

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025297.D
 Acq On : 10 Jul 2018 18:31
 Operator : MD/SY
 Sample : J3898-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW004-180704

Integration Parameters: RTEINT.P

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

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.088	135	155	176	rBV	736930	885167	23.33%	2.229%
2	2.712	645	660	679	rVB3	21493	45227	1.19%	0.114%
3	3.998	1043	1060	1079	rBV4	22005	62222	1.64%	0.157%
4	4.889	1317	1337	1353	rBV2	184275	418469	11.03%	1.054%
5	4.989	1353	1368	1385	rVV	277425	620214	16.34%	1.562%
6	5.085	1385	1398	1423	rVB3	28795	74016	1.95%	0.186%
7	5.262	1433	1453	1460	rBV3	95648	221061	5.83%	0.557%
8	5.313	1461	1469	1490	rVB	198671	411500	10.84%	1.036%
9	5.542	1513	1540	1560	rVB	261707	642763	16.94%	1.619%
10	5.889	1632	1648	1673	rBV	374634	741354	19.54%	1.867%
11	6.397	1784	1806	1821	rBV2	101074	220637	5.81%	0.556%
12	6.480	1821	1832	1843	rVV2	32872	60454	1.59%	0.152%
13	6.593	1855	1867	1890	rVB	67332	142792	3.76%	0.360%
14	6.744	1897	1914	1929	rBV2	103547	217332	5.73%	0.547%
15	6.931	1952	1972	1994	rBV	323714	653187	17.21%	1.645%
16	7.053	1994	2010	2023	rBV	562515	1150805	30.33%	2.898%
17	7.262	2060	2075	2086	rBV2	81268	170287	4.49%	0.429%
18	7.529	2145	2158	2160	rBV	75242	111840	2.95%	0.282%
19	7.567	2161	2170	2186	rVB	806966	1430845	37.71%	3.603%
20	7.715	2202	2216	2232	rBV	180975	365908	9.64%	0.921%
21	7.860	2248	2261	2270	rBV5	23817	45167	1.19%	0.114%
22	7.921	2270	2280	2300	rVB3	42798	83121	2.19%	0.209%
23	8.050	2300	2320	2331	rBV2	54973	105399	2.78%	0.265%
24	8.493	2443	2458	2470	rBV4	41669	87282	2.30%	0.220%
25	8.609	2483	2494	2504	rBV	166794	294409	7.76%	0.741%
26	8.850	2558	2569	2582	rBV2	57428	103946	2.74%	0.262%
27	9.095	2632	2645	2650	rBV	548290	943777	24.87%	2.376%
28	9.191	2667	2675	2685	rVB	96227	165715	4.37%	0.417%
29	9.255	2686	2695	2706	rVB5	20769	39203	1.03%	0.099%
30	9.368	2718	2730	2748	rBV6	109649	274893	7.24%	0.692%
31	9.574	2781	2794	2808	rBV2	81903	144163	3.80%	0.363%
32	9.747	2825	2848	2859	rBV4	113951	356160	9.39%	0.897%
33	9.808	2859	2867	2883	rVB	37864	69013	1.82%	0.174%
34	9.924	2888	2903	2906	rBV3	66383	121704	3.21%	0.306%

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35	9.956	2907	2913	2926	rVB	196535	317523	8.37%	0.800%
36	10.053	2932	2943	2958	rBV9	90015	197410	5.20%	0.497%
37	10.168	2971	2979	2987	rBV	58386	82845	2.18%	0.209%
38	10.226	2987	2997	3007	rVB6	48348	104991	2.77%	0.264%
39	10.310	3012	3023	3035	rBV	536184	844141	22.24%	2.126%
40	10.381	3035	3045	3054	rBV3	113938	181470	4.78%	0.457%
41	10.496	3073	3081	3092	rVB3	203761	333113	8.78%	0.839%
42	10.635	3116	3124	3136	rBV6	24477	58037	1.53%	0.146%
43	10.702	3136	3145	3156	rVV6	64919	141278	3.72%	0.356%
44	10.757	3156	3162	3173	rVV8	22597	55646	1.47%	0.140%
45	10.815	3174	3180	3188	rVV3	27571	47553	1.25%	0.120%
46	10.866	3188	3196	3208	rVB6	34766	68855	1.81%	0.173%
47	10.985	3221	3233	3249	rVB3	175543	322308	8.49%	0.812%
48	11.104	3260	3270	3278	rBV	181409	276307	7.28%	0.696%
49	11.149	3279	3284	3292	rVV4	20198	39691	1.05%	0.100%
50	11.207	3296	3302	3311	rVB2	61084	94243	2.48%	0.237%
51	11.294	3312	3329	3334	rBV	393660	681931	17.97%	1.717%
52	11.326	3335	3339	3354	rVB	377117	545030	14.36%	1.372%
53	11.403	3356	3363	3378	rVB8	20040	47526	1.25%	0.120%
54	11.487	3378	3389	3403	rBV	634166	1035399	27.28%	2.607%
55	11.615	3419	3429	3441	rVV5	31251	77206	2.03%	0.194%
56	11.693	3442	3453	3468	rVB	586806	925282	24.38%	2.330%
57	11.786	3468	3482	3495	rBV2	656328	1056602	27.84%	2.661%
58	11.863	3495	3506	3527	rVB4	276191	572915	15.10%	1.443%
59	11.985	3532	3544	3557	rBV3	47792	100535	2.65%	0.253%
60	12.255	3615	3628	3634	rVV	2360079	3623930	95.50%	9.125%
61	12.287	3634	3638	3650	rVV	866952	1364751	35.96%	3.437%
62	12.361	3650	3661	3679	rVV3	1526201	3794840	100.00%	9.556%
63	12.438	3679	3685	3695	rVV	124963	198233	5.22%	0.499%
64	12.503	3695	3705	3707	rVV2	73791	102026	2.69%	0.257%
65	12.541	3708	3717	3732	rVB	559734	900028	23.72%	2.266%
66	12.651	3732	3751	3764	rBV	1156489	2019993	53.23%	5.086%
67	12.721	3764	3773	3783	rVV	94400	153824	4.05%	0.387%
68	12.792	3783	3795	3805	rVB3	187955	300409	7.92%	0.756%
69	12.882	3813	3823	3830	rBV	193986	295927	7.80%	0.745%
70	12.927	3830	3837	3843	rVV	204886	293646	7.74%	0.739%
71	12.966	3843	3849	3856	rVV	179852	263366	6.94%	0.663%

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 Stop Thrs : 0 Peak Location: TOP

