

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027435.D
 Acq On : 05 Oct 2018 01:50
 Operator : MD/SY
 Sample : J5165-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718

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\82U100118W.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	4.887	1138	1155	1171	rBV	112997	255565	1.53%	0.478%
2	4.987	1171	1186	1208	rVV	151905	336651	2.02%	0.630%
3	5.311	1273	1287	1317	rBV	139697	303254	1.82%	0.568%
4	5.890	1450	1467	1505	rBV	240917	491784	2.94%	0.920%
5	7.569	1970	1989	2021	rBV	457847	850190	5.09%	1.591%
6	9.093	2451	2463	2481	rBV	362137	612574	3.67%	1.146%
7	9.723	2641	2659	2671	rBV6	67088	198145	1.19%	0.371%
8	9.954	2710	2731	2742	rBV3	141336	297883	1.78%	0.558%
9	10.048	2749	2760	2769	rBV4	116870	222120	1.33%	0.416%
10	10.166	2786	2797	2808	rBV	415751	653966	3.92%	1.224%
11	10.308	2831	2841	2854	rVB	370612	596115	3.57%	1.116%
12	10.494	2889	2899	2910	rVB3	125777	213538	1.28%	0.400%
13	10.588	2917	2928	2948	rBV	738746	1206626	7.22%	2.258%
14	10.707	2949	2965	2974	rVV	270902	625531	3.75%	1.171%
