

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025214.D
 Acq On : 05 Jul 2018 14:36
 Operator : MD/SY
 Sample : J3808-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

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\82U061318W.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	1.089	136	155	178	rBV	961061	1115094	94.66%	9.521%
2	1.182	179	184	193	rVB	20124	21577	1.83%	0.184%
3	1.404	244	253	261	rVB2	14929	22155	1.88%	0.189%
4	2.442	564	576	587	rBV2	7923	14786	1.26%	0.126%
5	4.233	1109	1133	1159	rBV	133177	331538	28.15%	2.831%
6	4.889	1320	1337	1353	rBV	181911	412293	35.00%	3.520%
7	4.989	1353	1368	1391	rVB	270339	593654	50.40%	5.069%
8	5.313	1453	1469	1490	rBV	195856	412260	35.00%	3.520%
9	5.889	1634	1648	1667	rBV	365218	731502	62.10%	6.246%
10	6.191	1727	1742	1765	rBV	289818	555503	47.16%	4.743%
11	7.571	2151	2171	2190	rBV	676288	1177962	100.00%	10.058%
12	9.095	2632	2645	2668	rBV	530348	941109	79.89%	8.036%
13	9.191	2669	2675	2686	rVB2	6992	11910	1.01%	0.102%
14	9.368	2717	2730	2737	rBV5	10448	21509	1.83%	0.184%
15	9.574	2784	2794	2807	rVB2	8454	13367	1.13%	0.114%
16	9.747	2824	2848	2859	rBV7	24887	71285	6.05%	0.609%