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72	13.001	3856	3860	3870	rVB	106870	142455	3.75%	0.359%
73	13.123	3871	3898	3909	rBV2	1717211	2924423	77.06%	7.364%
74	13.200	3916	3922	3928	rVB4	52127	71140	1.87%	0.179%
75	13.242	3928	3935	3947	rBV	63502	101291	2.67%	0.255%
76	13.409	3979	3987	3994	rBV2	62289	97574	2.57%	0.246%
77	13.458	3994	4002	4011	rVB	142405	219922	5.80%	0.554%
78	13.512	4011	4019	4027	rBV2	306171	449370	11.84%	1.132%
79	13.583	4028	4041	4045	rBV4	166720	310133	8.17%	0.781%
80	13.731	4078	4087	4097	rBV2	75069	128934	3.40%	0.325%
81	13.792	4097	4106	4117	rVB2	65791	107384	2.83%	0.270%
82	13.860	4117	4127	4142	rBV4	89729	201190	5.30%	0.507%
83	13.953	4142	4156	4168	rBV3	100679	225420	5.94%	0.568%
84	14.017	4169	4176	4186	rVB3	51465	83370	2.20%	0.210%
85	14.159	4211	4220	4236	rVB6	58520	152683	4.02%	0.384%
86	14.258	4241	4251	4258	rBV8	18749	41245	1.09%	0.104%
87	14.352	4266	4280	4291	rVB4	134618	300305	7.91%	0.756%
88	14.538	4327	4338	4353	rVB6	47653	129637	3.42%	0.326%
89	14.680	4372	4382	4409	rBV2	127384	259725	6.84%	0.654%
90	14.940	4455	4463	4477	rVB5	21527	42827	1.13%	0.108%
91	15.065	4491	4502	4517	rVB	361829	585496	15.43%	1.474%
92	16.065	4802	4813	4819	rBV3	54760	87812	2.31%	0.221%
93	16.104	4819	4825	4840	rVB	31636	51765	1.36%	0.130%

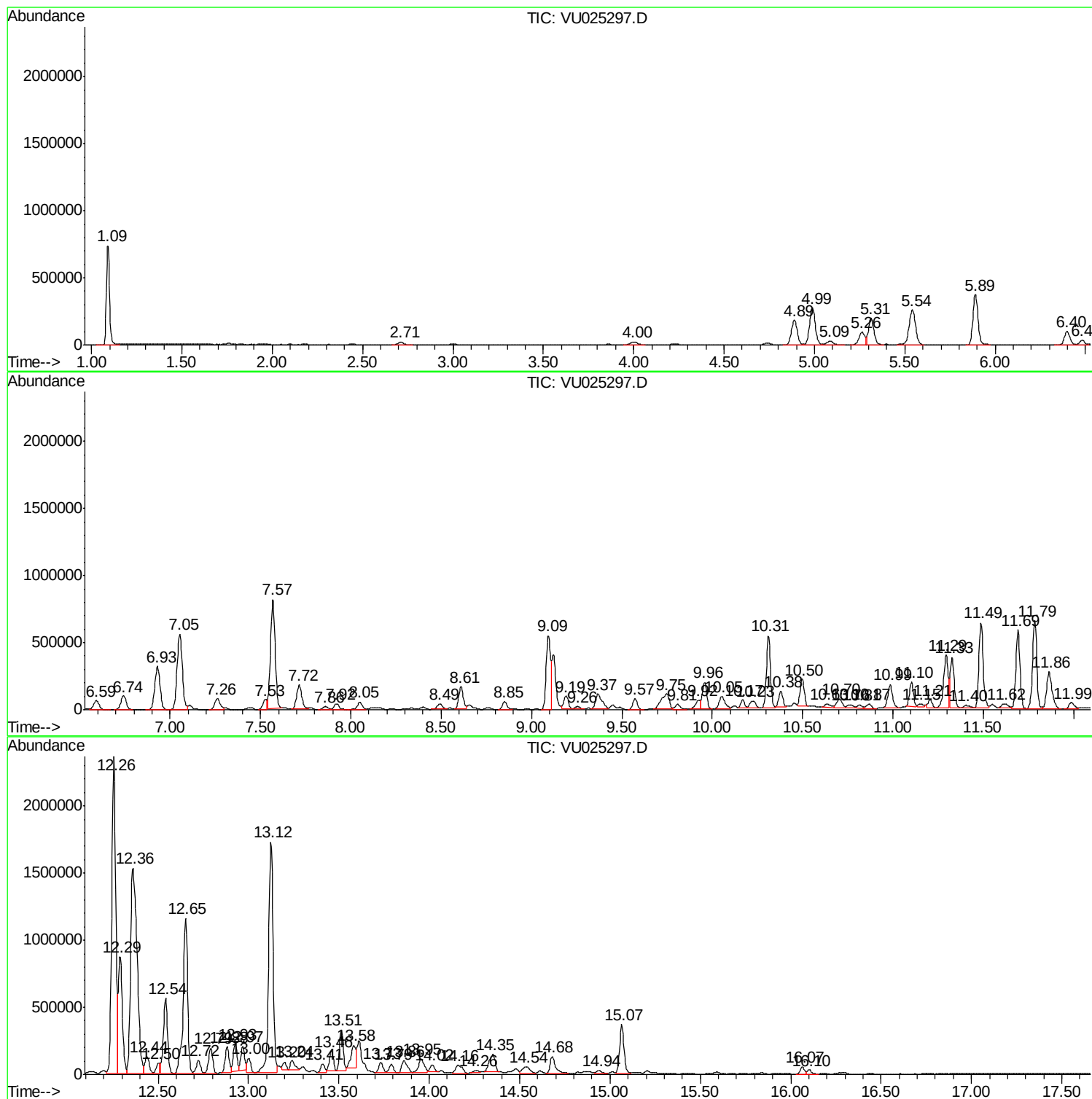
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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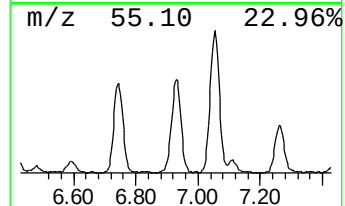
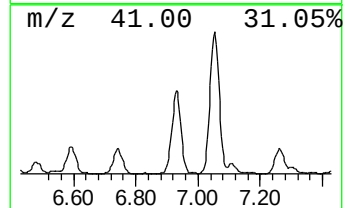
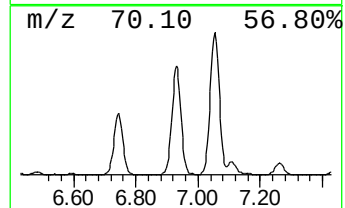
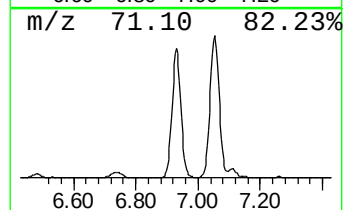
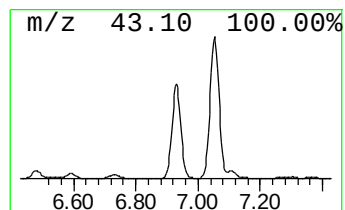
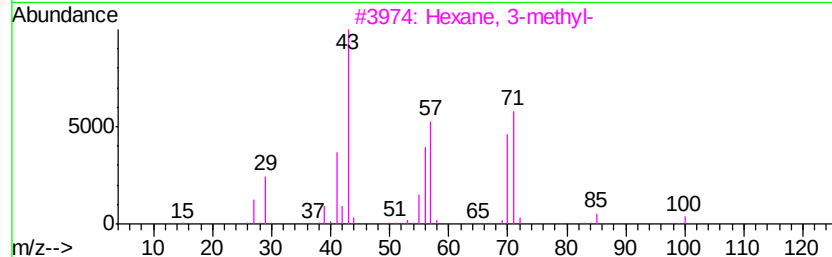
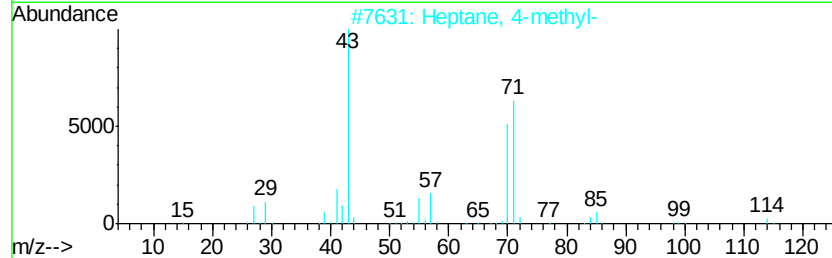
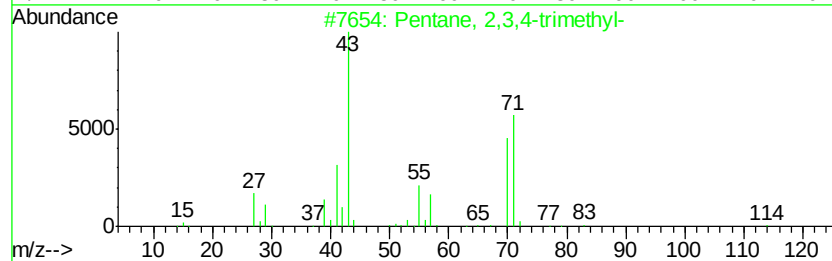
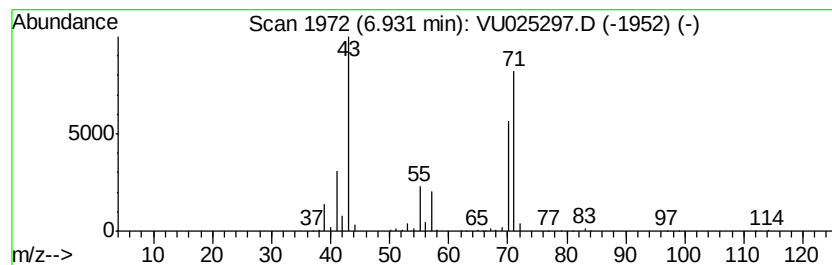
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	44.05 ug/l	653187	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5		Pentane, 3-ethyl-	100	C7H16	000617-78-7	74