15	10.774	2974	2986	3007	rVB	506636	883142	5.29%	1.653%
16	10.980	3039	3050	3068	rVB5	76720	183643	1.10%	0.344%
17	11.105	3070	3089	3092	rBV2	150456	257009	1.54%	0.481%
18	11.154	3092	3104	3129	rVB	11042598	16701482	100.00%	31.258%
19	11.292	3130	3147	3151	rBV	200067	342649	2.05%	0.641%
20	11.324	3151	3157	3171	rVB	402607	640126	3.83%	1.198%
21	11.427	3172	3189	3197	rBV	537243	894806	5.36%	1.675%
22	11.482	3197	3206	3219	rVB2	923247	1466704	8.78%	2.745%
23	11.575	3221	3235	3258	rVB	4937644	7520941	45.03%	14.076%
24	11.691	3259	3271	3283	rVB	211509	347731	2.08%	0.651%
25	11.781	3283	3299	3305	rBV2	847212	1699436	10.18%	3.181%
26	11.867	3316	3326	3347	rVB5	870280	1987542	11.90%	3.720%
27	11.980	3350	3361	3380	rBV	331906	534941	3.20%	1.001%
28	12.147	3401	3413	3417	rBV	849222	1250865	7.49%	2.341%
29	12.176	3417	3422	3432	rVV	963744	1424442	8.53%	2.666%
30	12.253	3433	3446	3452	rVV	1065862	1695169	10.15%	3.173%
31	12.285	3452	3456	3467	rVV	370969	537352	3.22%	1.006%
32	12.356	3467	3478	3509	rVV5	583617	1809778	10.84%	3.387%
33	12.494	3509	3521	3528	rVV3	146812	269469	1.61%	0.504%