17	9.808	2860	2867	2878	rVB2	8741	15116	1.28%	0.129%
18	9.924	2889	2903	2906	rBV6	9924	21481	1.82%	0.183%
19	9.956	2907	2913	2926	rVB4	17229	28850	2.45%	0.246%
20	10.050	2926	2942	2959	rBV7	28266	59433	5.05%	0.507%
21	10.169	2971	2979	2987	rBV	18673	26211	2.23%	0.224%
22	10.230	2987	2998	3007	rVV8	8341	17943	1.52%	0.153%
23	10.310	3012	3023	3036	rVV	504441	805528	68.38%	6.878%
24	10.378	3037	3044	3053	rVB4	24905	41581	3.53%	0.355%
25	10.497	3074	3081	3090	rVB5	15613	22398	1.90%	0.191%
26	10.593	3103	3111	3120	rBV	25193	38192	3.24%	0.326%
27	10.699	3136	3144	3155	rVB5	18348	34137	2.90%	0.291%
28	10.767	3156	3165	3174	rBV9	7896	16115	1.37%	0.138%
29	10.985	3218	3233	3248	rBV6	18257	47901	4.07%	0.409%
30	11.104	3249	3270	3280	rBV	133086	221715	18.82%	1.893%
31	11.156	3280	3286	3296	rVB7	8200	15459	1.31%	0.132%
32	11.294	3312	3329	3335	rBV	226898	381354	32.37%	3.256%
33	11.326	3335	3339	3354	rVB	150198	215903	18.33%	1.844%
34	11.403	3355	3363	3378	rVB9	11594	25528	2.17%	0.218%

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35	11.487	3378	3389	3405	rBV	583412	936757	79.52%	7.999%
36	11.609	3421	3427	3440	rVB6	7371	14429	1.22%	0.123%
37	11.693	3441	3453	3466	rVV	132479	206207	17.51%	1.761%
