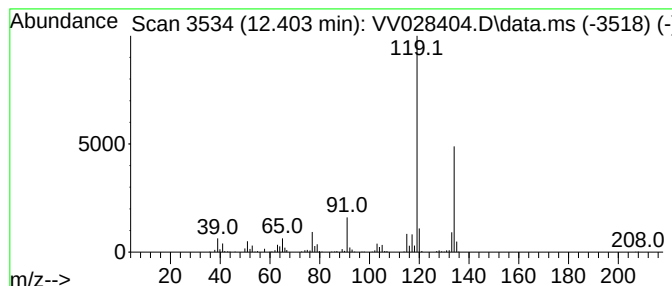
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	9.03 ug/L	246337	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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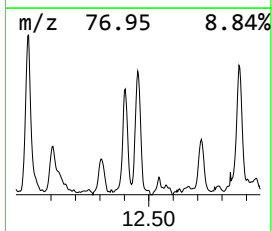
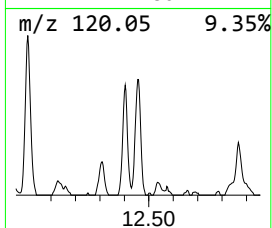
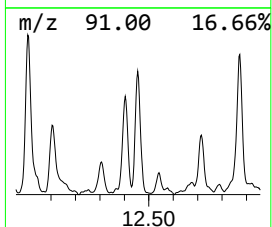
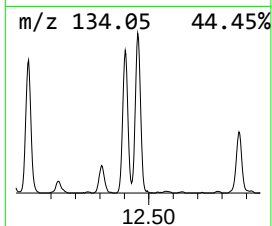
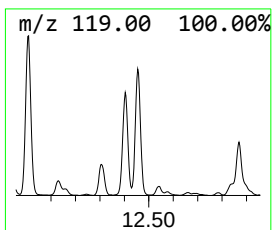
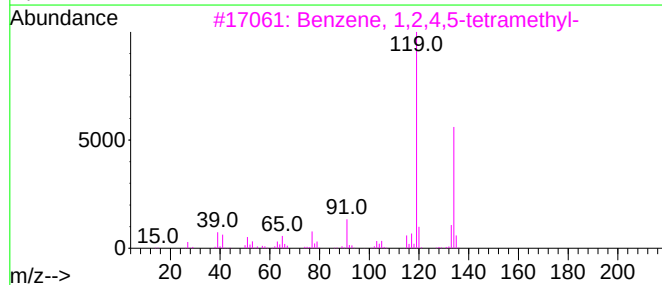
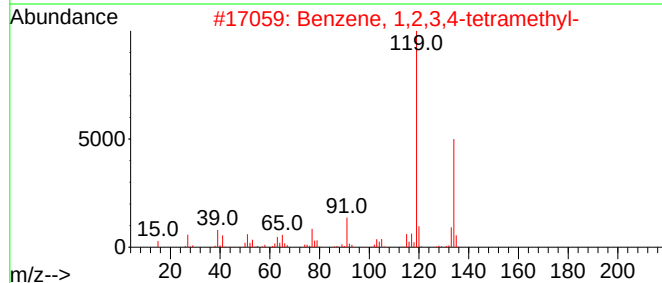
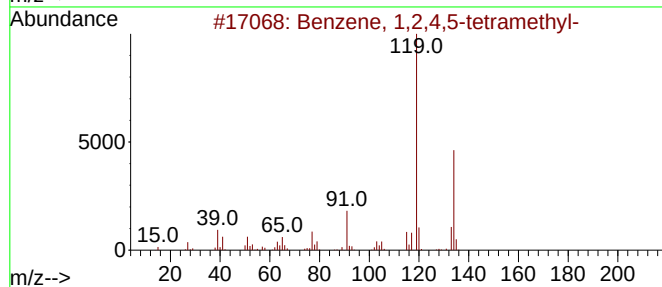
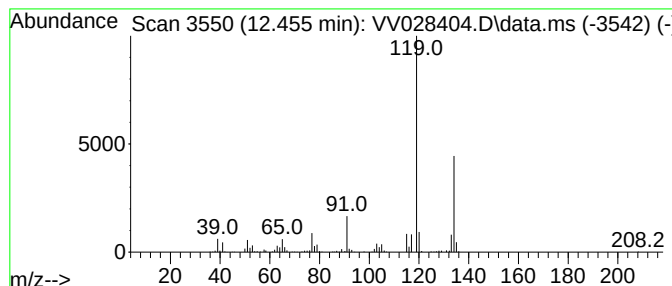
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	10.39 ug/L	283617	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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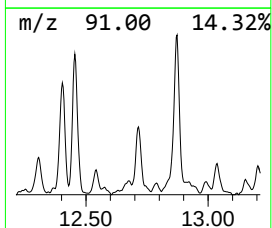
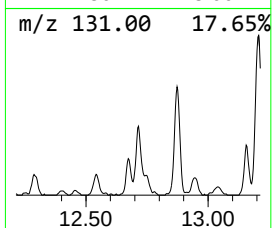