34	12.549	3528	3538	3550	rVB3	506828	898025	5.38%	1.681%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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 >
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Title : SW846 8260

35	12.649	3550	3569	3577	rBV	574233	993184	5.95%	1.859%
36	12.703	3577	3586	3602	rVB	963482	1479336	8.86%	2.769%
37	12.787	3602	3612	3627	rBV3	136733	258237	1.55%	0.483%
38	12.964	3661	3667	3675	rVB2	145072	195677	1.17%	0.366%
39	13.121	3707	3716	3731	rVB2	949050	1548612	9.27%	2.898%
40	13.289	3758	3768	3791	rVB	453813	746416	4.47%	1.397%

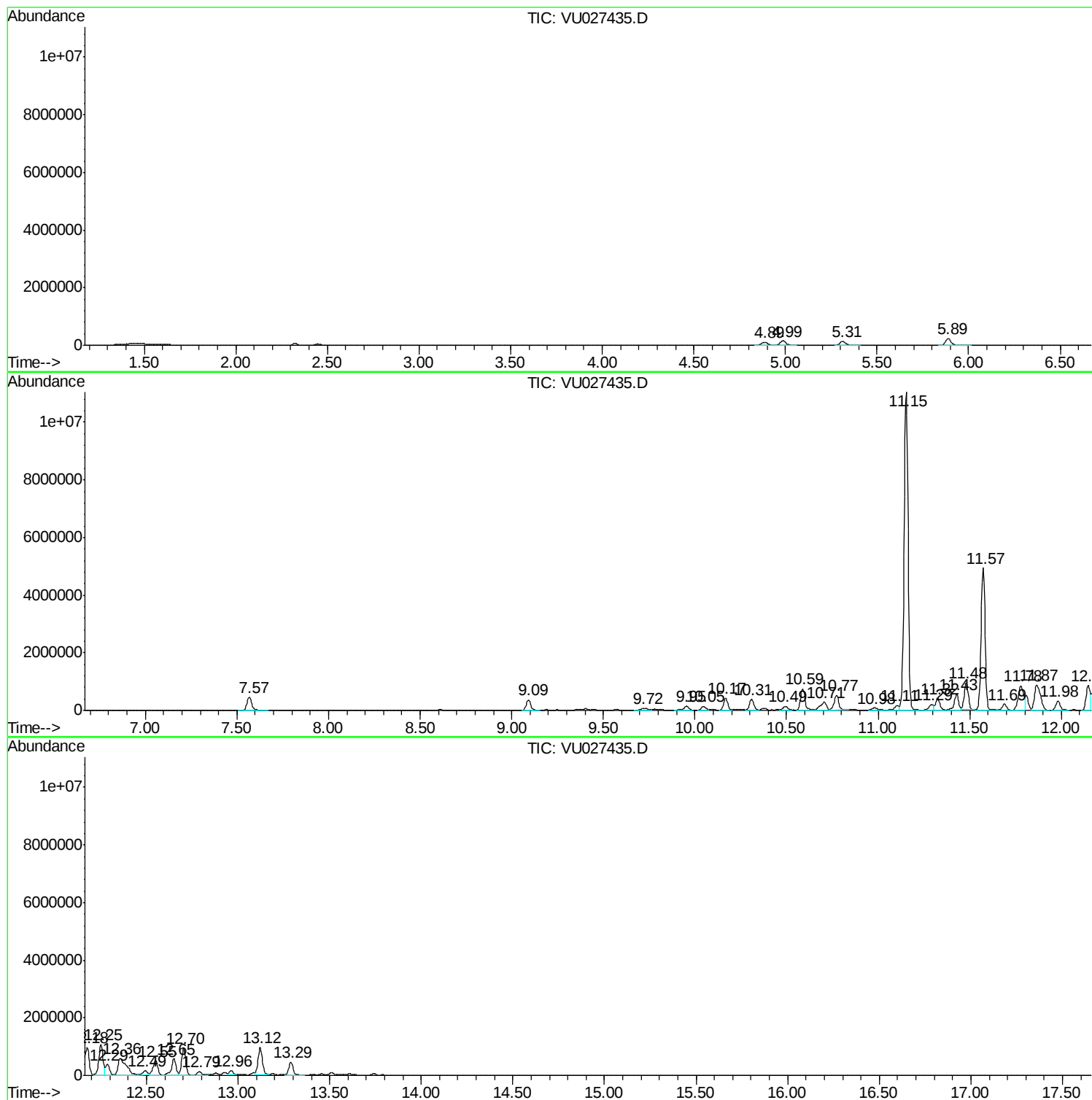
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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



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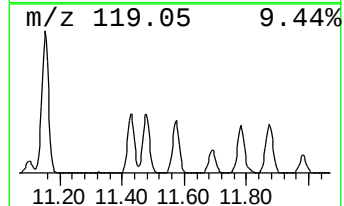
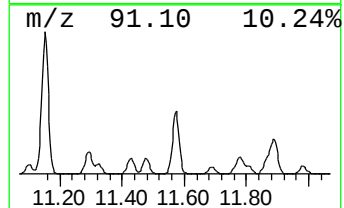
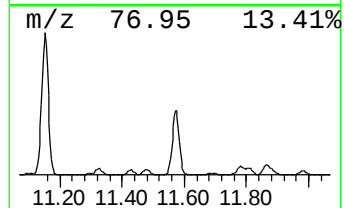
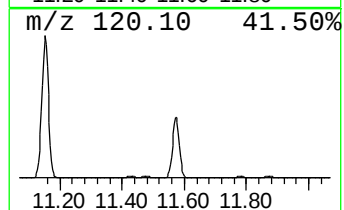
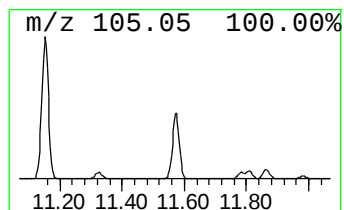
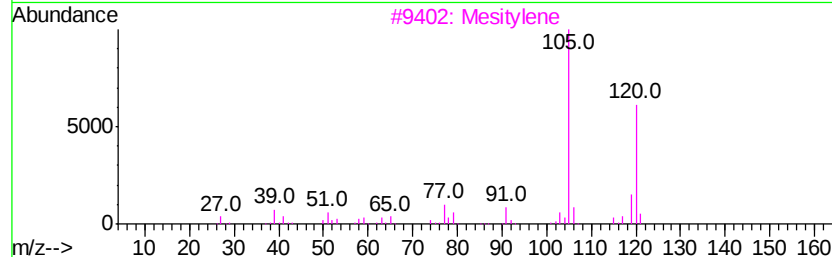
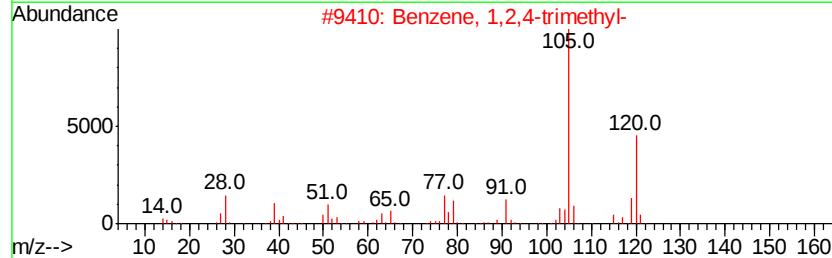