38	11.786	3466	3482	3493	rVV2	71591	116608	9.90%	0.996%
39	11.863	3494	3506	3526	rVB6	52010	128789	10.93%	1.100%
40	12.001	3535	3549	3561	rBV4	19530	39362	3.34%	0.336%
41	12.252	3614	3627	3634	rBV3	164581	286062	24.28%	2.443%
42	12.297	3634	3641	3652	rVV5	111923	193523	16.43%	1.652%
43	12.377	3652	3666	3680	rVV6	103235	272320	23.12%	2.325%
44	12.439	3680	3685	3693	rVB2	17084	25451	2.16%	0.217%
45	12.500	3693	3704	3709	rBV	40907	69462	5.90%	0.593%
46	12.541	3709	3717	3731	rVB	131727	212083	18.00%	1.811%
47	12.625	3731	3743	3746	rBV2	86774	128307	10.89%	1.096%
48	12.651	3747	3751	3763	rVV	110800	162125	13.76%	1.384%
49	12.722	3764	3773	3783	rVB	23609	36631	3.11%	0.313%
50	12.789	3783	3794	3807	rBV3	30791	45814	3.89%	0.391%
51	12.882	3813	3823	3830	rBV	29198	45181	3.84%	0.386%
52	12.924	3831	3836	3844	rVB2	11531	17010	1.44%	0.145%
53	12.998	3855	3859	3871	rVB3	8163	11867	1.01%	0.101%
54	13.075	3871	3883	3887	rBV3	13957	22491	1.91%	0.192%
55	13.123	3888	3898	3908	rVB3	65815	109567	9.30%	0.936%
56	13.246	3929	3936	3938	rBV2	11240	12783	1.09%	0.109%
57	13.300	3950	3953	3970	rVB5	8700	15450	1.31%	0.132%
58	13.458	3995	4002	4010	rVB5	7289	11780	1.00%	0.101%