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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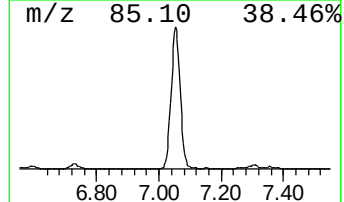
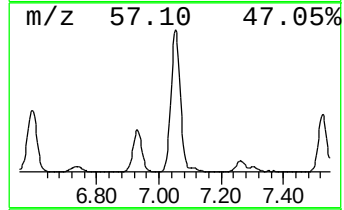
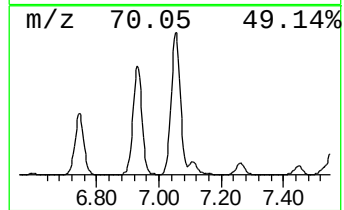
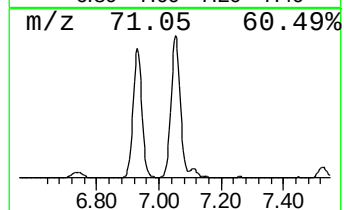
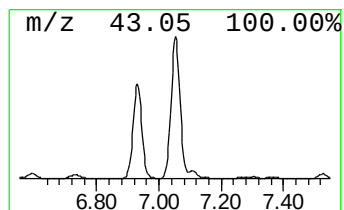
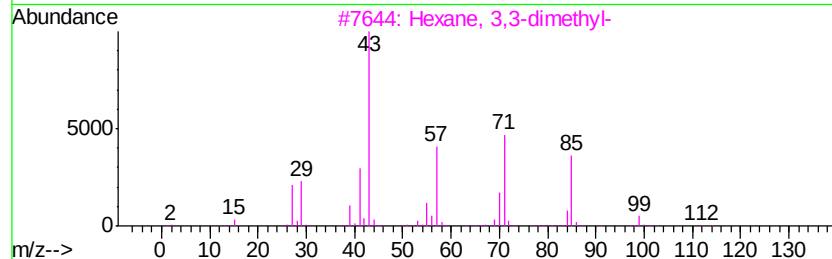
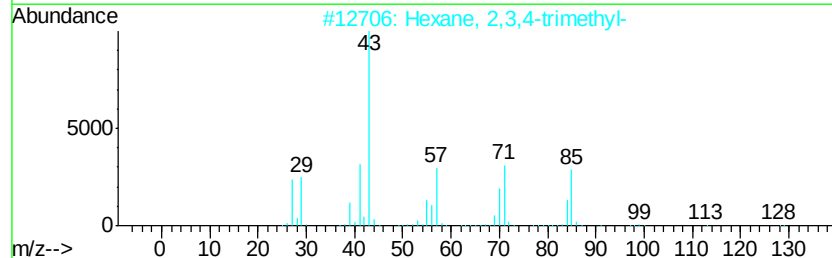
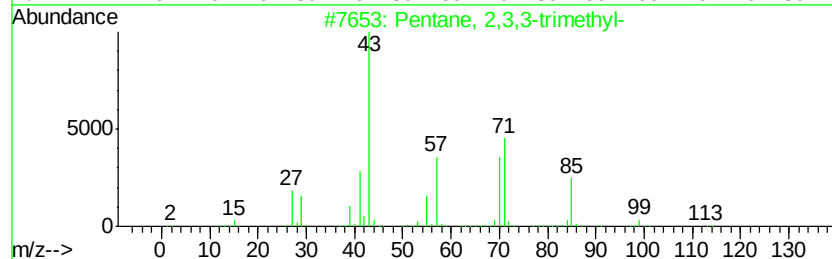
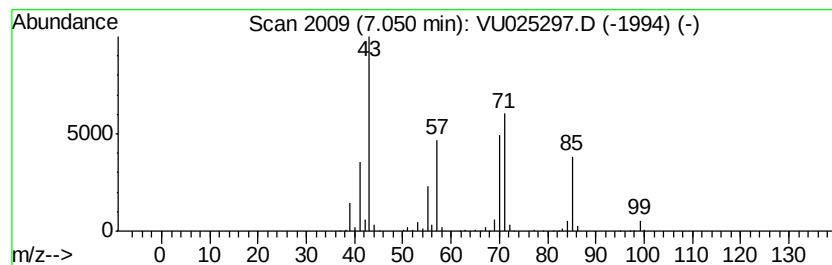
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	77.62 ug/l	1150810	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