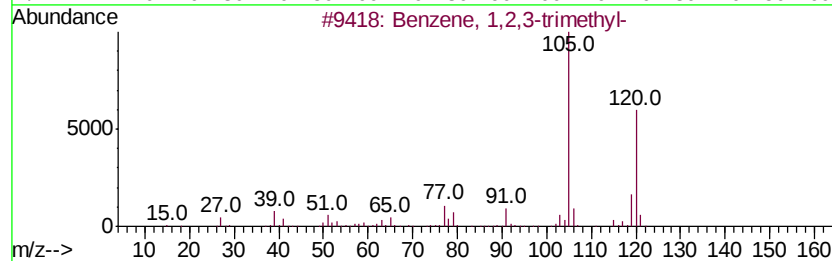
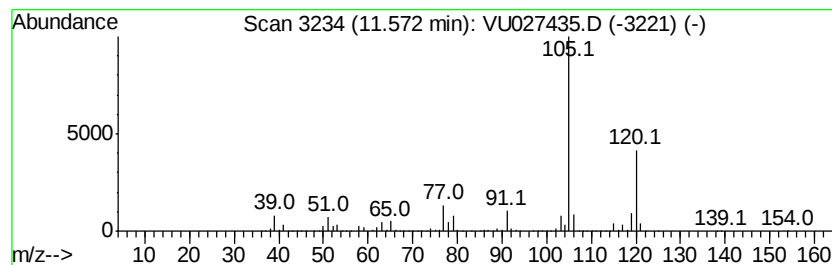
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	256.39 ug/l	7520940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



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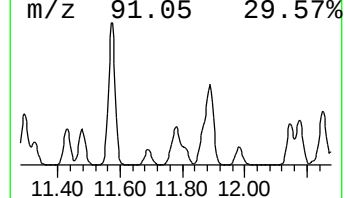
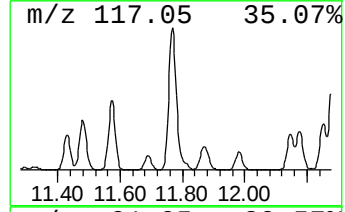
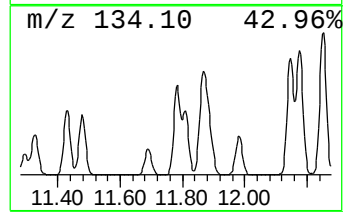
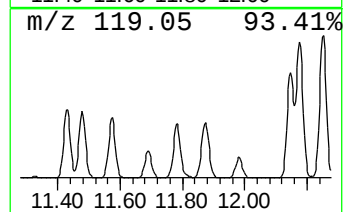
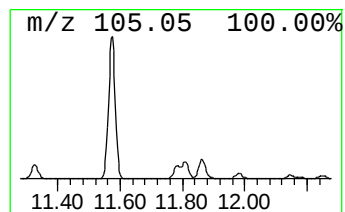
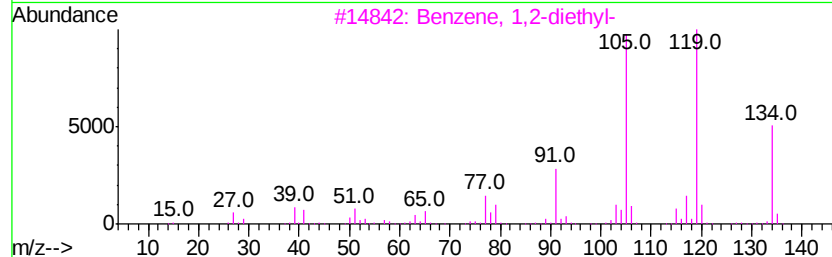
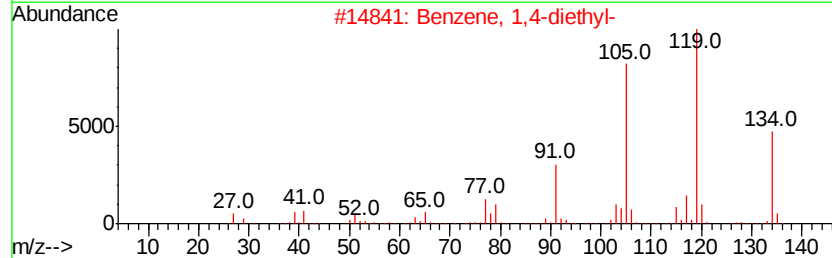
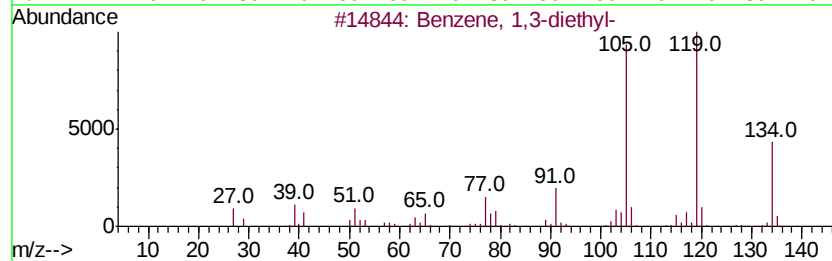
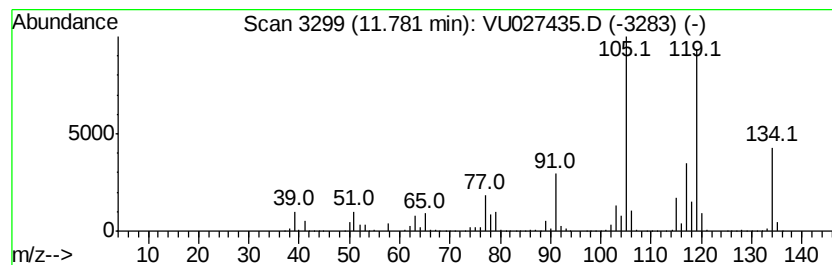
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Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	57.93 ug/l	1699440	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 93
2		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 93
3		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 93
4		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 83
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 68