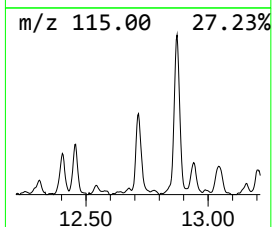
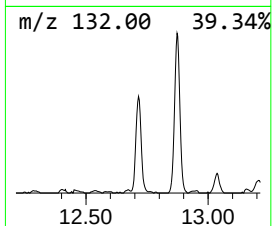
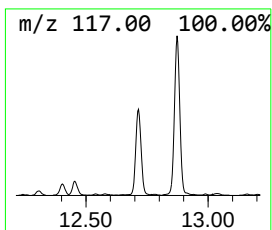
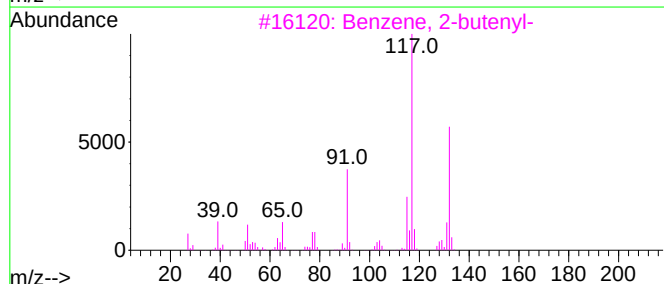
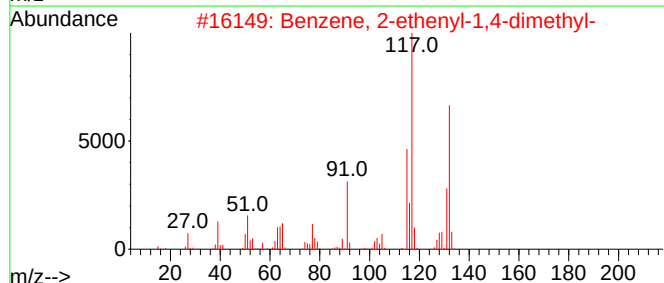
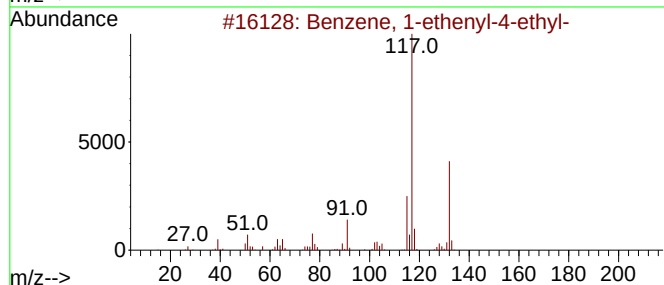
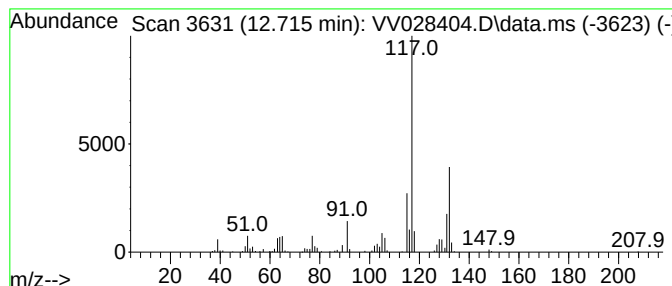
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	6.58 ug/L	179686	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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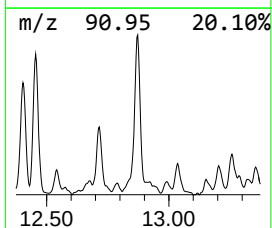
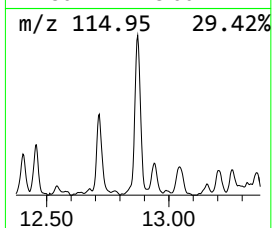
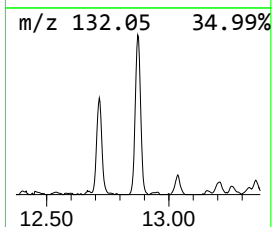
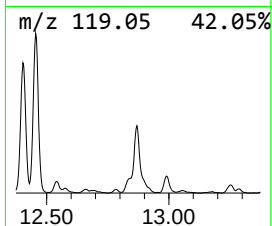
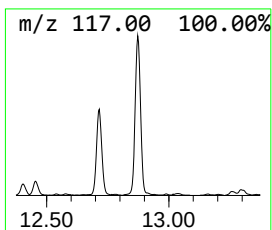
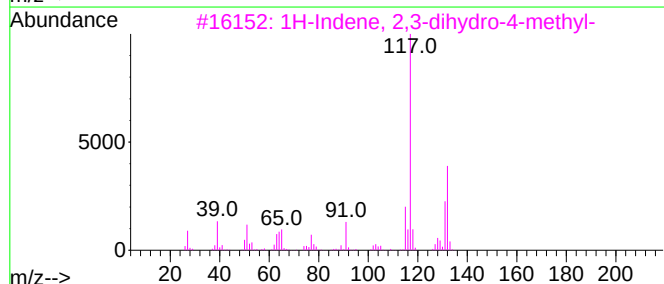
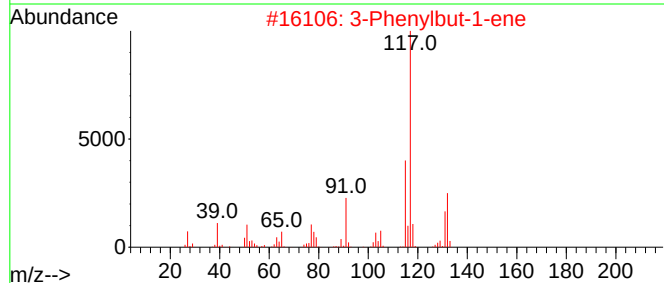
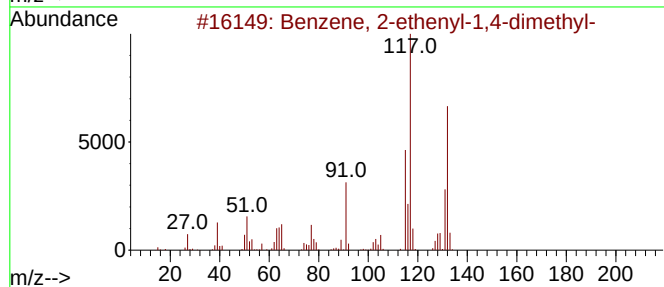
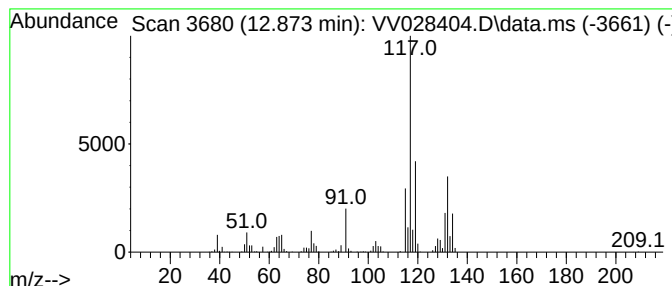