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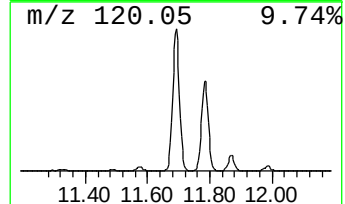
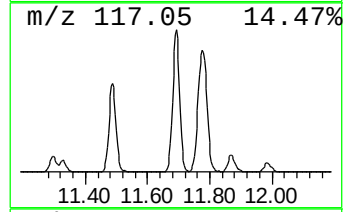
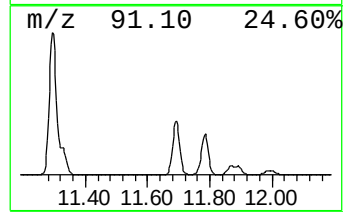
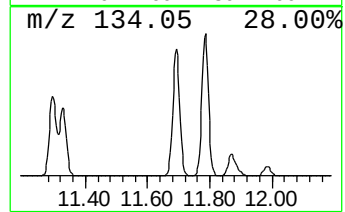
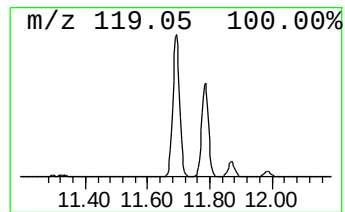
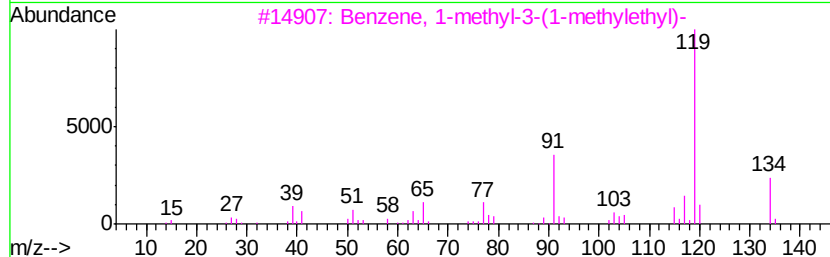
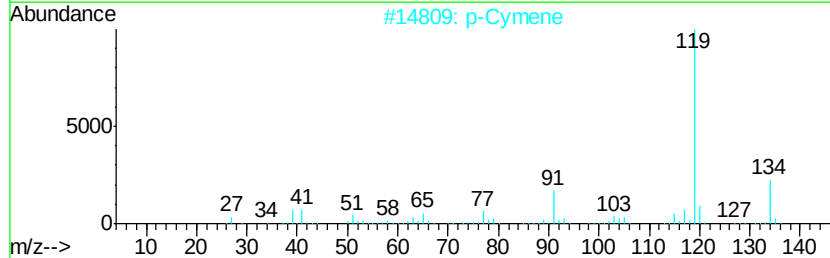
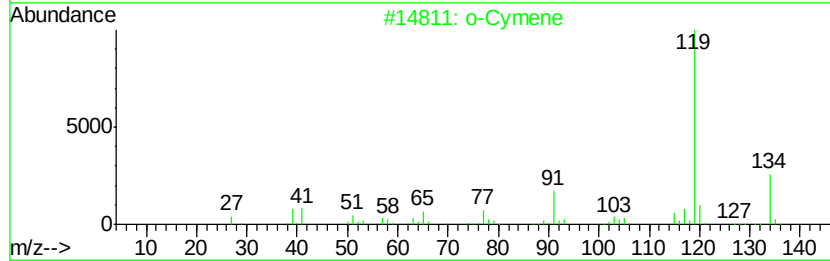
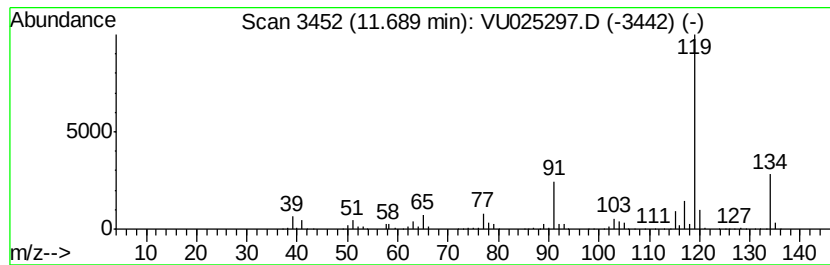
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Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	44.68 ug/l	925282	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 97
2		p-Cymene	134 C10H14	000099-87-6 97
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 95
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 91
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