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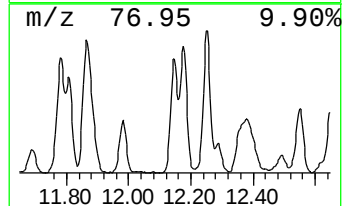
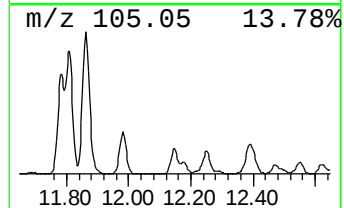
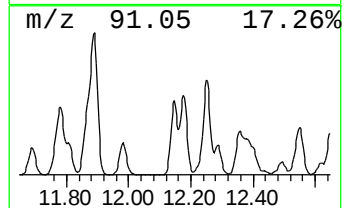
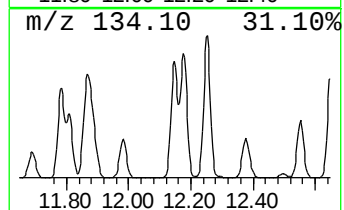
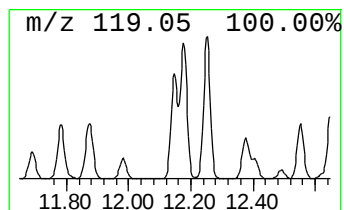
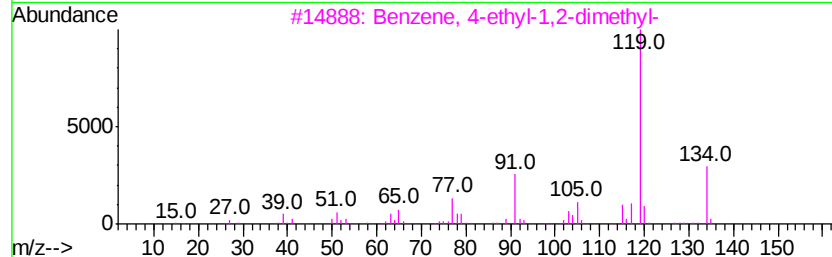
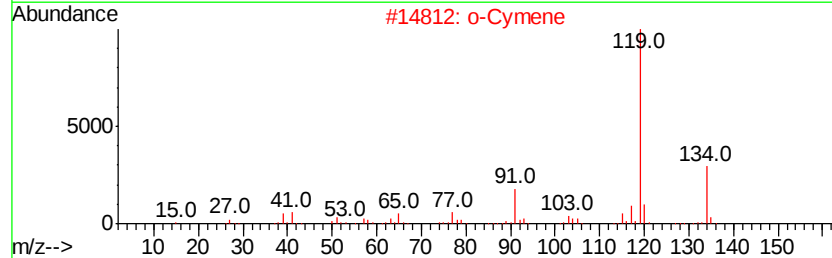
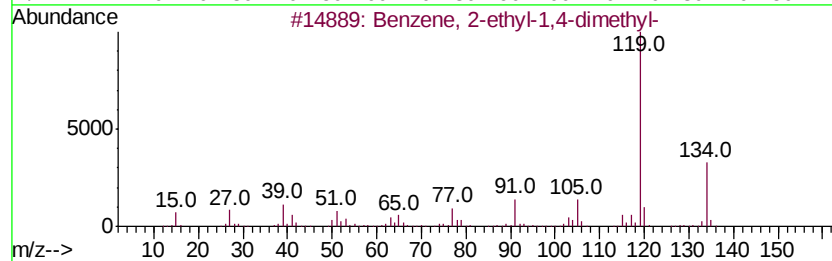
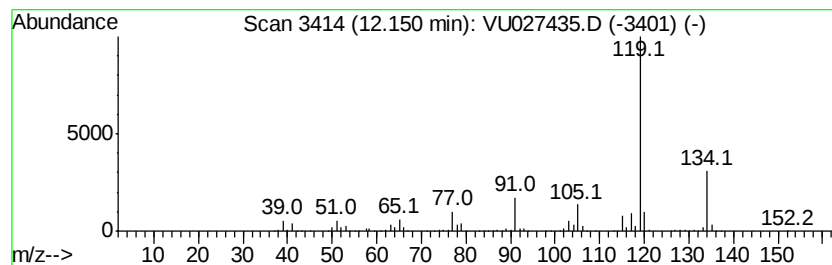
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	42.64 ug/l	1250870	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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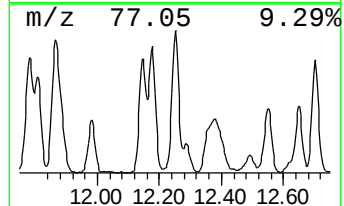
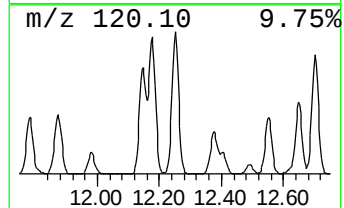
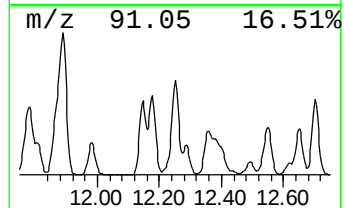
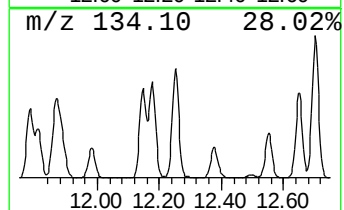
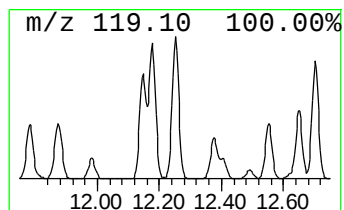
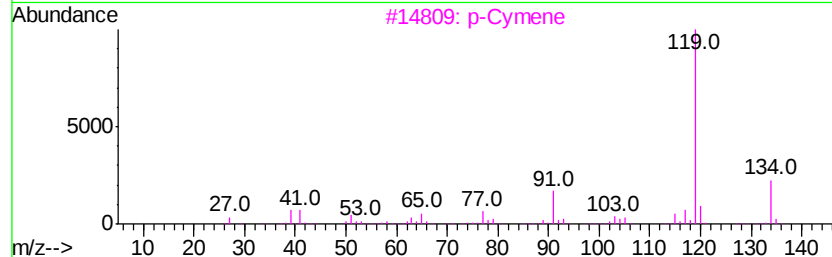
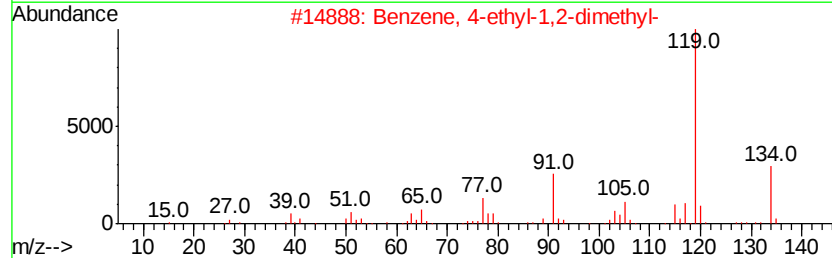
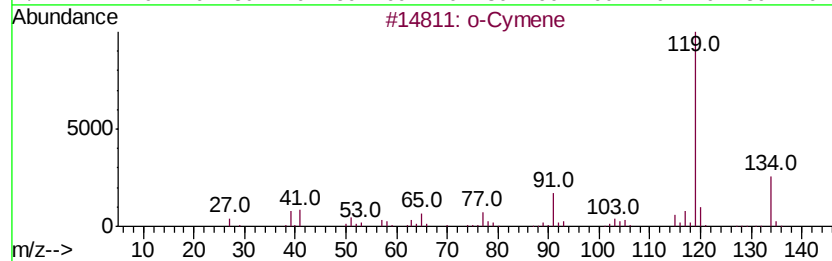
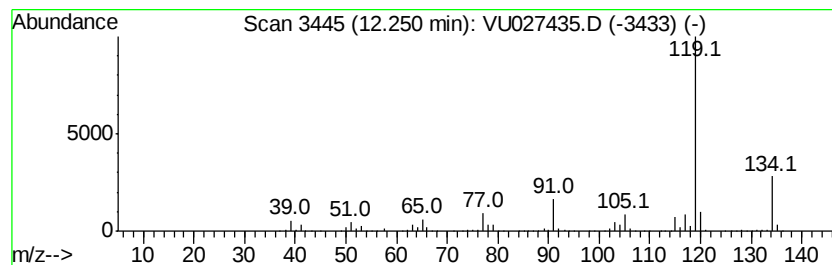
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	57.79 ug/l	1695170	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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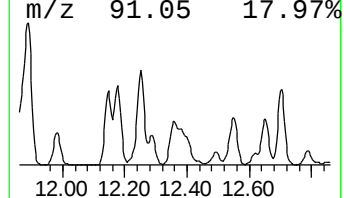