59	13.512	4010	4019	4027	rBV4	20607	32030	2.72%	0.273%
60	13.580	4027	4040	4055	rBV7	16562	46040	3.91%	0.393%
61	13.734	4075	4088	4100	rBV4	13555	31065	2.64%	0.265%

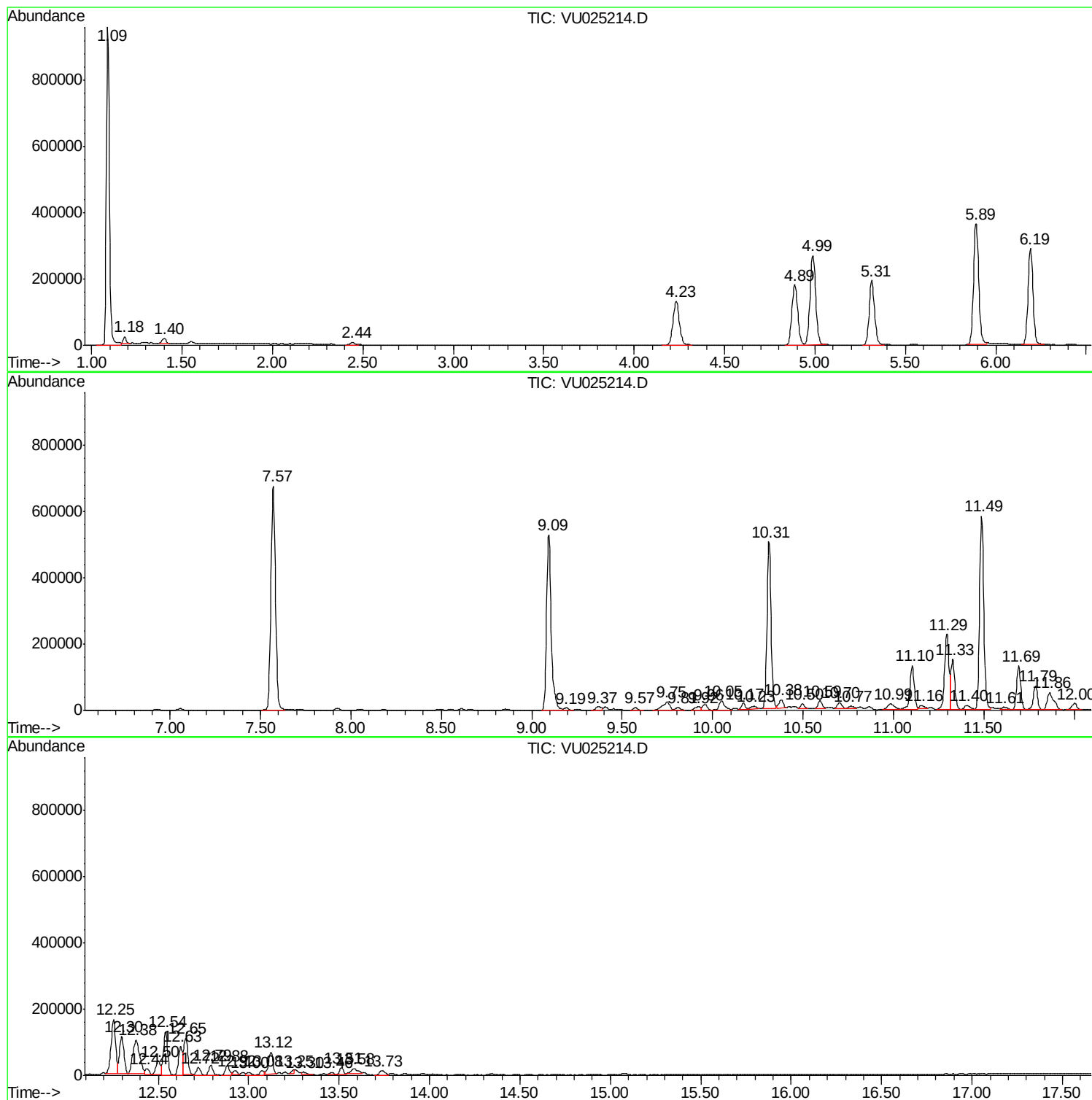
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Quant Title : SW846 8260

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



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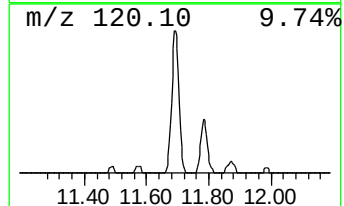
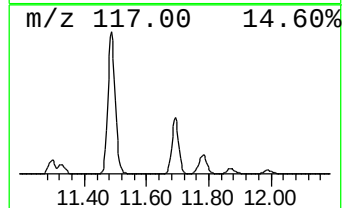
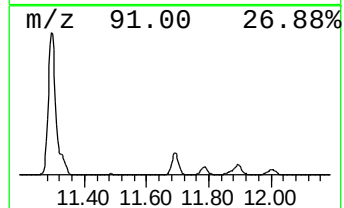
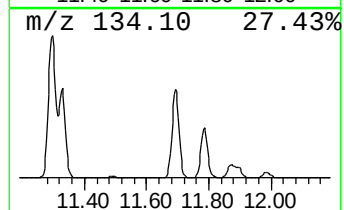
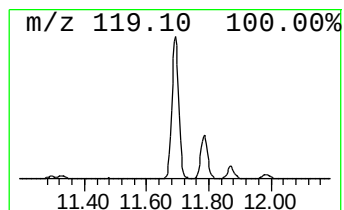
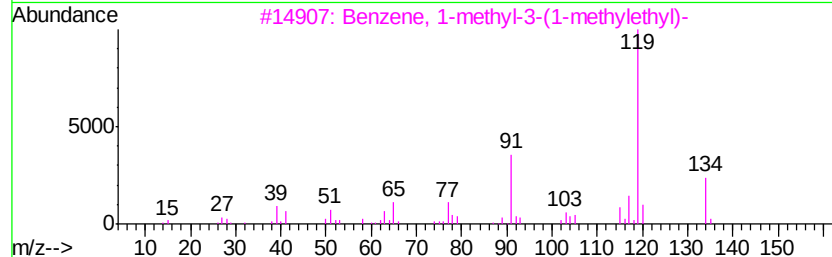
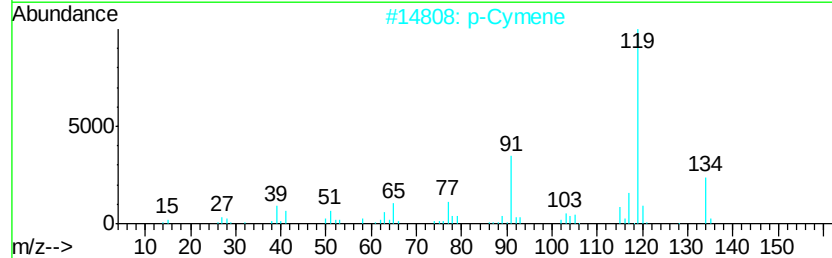
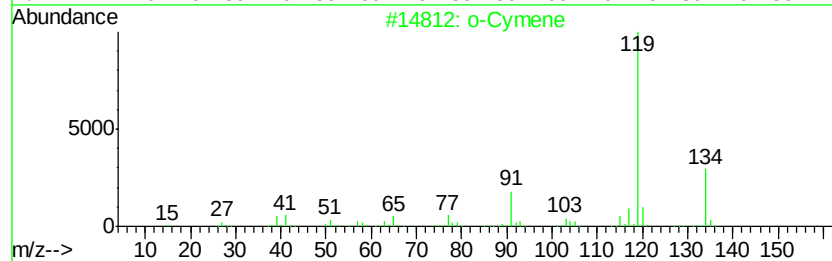
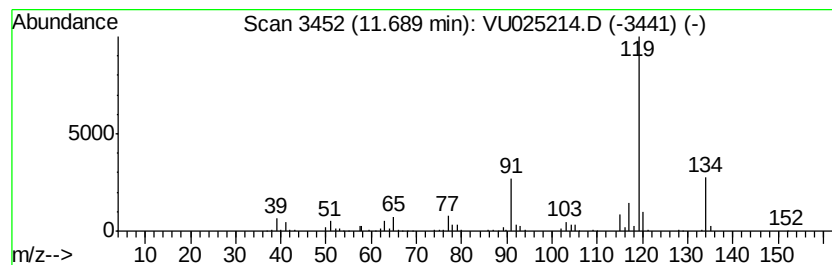
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.69	11.01 ug/l	206207	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



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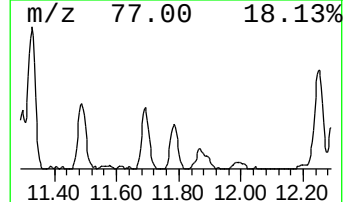
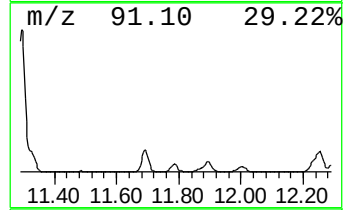
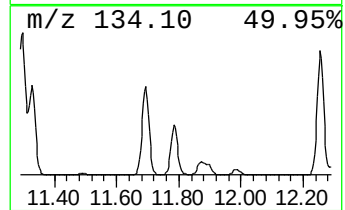
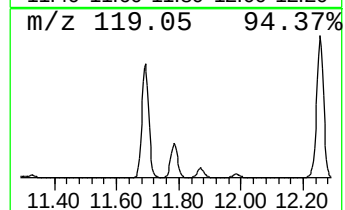
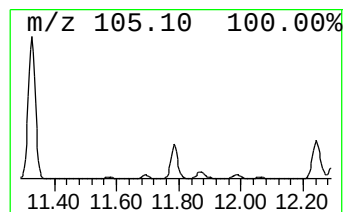