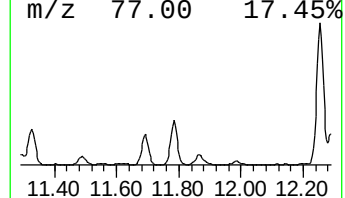
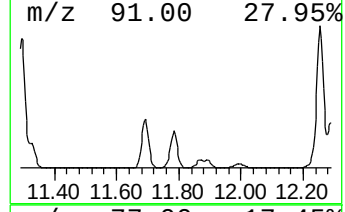
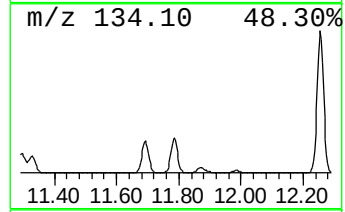
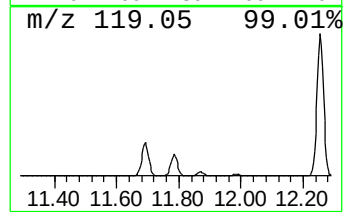
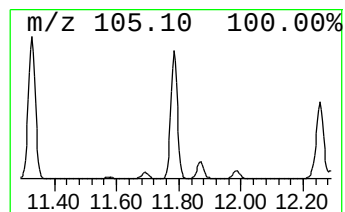
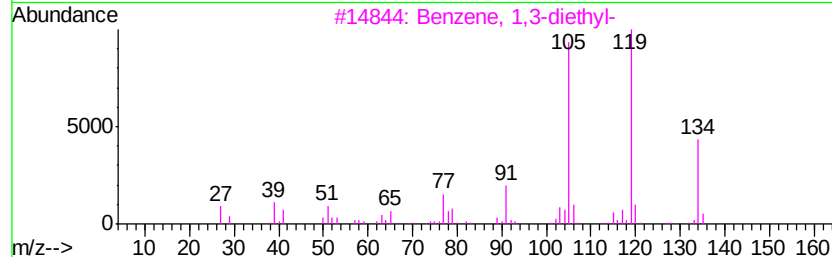
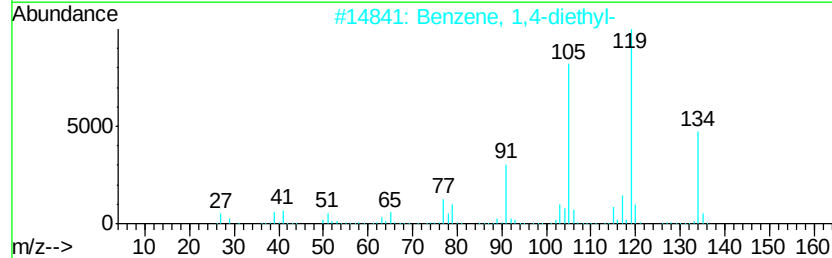
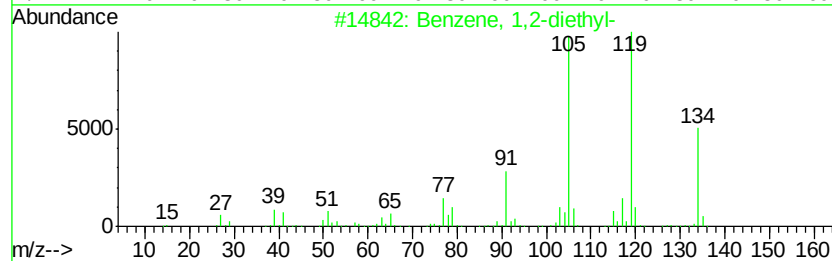
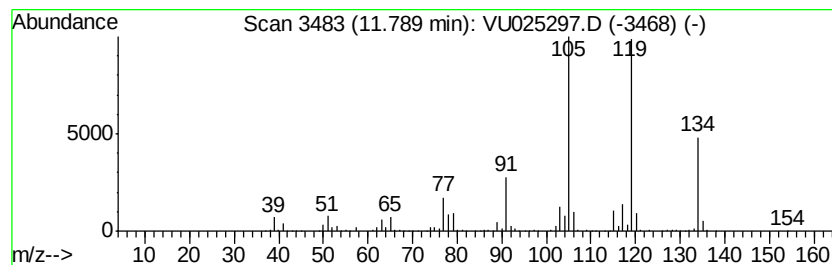
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	51.02 ug/l	1056600	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

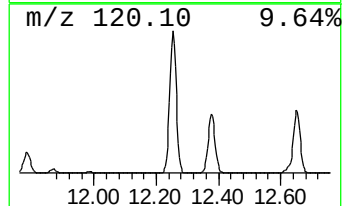
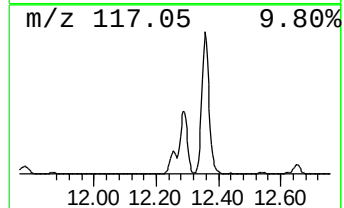
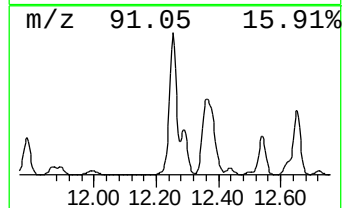
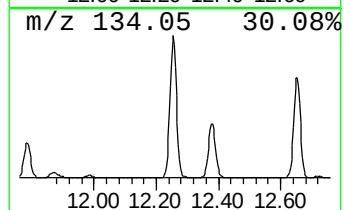
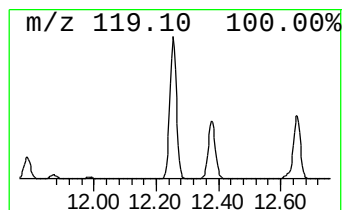
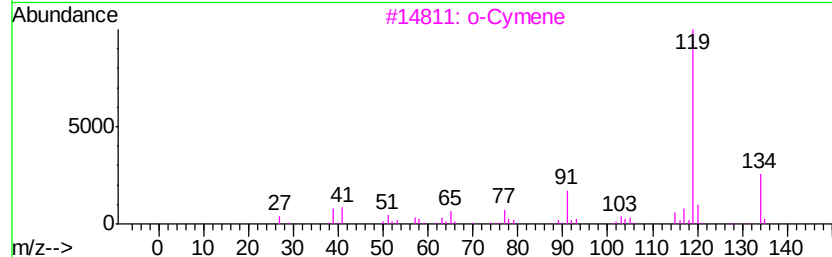
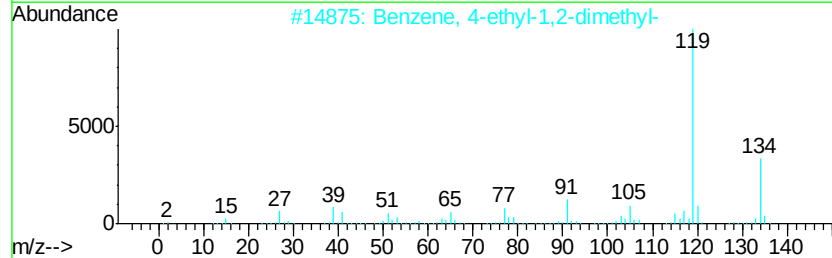
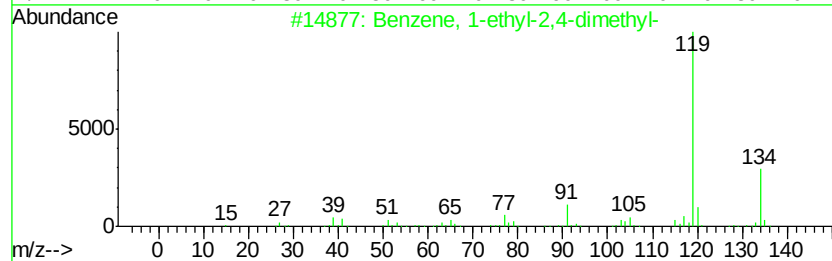
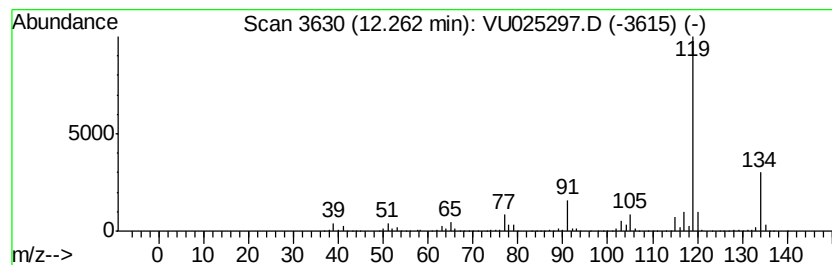
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	175.00 ug/l	3623930	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