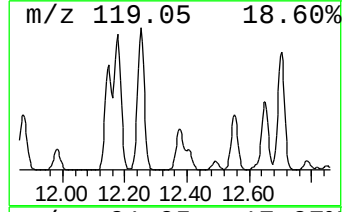
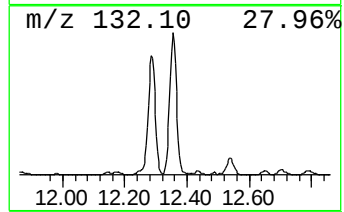
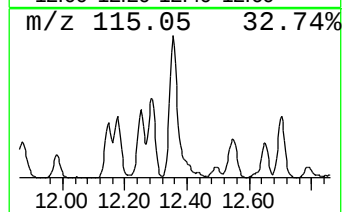
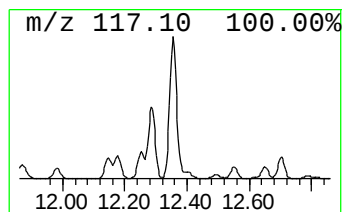
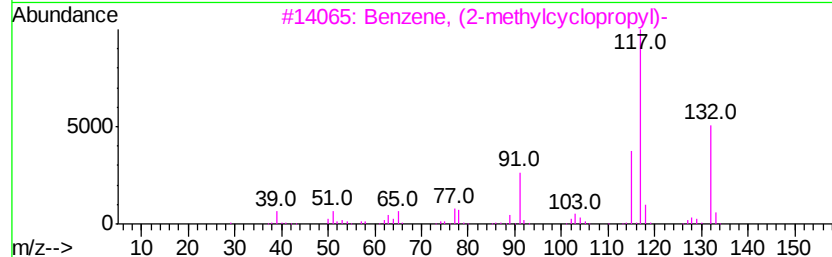
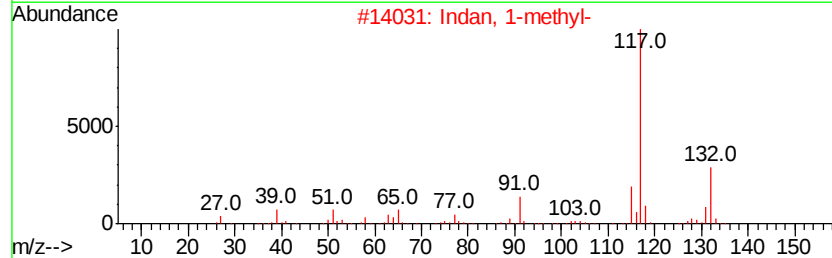
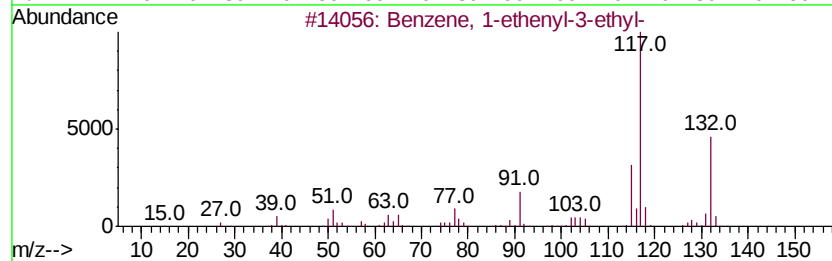
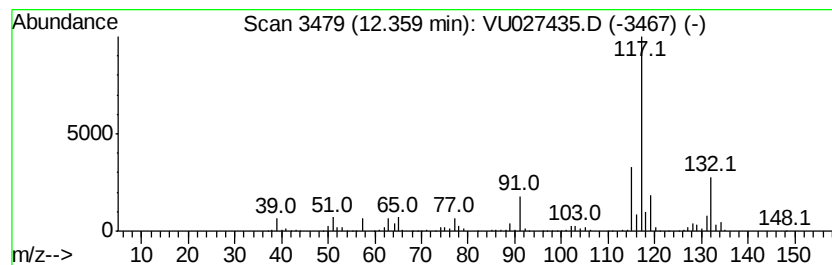
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	61.70 ug/l	1809780	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027435.D
Acq On : 05 Oct 2018 01:50
Operator : MD/SY
Sample : J5165-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

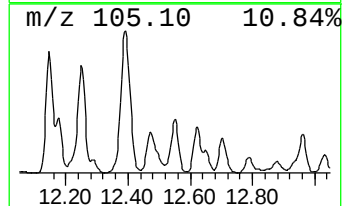
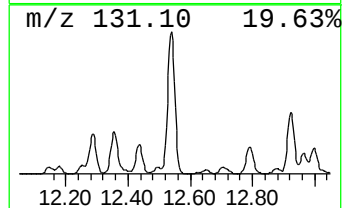
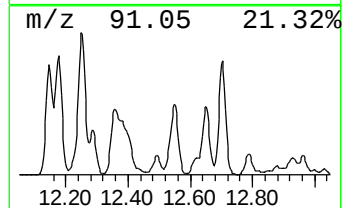
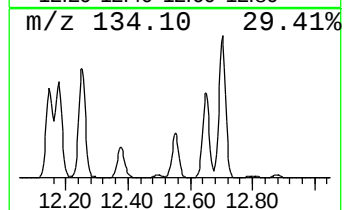
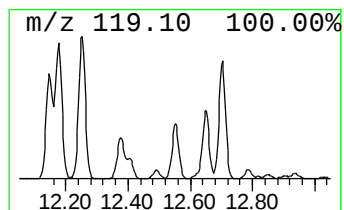
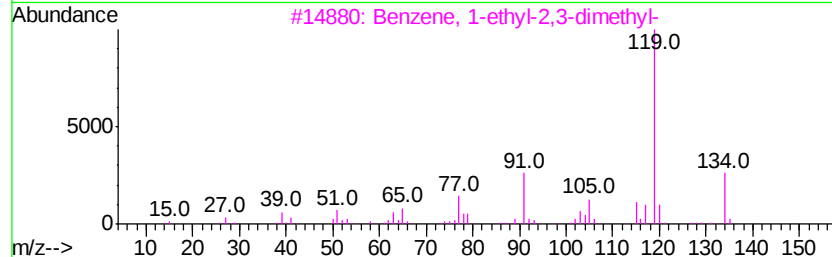
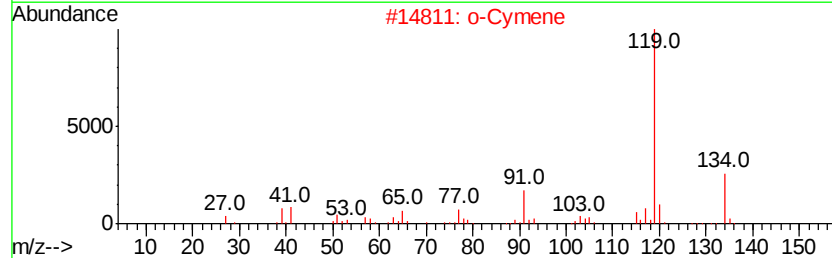
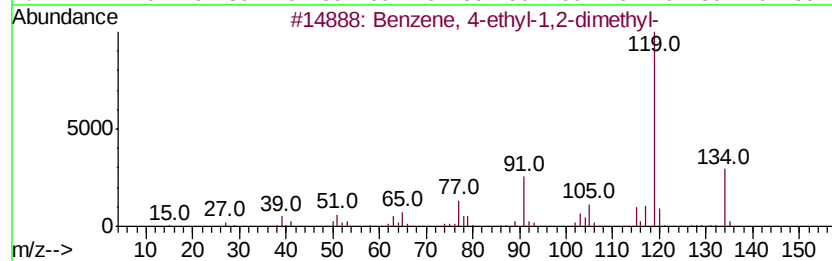
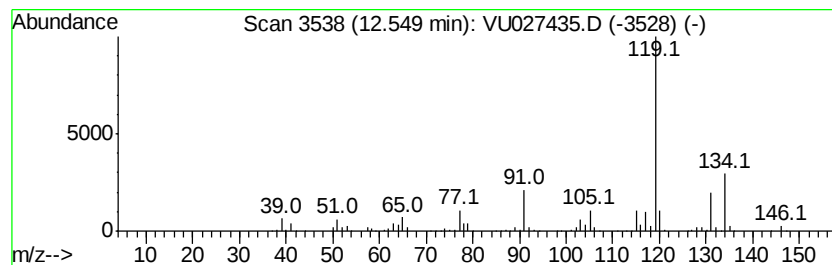
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	30.61 ug/l	898025	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027435.D