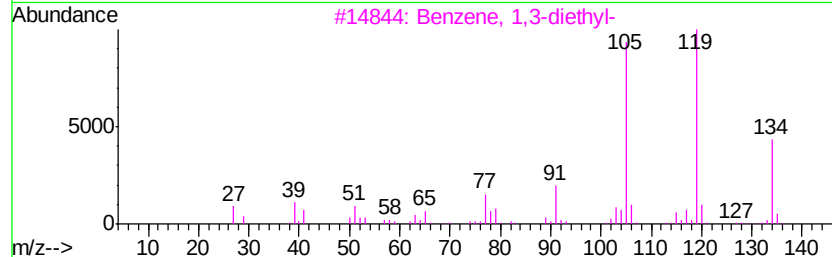
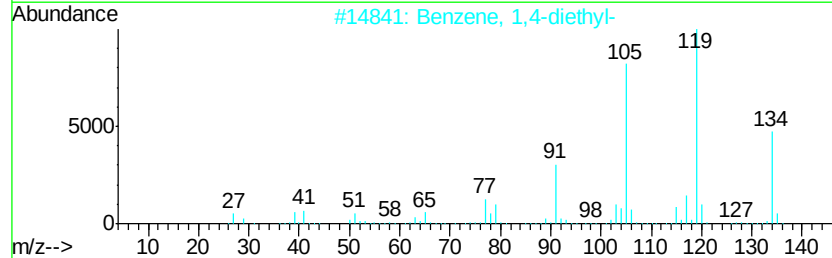
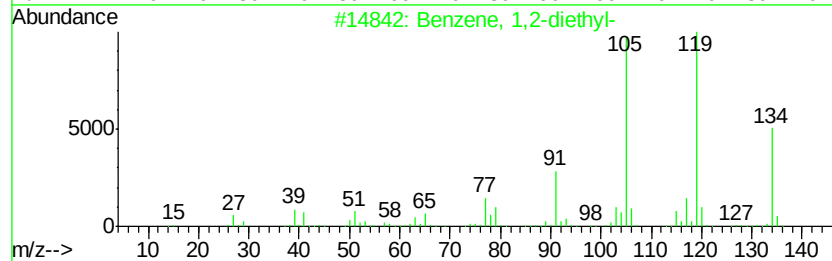
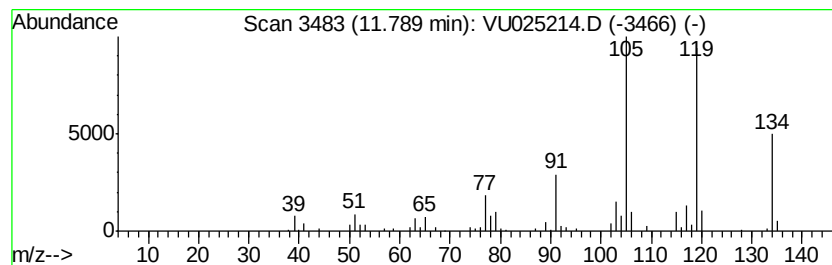
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.22 ug/l	116608	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	95
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



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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

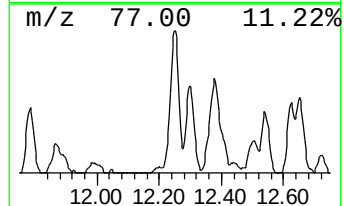
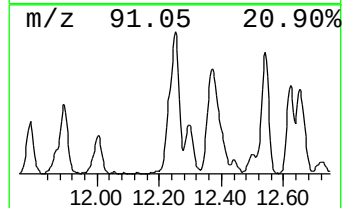
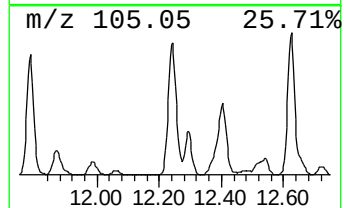
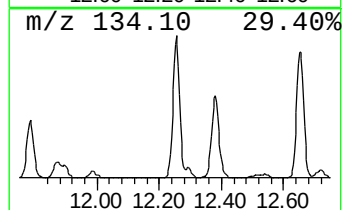
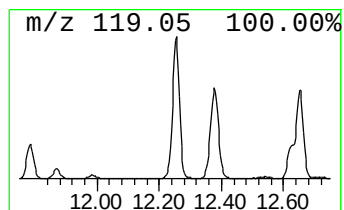
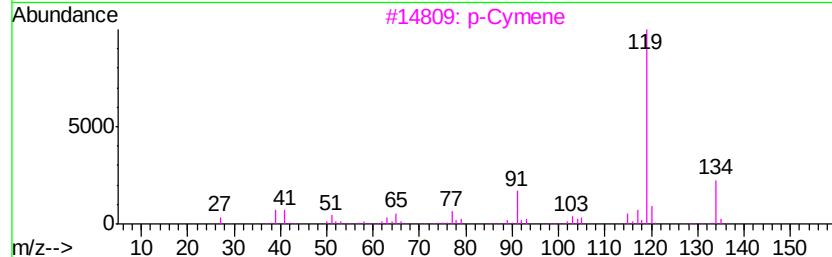
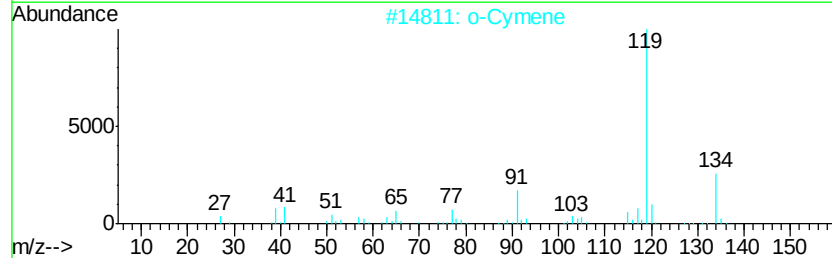
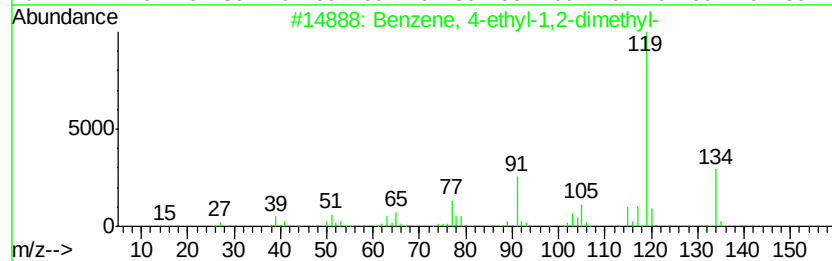
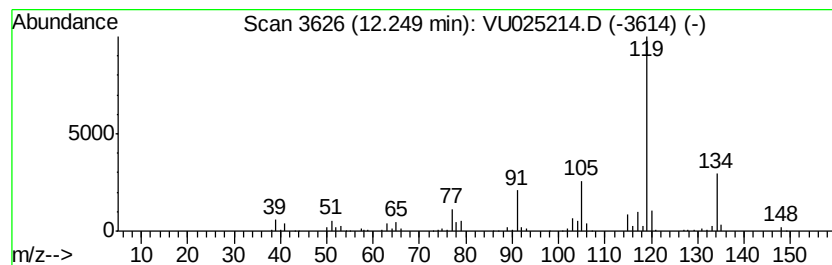
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	15.27 ug/l	286062	1,4-Dichlorobenzene-d4	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95	
2	o-Cymene	134	C10H14	000527-84-4	95	
3	p-Cymene	134	C10H14	000099-87-6	95	
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95	
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94	