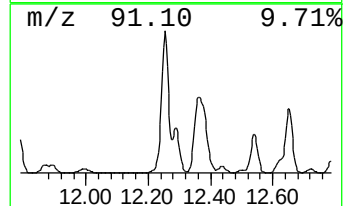
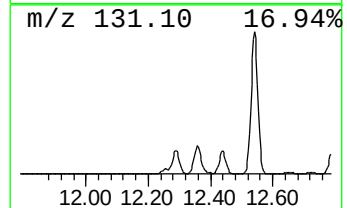
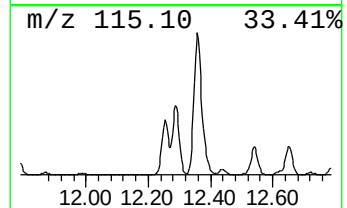
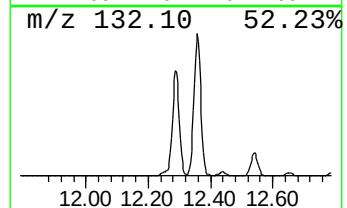
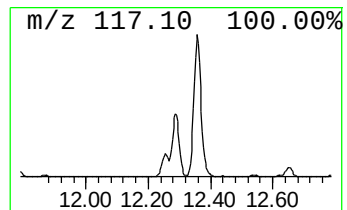
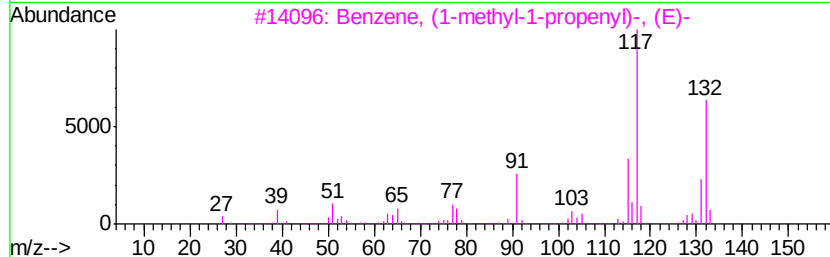
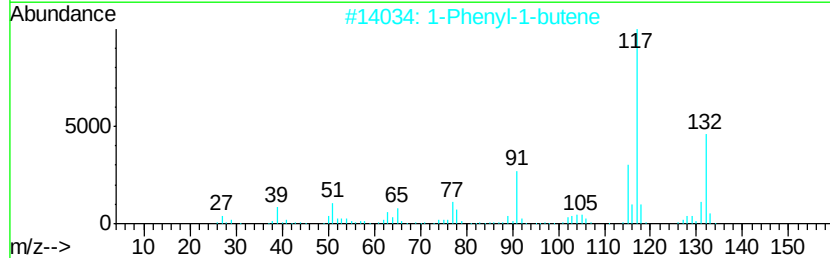
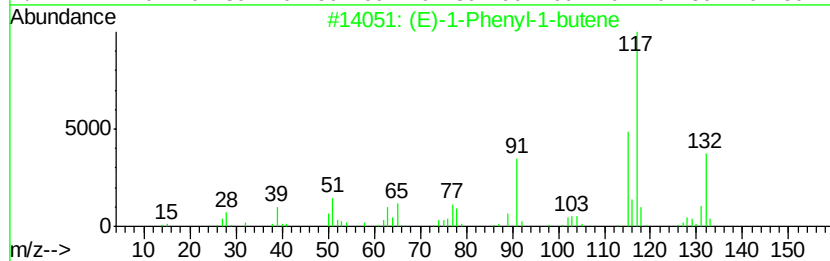
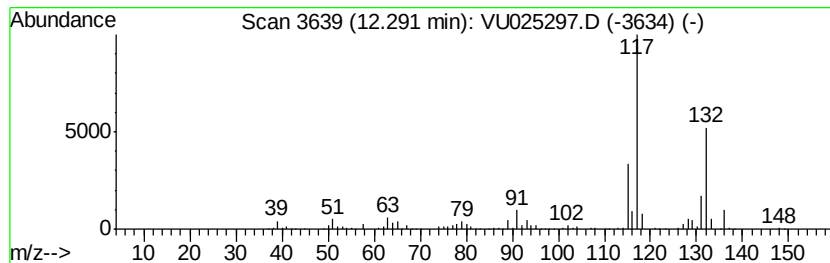
Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

Peak Number 7 (E)-1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	65.90 ug/l	1364750	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