Acq On : 05 Oct 2018 01:50
Operator : MD/SY
Sample : J5165-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

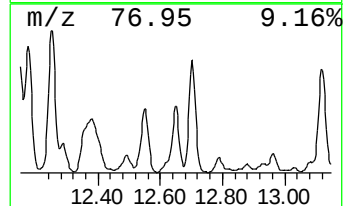
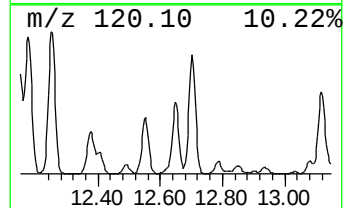
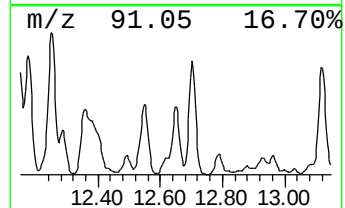
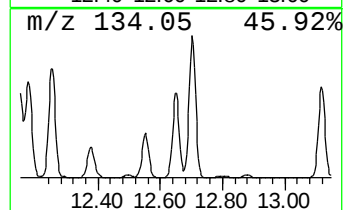
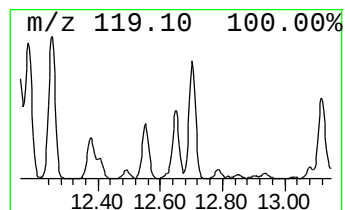
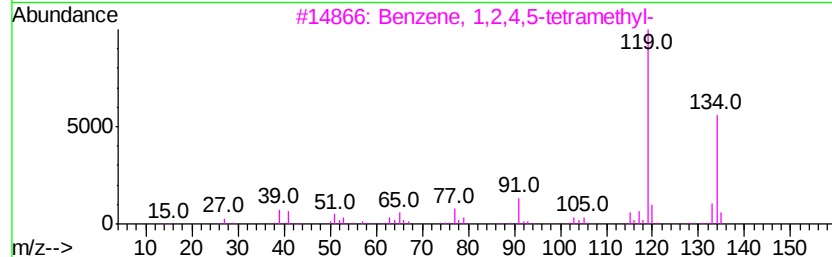
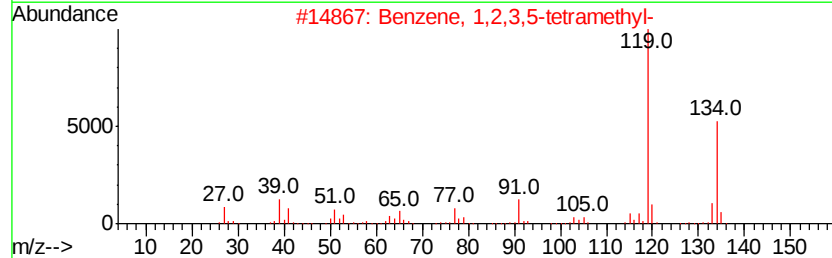
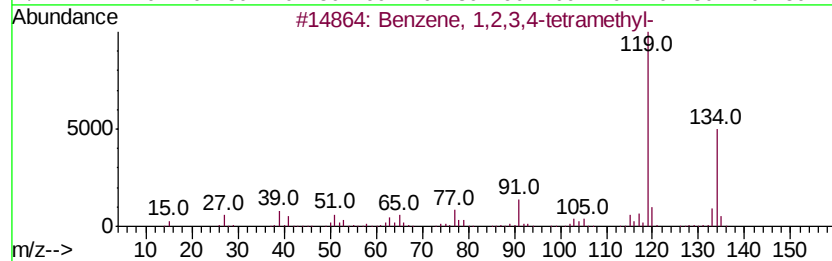
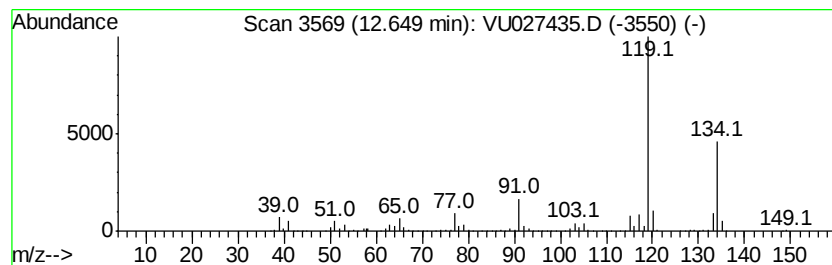
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	33.86 ug/l	993184	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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\VU100418\
Data File : VU027435.D
Acq On : 05 Oct 2018 01:50
Operator : MD/SY
Sample : J5165-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

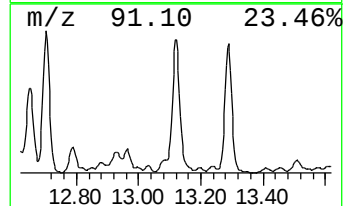
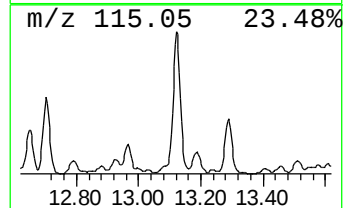
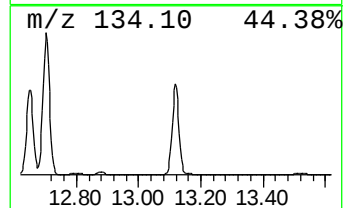
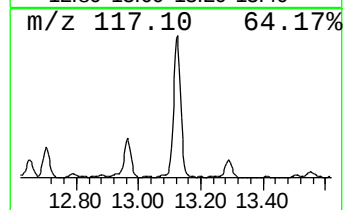
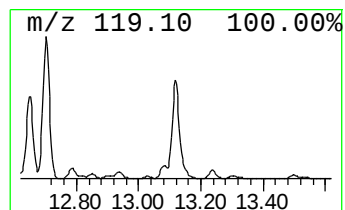