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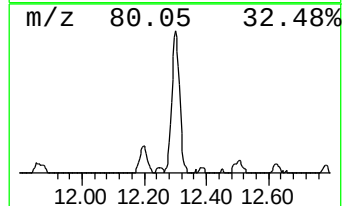
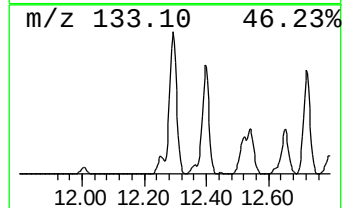
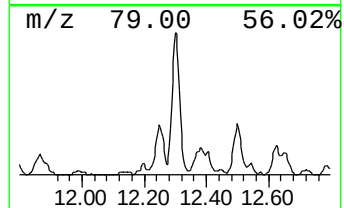
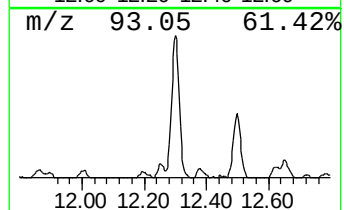
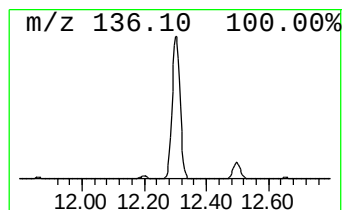
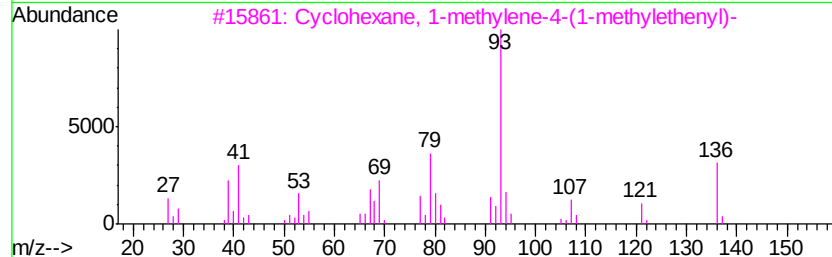
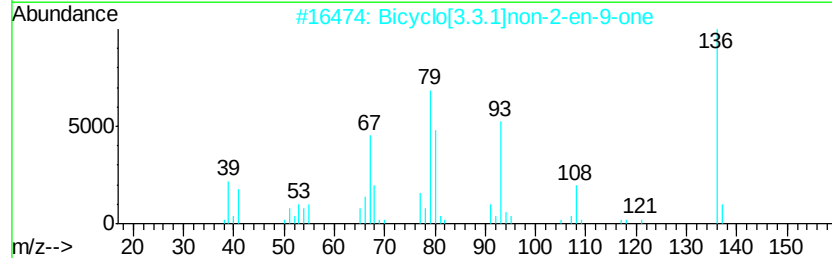
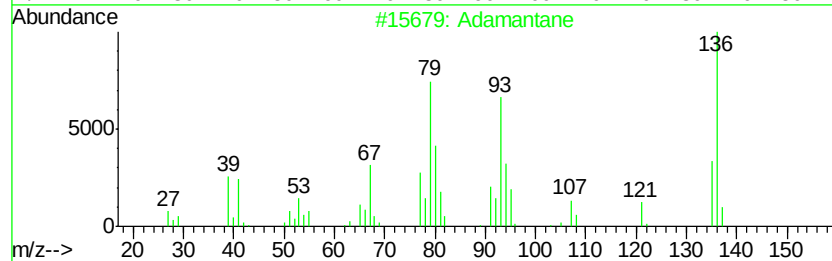
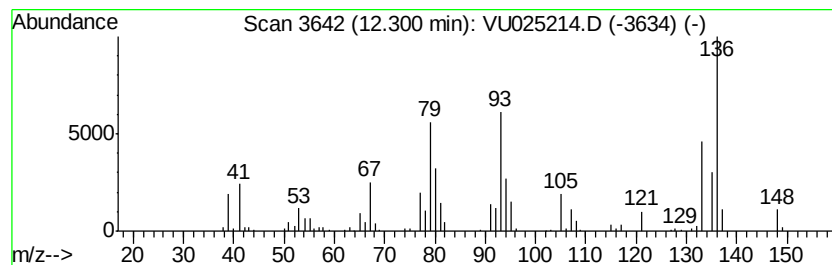
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	10.33 ug/l	193523	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 99
2	Bicyclo[3.3.1]non-2-en-9-one		136 C9H12O	004844-11-5 58
3	Cyclohexane, 1-methylene-4-(1-methylethenyl)-		136 C10H16	000499-97-8 49
4	Bicyclo[3.3.1]non-6-en-2-one		136 C9H12O	022482-58-2 47
5	5-Pyrimidinecarbonitrile, 4-amin...		136 C5H4N4O	1000327-46-8 38



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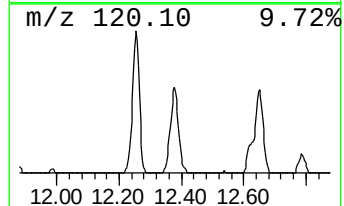
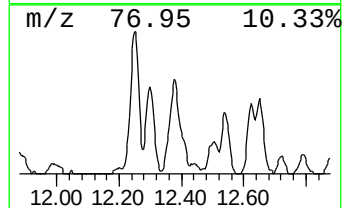
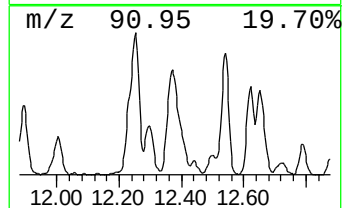
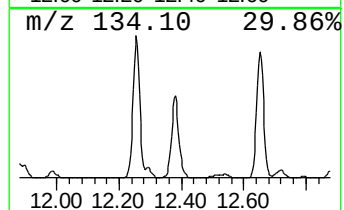
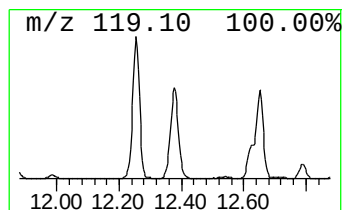
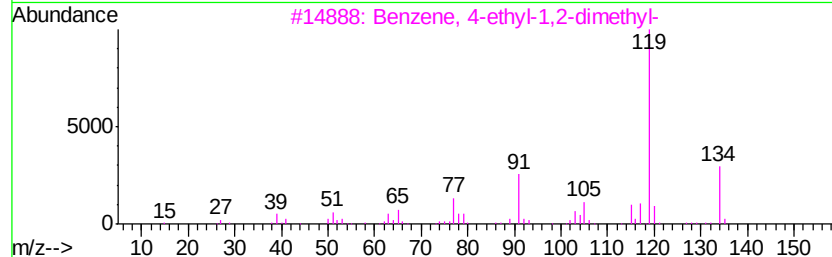
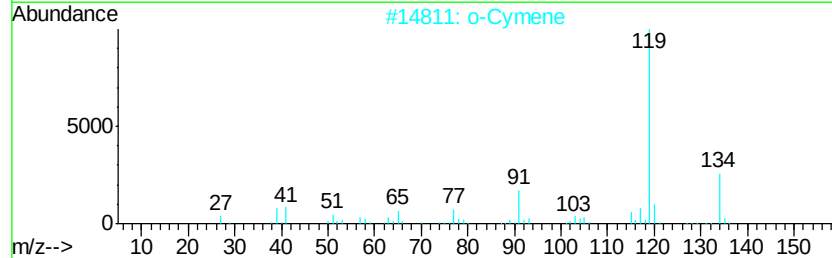
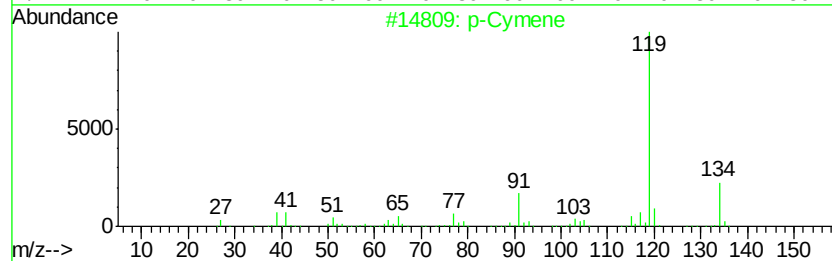