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	16.59 ug/L	452856	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

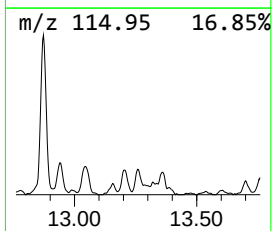
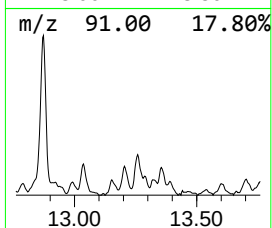
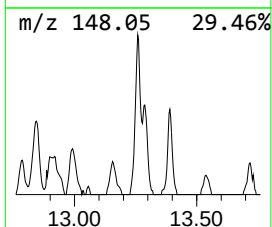
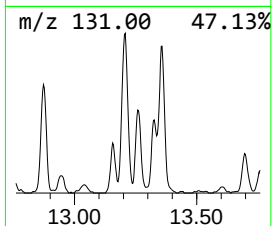
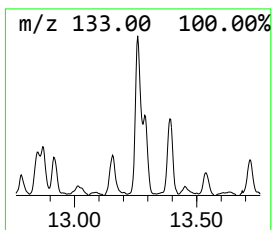
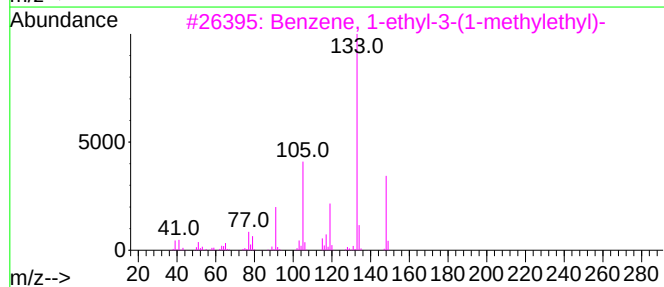
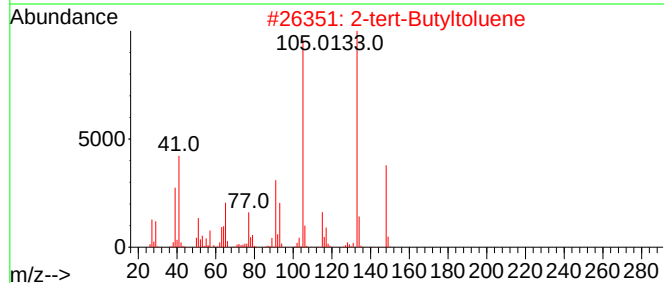
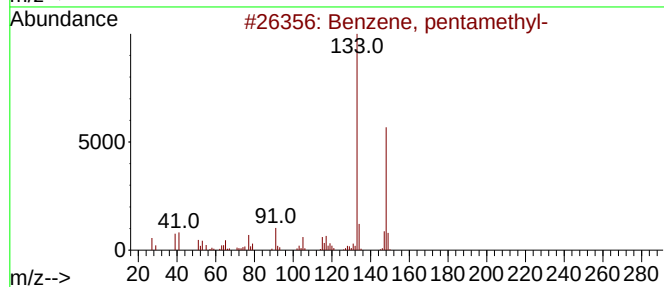
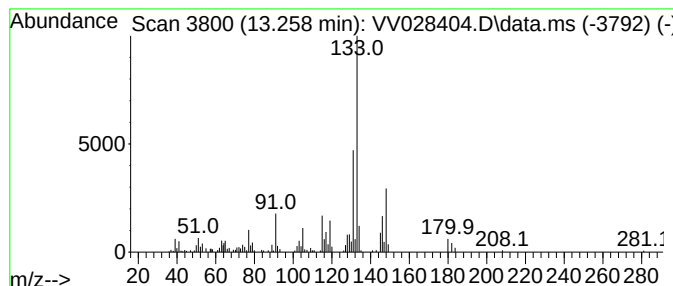
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.259	4.05 ug/L	110503	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2			2-tert-Butyltoluene	148	C11H16	001074-92-6	64
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

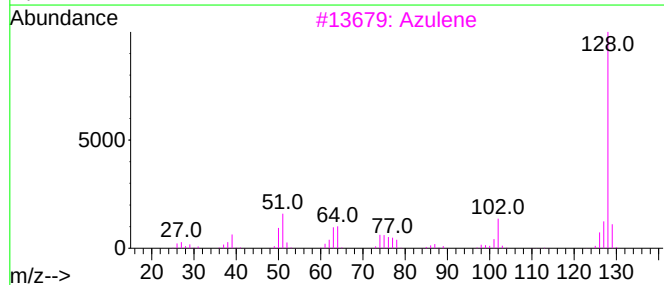
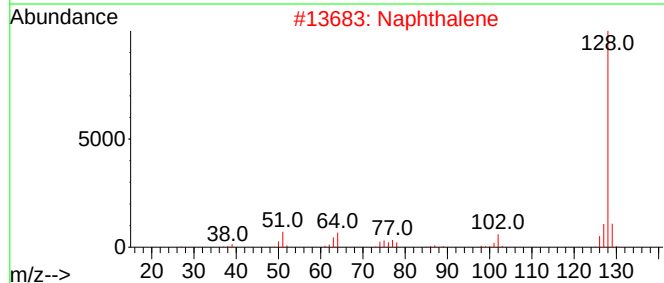
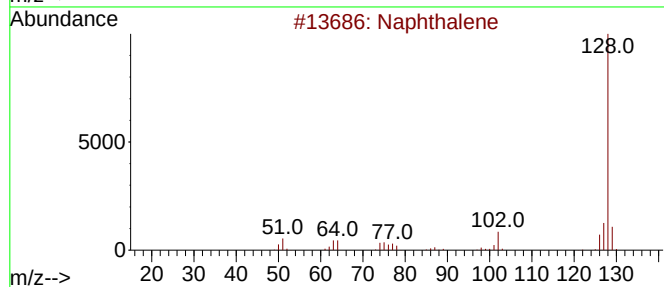
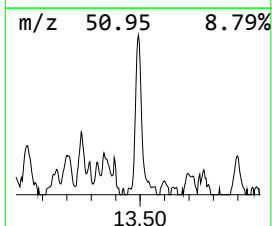