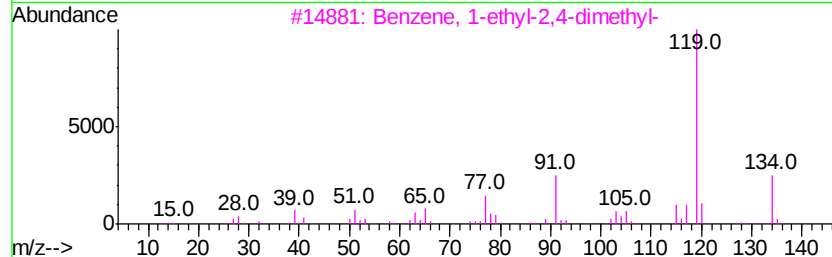
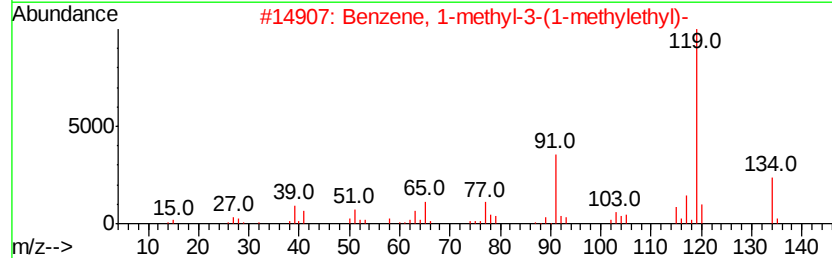
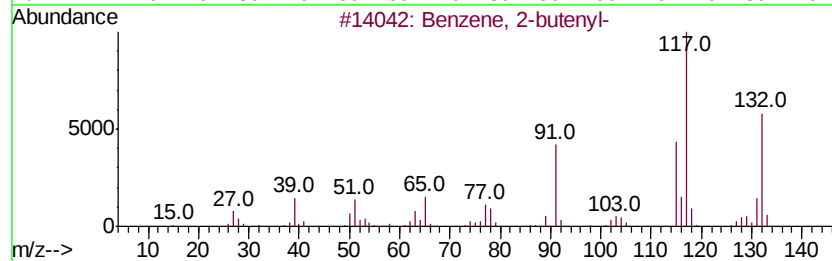
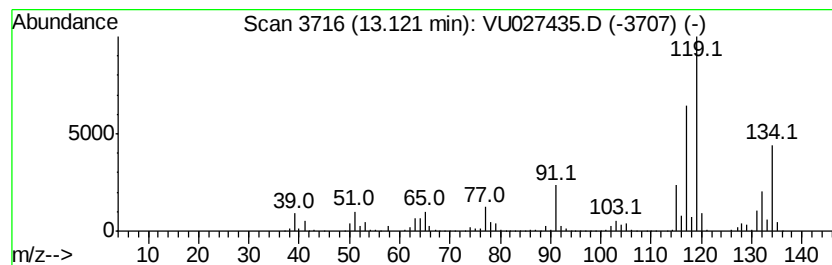
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	52.79 ug/l	1548610	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5		o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027435.D
Acq On : 05 Oct 2018 01:50
Operator : MD/SY
Sample : J5165-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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
Benzene, 1,2,3-tr...	11.57	256.4	ug/l	7520940	4	11.48	1466700	50.0
Benzene, 1,3-diet...	11.78	57.9	ug/l	1699440	4	11.48	1466700	50.0
Benzene, 2-ethyl-...	12.15	42.6	ug/l	1250870	4	11.48	1466700	50.0
Benzene, 1,2,3,5-...	12.18	48.6	ug/l	1424440	4	11.48	1466700	50.0
o-Cymene	12.25	57.8	ug/l	1695170	4	11.48	1466700	50.0
Benzene, 1-etheny...	12.36	61.7	ug/l	1809780	4	11.48	1466700	50.0
Benzene, 4-ethyl-...	12.55	30.6	ug/l	898025	4	11.48	1466700	50.0
Benzene, 1,2,3,4-...	12.65	33.9	ug/l	993184	4	11.48	1466700	50.0
Benzene, 2-butenyl-	13.12	52.8	ug/l	1548610	4	11.48	1466700	50.0