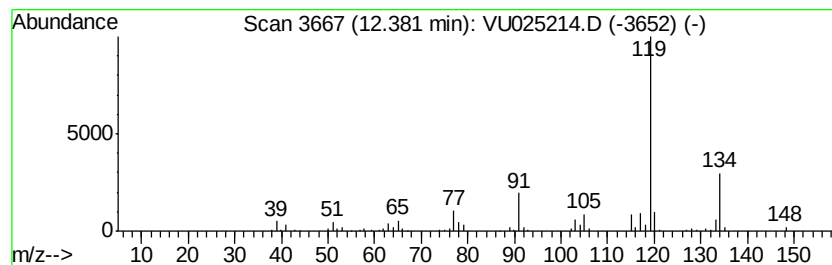
Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 6 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	14.54 ug/l	272320	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134	C10H14	000099-87-6 97
2	o-Cymene	134	C10H14	000527-84-4 97
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5 95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4 94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025214.D
Acq On : 05 Jul 2018 14:36
Operator : MD/SY
Sample : J3808-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

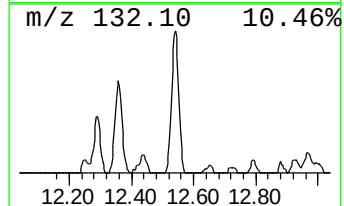
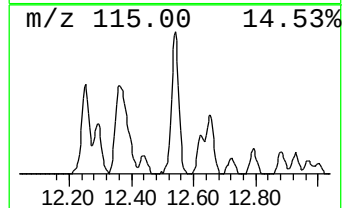
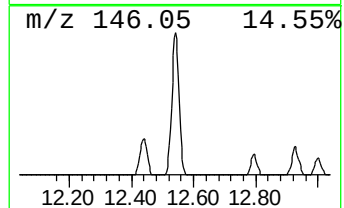
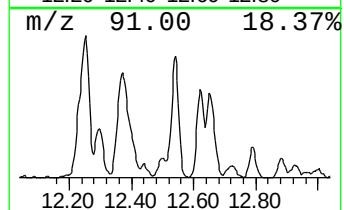
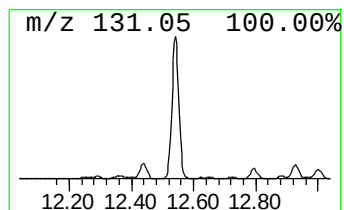
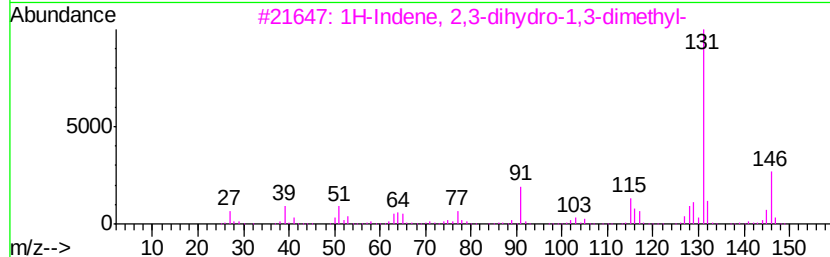
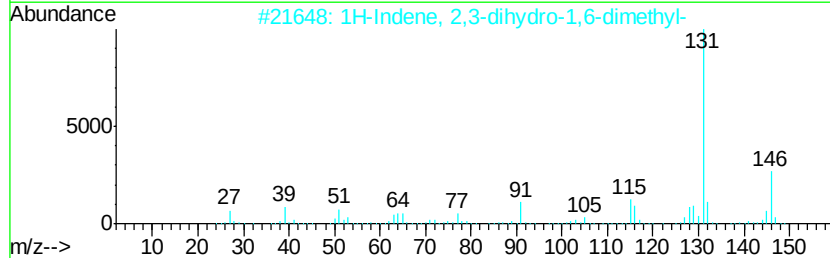
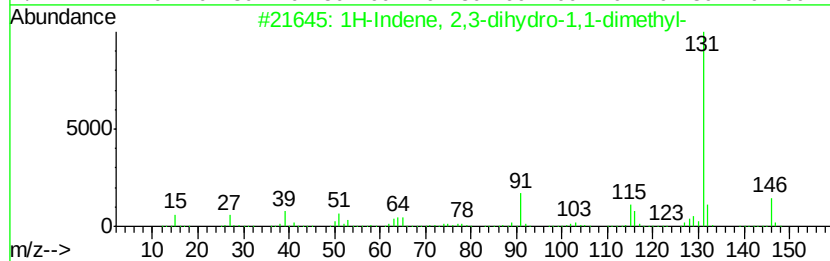
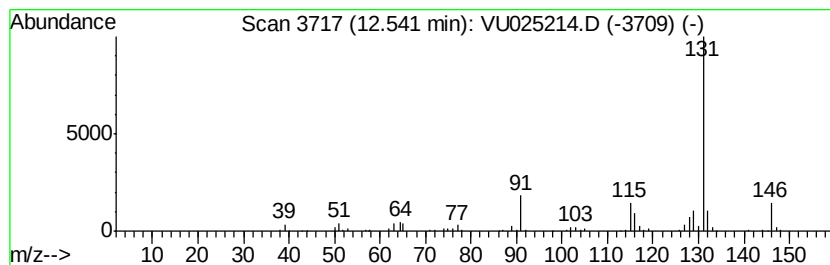
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	11.32 ug/l	212083	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	97
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025214.D
Acq On : 05 Jul 2018 14:36
Operator : MD/SY