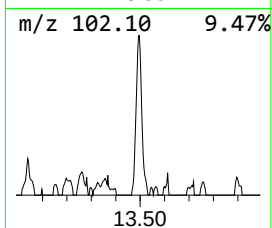
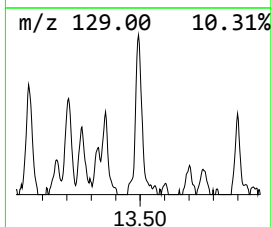
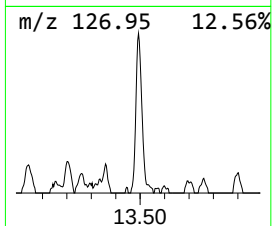
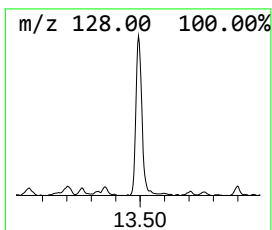
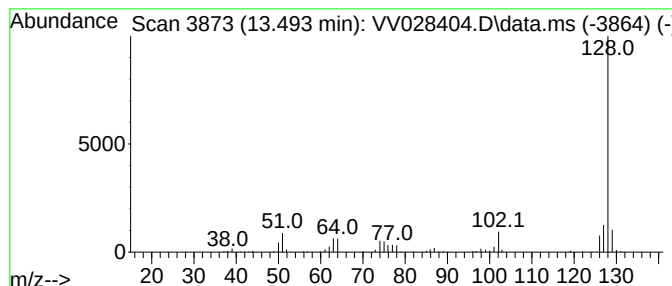
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Quant Title : VOC Analysis

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

Peak Number 19 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	3.87 ug/L	105645	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	94
4			Azulene	128	C10H8	000275-51-4	91
5			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

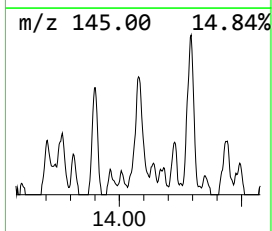
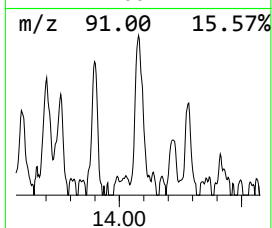
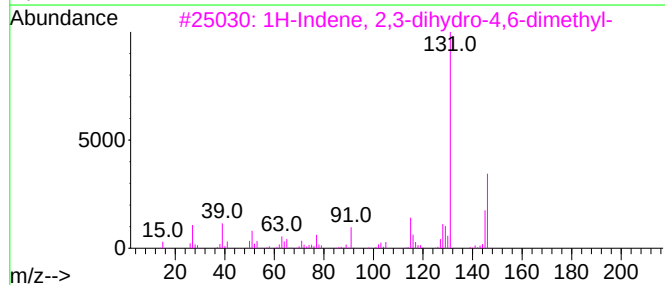
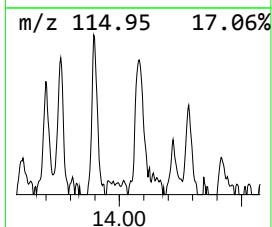
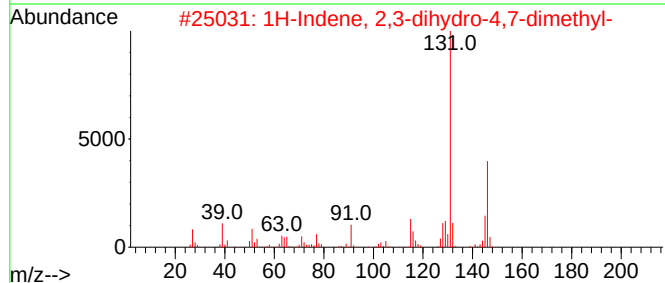
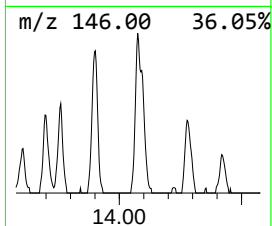
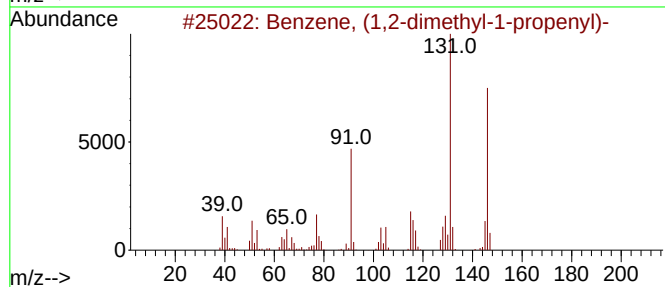