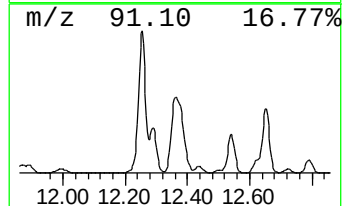
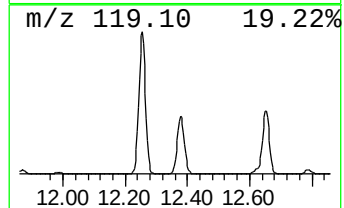
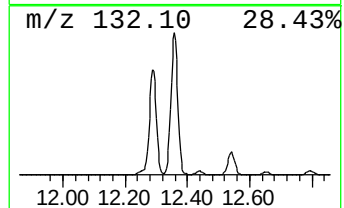
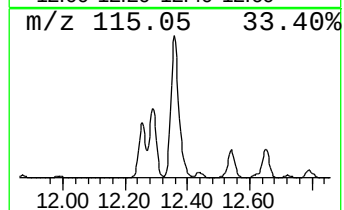
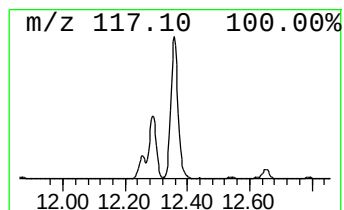
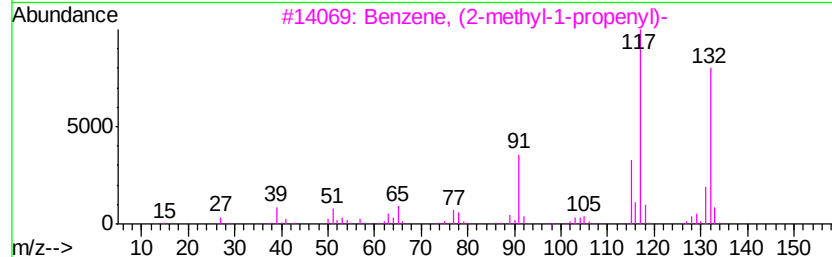
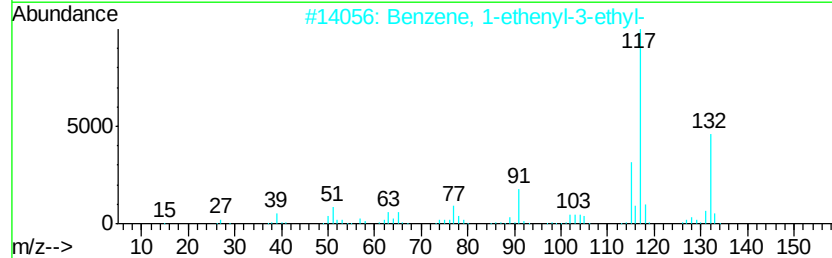
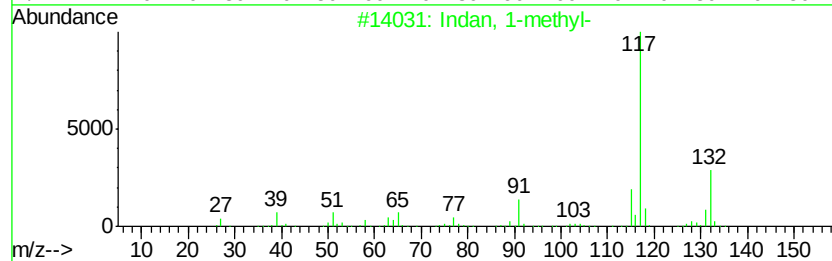
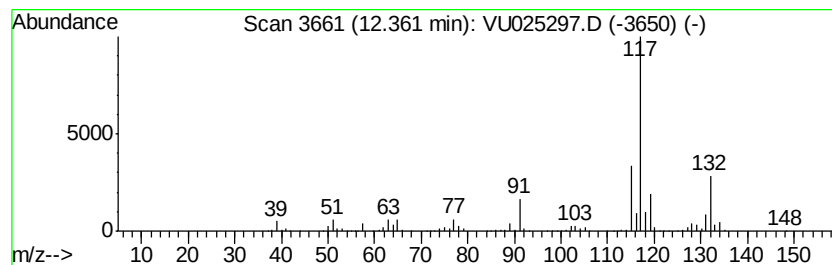
Instrument :
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ClientSampleId :
SS038MW004-180704

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

Peak Number 8 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	183.26 ug/l	3794840	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indan, 1-methyl-	132 C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	81
3	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	76
5	Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

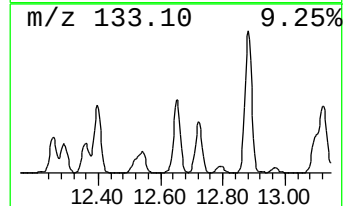
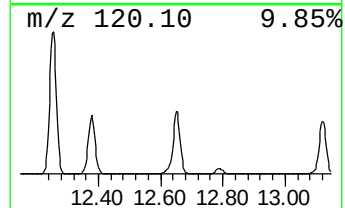
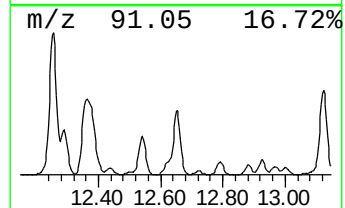
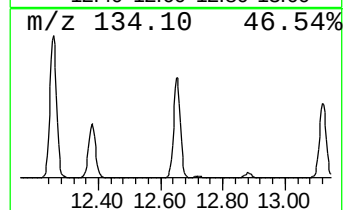
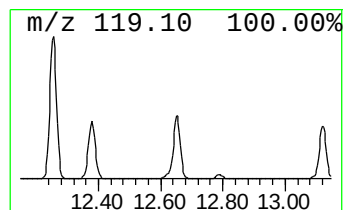
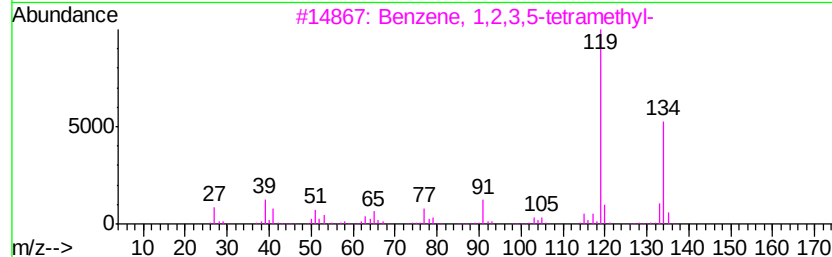
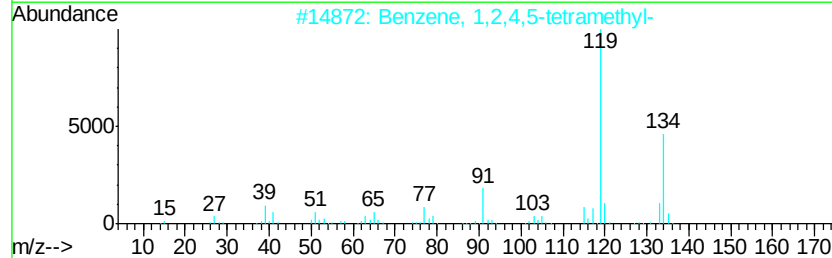
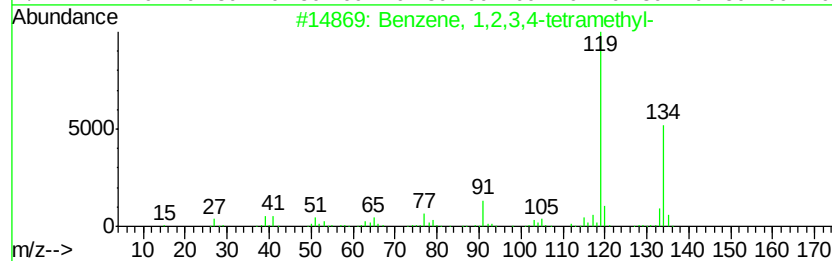
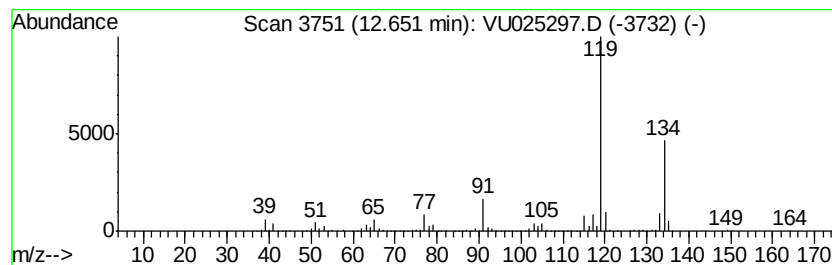
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	97.55 ug/l	2019990	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