Sample : J3808-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

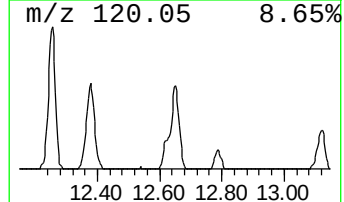
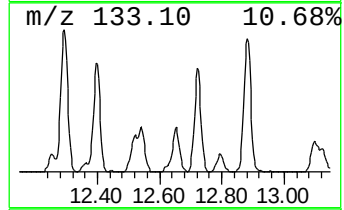
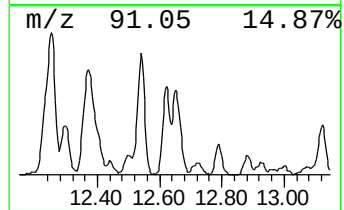
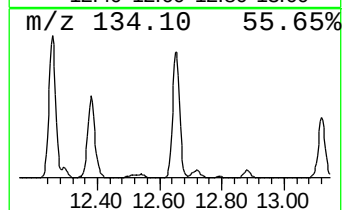
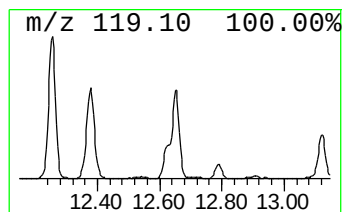
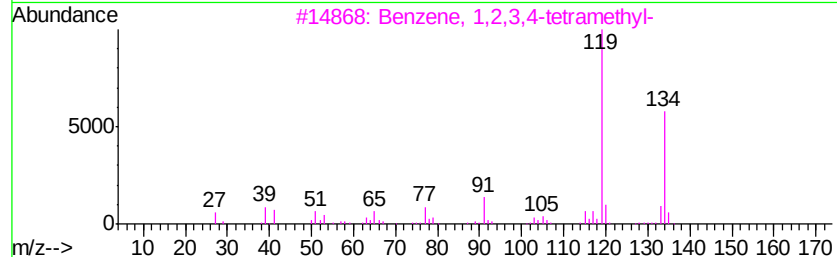
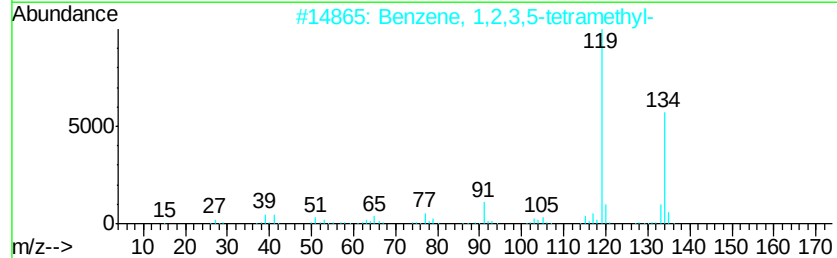
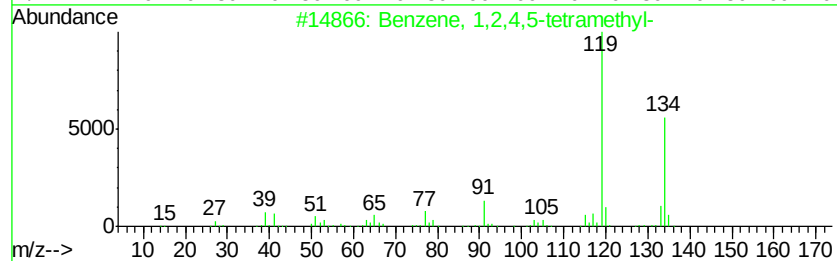
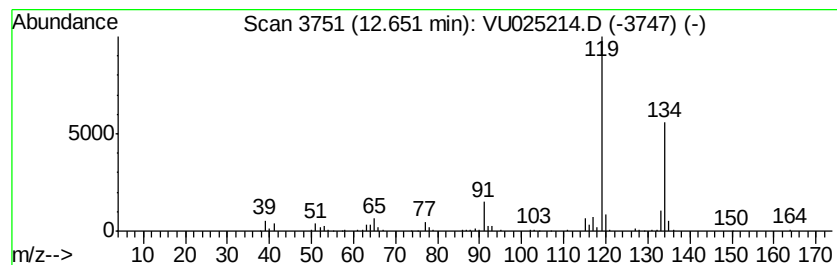
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.65 ug/l	162125	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU070518\
Data File : VU025214.D
Acq On : 05 Jul 2018 14:36
Operator : MD/SY
Sample : J3808-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.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
o-Cymene	11.69	11.0	ug/l	206207	4	11.49	936757	50.0
Benzene, 1,2-diet...	11.79	6.2	ug/l	116608	4	11.49	936757	50.0
Benzene, 4-ethyl-...	12.25	15.3	ug/l	286062	4	11.49	936757	50.0
Adamantane	12.30	10.3	ug/l	193523	4	11.49	936757	50.0
p-Cymene	12.38	14.5	ug/l	272320	4	11.49	936757	50.0
1H-Indene, 2,3-di...	12.54	11.3	ug/l	212083	4	11.49	936757	50.0
Benzene, 1,2,4,5-...	12.65	8.7	ug/l	162125	4	11.49	936757	50.0