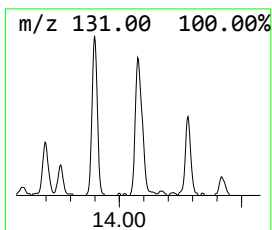
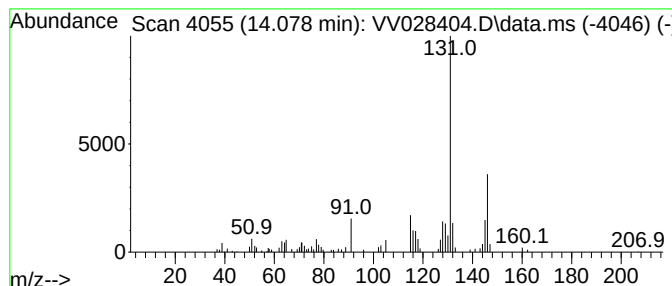
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.078	3.08 ug/L	84037	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	96
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	94
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
Data File : VV028404.D
Acq On : 07 Oct 2022 13:59
Operator : SY/MD
Sample : N4890-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY0D8DL

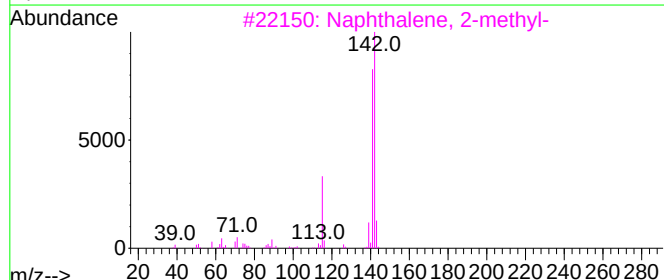
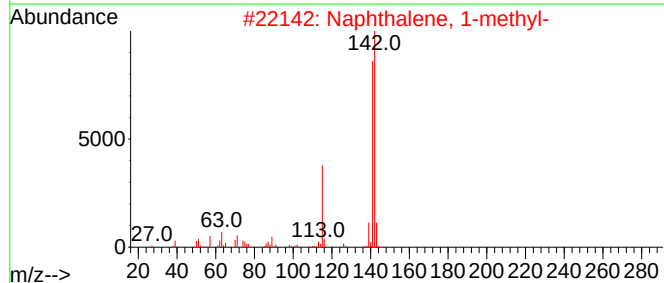
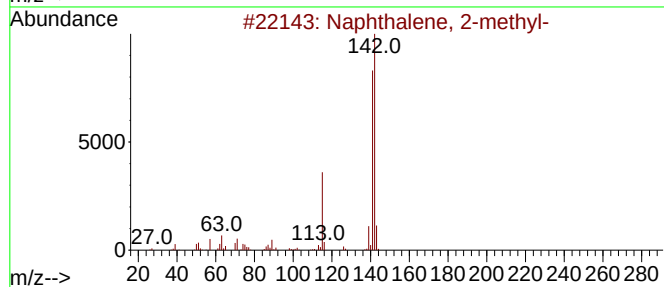
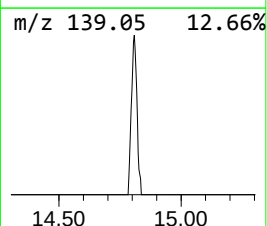
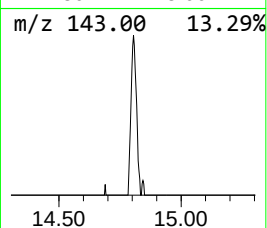
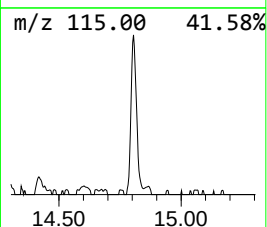
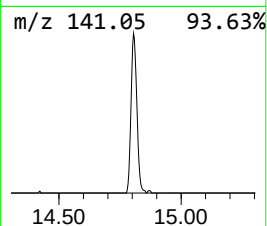
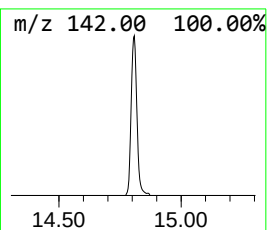
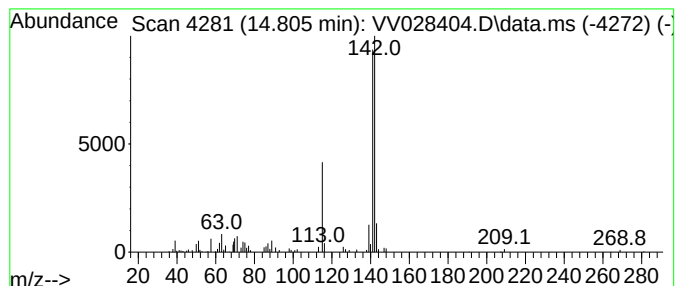