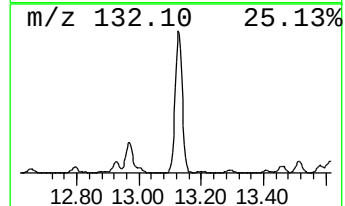
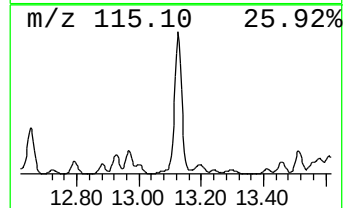
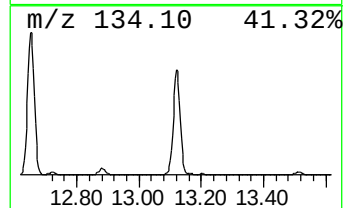
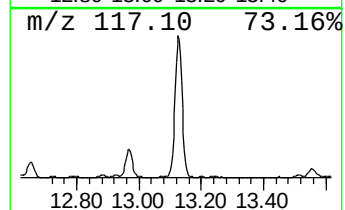
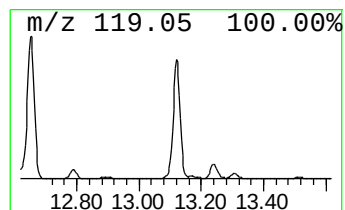
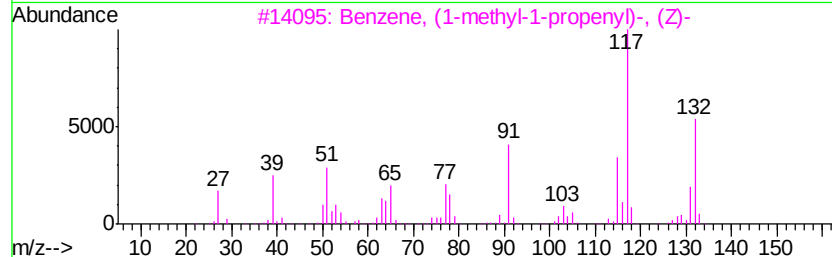
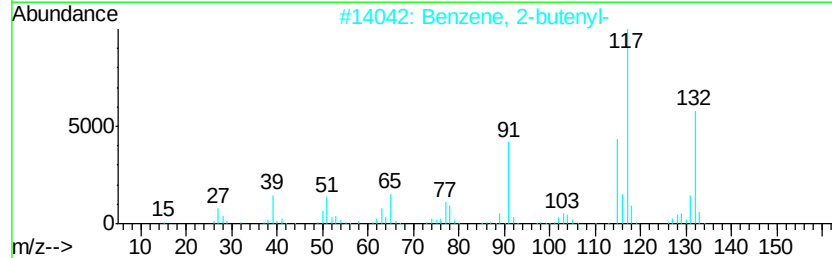
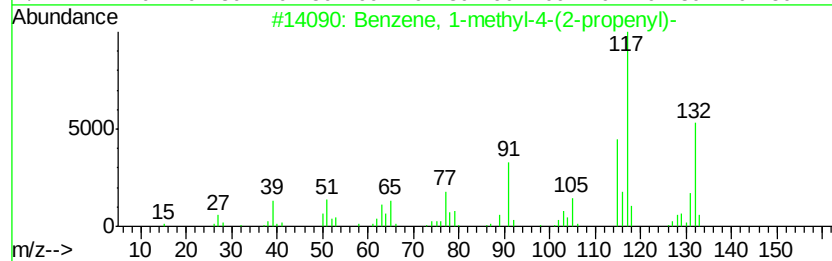
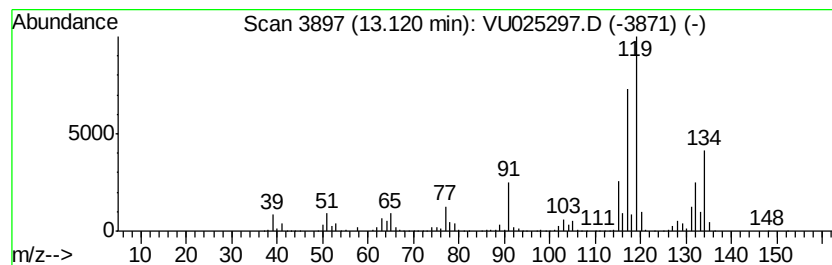
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-methyl-4-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	141.22 ug/l	2924420	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
4		o-Cymene	134	C10H14	000527-84-4	50
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Pentane, 2,3,3-tr...	7.05	77.6	ug/l	1150810	2	5.89	741354	50.0
o-Cymene	11.69	44.7	ug/l	925282	4	11.49	1035400	50.0
Benzene, 1,2-diet...	11.79	51.0	ug/l	1056600	4	11.49	1035400	50.0
Benzene, 1-ethyl-...	12.26	175.0	ug/l	3623930	4	11.49	1035400	50.0
(E)-1-Phenyl-1-bu...	12.29	65.9	ug/l	1364750	4	11.49	1035400	50.0
Indan, 1-methyl-	12.36	183.3	ug/l	3794840	4	11.49	1035400	50.0
Benzene, 1,2,3,4-...	12.65	97.5	ug/l	2019990	4	11.49	1035400	50.0
Benzene, 1-methyl...	13.12	141.2	ug/l	2924420	4	11.49	1035400	50.0