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Quant Title : VOC Analysis

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

Peak Number 21 1,4-Methanonaphthalene, 1,4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.805	2.69 ug/L	73337	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028404.D
 Acq On : 07 Oct 2022 13:59
 Operator : SY/MD
 Sample : N4890-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0D8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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...	4.757	4.1	ug/L	94830	1	5.609	1144010	50.0
(DEL) Alkane: S...	6.770	3.2	ug/L	74189	1	5.609	1144010	50.0
Benzene, propyl-	10.345	9.7	ug/L	263667	3	11.239	1364480	50.0
Benzene, 1-ethy...	10.464	7.9	ug/L	214931	3	11.239	1364480	50.0
Benzene, 1-ethy...	10.728	20.9	ug/L	570878	3	11.239	1364480	50.0
Benzene, 1,2,3-...	11.326	14.1	ug/L	383693	3	11.239	1364480	50.0
Indane	11.522	12.2	ug/L	332375	3	11.239	1364480	50.0
Benzene, 1-meth...	11.812	4.2	ug/L	115093	3	11.239	1364480	50.0
Benzene, 2-ethy...	11.902	7.7	ug/L	211042	3	11.239	1364480	50.0
o-Cymene	12.005	14.1	ug/L	384219	3	11.239	1364480	50.0
Benzene, 1-ethe...	12.104	8.8	ug/L	240855	3	11.239	1364480	50.0
p-Cymene	12.307	3.0	ug/L	81434	3	11.239	1364480	50.0
Benzene, 1,2,3,...	12.403	9.0	ug/L	246337	3	11.239	1364480	50.0
Benzene, 1,2,4,...	12.455	10.4	ug/L	283617	3	11.239	1364480	50.0
Benzene, 1-ethe...	12.715	6.6	ug/L	179686	3	11.239	1364480	50.0
Benzene, 2-ethe...	12.873	16.6	ug/L	452856	3	11.239	1364480	50.0
Benzene, pentam...	13.259	4.0	ug/L	110503	3	11.239	1364480	50.0
Azulene	13.493	3.9	ug/L	105645	3	11.239	1364480	50.0
Benzene, (1,2-d...	14.078	3.1	ug/L	84037	3	11.239	1364480	50.0
1,4-Methanonaph...	14.805	2.7	ug/L	73337	3	11.239	1364480	50.0